



B.S. Abdur Rahman®

Crescent

Institute of Science & Technology

Deemed to be University u/s 3 of the UGC Act, 1956



ANNUAL REPORT 2023-24



ANNUAL REPORT

2023 - 24

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VISION AND MISSION OF THE INSTITUTION

VISION

B.S. Abdur Rahman Crescent Institute of Science and Technology aspires to be a leader in Education, Training and Research in multidisciplinary areas of importance and to play a vital role in the Socio – Economic progress of the country in a sustainable manner.

MISSION

- To blossom into an internationally renowned Institute.
- To empower the youth through quality and value – based education.
- To promote professional leadership and entrepreneurship.
- To achieve excellence in all its endeavors to face global challenges.
- To provide excellent teaching and research ambience.
- To network with global institutions of Excellence, Business, Industry and Research organizations.
- To contribute to the knowledge base, through scientific enquiry, applied research and innovation.

ADMINISTRATION

The Institution is guided by Mr. BSA Arif Buhary Rahman, President, Mrs. Qurrath Jameela, Chancellor and Mr. Abdul Qadir Abdul Rahman Buhari, Pro Chancellor and Members of Board of Management. The Institution is headed by Prof. Dr. T. Murugesan, Vice Chancellor and Dr. N. Raja Hussain, Registrar are making sincere efforts to achieve excellence in Teaching - Learning process, Research, Consultancy and Extension activities. The administration is supported by the Controller of Examinations, Deans, Directors, Head of the Departments, Division Heads, Senior Professors, Faculty members and Non –Teaching staff.

ADMINISTRATION

FOUNDER

Alhaj. Dr. B.S. ABDUR RAHMAN

PRESIDENT

Mr. BSA ARIF BUHARY RAHMAN

CHANCELLOR

Mrs. QURRATH JAMEELA

PRO CHANCELLOR

Mr. ABDUL QADIR ABDUL RAHMAN BUHARI, B.E., M.B.A.

VICE CHANCELLOR

Dr. T. MURUGESAN, B.E., M.E., Ph.D.

PRO VICE CHANCELLOR

DR. N. THAJUDDIN, Ph.D., D.Sc.,

REGISTRAR

Dr. N. RAJA HUSSAIN, B.Com, M.Com, MBA, M.Phil, Ph.D.

CONTROLLER OF EXAMINATIONS

Dr. S. KAJA MOHIDEEN, B.E., M.E., Ph.D.

ACADEMIC

DEAN (ACADEMIC AFFAIRS)

Dr. M. MOHAMED ISMAIL, B.E., M.S., Ph.D.

DEAN (RESEARCH)

Dr. J. REVATHY, B.E., M.E., Ph.D.

DEAN (STUDENT AFFAIRS)

Dr. KARTHIKEYAN RAMALINGAM, M.Sc., M.Phil., Ph.D.

DEAN (SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES)

Dr. SHARMILA SANKAR, B.E, M.S., M.E., Ph.D.

DEAN (SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES)

Dr. C. THARINI, B.E., M.E., Ph.D.

DEAN (SCHOOL OF INFRASTRUCTURE)

Dr. M.S. HAJI SHEIK MOHAMMED, B.E., M.S., Ph.D.

DEAN (SCHOOL OF MECHANICAL SCIENCES)

Dr. H. SIDDHI JAILANI, B.E., M.E, Ph.D.

DEAN (CRESCENT SCHOOL OF ARCHITECTURE)

Prof. G. JAYALAKSHMI, B.Arch., M.Arch.

DEAN (SCHOOL OF LIFE SCIENCES)

Dr. S. HEMALATHA, M.Sc., Ph.D.

DEAN (SCHOOL OF PHYSICAL AND CHEMICAL SCIENCES)

Dr. I. RAJA MOHAMED, M.Sc., B. Ed., PGDCA, M.Phil., Ph.D.

DEAN (SCHOOL OF SOCIAL SCIENCES AND HUMANITIES)

Dr. AYUB KHAN DAWOOD, M.Com., M.Phil, M.B.A., PGD PM & IR, Ph.D

DEAN (CRESCENT SCHOOL OF BUSINESS)

Dr. K. SRINIVASAN, B.Sc., M.B.A, Ph.D.

DEAN (SCHOOL OF ARABIC AND ISLAMIC STUDIES)

Dr. A. ABDUL HAI HASANI NADWI, M.A., M.Phil., Ph.D.

DEAN (CRESCENT SCHOOL OF PHARMACY)

Dr. M. VIJAYA VARA PRASAD, M.Pharm., Ph.D.

DEAN (CRESCENT SCHOOL OF LAW)

Dr. C. CHOCKALINGAM, M.A. M.L. Ph.D.

DIRECTOR (INTERNAL QUALITY ASSURANCE CELL)

Dr. A. ABUDHAHIR, B.E., M.E.E., Ph.D.

DIRECTOR (DATA CENTRE)

Dr. N. AYYANATHAN, B.Sc. (Maths), M.C.A., M.Phil (CS), Ph.D (CS)

EXECUTIVE DIRECTOR (CRESCENT INNOVATION INCUBATION COUNCIL-CIIC) Mr. M. PARVEZ ALAM, BE,
MBA, CCIO, RTTP, PMP, ACP, CSSBB, MCTS, CDA, CDAP, DALSM

DIRECTOR (CENTRE FOR SUSTAINABLE DEVELOPMENT)

Dr. P.K. JAWAHAR, B.E.,M.Tech.,Ph.D

DIRECTOR (MIS)

Dr. LATHA TAMILSELVAN, B.E, M.E., Ph.D.

DIRECTOR I/C (CITL)

Dr. G. KAVITHA, B.E., M.E., Ph.D.,

DIRECTOR (INTERNATIONAL RELATIONS)

Dr. P. RATHNA, M.A., Ph.D.,

DIRECTOR (CENTRE FOR DISTANCE AND ONLINE EDUCATION)

Dr. A. JAYA, MCA., M.E., Ph.D.

HEAD OF THE DEPARTMENTS**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Dr. W. AISHA BANU, B.E., M.E., Ph.D.

DEPARTMENT OF INFORMATION TECHNOLOGY

Dr. N. PRAKASH, B.E (CSE)., M.E (SE)., Ph.D

DEPARTMENT OF COMPUTER APPLICATIONS

Dr. S. PAKKIR MOHIDEEN, MCA, M.E., Ph. D.

DEPARTMENT OF MATHEMATICS AND ACTUARIAL SCIENCES

Dr. SINDHU J. KUMAR, M.Sc., M.Phil, Ph.D.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr. R. JAYASHREE, B.E., M.E., Ph.D.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr. B. VIJAYALAKSHMI, M.E., Ph.D.

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Dr. D. NAJUMNISSA JAMAL, B.E, M.E., Ph.D.

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. A.S. SELVAKUMAR, B.E., M.E, Ph.D.

DEPARTMENT OF AEROSPACE ENGINEERING

Dr. P.N. KADIRESH, B.E, M.E, Ph.D.

DEPARTMENT OF AUTOMOBILE ENGINEERING

Dr. P.D. JEYA KUMAR, B.E., M.E, Ph.D.

DEPARTMENT OF POLYMER ENGINEERING

Dr. S. SHAMSHATH BEGUM, B.Tech, M.S, Ph.D.

DEPARTMENT OF PHYSICS

Dr. G. VIJAYARAGHAVAN, M.Sc., Ph.D.

DEPARTMENT OF CHEMISTRY

Dr. N. HAJARA BEEVI, M.Sc., Ph.D.

DEPARTMENT OF ENGLISH

Dr. P. RATHNA, M.A., Ph.D.,

DEPARTMENT OF COMMERCE

Dr. K. SOUNDARAPANDIYAN, MBA. M.Phil., Ph.D.

OTHER DIVISIONS**LIBRARIAN**

Dr. P. PANNEER SELVAM, M.A., M.L.I.Sc., Ph.D.

DIRECTOR (CAREER DEVELOPMENT CELL & INDUSTRY RELATIONS)

Dr. K. GANESH, MBA., Ph.D.

DIRECTOR (PHYSICAL EDUCATION)

Dr. S. SELVAKUMAR, M.A. M.PEd, M.Phil, M.Sc (Yoga), MBA, NSNIS. (Cric) DNCC.Ph.D

ACADEMIC AFFAIRS

The main objective of the Office of Dean, Academic Affairs, is to plan and develop all the academic programs of the Institute such that they are dynamic, up-to-date, in line with current scientific developments and industrial relevance, and cater to the needs of stakeholders. The office plans the academic, technical, and co-curricular activities, including the academic calendar and schedule, for the holistic development of the students and enable them to overcome the challenges of the real world. It also manages the implementation of quality improvement practices by the faculty through proper guidance and motivation based on feedback from students and other stakeholders. The office helps the students with the redressal of academic-related issues by extending full cooperation.

The salient activities of Office of Academic affairs are as follows:

- Formulating new academic programmes.
- Facilitating curriculum and syllabus revision / updating of academic programmes.
- Ensuring quality teaching–learning process through well -structured strategies.
- Monitoring the implementation of internal quality assurance mechanism.
- Facilitating the Departments to organize Board of Studies.
- Facilitating the conduct of Academic Council, Academic & Administration Audit and ensuring the implementation of resolution.
- Preparing Academic Calendar and facilitate Time-Table preparation.
- Facilitating redo/pre-do courses offered by the Departments.
- Ensuring the periodical conduction of class committee meetings and parents teachers meetings.
- Monitoring the mechanism of stakeholders’ feedback system.
- Holistically monitoring the academic system of the Institute.
- Redressing academic related student grievances.

I. Programmes Offered in the AY 2023 – 24 :

B.S. Abdur Rahman Crescent Institute of Science and Technology offered the following programmes in the academic year 2023-24:

LIST OF PROGRAMMES OFFERED BY THE INSTITUTION

ACADEMIC YEAR 2023-24

Sl.No	Name of the School	Name of the Department	UG Programmes Offered	PG Programmes Offered
1	School of Infrastructure	Civil Engineering	B.Tech. Civil Engineering	M.Tech. Structural Engineering
				M.Tech. Construction Engineering & Project Management
2	School of Mechanical Sciences	Aerospace Engineering	B.Tech. Aeronautical Engineering	M.Tech. Avionics

Sl.No	Name of the School	Name of the Department	UG Programmes Offered	PG Programmes Offered
		Automobile Engineering	B.Tech. Automobile Engineering	---
		Mechanical Engineering	B.Tech. Mechanical Engineering	M.Tech. CAD-CAM
		Polymer Engineering	B.Tech. Polymer Engineering	---
3	School of Electrical & Communication Sciences	Electrical & Electronics Engineering	B.Tech. Electrical & Electronics Engineering	M.Tech. Power Systems Engineering
		Electronics & Communication Engineering	B.Tech. Electronics & Communication Engineering	M.Tech. VLSI & Embedded Systems
		Electronics & Instrumentation Engineering	B.Tech. Electronics & Instrumentation Engineering	---
4	School of Computer, Information and Mathematical Sciences	Computer Science & Engineering	B.Tech. Computer Science & Engineering	M.Tech. Computer Science & Engineering
			B.Tech. Artificial Intelligence & Data Science	M.Tech. Artificial Intelligence & Data Science
			B. Tech. CSE (Cyber Security)	---
			B. Tech. CSE (IoT)	---
			B.Tech Electronics and Computer Engineering	-
		Information Technology	B.Tech. Information Technology	M.Tech. Information Technology
		Electronics and computer science Engineering	B.Tech Electronics and computer science Engineering	
		Computer Applications	BCA	MCA
			B.Sc. Computer Science	---
		Mathematics & Actuarial Science	---	M.Sc. Actuarial Science
5	School of Life Sciences	B.Tech. Biotechnology		M.Tech. Biotechnology
				M.Tech. Food Biotechnology
				M.Sc. Microbiology

Sl.No	Name of the School	Name of the Department	UG Programmes Offered	PG Programmes Offered
			B.Sc. Biotechnology	M.Sc. Biochemistry & Molecular Biology M.Sc. Biotechnology
6	Crescent School of Architecture		B.Arch. B.Des.(Interior Design)	M.Arch.
7	Crescent School of Business	Management Studies	---	MBA MBA (IEV)
8	School of Physical & Chemical Sciences	Chemistry	---	M.Sc. Chemistry
		Physics	---	M.Sc. Physics
9	School of Social Sciences & Humanities	Commerce	B.Com. (General) B.Com. (Accounts & Finance) B.Com. (Hons.) B.Com.(Professional Accounting) BBA (General) BBA (Financial Services)	M.Com.
		English	B.A. English	---
		Public Policy	B.A. Public Policy	---
10	School of Arabic & Islamic Studies		B.A. (Islamic Studies)	M.A. (Islamic Studies)
11	Crescent School of Pharmacy		B.Pharm.	M.Pharm.
12	Crescent School of Law		BBA LLB (Hons.) BA LLB (Hons.)	LLM (Criminal Law)

No. of Schools	No. of Departments	UG Programmes Offered	PG Programmes Offered
12	24	32	25

II. Academic Activities:

- All the classes were conducted as per the academic schedule, strictly following the guidelines proposed by concerned statutory authorities. The academic schedule and academic calendar uploaded in the website for smooth conduction of academic activities.
- The ODD semester of the 2023–24 academic year commenced on July for final year and intermediate students, and on August 7, 2023, for first year students. The orientation for the first year students of various programmes were held as follows:

Programme	Dates of Orientation programme
B.Tech. Programs	07.08.23
BCA & B.Sc.	11.08.23
B.Com., BBA & B.A.	14.08.23
Law	09.08.23
Pharmacy	11.08.23
B.Arch. B.Des. Programs	09.08.23
MBA	03.08.23
PG programmes	23.08.23

* Three - week induction programme as per the guidelines of AICTE.

- The Crescent Mastersoft ERP is being effectively utilized for handling academic activities (configuration of timetable & courses, attendance marking, feedback and upload of course materials etc.) and exam related activities (mark capturing and result declaration).
- The even semester of the academic year 2023-24 commenced on January 2, 2024, for all final-year students in B.Tech and M.Tech programs. For first-year and intermediate-year students across all programs, classes started on January 18, 2024.
- The following is the abstract of number of courses enrolled in the ODD and EVEN Semester 2023 -2024 in Crescent LMS and Mastersoft ERP:

S. No.	Description	Odd semester	Even semester
1	No. of courses enrolled	983	812
2	No. of classes configured	1726	1169

- Class committee meetings were conducted to disseminate information regarding teaching-learning methods and assessment patterns to the students. It is also a forum to get feedback about the effectiveness of the courses and course teacher handling the class.
- Level I and Level II feedback were obtained from all the students on the course and course teacher.
- The Continuous Assessment Tests – I & II for the students of all UG and PG programmes were conducted as per the schedule.
- Parent – Teacher meeting for the ODD & EVEN semester 2023-24 was conducted by the Departments from 26.10.2023 to 10.11.2023 and from 20-04-2024 to 27-04-2024 respectively.
- An 'Outcome-Based Education' one-day workshop was held on January 9, 2024. Dr. S. Mutthan, a professor of ECE at Anna University, served as the resource. Ultimately, this program benefited 65 faculty member

III. Entrepreneurship Courses:

As part of the MoU signed with M/s.Wadhvani Foundation, National Entrepreneurship Network (NEN), Bangalore Basic Course in Entrepreneurship was taught to the students of B.Tech. programmes across discipline.

The course “Advanced Entrepreneurship” was offered as an elective for B.Tech. students aiming to become real-time entrepreneurs.

The following is the brief account of the activities undertaken through Wadhvani Foundation, National Entrepreneurship Network (NEN):

Month & Year	Social Entrepreneurship Course	Advanced Entrepreneurship Course	Total No. of Students Enrolled
Odd semester 2023 – 24	243	25	268
Even semester 2023 – 24	786	-	786
Total	1029	25	1054

IV. Value-added Courses through IIT Bombay Spoken Tutorial:

The staff and students of all programmes were encouraged to enroll in value added courses through IIT Bombay Spoken Tutorials portal. The courses help to enrich their knowledge and gather expertise in their areas of interest.

- The number of courses and students enrolled in IIT Bombay – Spoken Tutorial Courses in the academic year 2023-24 are given below:

Details	IIT Bombay – Spoken Tutorial	
	Odd semester	Even semester
Total number of courses	20	75
Total number of faculty involved / registered	37	75
Total number of students	2007	3969

- The details of the number of courses and students enrolled in SWAYAM/NPTEL courses in the academic year 2023-24 are:

Details	SWAYAM / NPTEL courses	
	Odd semester	Even semester
Total number of courses	319	300
Total number of faculty involved / registered	125	215
Total number of students	1827	2632

- The details of credit transfer availed by the students enrolled in SWAYAM/NPTEL courses in the academic year 2023-24 are:

Total number of courses	48
Total number of students availed credit transfer	557
Total number of credits	1746

V. Result Analysis:

The results of the examinations during the academic year 2023-24 were analyzed and the details are as follows:

Odd Semester AY 2023-24:

A) UG Programmes:

CONSOLIDATED DETAILS (UG Programmes)	I SEM	III SEM	V SEM	VII SEM	IX SEM
Total no. of students Appeared	2393	2456	2228	1025	177
Total no. of students Passed in all subjects	1549	1711	1719	821	149
Over all Pass %	65	70	77	80	84

B) PG Programmes: (Odd Semester)

CONSOLIDATED DETAILS (PG)	I Sem	III Sem
Total no. of students Appeared	640	587
Total no. of students Passed in all subjects	510	493
Over all Pass Percentage	80	84

Even Semester AY 2023-24:

A) UG Programmes:

CONSOLIDATED DETAILS (UG Programmes)	II SEM	IV SEM	VI SEM	VIII SEM	X SEM
Total no. of students Appeared	2356	2448	2201	1021	179
Total no. of students Passed in all subjects	1671	1891	1790	945	164
Over all Pass %	71	77	81	93	92

B) PG Programmes:

CONSOLIDATED DETAILS (PG)	II Sem	IV Sem
Total no. of students Appeared	638	575
Total no. of students Passed in all subjects	552	553
Over all Pass Percentage	87	96

VI. Statutory / Other Meetings:

The statutory body meetings that were scheduled for the 2023–2024 academic year are listed below, along with the specifics:

These sessions have been crucial in offering suggestions for changing the curricula and syllabi of different programs to accommodate market changes, industry demands, technological breakthroughs, and societal norms. Regular meetings with the department heads, directors, and deans were held to discuss developmental plans, evaluate the teaching-learning process, and discuss the steps taken to put quality initiatives into action.

Academic Meetings	Date
Meeting of Board of Studies of various Departments (odd semester)	October – December 2023
Standing committee meeting of the 21 th Academic Council	18.12.2023
21 st meeting of the Academic Council	20.12.2023
Meeting of Board of Studies of various departments (Even semester)	July – August 2024
Standing committee meeting of the 22 th Academic Council	02.09.2024
22 th meeting of the Academic Council	04.09.2024
Meeting of Deans, Directors and HoDs chaired by the Registrar	08.06.2023
Meeting of Deans, Directors and HoDs chaired by the Vice Chancellor	26.04.2024

ACADEMIC RESEARCH

Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants (Faculty & Students)
1.	Online training on the "Usage of Drillbit", Extreme Plagiarism Detection Software	Training Programme	12.02.2024	Central Library, BSACIST	97
2.	International Webinar on "Strategies for Publishing in High Impact Factor Journals"	Webinar	17.04.2024	Centre for International Relations (CIR), BSACIST	60

Any other academic research relevant information

- 51st RBM Meeting held on 04.07.2023
- 52nd RBM Meeting held on 05.01.2024
- 53rd RBM Meeting held on 20.06.2024

SIGNIFICANT EVENTS

The **Research Advisory Council** of our Institute was held on 11.10.2023 at 10.30 a.m. in Seminar Hall - III of B. S. Abdur Rahman Crescent Institute of Science & Technology.

The Research Advisory Council consists of experts from various Research Organisations, Universities and Industries. The Research Advisory Council provides policy guidelines and direction for the growth and development of research activities, including Academic Research, Sponsored Research, Consultancy and Industrial Training.

The following external experts have participated in the Research Advisory Council:

- i. Dr. J. Raghava Rao, Emeritus Scientist, CSIR-Central Leather Research Institute, Chennai.
- ii. Dr. B.S. Lakshmi, Director, Centre for Biotechnology, Anna University, Chennai.
- iii. Dr. Mukesh Kumar, R&D Lab, TVS-Brakes India Pvt. Ltd., Padi, Chennai.
- iv. Dr. Sainarayanan, Technology Director, Engineering and Research Services, HCL Technologies Ltd., Chennai
- v. Dr. Madhan Kumar Srinivasan, CEO & Co-founder, Wise work, a Metaverse Tech Company, Bangalore

Highlights of the Research Advisory Council

- ❖ Vice-Chancellor and the Chairman of the Research Advisory Council extended a hearty welcome to all members and briefly narrated the various initiatives taken by the Institute in promoting Academic Research, Sponsored Research and consultancy Activities.
- ❖ Dr. J. Revathy, Dean (Research) & Member Secretary, made a detailed presentation about the various academic research activities of BSACIST.
- ❖ Dr. P.K. Jawahar, Director (Centre for Sustainable Development) gave a presentation in detail about various steps taken to promote sponsored research at our institute.
- ❖ Dr. N. Thajuddin, Pro Vice-Chancellor, provided a comprehensive overview of the importance of interdisciplinary and Transdisciplinary research.
- ❖ Dr. J. Raghava Rao, Emeritus Scientist, CLRI, Chennai suggested that academic researchers should actively engage in collaborations with industry partners to address complex challenges or establish connections with nationally significant institutions like IITs and NITs, with the aim of securing additional funding.
- ❖ **Dr. Mukesh Kumar**, R&D Lab, TVS-Brakes India Pvt. Ltd., Padi, Chennai emphasized the importance of industries adhering to rigorous timelines and delivering high-quality results at reasonable costs. Additionally, he highlighted the necessity for industries to establish a dedicated department or unit to facilitate potential collaborations with academia.
- ❖ **Dr. Madhan Kumar Srinivasan**, CEO & Co-founder, a Metaverse Tech Company, Bangalore, an expert in Artificial Intelligence and Big Data Analytics, insisted on the paramount importance of patents and copyrights for institutes like Crescent in achieving recognition at both national and international levels.
- ❖ **Dr. Sainarayanan**, Technology Director, Engineering and Research Services, HCL Technologies, an expert in high-performance computing, recommended a shift towards experiential learning over the traditional approach to foster a more conducive environment for research among the faculty members.
- ❖ **Dr. B.S. Lakshmi**, Director, Centre for Biotechnology, Anna University, an expert in Biological Sciences recommended the need to instill the significance of entrepreneurship, as it has the potential to substantially increase the number of startups at the institute level, thereby driving positive change.

ANY OTHER SPECIFIC / IMPORTANT ACTIVITIES (VIZ. EXTENSION / CSR):

(i) Introduced the Thesis Tracking Module in the Mastersoft portal

(ii) **Admission:**

Session & Year	Full-time	Part-time	Total
July 2023	17	45	62
Jan 2024	19	33	52

(iii) Research Visibility (as on 30.06.2024):

h – index	84
i-10 index	981
No. of Publications (Scopus & WoS)	180
Total No. of Citations	42,000+
Highest SNIP	5.718
Highest Impact Factor	18.96
Average Impact Factor	3.09

(iv) Degree Awarded, Viva – Voce Completed, Thesis / Synopsis Submitted Details:

No. of Ph.D. Degree awarded (Overall)	307
Viva – Voce completed	12
Viva – Voce awaited	11
Thesis submitted	13

(v) Scholars & Supervisors Information:

Approved Supervisors	258
Ph.D. Scholars (on Roll)	475
Full-time Scholars	144
Part-time Scholars	331
B. S. Abdur Rahman Junior Research Fellow	37
B.S. Abdur Rahman Senior Research Fellow	04
Fellowships received from government agencies	07 (SJSGCF: 03, UGC NET JRF: 02, UGC NFOBC: 01, Lady Tata Memorial Trust: 01)
Post-Doctoral Fellow	03
Earn while learn fellowships	20

(vi) List of Research Scholars awarded with Ph.D. Degree

S. No.	RRN	Name of the Scholar	Mode	Dept.	Research Supervisor
1.	180943101001	Mr. Mohsin Fayaz	Full-time	CA	Dr. P. Sheik Abdul Khader
2.	170943707001	Mr. Syed Javeed Pasha	Full-time	CA	Dr. E. Syed Mohamed
3.	160943701002	Mr. Imran Mirza	Full-time	CA	Dr. P. Sheik Abdul Khader
4.	140943104002	Ms. Padmavathy	Part-time	CA	Dr. S. Pakkir Mohideen
5.	180913701001	Mr. MaruthupandI.M	Full-time	Chemistry	Dr. N. Vasimalai
6.	160913704006	Mr. Pandiarajan	Part-time	Chemistry	Dr. N. Hajarabeevi
7.	140913701002	Ms. M. Deviga	Full-time	Chemistry	Dr. Noor Aman Ahrar Mundari
8.	1091217	Mr. G. Senthilnathan	Part-time	Chemistry	Dr. Revathi Purushothaman
9.	1191226	Mr. D. Somasundaram	Full-time	Chemistry	Dr. S. Bhagavathy
10.	150913701003	Ms. E. Dhivya	Full-time	Chemistry	Dr. Noor Aman Ahrar Mundari
11.	190913701001	Mr. S. Gokul Eswaran	Full-time	Chemistry	Dr. N. Vasimalai
12.	190803701001	Mr. Yaswanth. K. K.	Full-time	Civil	Dr.J. Revathy
13.	190803704001	Mr. Donald Kwabena Dadzie	Part-time	Civil	Dr. A. K. Kaliluthin
14.	1380119	Ms. Pamila Ramesh	Part-time	Civil	Dr. Vasatni Padmanabhan
15.	170803707001	Mr. Mohd Umar	Full-time	Civil	Dr. M. S. Haji Sheik Mohamed
16.	170803704001	Ms. Pavithra.C	Part-time	Civil	Dr. J. Revathy
17.	170803104002	Ms. P. Krithika	Part-time	Civil	Dr. P. Gajalakshmi
18.	170803104004	Mr. K. C. Vinu Prakash	Part-time	Civil	Dr. K. Yogeswari
19.	140803104004	Ms. M. Ajona	Part-time	Civil	Dr. P. Vasanthi
20.	150803104004	Mr. Y. Ibrahim	Part-time	Civil	Dr. Vasanthi Padmanabhan
21.	200803701001	Mr. V. Varunkumar	Full-time	Civil	Dr. P. Gajalakshmi
22.	160803104003	Ms. M. Ayisha Sidiqia	Part-time	Civil	Dr. V. S. Priya
23.	130803704003	Ms. V. Roopa	Part-time	Civil	Dr. M.S. Haji Sheik Mohammed
24.	190983701002	Ms.T.M.Gowri	Full-time	Commerce	Dr. Afzalur Rahman / Dr. Krupa Nair
25.	170863704009	Ms. Mahalakshmi P	Part-time	CSE	Dr. N. Sabiyath Fatima
26.	170863704001	Mr. Syed Thouheed Ahmed	Part-time	CSE	Dr. Sharmila Sankar
27.	150863704004	Ms. Sonali Appasaheb Patil	Part-time	CSE	Dr. L. Arun Raj
28.	170863101001	Mr. Shaikh Abdul Waheed	Full-time	CSE	Dr. P. Sheik Abdul Khader
29.	130863704001	Mrs. Narayani R.	Part-time	CSE	Dr. W. Aisha Banu
30.	160863701002	Ms. D. Menaga	Part-time	CSE	Dr. S. Revathi
31.	140863104003	Ms.J. Brindha Merin	Part-time	CSE	Dr. W. Aisha Banu
32.	140863104002	Ms. R. Akila	Part-time	CSE	Dr. S. Revathi
33.	190863101001	Ms. J . Dhanalakshmi	Full-time	CSE	Dr. N. Ayyanathan

S. No.	RRN	Name of the Scholar	Mode	Dept.	Research Supervisor
34.	180863104004	Mr. Senthil Raja	Part-time	CSE	Dr. L. Arun Raj
35.	140843104001	Ms. Anitha R	Part-time	ECE	Dr. B. Vijayalakshmi
36.	140843104007	Ms. Anusooya S	Part-time	ECE	Dr. P. K. Jawahar
37.	140843101006	Ms. Sindhu Bala K	Full-time	ECE	Dr. B. Vijayalakshmi
38.	150843701002	Mr. R. Muthukrishnan	Full-time	ECE	Dr. G. Kannan
39.	140843104011	Ms. B. Sivashanmugavalli	Part-time	ECE	Dr. B. Vijayalakshmi
40.	140843704009	Mr. N. Parthiban	Part-time	ECE	Dr. Mohamed Ismail
41.	170843707001	Mr. Mohammed Wajid Khan	Full-time	ECE	Dr. S. Kaja Mohideen
42.	160843704003	Mr. Md. Imtyaz Ahmed	Part-time	ECE	Dr. G. Kannan
43.	140843304004	Mr. Iniyavan	Part-time	ECE	Dr. B. Vijayalakshmi
44.	1384119	Ms. B. Kaleeswari	Part-time	ECE	Dr. S. Kaja Mohideen
45.	140843104010	Ms. P. Maya	Part-time	ECE	Dr. C. Tharini
46.	140843104004	Ms. R. Mahalakshmi alias Isakki	Part-time	ECE	Dr. C. Tharini
47.	983201	Mr. P. Sadasivam	Part-time	EEE	Dr. D. Najumnissa Jamal
48.	180833104001	Mr. Viswaprakash Babu	Part-time	EEE	Dr. K. Shafeeque Ahmed
49.	180833104002	Mr. V. Kubendran	Part-time	EEE	Dr. Y. Mohamed Shuaib
50.	130833704004	Ms. Bharanigha. V	Part-time	EEE	Dr. Y. Mohamed Shuaib
51.	170833104002	Mr. Syed Muzafar Ahmed	Full-time	EEE	Dr. K. Shafeeque Ahmed
52.	150833104001	Ms. Divya Vijay	Part-time	EEE	Dr. R. Jayashree
53.	140853704001	Mr. Magesh. M	Part-time	EIE	Dr. P. K. Jawahar
54.	160923704002	Ms. T. Anuradha	Full-time	English	Dr. S. Vijayakumar
55.	160923701001	Ms. R. K. Sangeetha	Full-time	English	Dr. P. Rathna
56.	170923704001	Ms. A. Catherine Anna Pushpam	Part-time	English	Dr. Shahidul Islam
57.	170873701001	Ms. U. Geetha	Full-time	IT	Dr. Sharmila Sankar
58.	160873701001	Mr. G. Siva Krishna	Part-time	IT	Dr. N. Prakash
59.	190933704002	Mr. Ben Ebo Attom	Part-time	Mgt. Studies	Dr. Afzalur Rahman / Dr. M. Shanmugam
60.	200933104004	Ms. Arshiya Fathima. M.S	Full-time	Mgt. Studies	Dr. H. Moideen Batcha
61.	190933101001	Ms. Madhyvadhany	Full-time	Mgt. Studies	Dr. S. Panboli
62.	190933101002	Ms. Jain Jacob M	Full-time	Mgt. Studies	Dr. M. Shanmugam
63.	130893701001	Mr. P. Vignesh	Full-time	Maths & AS	Dr. S. Srinivasan
64.	190893701001	Mr. Aadil Rashid Sheergojri	Full-time	Maths & AS	Dr. Pervaiz Iqbal

S. No.	RRN	Name of the Scholar	Mode	Dept.	Research Supervisor
65.	180893701001	Ms. Rubeena Khaliq	Full-time	Maths & AS	Dr. Pervaiz Iqbal
66.	180893107001	Mr. Imran Nadeem	Full-time	Maths & AS	Dr. P. S. Sheik Uduman
67.	170893707001	Ms. Rupel Nargunam	Full-time	Maths & AS	Dr.N. Anuradha / Dr.S.Srinivasan
68.	180893701002	Ms. S. Sindhuja	Full-time	Maths & AS	Dr. P. Arathi
69.	170893704002	Mr. Virender Singh Panwar	Part-time	Maths & AS	Dr. P. S. Sheik Uduman
70.	190893704001	Mr. K. Kapil Raj	Part-time	Maths & AS	Dr. S. Srinivasan
71.	140813704009	Mr. Pradeepkumar	Part-time	Mechanical	Dr. V. Muralidharan
72.	140813704007	Mr. Varunkumar A	Part-time	Mechanical	Dr. A.S. Selvakumar
73.	150813704003	Mr. Syed Shaul Hameed	Part-time	Mechanical	Dr. V. Muralidharan
74.	130813704006	Ms. Zeenath Fathima	Part-time	Mechanical	Dr. T. R. Tamilarasan
75.	130813704003	Mr. N. Ravikumar	Part-time	Mechanical	Dr. T.R. Tamilarasan
76.	160813104004	Mr. Mohd Durvesh Mohiudeen	Part-time	Mechanical	Dr. S. Rasool Mohideen
77.	200933101002	Ms. Anjel raj. Y	Full-time	Mgt. Studies	Dr. J. Hemalatha
78.	140933701003	Ms. T.N.Mahalakshmi	Part-time	Mgt. Studies	Dr.M.Shanmugam
79.	170903701003	Ms. Shahnaz Kossar	Full-time	Physics	Dr. R. Amiruddin
80.	160903701002	Ms. S. Divyalakshmi	Full-time	Physics	Dr. I. B. Shameem Banu
81.	160903101001	Mr. Aqib Muzaffar	Part-time	Physics	Dr. M. Basheer Ahamed
82.	1390117	Mr. R. Senthil	Part-time	Physics	Dr. G. V. Vijayaraghavan
83.	160903701003	Mr. N. Gopinathan	Full-time	Physics	Dr. S. Sathik Basha
84.	180903701001	Mr. Rayees Ahmed Khan	Full-time	Physics	Dr. G.V. Vijayaraghavan
85.	130903704002	Ms. Thahirunisha	Part-time	Physics	Dr. I.B. Shameem Banu
86.	130823704002	Mr. Murali Manohar	Part-time	Polymer	Dr. S. Shamshath Begum
87.	130823704001	Mr. Basanta Kumar Behera	Part-time	Polymer	Dr. M. Thirumurugan
88.	191153701001	Ms. Edet Love Mendie	Full-time	SLS	Dr. S. Hemalatha
89.	151153104002	Ms. Saranya M K	Full-time	SLS	Dr. M. K. Sangeetha
90.	141153701001	Mr. Mohd Basheeruddin	Full-time	SLS	Dr. Shazia Jamal
91.	191153101002	Ms. R. Sathya	Full-time	SLS	Dr. D. Mubarak Ali
92.	151153701001	Mr. Bommanaboina Anil Kumar	Full-time	SLS	Dr. Neesar Ahmed
93.	161153101002	Ms. Sana Qausain	Full-time	SLS	Dr. Khurshid Alam Khan

CONTROLLER OF EXAMINATIONS

Introduction:

Currently our Institute offers 61 programmes, namely 36 Undergraduate Programmes and 25 Postgraduate programmes, as well as Ph.D. in all disciplines.

The Office of Controller of Examinations conducts examinations for all the above programmes and publishes results for the same.

Schedule of Examinations Conducted in ODD Semester (AY 2023-24)

The schedule of examinations for the Odd Semester (AY 2023-24) is given below:

Programme	Details	Dates
UG & PG	Continuous Assessment Test I	3 rd , 5 th & 7 th semester (UG) - 01.09.2023 1 st semester (UG) & 3 rd semester (PG) - 12.10.2023
	Continuous Assessment Test II	3 rd , 5 th , & 7 th semester (UG) – 12.10.2023 1 st semester (UG) and 3 rd semester (PG), MBA 3 rd semester Mid Term – 24.11.2023
	Semester End Theory Examinations	CSL all semesters (UG) - 11.12.2023 CSA all semesters (UG & PG) - 11.12.2023 3 rd , 5 th , & 7 th semester (UG) - 11.12.2023 1 st semester (UG) & (I & III) semester (PG) - 27.12.2023
	Publication of Results	Except for 1 st semester (UG & PG) all other programmes – 24.01.2024 1 st semester – (UG & PG) – 01.02.2024

Number of Students appeared in the Regular Semester End examinations: 9556

Grievances Addressed:

The office of the Controller of Examinations addresses the grievance of the students related to Examinations by conduct of **Substitute Examinations and provision for students to apply for Revaluation.**

Substitute Examinations:

A student who has missed the continuous assessment test for genuine reasons, is permitted to write a maximum of one of the two assessment test. However, permission to take up a substitute examination will be given under exceptional circumstances such as accidents, admission to a hospital due to illness, etc.

The Substitute examinations for the ODD semester were conducted as per the below schedule:

Programme	Details	Dates
UG & PG UG & PG	CAT-I & CAT-II	Intermediate and Final Year (UG & PG) - 29.11.2023
		First Year (UG & PG) – 20.12.2023

Students appeared for Substitute Examination : 1008

Revaluation:

Number of Applications received : 253
Change of grade : 21
Percentage of change : 8.3%

Declaration/Publication of Results

Average number of days : 13 working days

Schedule of Examinations Conducted in EVEN Semester (AY 2023-24)

The schedule of examinations conducted in the Even Semester (AY 2023-24) is given below:

Programme	Details	Dates
UG & PG	Continuous Assessment Test I	2 nd , 4 th and 6 th semester (UG), 2 nd semester (PG) - 04.03.2024
	Continuous Assessment Test II	2 nd , 4 th and 6 th semester (UG), 2 nd semester (PG) - 06.05.2024
UG & PG	Semester End Theory Examinations	X semester UG (CSL) – 16.05.2024 CSA all semesters (UG & PG) – 27.05.2024 2 nd , 4 th , 6 th , semester (UG) & 2 nd semester (PG) - 28.05.2024 CSL all semesters (UG) - 28.05.2024
	Publication of Results	Final Year (UG & PG) - 31.05.2024 Final Year Arts – 05.07.2024 2 nd , 4 th and 6 th semester (UG), 2 nd semester (PG) - 05.07.2024

Number of Students appeared in the Regular Semester End examinations: 9556

Grievances Addressed:

The Office of the Controller of Examinations addresses the grievance of the students related to Examinations by conduct of **Substitute Examinations and Revaluations.**

The Substitute examinations for the EVEN semester were conducted as per the below schedule:

Programme	Details	Dates
UG & PG	CAT-I & CAT-II	2 nd , 4 th and 6 th Semester UG, 2 nd Semester PG -24.05.2024

Students appeared for Substitute Examination : **596**

Revaluation:

Number of Applications received : 173
Change of grade : 8
Percentage of change : 4.6%

Declaration/Publication of Results

Average number of days : 12 working days

Supplementary Examinations:

To facilitate Passed out / Final Year Students to complete the degree and reduce the number of outstanding arrears, supplementary exams are conducted. Students are eligible to apply for a maximum of three courses. Supplementary Examination - Final Year and Passed Out Students from 07.09.2023-11.09.2023

Number of Students Registered for Supplementary Examination: 193

Number of students who benefitted through supplementary exam: 149

Convocation:

The 13th Convocation was conducted on 19.02.2024

The Chief Guest details are given below:

Date	Chief Guest
19.02.2024	Dr.N.Kalaiselvi, Director General, CSIR & Secretary DSIR

No. of Graduands: 2403

UG	PG	Ph.D.	Total
1711	599	93	2403


INTERNAL QUALITY ASSURANCE CELL (IQAC)

1. ACCREDITATION

1.1 NAAC –AQAR

- The Office of IQAC compiled and prepared the Annual Quality Assurance Report (AQAR) for the academic year 2021-22 and the same has been submitted to NAAC web portal on September 30, 2023. It was officially accepted by NAAC on March 5, 2024.

AQAR Submitted Details									
SI NO	HEI Name	AISHE ID	Academic Year	Submitted Date	Status	Cycle No	Action		
1	B. S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	U-0445	2021-2022	30-09-2023	Accepted	2	AQAR Review Details	PDF Report	HTML Report
2	B. S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	U-0445	2020-2021	13-10-2022	Accepted	2	AQAR Review Details	PDF Report	HTML Report
3	B. S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	U-0445	2019-2020	10-12-2021	Accepted	2	AQAR Review Details	PDF Report	HTML Report
4	B. S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	U-0445	2018-2019	20-03-2020	Accepted	1	AQAR Review Details	PDF Report	HTML Report



AQAR REPORT REVIEW

B. S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY

Aishe id : U-0445

Submitted for : 2021-2022

Submitted Date : 30/09/2023 05:22 PM

Reference AQAR Link : [Click here](#)

Over all Comments : I reviewed the AQAR and no need for further edition of AQAR by HEI

Acceptance date : 05/03/2024

1.2 National Board of Accreditation (NBA)

- The NBA Accreditation for B.Tech (EEE) and B.Tech (Mechanical) expires on 30th June 2023 and hence, the Office of Director (IQAC) initiated the process of generating the application for fresh Accreditation in the e-NBA portal. Two more eligible UG Engineering programmes B.Tech (Civil) and B.Tech (Biotechnology) were also included in the application for accreditation process and the application has been generated on 22nd May 2023.
- In connection with the same the four engineering departments are requested to prepare the Pre-Qualifier for the initial approval from the National Board of Accreditation.
- The office of IQAC prepared a schedule to review the Pre-qualifier of four UG Engineering programmes:

Date	Department	Reason to schedule the meeting	Timings
15.06.2023	EEE & Mechanical	NBA Accreditation - Prequalifier Review Meeting	3.00 to 4.30 pm
16.06.2023	Civil & Biotechnology	NBA Accreditation - Prequalifier Review Meeting	10.30 to 1.00 pm

- After the successful compilation of the corrections, the pre-qualifier of B.Tech – Civil, Mechanical, EEE and Biotechnology has been submitted in the e-NBA portal on 21st June 2023.
- Immediately after the successful submission of the pre-qualifier we received the mail communication from e-NBA stating that to prepare the Self-Assessment Report (SAR) for the four UG Engineering programmes and to get uploaded within 60 days' time.
- The criterion wise review meetings have been scheduled to improve the quality of preparing the self-assessment report of the four programmes.

Date	Department	Reason to schedule the meeting	Timings
01.08.2023	B. Tech Biotechnology and EEE	NBA - Review Meeting 2 - Criteria 1,2&3	2.30 pm to 4.30 pm
02.08.2023	B. Tech Mechanical	NBA - Review Meeting 2 - Criteria 1,2&4	4.30 pm to 6.30 pm
11.08.2023	Criteria - 8 Co-Ordinators	NBA - Review Meeting - Criteria 8	03.00 pm to 6.30 PM
14.08.2023	Criteria - 9 Co-Ordinators	NBA - SAR Review Meeting - Criteria 9	03.00 pm to 06.00 pm

14.08.2023	Criteria - 10 Co-Ordinators	NBA - SAR Review Meeting - Criteria 10	04.15 pm to 5.30 pm
16.08.2023	Civil Engineering - School of Infrastructure	NBA – SAR Final Review	11.00 am to 01.30 pm
17.08.2023	B.Tech (Biotechnology) - (SLS)	NBA - SAR Review Meeting - Criteria 6 & 7	03.00 pm to 06.30 pm
17.08.2023	B.Tech (Mechanical Engineering)	NBA - SAR Review Meeting - Criteria 6 & 7	06.30 pm to 08.00 pm
19.08.2023	B.Tech. Civil Engineering	NBA - SAR Review Meeting - Remaining Criteria	2.30 pm to 05.00 pm
21.08.2023	B. Tech EEE	NBA - SAR Review Meeting	10.00 am to 1.00 pm
22.08.2023	B. Tech EEE	NBA - SAR Review Meeting - Criteria 3,6,7	02.30 pm to 04.30 pm
23.08.2023	B. Tech EEE	NBA - SAR Review Meeting - Remaining Criteria	02.30 pm to 05.30 pm
24.08.2023	B.Tech. Civil Engineering	NBA SAR - Review by VC, Pro- VC and Registrar	09.30 am to 11.20 am
24.08.2023	B.Tech Biotechnology	NBA - SAR Review Meeting - Criteria 1 to 7	03.00 pm to 06.00 pm

- After several review meetings, the final SAR of all the four UG Engineering programmes has been successfully submitted in the e-NBA portal on 25th August 2023.
- It has been communicated by National Board of Accreditation (NBA), New Delhi, that, NBA Expert Team Visit (ETV) is scheduled during December 15-17, 2023 for the accreditation of Programmes B.Tech (Civil), B.Tech (Mechanical), B.Tech (EEE) and B.Tech (Biotechnology). In this connection, it is decided to have an External Mock Visit (EMV) to review the readiness of the programmes / departments. Before facing the External Mock Visit (EMV), an internal mock committee has been constituted with the senior faculty members to review the preparedness and intactness of the department.
- The NBA has updated its Program Assessment Worksheet and Evaluators' visit report formats; hence an **orientation session** has been arranged for the program evaluators on 23rd November 2023 at IQAC Office, to conduct the internal mock visit.
- The committee members conducted the Internal Mock Visit (IMV) as per the schedule given below and submitted the report to Director (IQAC).

Date & Day	Programme	IMV Evaluators	Time
25.11.2023 Saturday	B.Tech (Mechanical Engineering)	1. Dr. A. Jaya Professor / CA	09.30 AM to 12.30 PM
		2. Dr. G. Kannan Associate Professor / ECE	01.30 PM to 05.00 PM
25.11.2023 Saturday	B.Tech (Civil Engineering)	1. Dr. B. Vijayalakshmi Professor & HOD / ECE	09.30 AM to 12.30 PM
		2. Dr. E.Syed Mohamed Professor / CSE	01.30 PM to 05.00 PM
25.11.2023 Saturday	B.Tech (EEE)	1. Dr. Aisha Banu W. Professor & HOD / CSE	09.30 AM to 12.30 PM
		2. Dr. N.Prakash Professor & Head / IT	01.30 PM to 05.00 PM
Date & Day	Programme	IMV Evaluators	Time
25.11.2023 Saturday	B.Tech (Biotechnology)	1. Dr. S.Revathi Professor / CSE	09.30 AM to 12.30 PM
		2. Dr. I.Sathik Ali Professor / IT	01.30 PM to 05.00 PM
29.11.2023 Wednesday	Institute Level Criteria 8, 9 and 10	1. Dr. I.Sathik Ali Professor / IT	09.30 AM to 12.30 PM
		2. Dr. B. Vijayalakshmi Professor & HOD / ECE	01.30 PM to 05.00 PM

- To equip 100% preparedness, an external mentoring visit was organized to the programmes B.Tech. (EEE), B.Tech (Mechanical), B.Tech (Civil) & B.Tech (Biotechnology) on 2nd December 2023.
- The following External Experts are evaluate the four B.Tech programmes.

S. No.	Name & Address of the Expert Member
01	Prof. K.M. Mehata Former Professor, Anna University, Advisor, Computing Sciences Dr MGR Deemed University, Chennai
02	Dr.S.Srinivasan Professor & Head, Department of Instrumentation Engineering Madras Institute of Technology, Anna University, MIT Rd, Radha Nagar, Chromepet, Chennai
03	Dr. S.Balasivanandha Prabu Professor & Head, Dept of Mechanical Engineering College of Engineering, Guindy, Anna University, Chennai
04	Dr. Jibu Thomas M.Sc., Ph.D Professor, Department of Biotechnology, School of Agriculture and Biosciences, Karunya Institute of Technology, Coimbatore
05	Dr. Kurian Joseph Professor & Director (Centre for Climate Change & Disaster Management) Faculty of Civil Engineering, Anna University, Chennai

External Mentoring visit for NBA Accreditation – December 2, 2023



- B.Tech (Mechanical), B.Tech (EEE) and B.Tech (Biotechnology) during **December 15-17, 2023** (three days).
 The Expert members are,



Details of the NBA Expert Team

S. No	Name of the Expert Member	Details	Department
1	Dr. Nikhil Ranjan Banerjea	Former Vice Chancellor IEST (formerly BESU) Kolkata	Chairman
2	Dr. Ritu Barthwal	Professor, Biotechnology. <u>IIT Roorkee</u>	Biotechnology
3	<i>Dr. Owais Mohammad</i>	Professor, Aligarh Muslim University	Biotechnology
4	Dr. Surya Vamsi	Director, NIT Hamirpur	EEE
5	Dr. Satya Sheel	Professor Emeritus EEE, NIT Allahabad	EEE
6	Dr. Shashikant Halkude.	Principal, Walchand Institute of Technology, Solapur Indian Institute of Technology, Bombay. Solapur, Maharashtra	Civil
7	T. P. Somasundaran	Professor Department of Civil Engineering <u>National Institute of Technology, Calicut</u>	Civil
8	Dr. Suryappa Jayappa Pawar	Professor Department of Applied Mechanics Motilal Nehru National Institute of Technology Allahabad, Prayagraj.	Mechanical
9	Dr. Sehijpal Singh Khangurg	Professor & Head Dept. of Mechanical Engineering Guru Nanak Dev Engineering College, Ludhiana	Mechanical



**Expert Team Visit – NBA Accreditation
 December 15-17, 2023**

Chairman assessing the Institute Level Criteria



Programme Experts – Civil Engineering



Programme Experts – EEE



Programme Experts – Life Sciences



Programme Experts – Mechanical Engineering



- As a result of the Expert team visit, we received official communication from the NBA that our four UG programmes (B.Tech. – Civil, Mechanical, EEE and Biotechnology) have been awarded Accreditation for three years from 2023-24 to 2025-26.

Web link :

<https://crescent.education/nba/>

1.3 AACSB Accreditation

- AACSB accreditation is known, worldwide, as the longest-standing, most recognized form of specialized accreditation that an institution and its business programs can earn. Accreditation is a voluntary, nongovernmental process that includes a rigorous external review of a school's mission, faculty qualifications, curricula, and ability to provide the highest-quality programs.
- Director (IQAC) & Dean (CSB) attended the online meeting with M/s. Krama Software Technologies Pvt., Ltd to discuss the AACSB Accreditation process on 3rd April 2024 at 03.00pm.

राष्ट्रीय प्रत्यायन बोर्ड
NATIONAL BOARD OF ACCREDITATION
 4th Floor, East Tower, NBCC Place, Bhoisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003

F.No: 33-32/2010-NBA Date: 21-02-2024
 To:
 The Vice Chancellor
 B. S. Abdur Rahman Crescent Institute of Science and Technology,
 Seethakathi Estate, G.S.T. Road, Vandalur,
 Chennai 600046, Tamil Nadu

Subject: Accreditation status of programs applied by B. S. Abdur Rahman Crescent Institute of Science and Technology, Seethakathi Estate, G.S.T. Road, Vandalur, Chennai 600046, Tamil Nadu.

Sir,

This has reference to your application I.O. No. 8092-22/05/2023 seeking accreditation by National Board of Accreditation to UG Engineering programs applied by B. S. Abdur Rahman Crescent Institute of Science and Technology, Seethakathi Estate, G.S.T. Road, Vandalur, Chennai 600046, Tamil Nadu.

2. An Expert Team conducted onsite evaluation of the programs from 15th to 17th December, 2023. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Biotechnology	Tier II January 2016 Document	Accredited (Marks are revised as per the observations made and indicated in the Annexure to this letter)	Academic Years 2023-2024 to 2025-2026 i.e. upto 30-06-2026	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Civil Engineering		Accredited		
3.	Mechanical Engineering		Accredited		
4.	Electrical & Electronics Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

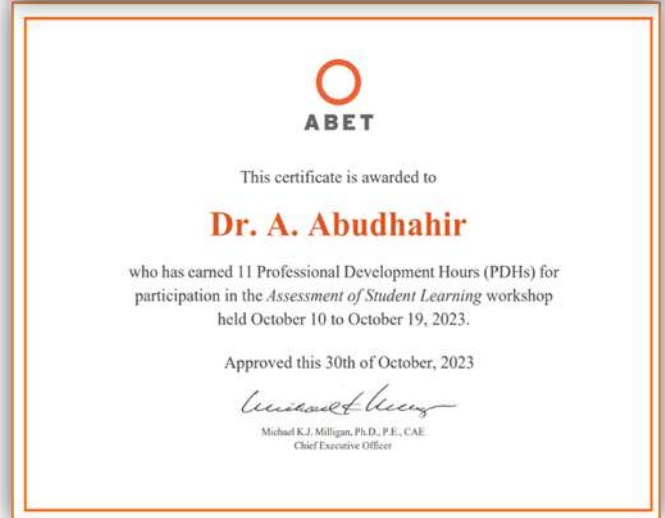
4. The programs have been granted accreditation for 3 years. B. S. Abdur Rahman Crescent Institute of Science and Technology, Seethakathi Estate, G.S.T. Road, Vandalur, Chennai 600046, Tamil Nadu should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

Chinmay
 Contd./...

Tel: +91 11 2436 0620-22, 2436 0654; Telefax: +91 11 4308 4903
 Website: <https://www.nbaind.org> | Email: membersecretary@nbaind.org

ABET Accreditation





- The Office of IQAC has taken initiatives to apply for ABET Accreditation. In relation to this, it has been decided in the first phase to seek ABET Accreditation for the following programs: B.Tech in Computer Science and Engineering (CSE), B.Tech in Electronics and Communication Engineering (ECE) and B.Tech (Biotechnology).
- Accreditation Board for Engineering and Technology (ABET) designed a virtual workshop on “**Basics of Program Assessment**” to gain an understanding of the assessment process. Hence, Director (IQAC) attended the three-hour virtual workshop on 12th July 2023 from 05.30 pm to 08.30 pm to evaluate our own program assessment plan against best practices and he earned 1.5 PDH (Professional Development Hours)
- Similarly, Accreditation Board for Engineering and Technology (ABET) designed a virtual workshop on “**Assessment of Student Learning Workshop (ASLW)**” on October 10, 12, 17, and 19, 2023 and he earned 11 PDH (Professional Development Hours).



II. RANKINGS & RATINGS

2.1 THE Impact Rankings 2024

- The Office of Director (IQAC) created an exclusive webpage for uploading all the proof documents as web content in our institute webpage and provided the links in the “THE Impact Rankings 2024” portal.
<https://crescent.education/iqac-csi-2021-23/>
- Based on the pieces of evidence provided for the sustainability activities, our Institute bagged global ranks in THE Impact Rankings 2024.

	SDG 4 Quality Education	:	India : 3 Global : 37
	SDG 6 Clean Water and Sanitation	:	India : 2 Global : 29
	SDG 7 Affordable and Clean Energy	:	India : 4 Global : 13
	SDG 17 Partnerships for the Goals	:	India : 1 Global : 101-200

Global sustainability Development Congress:

- To improve our positions in the future THE Impact Ranking further Mr. Ritin Malhotra, General Manager & Regional Director (Asia), Times Higher Education - World University Rankings, Singapore, visited our institution on 18th April 2024 and presented various Consultancy Services for the following specified purposes.

- Gain recognition as one of the leading higher education institutes in India globally
- Improve its Academic and Research Reputation
- Identify areas of improvement to support its strategic planning
- Enhance its internationalization and international research collaborations

Also, he invited the Officers of our university to participate in the conference to get clear insights by attending various sessions. To enhance our institute's presence globally, Dr. A. Abudhahir, Director (IQAC) attended the Global Sustainable Development Congress (GSDC) @ Bangkok, Thailand and received the appreciation for our remarkable achievements in SDGs 4, 6, 7 and 17.

1. Times Higher Education World University Rankings (THE WUR) 2024:

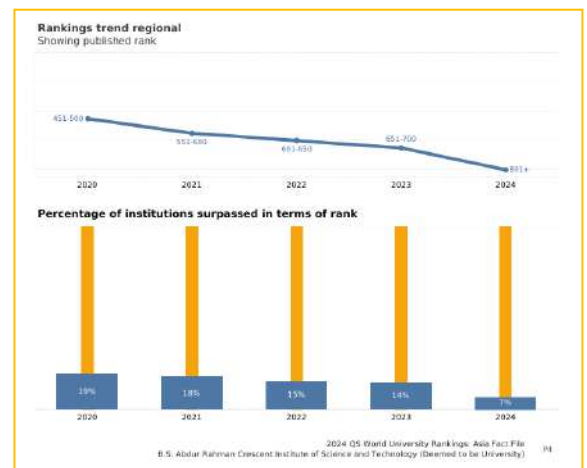
- The Office of Director (IQAC) submitted the data to THE World University Rankings on 10th April 2023 under the following Categories.
 - Arts & Humanities
 - Clinical and Health
 - Engineering
 - Computer Science
 - Life Sciences
 - Physical Sciences
 - Business and Economics
 - Overall
- As a result, we received the following Rank-bands

Category	Rank
THE World University Rankings 2024	1201-1500
Subject Rankings (Engineering)	1001+
THE World University Rankings 2024 – Asia	501 - 600
THE World University Rankings 2024 – Young	501 - 600

2.3 QS World University Rankings:

- The Office of Director (IQAC) submitted the data to the QS Asia Rankings 2024 and QS World University Rankings 2024 on 6th February 2023. As a result, we received the following Rank-bands.

Category	Rank (2023)	Rank (2024)
Southern Asia	174	258
Asia	651-700	801+



- Similarly, the data was submitted for QS Sustainability Rankings 2024 on 31st July 2023 and the result is awaited.
- Pro Vice-Chancellor and Director (IQAC) visited QS-ERA India Private Limited, Malleshwaram, Bengaluru to meet Mr. Ashwin Fernandes, Executive Director, QS to discuss about subscribing to QS Analytical Tools, including Rankings entry evaluation and the Academic Reputation Tracker on 31st July 2024.

2.4 NIRF India Rankings 2024

- The NIRF India Rankings 2024 portal was opened for Data Collection from 29th Nov 2023. The Office of Director (IQAC) submitted the data in the following categories, Engineering, Management, Architecture, Innovation and Overall. This year, our Institute participated in the “Pharmacy” and “Research” Category also.
- The Office of Director (IQAC) submitted the additional details and proofs to NIRF for the queries received from NIRF Verification Team.
- As a result, we received the following Rank-bands.

Category	Rank / Rank Band	No. of Institutions Participated
Engineering	151 – 200	1463
Pharmacy	84	467
Architecture	40	115

2.5 Dataquest – CMR Best T-School Survey 2024

- The Dataquest - CMR Best T - School Survey 2024 ranked our Institute as below:
 - All India Rank: “1” - Private T-Schools Category
 - All India Rank: “2” - South Zone
 - All India Rank: “5” - Overall Ranking
- B. S. Abdur Rahman Crescent Institute of Science and Technology positioned as the No.1 Private Institution in INDIA by Dataquest – CMR Best T-School Survey for Four consecutive years – 2021, 2022, 2023 and 2024.
- The Dataquest - Employability Index Survey 2023 ranked our Institute as follows:
 - All India Rank: “19” - Overall
 - All India Rank: “15” - Private
 - All India Rank: “6” - South Zone
- The Dataquest – Digital Index ranked our Institute as follows:
 - All India Rank: “10” - Overall
 - All India Rank: “3” - Private
 - All India Rank: “3” - South Zone

2.6 India Today- MDRA Best Universities Rankings 2024

The India Today- MDRA Best Universities Rankings 2024 ranked Crescent 22nd (Overall – All India) under the General (Private) Category.

III. REGULATORY BODIES


3.1. AICTE

AICTE Approval Process 2024-25

- It is necessary / mandatory to obtain the Extension of Approval (EoA) every year for offering UG Engineering / PG Engineering / MBA / MCA / ODL / OL programmes. Since the academic year 2021-22, AICTE has been requesting all HEIs to upload all the Essential / Desirable / Category-wise documents as per the Approval Process Handbook. In continuation with the same, this year our institute uploaded 100+ documents to the AICTE web portal (including portal-generated common Affidavit).
- After uploading all the necessary information/data under several tabs in the AICTE web portal, the application was submitted on 7th February 2024.
- The online scrutiny was scheduled on 1st June 2024 for the verification of documents.
- After successful completion of all the processes, the AICTE issued the EoA for the current Academic Year 2024-25 for the following number of programmes.

S. No.	Programmes	No. of Programmes
1	UG Engineering (B.Tech)	16
2	PG Engineering (M.Tech)	11
3	Manangement (MBA& MBA - IEV)	2
4	Computer Applications (MCA)	1
5	ODL (MBA & MCA)	2
6	OL (MBA & MCA)	2
Total Programmes		34

AICTE – EOA for the AY: 2024-25



All India Council for Technical Education
(A Statutory Body under Ministry of Education, Govt. of India)
 B-10, Wazirpur, New Delhi-110029 Website: aicteweb.org

APPROVAL PROCESS 2024-25
Extension of Approval (EoA)

P.No. BSR/HEI/1-4366475/06/2024/EoA Date of Approval: 05-Jun-2024

To:

The Principal/Secretary
 Higher Education, Govt. of Tamil Nadu,
 No. 6, M. S.S. 6B First Secretariat,
 Chennai-600002

Sub: Extension of Approval for the Academic Year 2024-25

Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2024-25

Sanction:

In terms of the provisions under the All India Council for Technical Education (Extension of Approval for Technical Education) Powers delegated in AICTE ACT 1987, (No. 52 of 1987) Chapter I - (1) (2) to regulate Technical and subcomponent Regulations of AICTE, I am directed to convey the approval for

Permitted for	1-38879/1701	Application Id	1-4366475/06
Name of the Institution	B.S.A. CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	Name of the Society/Trust	B.S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY
Institution Address	GST ROAD, VENGALUR, CHENNAI - 600048, VENGALUR, KANCHIPURAM, TAMIL NADU 600048	Society/Trust Address	A. MOORE ROAD, CHENNAI - 600 001, CHENNAI-600001, Tamil Nadu, INDIA
Institution Type	Deemed to be University (DUE)	Region	South
Year of Establishment	1983		

Opted for Introduction of New Program/Level	Yes	Introduction of Program/Level Approved or Not	Approved
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To conduct following Program/Courses with the intake indicated below for the Academic Year 2024-25

Level	Program	Course	A/Rating Body (University / Body)	Intake Approved for 2023-24	Intake Approved for 2024-25	NTI Approval Status	PR / GATE score / OCU Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AERONAUTICAL ENGINEERING	NOT APPLICABLE	30	30*	Yes	Yes
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	NOT APPLICABLE	180	180*	Yes	Yes

Application No: 1-4366475/06
 Note: This is a Computer generated Report. No signature is required.
 P.No. BSR/HEI/1-4366475/06/2024/EoA

Page 1 of 1
 Lateral Program (2013-2014) June 2024

3.2 UGC

UGC Interface Meeting:

- Presented about the implementation of NEP 2020 in our university during the UGC Interface meeting held on 22nd April 2024 at New Delhi.



Madurai Off-Campus:

- UGC has communicated the four deficiencies highlighted by the Standing Committee during their examination of the Compliance Report submitted by our institution for establishing an Off-Campus at Madurai.
- The deficiencies have been addressed promptly to ensure our compliance with regulatory requirements and provided the relevant details with the necessary supporting documents against each deficiency and submitted the same to UGC on 23rd April 2024.
 1. BCI approval for B.A. LLB & BBA LLB
 2. Recruitment of faculty members
 3. Land ownership documents
 4. Built-up area with supporting documents

Memorandum of Association (MoA):

- UGC has communicated all the HEIs to prepare the draft Memorandum of Association (MoA) in accordance with the UGC (Institutions Deemed to be Universities) Regulations, 2023.
- A higher level committee comprises of Vice Chancellor, Pro Vice Chancellor, Registrar, Advisor(s) and Director (IQAC) reviewed the draft MoA prepared in accordance with the UGC (Institutions Deemed to be Universities) Regulations, 2023 and finalized on 29th May 2024.
- The finalized draft was submitted to UGC through e-mail on 30th May 2024.
- The UGC approved the draft MoA, submitted by the institute, through e-mail dated 16th July 2024 and asked the institute to submit the MoA registered with the Registrar of Societies.

UGC DEB Portal for ODL / OL:

- Reviewed the application and compliance report for ODL / OL programmes.

- The office of the Director (IQAC) facilitated the Physical visit by the UGC Expert team to ODL Programmes on 21.09.2023 & 22.09.2023.
- The office of the Director (IQAC) facilitated to complete the UGC Interface Meeting for ODL Programmes on 21.08.2024.

3.3 All India Survey for Higher Education (AISHE), MOE

- The data for the AISHE Audit for the academic year 2022-23 was submitted on 15.04.2024 and the certificate was downloaded for successful submission.

3.4 Bar Council of India

- Applications were submitted through BCI portal for the approval of Law programmes for both B.S. Abdur Rahman Crescent Institute of Science and Technology (Main Campus) and B.S. Abdur Rahman Crescent Institute of Science and Technology (Madurai Off Campus).

3.5 Tamil Nadu State Council for Technical Education

- The Annual Subscription amount Rs.1,00,000/- (Rupees One Lakh only) for the Institutional Membership in the Council for the year 2023-24 has been paid to Tamil Nadu State Council for Technical Education.
- In continuation with that the Annual Report was also submitted to TNSCTE.

3.6 Google Forms:

- The Office of Director (IQAC) prepared data and facilitated the following submissions through Google Forms to Statutory / Regulatory Bodies.

S. No.	Subject	Date of the Submission	Submitted to
1	UGC - Approval Intake and Actual Enrollment for professional courses	18.07.2023	UGC
2	UGC NEP SAARTHI	16.08.2023	UGC
3	Margdarshan Scheme	30.09.2023	AICTE
4	Questionnaire - International Student Admission Information	27.12.2023	AICTE
5	Social Media Report on Mera Pehla Vote Desh Ke Liye	14.03.2024	AICTE
6	Nodal Officer details for UGC E-Samadhaan Portal	16.07.2024	UGC
7	Data submitted to UGC – UTSAH (Undertaking Transformative Strategies and Action in Higher Education) Portal	22.04.2024	UGC
8	Data submitted to UGC – Professor of Practice (POP) portal	19.04.2024	UGC

9	Facilitated Dean (Student Affairs) Office to submit the Anti-Ragging Compliance Report	28.06.2024	UGC
10	All the Programme details offered by our institute has been submitted to University Management Information System UMIS portal.	22.05.2024	TNeGA.

IV. INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

4.1 18th MEETING OF IQAC

- The 18th meeting of the Internal Quality Assurance Cell (IQAC) was held on 16.06.2023, at 11 a.m. through online mode. The following agenda items were discussed in the Meeting.

No.	Item	Presenter	Duration
A. Opening			
18.1	Call to Order	Chair	
18.2	Confirmation of minutes of the 17 th Meeting of IQAC	Chair	
18.3	Action Taken Report (ATR) in respect of the 17 th Meeting of IQAC	Chair	
B. Items for Discussion			
18.4	Implementation of NEP 2020	Dean (AA)	10 mins
18.5	Initiatives for enhancing students' mobility	Director (CIR)	10 mins
18.6	Strategies to improve Rankings and Accreditations	Director (IQAC)	15 mins
18.7	Sports Activities and Achievements	Director (Sports)	10 mins
C. Items for Recording			
18.8	AQAR - Annual Quality Assurance Report (2021-22)	Director (IQAC)	10 mins
18.9	Salient Activities of the Office of IQAC	Director (IQAC)	5 mins
D. Other Discussions and Adjournment			
18.10	Any other item with the permission of the Chair		
	Vote of thanks by the Director (IQAC)		

V. EVENTS ORGANIZED / ATTENDED ON QUALITY THEMES

5.1 Various activities attended / organized by the Office of Director (IQAC)

S. No	Date	Name of the Department	Resource Person	Name of the Activity	Venue	Time	Programmes Organized / Attended
1	11.07.2023	B. Tech Biotechnology	Dr.A. Abudhahir	NBA - Review Meeting - Criteria 4&5	IQAC Office	2.30 pm to 4.30 pm	Organized
2	12.07.2023	B. Tech Programmes (Civil and EEE)	Dr.A. Abudhahir	NBA - Review Meeting - Criteria 4&5	IQAC Office	10.30 am to 12.30 pm & 2.30 pm to 4.30 pm	Organized
3	12.07.2023	IQAC Office	--	ABET - Workshop	IQAC Office	5.30 pm to 8.30 pm	Attended
4	13.07.2023	B.Tech Programmes (EEE)	Dr.A. Abudhahir	NBA - Review Meeting - Criteria 4&5	IQAC Office	10.15 am to 12.30 pm	Organized
5	17.07.2023	Team - IQAC Office	--	UGC - IKS - Face to face training programme for Faculty members - Online meeting	IQAC Office	4.30 pm	Attended
6	18.07.2023	B. Tech Mechanical	Dr.A. Abudhahir	NBA - Review Meeting - Criteria 4&5	IQAC Office	10.30 am to 12.30 pm	Organized
7	18.07.2023	School of Life Science	Dr.A. Abudhahir	COPO - Training Session	Conference Hall - LS Block	2.30 pm to 4.30 pm	Attended
8	19.07.2023	Team - IQAC Office	--	NAD/ABC - Online meeting	IQAC Office	11.30 am to 01.00 pm	Attended
9	21.07.2023		---	HODs / Deans / Directors - Meeting	CSB Block	10.00 am	Attended

S. No	Date	Name of the Department	Resource Person	Name of the Activity	Venue	Time	Programmes Organized / Attended
10	31.07.2023	Team – IQAC Office and Team – MIS, Data Center	---	Mastersoft Discussion - IQAC Module	IQAC Office	2.30 pm to 4.30 pm	Attended
11	01.08.2023	B. Tech Biotechnology and EEE	Dr.A. Abudhahir	NBA - Review Meeting 2 - Criteria 1,2&3	IQAC Office	2.30 pm to 4.30 pm	Organized
12	02.08.2023	B. Tech Mechanical	Dr.A. Abudhahir	NBA - Review Meeting 2 - Criteria 1,2&4	IQAC Office	4.30 pm to 6.30 pm	Organized
13	11.08.2023	Criteria - 8 Co-Ordinators	Dr.A. Abudhahir	NBA - Review Meeting - Criteria 8	IQAC Office	03.00 pm to 6.30 PM	Organized
14	14.08.2023	Criteria - 9 Co-Ordinators	Dr.A. Abudhahir	NBA - SAR Review Meeting - Criteria 9	IQAC Office	03.00 pm to 06.00 pm	Organized
15	14.08.2023	Criteria - 10 Co-Ordinators	Dr.A. Abudhahir	NBA - SAR Review Meeting - Criteria 10	IQAC Office	04.15 pm to 5.30 pm	Organized
16	16.08.2023	Civil Engineering - School of Infrastructure	Dr.A. Abudhahir	NBA - Final Review	IQAC Office	11.00 am to 01.30 pm	Organized
17	17.08.2023	B.Tech (Biotechnology) - (SLS)	Dr.A. Abudhahir	NBA - SAR Review Meeting - Criteria 6 & 7	IQAC Office	03.00 pm to 06.30 pm	Organized
18	17.08.2023	B.Tech (Mechanical Engineering)	Dr.A. Abudhahir	NBA - SAR Review Meeting - Criteria 6 & 7	IQAC Office	06.30 pm to 08.00 pm	Organized
19	18.08.2023	Electronics and instrumentation engineering	Dr.A. Abudhahir	Student Induction Program Role of Instrumentation Engineering Various Sector	EIE Seminar Hall	02.15 pm to 02.30 pm	Attended
20	19.08.2023	B.Tech. Civil Engineering	Dr.A. Abudhahir	NBA - SAR Review Meeting - Remaining Criteria	IQAC Office	2.30 pm to 05.00 pm	Organized

S. No	Date	Name of the Department	Resource Person	Name of the Activity	Venue	Time	Programmes Organized / Attended
21	21.08.2023	B. Tech EEE	Dr.A. Abudhahir	NBA - SAR Review Meeting	IQAC Office	10.00 am to 1.00 pm	Organized
22	22.08.2023	B. Tech EEE	Dr.A. Abudhahir	NBA - SAR Review Meeting - Criteria 3,6,7	IQAC Office	02.30 pm to 04.30 pm	Organized
23	23.08.2023	B. Tech EEE	Dr.A. Abudhahir	NBA - SAR Review Meeting - Remaining Criteria	IQAC Office	02.30 pm to 05.30 pm	Organized
24	24.08.2023	B.Tech. Civil Engineering	Dr.A. Abudhahir	NBA SAR - Review by VC, Pro-VC and Registrar	IQAC Office	09.30 am to 11.20 am	Organized
25	24.08.2023	B.Tech Biotechnology	Dr.A. Abudhahir	NBA - SAR Review Meeting - Criteria 1 to 7	IQAC Office	03.00 pm to 06.00 pm	Organized
26	25.08.2023	B.Tech (Biotechnology) B.Tech (Civil Engineering), B.Tech (EEE), B.Tech (Mechanical)	Dr.A. Abudhahir	NBA-SAR submission for the four Programmes	IQAC Office	03.00 pm to 04.00 pm	Organized
27	28.08.2023	Team – IQAC Office and Team – MIS, Data Center	Dr.A. Abudhahir	MIS - Access Demonstration	IQAC Office	11.00 am to 12.30 pm	Attended
28	28.08.2023	ODL/OL Office	Dr.A. Abudhahir	CDOE - Review of (CIQA) Annual report	ODL/OL	03.00 pm to 5.30 pm	Reviewed
29	01.09.2023	B.Tech (Biotechnology) B.Tech (Civil Engineering), B.Tech (EEE), B.Tech (Mech)	Dr.A. Abudhahir	NBA - Collection and Arrangement of documental evidence / proof for the Placement data submitted in the SAR for four UG Engineering	IQAC Office	03.00 pm to 04.00 pm	Organized
30	10.10.2023	Dean (AA)	-	HODs / Deans / Directors - Meeting	Seminar Hall III	10.00 am to 12.00 pm	Attended

S. No	Date	Name of the Department	Resource Person	Name of the Activity	Venue	Time	Programmes Organized / Attended
31	10.10.2023	IQAC OFFICE Dr. A. Abudhahir Dr. M. Mohammed Thaha Dr. N. Rajendran	-	ABET - Workshop	IQAC Office	06.00 pm	Attended
32	12.10.2023	IQAC Office Dr. A. Abudhahir Dr. M. Mohammed Thaha Dr. N. Rajendran	-	ABET - Workshop	IQAC Office	06.00 pm	Attended
33	17.10.2023	IQAC Office Dr. A. Abudhahir Dr. M. Mohammed Thaha	-	ABET - Workshop	IQAC Office	06.00 pm	Attended
34	17.10.2023	IQAC Office	-	MM-TTP - Online Meeting	Online	02.00 pm	Attended
35	17.10.2023	ODL/OL Office	-	CDOE - Islamic Studies	Board room	11.15 am or 11.30 am	Attended
36	17.10.2023	ODL/OL Office	-	Consultative meeting with VC - ODL/OL	Online	9.30 am to 10.30 am	Attended
37	18.10.2023	IQAC Office	-	NSRIT - FTP Session - External Online Meeting	Online	11.30 am to 12.30 pm	Attended
38	19.10.2023	IQAC OFFICE Dr. A. Abudhahir Dr. M. Mohammed Thaha	-	ABET - Workshop	IQAC Office	06.00 pm	Attended
39	19.10.2023	EIE Department	-	EIE - Research Committee Meeting	EIE Department	9.30 am to 10.30 am	Attended
40	09.11.2023	Mechanical, EEE, Civil, Biotechnology	Dr.A. Abudhahir	Briefing and brainstorming session on curation of criterion-wise documents for NBA Tier I Accreditation	EEE Seminar Hall	2.30 pm	Organized
41	10.11.2023	Mechanical, EEE, Civil, Biotechnology	Dr.A. Abudhahir	Briefing and brainstorming session on curation of Institute level criterion (8, 9 & 10) for NBA Tier I Accreditation	IQAC Office	10.30 am	Organized

S. No	Date	Name of the Department	Resource Person	Name of the Activity	Venue	Time	Programmes Organized / Attended
42	22.11.2023	Mechanical, EEE, Civil, Biotechnology, COE Office	Dr.A. Abudhahir	Examination Timetable to be postponed for the four department because of NBA Visit	IQAC Office	2.30 pm	Organized
43	22.11.2023	CIIC	-	CIIC Meeting	Online		Attended
44	23.11.2023	Mechanical, EEE, Civil, Biotechnology	Dr.A. Abudhahir	Orientation session for program evaluators of NBA Accreditation Internal Mock Visit (IMV)	IQAC Office	2.30 pm	Organized
45	29.11.2023	Mechanical, EEE, Civil, Biotechnology	Dr.A. Abudhahir	Briefing session on NBA Accreditation Internal Mock Visit for Institute level criterion (8, 9 & 10)	IQAC Office	10.30 am	Organized
46	29.11.2023	Mechanical, EEE, Civil, Biotechnology	Dr.A. Abudhahir	Orientation session for program evaluators of NBA Accreditation Internal Mock Visit (IMV) - ILC (8, 9 & 10)	IQAC Office	12.00 noon	Organized
47	29.11.2023	Mechanical, EEE, Civil, Biotechnology	Dr.A. Abudhahir	NBA Accreditation External Mock Visit (IMV) - Working Committee Meeting with convenors	Seminar Hall - III	3.00 pm	Organized
48	30.11.2023	Mechanical, EEE, Civil, Biotechnology	Dr.A. Abudhahir	NBA Accreditation External Mock Visit (IMV) - Transport Working Committee Meeting	IQAC Office	10.00 am	Organized
49	08.12.2023	Mechanical, EEE, Civil, Biotechnology	Dr.A. Abudhahir	Meeting to discuss the letter received from NBA for the Expert Team Visit	IQAC Office	12.15 pm	Organized
50	13.12.2023	(Deans/HoDs of Mech, Civil, EEE, and Biotech programmes, CoE, Dean/AA, Dean/Research, Dean/Student Affairs, All the Directors, Deputy Director/CMD, CEO/CIIC, Librarian, Finance Officer, DRF, and NSS Coordinator)	Dr.A. Abudhahir	NBA - Institute's presentation - Factual data review meeting	Seminar Hall - III	2.30 pm	Organized

S. No	Date	Name of the Department	Resource Person	Name of the Activity	Venue	Time	Programmes Organized / Attended
51	15.12.2023	B.Tech (Civil), B.Tech (Mech), B.Tech(EEE) and B.Tech (Biotechnology)	Dr.A. Abudhahir	NBA Expert Team Visit (ETV) - Inaugural Meeting	Seminar Hall - III	8.30 am	Organized
52	18.12.2023	Dean, HoD, Directors	-	Meeting of standing committee of 21st Academic Council on 18.12.2023	Seminar Hall - III	2.00 pm	Attended
53	20.12.2023	Dean, HoD, Directors	-	21st Meeting of Academic Council	Seminar Hall - III	10.00 am	Attended
54	05.01.2024	Deans, Directors	-	Crescent Research - 52nd Research Board Meeting	Seminar Hall - III	10.00 am	Attended
55	29.01.2024	CIIC office staff	Dr. A. Abudhahir	NIRF 2024 Innovation category ranking - data review meeting	IQAC Office	4.45 pm	Organized
56	31.01.2024	Dean, HoD, (B.Tech., M.Tech., B.Des., MBA, MBA (IEV), MCA, BBA,BCA courses, MBA (ODL & OL) and MCA (ODL & OL)	Dr. A. Abudhahir	AICTE Extension of Approval (EoA) for the forthcoming academic year 2024-25	Seminar Hall - III	10.00 am	Organized
57	02.02.2024	IQAC Office	-	QS workshop	Online	10.00 am	Attended
58	14.02.2024	ODL/OL Office	Dr. A. Abudhahir	Third Meeting of CIQA	Seminar Hall - III	10.30 am	Attended
59	17.02.2024	MIS	-	To discuss Student Satisfaction Survey	IQAC Office	4.00 pm	-
60	28.02.2024	AISHE - Meeting	-	AISHE 2022-23 Survey- University Nodal officers meeting with MOE	IQAC Office	11.00 am	Attended
61	28.02.2024	Times of India	-	Meeting with Mr. Lakshmanan	Registrar office	2.30 pm	-

S. No	Date	Name of the Department	Resource Person	Name of the Activity	Venue	Time	Programmes Organized / Attended
62	29.02.2024	IQAC, COE, Director - Data Centre, Deputy Director (Campus Development & Maintenance), Pro VC	-	Neotouch - LED TV - Demo	IQAC Office	11.00 am	Attended
63	19.03.2024	IQAC Office	-	NAAC - Stakeholders Meeting	Online	11.00 am	Attended
64	20.03.2024	Dean and Directors Meeting		To Review the newly developed website - Regarding	Seminar Hall - III	2.30 pm	Attended
65	27.03.2024	THE Meeting	-	Life Long Learning - Online Meeting	Online	2.30 to 3.30 pm	Attended
66	02.04.2024	THE Meeting	-	THE Masterclass	Online	12.30 to 1.30 pm	Attended
67	03.04.2024	IQAC, Dean AA, Dean CSB & CIR	-	Discuss about Twinning program - AICTE	IQAC Office	2.00 pm	Attended
68	03.04.2024	IQAC, Dean CSB	-	KRAMA Software	Online	3.00 pm	Attended
69	18.04.2024	IQAC Office, Dean AA, CIR	-	Meeting with MR. Ritin Malhotra - THE Impact Ranking	Board room	4.00 pm	Attended
70	08.05.2024	IQAC Office, M.Tech Structural and Biotechnology - B.Tech (EIE) and MCA	-	NBA Accreditation - Tentative Schedule for Pre-Qualifier and SAR Submission - Reg.	IQAC Office	11.30 am	Organized
71	09.05.2024	EIE	-	NBA Accreditation - Meeting	EIE - Seminar Hall	2.00 pm	Attended
72	04.06.2024	IQAC with Mr. Krishna Raj (Sr. Manager - QS I Gauge)	-	Meeting to discuss about QS I Gauge Ratings	IQAC Office	11.00 am	

S. No	Date	Name of the Department	Resource Person	Name of the Activity	Venue	Time	Programmes Organized / Attended
73	26.06.2024	Student Affairs	-	Meeting to Discuss UGC and Anti-Ragging HEIs Compliance Requirements	IQAC Office	4.30 pm	Attended
74	26.06.2024	IQAC, Department of Mathematics & Actuarial Science	-	To discuss the feasibility of the M.Sc Actuarial Science program for IAI accreditation	IQAC Office	3.00 pm	Attended
75	26.06.2024	Dr. S. Revathy / CSE	-	UMIS - Student registration - Login Credentials - for all twelve schools	IQAC Office		Attended
76	27.06.2024	IQAC Office, M.Tech Structural	-	NBA Accreditation - Pre-Qualifier Review - Reg.	IQAC Office	10.00 am	Organized
77	28.06.2024	IQAC Office, M.Tech Biotechnology	-	NBA Accreditation - Pre-Qualifier Review - Reg.	IQAC Office	3.00 pm	Organized
78	08.08.2024	IQAC Office, M.Tech Structural	-	NBA Accreditation - Pre-Qualifier Review - Reg.	IQAC Office	2.30 pm	Organized
79	08.08.2024	IQAC Office, M.Tech Biotechnology	-	NBA Accreditation - Pre-Qualifier Review - Reg.	IQAC Office	3.30 pm	Organized
80	08.08.2024	IQAC Office, Tarun Sharma	-	One Banc Teach Private Limited - Software-Reg.	IQAC Office	4.30 pm	Organized
81	09.08.2024	IQAC Office, M.Tech Structural and ,M.Tech Biotechnology	-	NBA Accreditation - Pre-Qualifier Submission	IQAC Office	3;30 pm	Organized
82	09.08.2024	IQAC Office,From Other College	-	Accreditation - Reg.	IQAC Office	12;00pm	Organized
83	12.08.2024	IQAC Office, Adhiparasakthi, Tagore, Jerusalem, Peri colleges of Engineering with ViceChancellor, Registrar	Dr.A.Abudhahir	AICTE-MOU Singing Ceremony -Reg	Seminar Hall III	11:00am	Organized

5.2 External Members visited Office of Director (IQAC)

S. No	Date	Name of the Organization	Name of the Activity	Time
1	07.07.2023	Academy of Maritime Education and Training	Consultative Workshop on Draft Report for Reforms in Assessment, Accreditation & Ranking of Higher Educational Institutions - Online Meeting	10:00 AM
2	31.08.2023	The World University Rankings – Impact Rankings	Meeting with Mr. Ritin Malhotra	11.00 AM
3	07.09.2023	Tamil Nadu Open University, Chennai	Senior Professor(s) visit to Office of Director (IQAC)	02.30 pm to 04.30 pm
4	31.12.2023	Sri Siddhartha Academy Of Higher Education, Karnataka	Senior Professor(s) visit to Office of Director (IQAC)	02.30 pm to 04.30 pm
5	21.06.2024	Pace Institute	Senior Professor(s) visit to Office of Director (IQAC)	11.00 am to 12.30 pm

VI. SHARING AND NETWORKING WITH OTHER INSTITUTIONS

- Dr. A. Abudhahir, Director - IQAC, rendered his services as a Resource Person in various Seminars / Workshops/ Webinars organized by various other institutes either online or offline.

S. No.	Name of the Organization	Particulars	Positions Held	Date
1	AMET University, Chennai	FDP "Outcome Based Education for Effective Learning and Teaching"	Resource Person	26.07.2023
2	PPPG Institute of Technology, Coimbatore	NAAC Mentoring	Resource Person	05.08.2023 & 06.08.2023
3	Madras Institute of Technology, Chennai	NBA - Expert Visit	Expert Member	09.09.2023
4	St. Peter's Institute, Avadi, Chennai.	Academic Audit for the Departments of Faculty of – Engineering,	Resource Person	13.10.2023 & 14.10.2023
5	Jerusalem College of Engineering,	Expert Discussion on NBA Pre Qualifier & SAR preparedness	Expert Member	15.10.2023
6	Biju Patnaik University of Technology, Odisha, Rourkela	Symposium on Step-in to NIRF	Resource Person	20.10.2023
7	Madras Christian College, Tambaram	To evaluate the department "Best Performing Department Award 2022-23"	Resource Person	01.11.2023 to 02.11.2023
8	PPG Institute of Technology, Coimbatore	NAAC Mentoring	Expert Member	19.11.2023
9	St. Peter's Institute of Higher Education & Research	Academic Council Meeting	Expert Member	27.11.2023
10	Karunya Institute of Science and Technology, Coimbatore	NBA - Expert Visit	Resource Person	18.12.2023
11	Ramco Institute of Technology	Interactive Session about NIRF	Expert Member	21.12.2023 22.12.2023

S. No.	Name of the Organization	Particulars	Positions Held	Date
12	Velammal Institute of Technology	NAAC - SSR - Academic Audit	Expert Member	29.12.2023
13	VIT, Vellore	To review the NBA SARs	Expert Member	10.01.2024
14	Velammal Institute of Technology, Panchetti	NAAC SSR Audit	Expert Member	23.01.2024
15	VIT, Chennai	NBA Mentoring	Expert Member	22.02.2024
16	CMR Institute of Technology	Two days Workshop on "Revised NAAC Frame Work"	Resource Person	23.03.2024 to 24.03.2024
17	AMET University, Chennai	Introduction to National Education Policy NEP 2020	Resource Person	06.05.2024
18	College of Engineering, Guindy, Anna University, Chennai	NBA 3rd Phase Review Validation Committee Member	Expert Member	20.05.2024
19	Mandsaur University, Madhya Pradesh	To Attend Academic Council Meeting	External Member	20.06.2024
20	Jerusalem College of Engineering, Chennai	Mock visit - NBA Accreditation	Expert Member	22.06.2024
21	MAM College of Engineering, Trichy	NBA Accreditation - Mock Visit	Expert Member	05.07.2024 to 06.07.2024
22	Indira Gandhi Institute of Science and Technology	NAAC Mock Visit	Expert Member	16.08.2024 & 17.08.2024
23	KPR Institute of Engineering & Technology, Coimbatore	OBE Workshop	Resource Person	22.08.2024

VII. FACILITATIONS

AICTE Margdarshan Scheme

- The experience and expertise of our institute initiated to take on a new challenges and opportunities, and the Office of Director (IQAC) eagerly anticipate the prospect of participating in the Margdarshan Institute's mission.
- Having got the consents from the institutes to act as the Mentee Beneficiary Institute (MBI) the Office of Director (IQAC) prepared the application to be a Mentor Institute (MI) and submit the proposal with all the necessary annexures to AICTE on 30.09.2023.
- The list of MBIs are Adhiparasakthi College of Engineering, Kalavai, Jerusalem College of Engineering, Chennai, Peri Institute of Technology, Chennai and Tagore Engineering College, Chennai.
- Director (IQAC) attended the Online Evaluation Committee of Margdarshan Scheme for the finalization of the shortlisted Institutes and map the proposals received for MBI under Margdarshan Scheme 2023-24 on 16th & 17th January 2024.

During 29th April 2024, the Office of Director (IQAC) received the mail communication stating that the BSACIST has been selected as Mentor Institute (MI) under the AICTE-Margdarshan scheme and sanctioned a grant-in-aid of Rs. 12,00,000 (Rupees Twelve Lakh only) vide the sanction letter File No. 58-80 / Margdarshak Cell / 2024-25 / 1099 dated 29 April, 2024.

- The receipt of the first instalment (40% of the Grant-in-aid Sanctioned) of Rs. 4,80,000/- (Rupees four lakh eighty thousand only) has been received through NEFT transaction on 15th May 2024.
- A separate bank account has been opened by the Mentor Institute to maintain the Margdarshan Amount.
- As the first phase of Margdarshan activities, it is decided to conduct a three-day workshop to one of our Mentee Beneficiary Institutes (MBI) – Adhiparasakthi College of Engineering, G B Nagar, Kalavai, Ranipet from 10-12 July 2024.
- The following four faculty members of our institute have been identified as Resource Persons to conduct the workshop at the MBI. The resource persons have been paid Honorarium and Travel Allowance from the Margdarshan Fund as per the norms.
 - Dr. A. Abudhahir, Prof. / EIE and Director (IQAC)
 - Dr. W. Aisha Banu, Prof. & Head / CSE
 - Dr. M. Mohamed Thaha, Assoc. Prof. / CSE and Asst. Director (IQAC) and
 - Dr. J. Hemalatha, Assoc. Prof. / Management Studies

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
 Nelson Mandela Marg, Visakhapatnam, New Delhi-110070

File No. 58-80/Margdarshak Cell/2024-25 29th April, 2024

The Drawing and Disbursing Officer:
 All India Council for Technical Education
 Nelson Mandela Marg,
 Visakhapatnam, New Delhi-110070.

Subj: Release of Grants under Margdarshan Scheme during the current financial year 2024-25.

Sir,

This is to convey the sanction of the Council for allotment of grant-in-aid of Rs. 12,00,000/- under the "Margdarshan Scheme" to Institute (given below), for meeting the expenditure for implementing the scheme in order to improve the quality of technical education as a whole through accreditation by providing access to the facilities available in host institute, spread awareness about various initiative of AICTE and also provide guidance and support for achieving better NIP ranking. Overall, the Margdarshan Scheme will serve as a comprehensive framework for institutional development and accreditation enhancement in higher education.

1. Name of the Beneficiary Institution / University / College / Institute	B.S. Abdur Rahman Crescent Institute of Science and Technology Chennai Tamil Nadu 600 083
2. Chief Coordinator's Name	Dr. A. Abudhahir
3. Grant-in-aid Sanctioned	Rs. 12,00,000/-
4. Amount to be released as first instalment (40%)	Rs. 4,80,000/-
5. Duration	3 Years

1. The sanctioned grant-in-aid is debitable to the major Head 602.18 Margdarshan Scheme General & valid for payment during the Financial Year 2024-25.

2. The amount of grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grant-in-aid bill and shall be disbursed to and credited to the account of Principal/Director/Registrar B.S. Abdur Rahman Crescent Institute of Science and Technology through RTGS.

3. The Principal/Director/Registrar of the Institute and the Chief Coordinator of the project are requested to verify the correctness of the under mentioned bank account/RTGS details submitted by them along with the proposal, in which the Grant is being released.

Institute PAN Number	Bank Name	Branch Name	Bank Address	Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAABT8006G	Indian Overseas Bank	Vandavasi	Crescent Campus, CIT Road, Vandavasi, Chennai 600048	Dr. N. Raja Prasad, Registrar	Current	16370200000078	9016550000	008A0

In case of any omission, the same should be reported to AICTE immediately.

On Sakhi

ADHIPARASAKTHI COLLEGE OF ENGINEERING
 (MAAC Accredited)
 (Approved by AICTE & Affiliated to Anna University, Chennai)
 G.B.Nagar, Kalavai - 632 506, Ranipet Dt.,

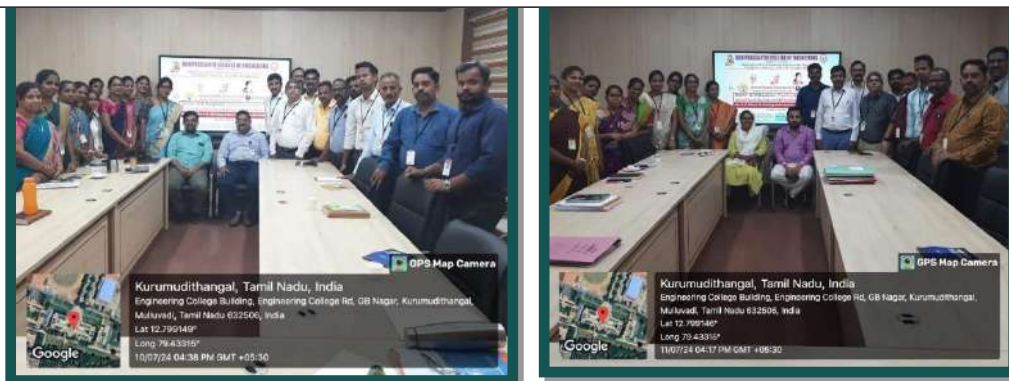
Internal Quality Assurance Cell
 Cordially invite you all to the occasion of the
BSACIST - AICTE Margdarshan : Three Days Workshop on Outcome Based Education and NBA Accreditation Process

Resource Persons

1. Dr. A. Abudhahir, Professor / EIE & Director (IQAC)	2. Dr. W. Aisha Banu, Professor & HOD / CSE
3. Dr. M. Mohamed Thaha, Asst. Director IQAC & Assoc. Prof / CSE	4. Dr. J. Hemalatha, Asst. Professor / MBA

Date : 10 - 07 - 2024 to 12 - 07 - 2024
Timings: 09.30 am to 04.30 pm
Venue: AP&E, AV Hall

Three Day workshop on Outcome Based Education and NBA Accreditation Process



AICTE Margdarshan Scheme – MoU Signing Ceremony

As part of the Margdarshan initiatives, we need to formalize a Memorandum of Understanding (MoU) between the Mentor Institute (MI) and the following Mentee Beneficiary Institutes (MBIs).

- Adhiparasakthi College of Engineering, Kalavai, Ranipet
- Jerusalem College of Engineering, Narayanapuram, Pallikaranai, Chennai
- Peri Institute of Technology, Tambaram, Chennai
- Tagore Engineering College, Rathinamangalam, Vandalur, Chennai

AICTE - MARGDARSHAN

We Cordially invite you to the
MOU SIGNING CEREMONY

MENTOR INSTITUTE (MI) **MENTEE BENEFICIARY INSTITUTES (MBIs)**

Crescent
 B.S. Abdur Rahman
 Institute of Science & Technology

ADHIPARASAKTHI
 Kalavai

TAGORE
 Chennai

JERUSALEM
 Chennai

PERI INSTITUTE
 Chennai

between

August 13, 2024 | Tuesday | 11.00 am - 11.45 am | Seminar Hall - III

in the presence of

Dr. T. Murugesan
 Vice Chancellor

Dr. N. Thajuddin
 Pro Vice Chancellor

Dr. N. Raja Hussain
 Registrar

Dr. M. Mohammed Thaha
 Asst. Prof. / CSE Dept.
 & Asst. Director (IQAC)

Dr. A. Abudhahir
 Chief Coordinator - AICTE Marg.
 & Director (IQAC)

INTERNAL QUALITY ASSURANCE CELL

In this regard, the Office of the Director (IQAC) organized an MoU Signing Ceremony on August 13, 2024 (Tuesday).



MoU with Adhiparasakthi



MoU with Jerusalem



MoU with Peri



MoU with Tagore

IQAC – Consultancy wing:

The Office of Director (IQAC) established a Consultancy Wing to offer educational mentoring services to other higher education institutions in India and abroad. The services will cover a range of Quality Assurance Initiatives, including Faculty Training and Workshops on Outcome-Based Education (OBE), Outcome-based Curriculum Design, Innovative Pedagogical Initiatives, Assessment Practices, Teaching-learning Processes, Assessment and Evaluation, Conceive-Design-Implement-Operate (CDIO) Curricular Framework Implementation, Sustainable Development Goals (SDGs) focused curriculum development, Design and Development of T-Shape education model, Internal Quality Assurance Cell Roles and Functions, Quality Assurance through National Board of Accreditation (NBA), National Assessment and Accreditation Council (NAAC), Accreditation Board for Engineering and Technology (ABET) Accreditation, as well as rankings such as National Institutional Ranking Framework (NIRF), Times Higher Education (THE WUR and Impact), QS (WUR and Sustainability) and ISO audit.

<https://crescent.education/consultancy-wing/>

**CENTRE FOR SUSTAINABLE DEVELOPMENT (CSD) &
CENTRE FOR SPONSORED RESEARCH INDUSTRY AND CONSULTANCY (CSRIC)**

1. Dr. Md.Khurshid Alam Khan, Associate Professor/SLS received a grant of Rs.65.26 Lakhs from Indian Council of Medical Research(ICMR),Govt.of India to carry out the research project titled “ Structure based Design and Development of Selective New Delhi Metallo beta lactamse-1 inhibitors to combat Antibiotic Resistance”. The duration of the project is 3 years.
2. Under Seed money grant, 49 faculty members are selected to carry out the research projects funded by our institution. Total grant of Rs.30.5 lakhs is sanctioned. The expected outcome of the projects will be publications in journals, patents and prototype model development. From 2023, the seed money grant will be awarded twice a year to motivate young researchers.
3. Since characterization and testing are mandatory for any research work, our institution provides financial support to the full time Ph.D scholars by reimbursing the characterization and testing charges.
4. In the academic year 2023-24, our faculty members have submitted 159 applications to various government funding agencies worth Rs.58.55 Crores. In 2024-25, 31 applications are submitted worth Rs.26.75 Crores.
5. Ministry of Electronics and Information Technology (MeiTY) has granted free license of the global VLSI EDA software developer ‘Synopsys Ltd’ for three years for our institution under “Chip to Startup (C2S) Programme”. Synopsys is an industry standard proprietary software used by all semiconductor industries across the world. The students and faculty members working on VLSI design can learn and carry out research projects with this tool. CDAC, Bangaluru has provided the campus license for all the tools of Synopsys. Dr.P.K.Jawahar, Director(CSD) and Professor (ECE) is the chief investigator for the C2S programme.
6. Our institution has registered the membership “State Medicinal Plants Board,Tamil Nadu”. National Medicinal Plants Board, Government of India grants funds for sponsored projects only if the institution is a member of SMPB through “AYHUSH”.
Dr. R. Murugeswaran, Deputy Director, National Medicinal Plants Board, New Delhi visited the office of CSD on 16th April 2024 and discussed about the various grants offered by AYUSH.

CAREER DEVELOPMENT CENTRE (CDC)

The campus recruitment process started in the month of July 2023. **143 companies** have conducted their campus recruitment process through virtual / on-campus mode and **695 offer** got our eligible students. Placed inspite of awaiting results from few companies.

Year	Total No. of Companies Visited	Total No. of offers	No. of Core Companies Visited	No. of offers in Core Companies	No. of IT / ITES Marketing / Sales Companies Visited	No. of offers in IT / ITES / & others
2023-24	143	695	44	238	99	457



* - Results awaited some of companies

1. Highlights of Placements: 2023 Passing Batch:

- ❖ One B.Tech. (AI&DS) student got an offer from Sagent India Pvt., Ltd., with a salary package of Rs.10.00/- Lakh per annum through the On-campus campus drive which was held during the month of August 2023.
- ❖ One MBA student got offer from M/s. Gulf Asia Engineering and Projects Pvt., Ltd., (International placement) with annual salary of Saudi Arabia Riyal 34000/- per annum.
- ❖ FIVE students from B.Tech. (AI&DS - 3, MBA – 2) got offer from M/s. Jaro Education with annual package of Rs.8.70/-LPA
- ❖ Wiley mthree recruitment process conducted in the month of June 2023. One of our B.Tech. (AI&DS) student got offer with a salary package of Rs. 9.00/- LPA.
- ❖ Three of our B.Tech. (AI&DS / EEE / ECE – each 1) student got offer from Embedur Systems (I) Pvt., Ltd., with a salary package of Rs. 8.00/- Lakhs per annum
- ❖ Flowserve India Controls Pvt., Ltd., recruitment process conducted in the month of November 2023. Three (3) B. Tech. (Mechanical) students got offer from with salary package of Rs. 7.50/- LPA.
- ❖ Nine (9) MBA students got offer from Urbanrise campus drive held in the month of January 2024 with salary package of Rs. 7.44/- Lakhs per annum.
- ❖ Info Edge pooled campus drive conducted in the month of November 2023, 3 students got offer from Management Studies with annual CTC of Rs. 6.75/-LPA.

- ❖ Three students from B.Tech. (CSE- 2 , Cyber Security – 1) got offer from M/s. Surveys Sparrow with annual package of Rs. 6.50/-LPA
- ❖ Corizo Edutech Pvt., Ltd., conducted virtual drive in the month of November 2023, 20 students got offer from Management Studies with annual package of Rs. 6.50/- LPA
- ❖ Daikin Air-conditioning India Pvt., Ltd., campus drive held in the month of February 2024, 2 students got offer from B. Tech. (Mechanical) with annual CTC of Rs. 6.25/- LPA.
- ❖ Kaar Technology on-campus recruitment process held in the month of September 2023, one of our B.Tech. (AI&DS) student got offer with an annual salary of Rs. 6.50/-LPA.
- ❖ Three B.Tech.(CSE) students got offer from BNP Paribas India Solutions Pvt., Ltd., with annual salary of Rs. 6.00/- LPA.
- ❖ Cognizant Technology Solutions (Japanese) recruitment process held in the month of June 2024, One student got offer from B.Tech.(AI&DS) with annual CTC of Rs. 6.00/-LPA.
- ❖ PWC Campus drive held in the month of August 2023, one of our B.Tech. (CSE) student got offer with annual package of Rs. 6.00/- LPA.


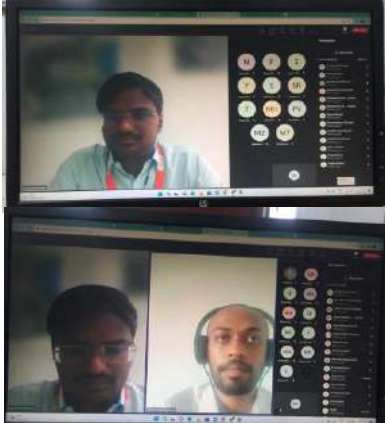

2. Training Programmes organized:

1	<p>Career Development Center was organized industry-specific training for the students of Arts, Science, and pharmacy courses. The training was a five full day programme commenced from 19.03.2024 to 23.03.2024 (Tuesday to Saturday). Post the training the Career Development Centre organized a job fair on 28.03.2024 to enhance the chances of the students getting placed.</p>	
2	<p>A Special training organized for Accenture registered students on 07.11.2023. 80 students participated out of the eligible 118 students</p>	

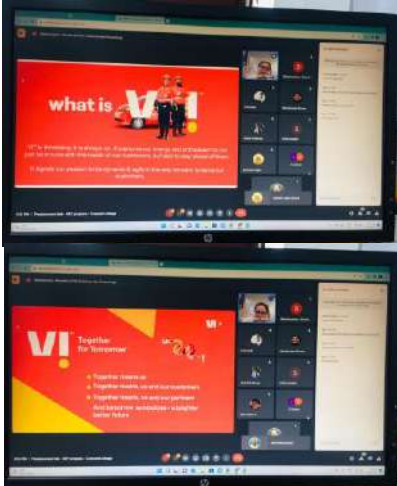

3	<p>The second phase of Industry Specific training for registered students of B.Tech. (All streams) 2024 passing batch from 25.10.2023 to 27.10.2023. Students have been grouped batch wise on the preliminary assessment test.</p>	
4	<p>Career Development Centre organized first phase of Industry Specific training for MCA students 2024 passing batch from 25.10.2023 to 02.11.2023. 115 students took participated in this session.</p>	
5	<p>Career Development Centre organized first phase of Industry Specific training for interested students of B.Tech. (all streams) & MCA 2024 passing batch from 25.09.2023 to 27.09.2023. Students have been grouped batch wise on the preliminary assessment test.</p>	
	<p>Industry Relations conducted a Study Overseas Seminar on “Everything you need to know about TOEFL and GRE” on 9.10.2023 from 11.00 am to 12.40 pm in the Seminar Hall 1, Convention centre for the benefit of our II, III & final year students from all courses who are interested in pursuing higher studies abroad.</p> <p>Name of the Guest Speaker: Mr. Naveen Kumar, ETS India.</p>	 

3. Pre-Placement Talk

1	<p>M/s. Zohocorp conducted the Pre Placement Talk, and Level 1 - Group Discussion Communication on 22.04.2024 for B.Tech / M.Tech (All Branches), Arts & Sciences / Life Sciences / B.A Islamic Studies of 2024 Batch .Number of Students Attended: 212</p> 	 
2	<p>M/s. Bharat FIH (Foxconn Technology Group Company) conducted the Pre Placement Talk on 03.04.2024 and Technical & HR Interview for B.Tech (ECE, EEE & EIE) of 2024 & 2023 Batches. Handled the entire Interview process by Mr.Tim - Head Technical Manager / Taiwan</p> <p>Salary Package: 3.07 LPA.</p> <p>Number of Students Attended: 17</p>	  

3	<p>M/s. Alembic Pharmaceuticals Ltd. conducted the Pre Placement Talk & Interview for B.Pharm & B.Sc Life Sciences of 2024 Batch.</p> <p>Number of Students Attended: 17.</p> <p>Mr. Parth Saha- HR handled the entire process.</p>	
4	<p>M/s. Aliens Group conducted the Pre Placement Talk on 03.11.2023 & Interview for B.Tech (All Streams) & MBA of 2024 Batch.</p> <p>Number of Students Attended: 113.</p> <p>Salary Package: 7 LPA.</p> <p>Mr.Manikanta - HR handled the entire process.</p>	
5	<p>M/s. PwC UK AIMS Mumbai conducted the Pre Placement Talk for TPO's on 16.10.2023:. Eligible Branches UG & PG (BA, BSc, MA, MSc, Commerce, Engineering, Computer Science, Management, Statistics, Mathematics) of 2024 Batch.</p> <p>Handled the Session by Ms.Ankita Bhogle (UK - HR)</p>	

6	<p>M/s. ESAF Small Finance Bank conducted the Pre Placement Talk for TPO's on 13.10.2023. Eligible Branches: PG (All Streams) of 2024 Batch.</p> <p>Handled the Session by Mr. Bobby Abraham Mathew (Head H R, ESAF Small Finance Bank</p>	
7	<p>M/s. CEI India Private Limited conducted the Pre Placement Talk & Written Test for B.Tech (CSE, IT, AI & DS), M.Tech - CSE/IT & MCA of 2024 Batch.</p> <p>Number of Students Attended: 124.</p> <p>Ms. Swetha - Senior HR handled the entire Drive.</p>	
8	<p>Zifo RnD Pre-Placement Talk conducted for the Life Sciences Students and M.Sc. Chemistry, B. Pharm. & M. Pharm final year (2024) Passing batch on 2.08.2023. 102 students had participated. They quoted the annual package of Rs. 4.76/- LPA.</p>	

9	<p>M/s. Vodafone Idea Limited conducted the Pre Placement Talk for B.Tech (CSE, IOT, AI & DS, Cybersecurity & ECE) of 2024 Batch.</p> <p>Number of Students Attended: 35.</p> <p>Ms.Niveditha / VP HR handled the Session. *Salary Package: 5.5 LPA</p>	
10	<p>Dr.Vijayalakshmi from Thitpam conducted a Self-Awareness program through Psychometric Testing - Workshop for MBA students.</p> <p>Number of Students Attended: 60</p>	

4. Industry / Organization Visits:

S. No	Programme	Photos
1	<p>Tamil International information technology Research Conference 2024 at Chennai Trade centre.</p> <p>I'm thrilled to be attending the Tamil IT Research conference with my talented cyber security students. It's an honour to be surrounded by like-minded individuals who share our passion for technology and safety. Special shoutout to Predeep, CTO and Adviser to Tamilnadu Cyber Crime Department, who's an inspiration to us all. Looking forward to insightful discussions and valuable learnings!</p>	  
2	<p>L&TLTI Mindtree Meeting on 20.03.2024 at 11.00 am</p> <p>Advanced Industry – Integrated M.Tech. Program:</p> <p>Discussed an Industry - Integrated M.Tech program with LTI Mindtree and L&T EduTech, a meeting was conducted in LTI Mindtree, LnT HQ, 20.03.2024 at 11.00 am.</p> <p>The following staff members from Crescent visited L&T to meet & strategise about offering Advanced Industry – Integrated M.Tech. Program: Proposed Postgraduate Courses for Integration:</p> <p>M.Tech in Internet of Things (IoT)</p> <p>M.Tech in Applied Artificial Intelligence and Machine Learning</p> <p>M.Tech in Artificial Intelligence and Data Science</p> <p>M.Tech in Cybersecurity</p> <p>1.Dr. Mohamed Ismail, Dean (Academic Affairs)</p> <p>2.Dr. K. Ganesh, Director, CDC / IR</p> <p>3.Dr. Sharmila Sankar, Dean (SCIMS)</p> <p>4.Dr. W. Aisha Banu, Prof. & Head., (CSE)</p> <p>5.Dr. Pakkir Mohideen, Prof. & Head. (CA)</p> <p>6.Dr. N. Prakash, Prof. & Head. (IT)</p>	  

3	<p>Dr. K Ganesh, Director and Mr. John K Mathew visited in Bosch on 19.10.2023 and discussed about the Industry collaboration for campus placement and Internship for our students.</p>	
4	<p>We have visited the Sagent India Pvt Ltd., Industry and discussed with HR head and our Alumnus inviting for campus placement and internship to our 2024 passing batch students.</p>	
5	<p>Director, CDC participated in the TN HR SUMMIT 2023 organized by the Confederation of Indian Industry (CII) on 08.09.2023 at Chennai</p>	
6	<p>Visited MKS vision, Hyderabad (A US based Co.) on 20.07.2023 and interacted with their COO & HR Team regarding post placement feedback, upcoming Placement etc. They are planning to come in Aug 2nd week for the campus drive (it is a Core Company for Mech, ECE, EEE & CSE students).</p> <p>It was great opportunity to interact with 3 of our placed students - Mr Suhail Diauddin Syed, Mr. Mohammed A, Mr. Mohamed Aasif S (Crescent Alumni - Mech 2022).</p> <p>Also met Mr. Ram S Jeevan, CEO, Pyramid Ltd., and Mr. Akhail, CEO, Xplore, Hyderabad</p> <p>This is one of our best practices of CDC & Industry Relations post placement.</p>	

7	<p>Mr Brad Loiselle, CEO, Skills Council of Canada & Team Discussed about CGOR and Crescent Green Placement initiative, Green Skills and Green Jobs on 09.10.2023. As the world today strives to transition to low carbon economic models, our education & skill training systems must support the sustainable transition toward green economies through lifelong learning approaches. Green skilling is recognized as important to align the capacities of individuals with systems change towards sustainability.</p> <p>An additional 8.4 million jobs could be created for young people aged 15-29 by 2030 as a result of the green transition." ILO 2022 report.</p>	
8	<p>Participated in the FICCI Global summit skills at New Delhi to map and build Skills according to the National education policy (NEP) 2020 released by Govt. of India. The summit was focused on:</p> <ul style="list-style-type: none"> • Creating a road map for a High-Quality Industry Led Skilling Ecosystem in India. • Help School, Vocational and Higher Education systems in achieving goals of NEP 2020. • Building Skills Empowering Youth. Creating Future was a theme of the summit and highlighted the role of Industry in all the aspects of education to employment for young India. 	

5. Achievements

We organized the **Job Fair for Arts & Sciences / B.A English / BCA / B.Sc CS / Life Sciences / B.Pharm / M.Pharm / B.Tech (BIOTECH, MECH, CIVIL, AUTO, AERO, POLYMER, EEE, EIE, ECE, CSE & IT Streams)** of 2024 & 2023 Batches at our Institute premises on 28.03.2024.

Highlights - Job Fair:

- 1.Total participated Companies: 25
- 2.Total Students Attended: 423
- 3.Selected Students Count: 242 Nos
- 4.Salary Package: Upto 5 LPA



Job Fair for OL – ODL - MBA / MCA students

Career Development Centre (CDC) & Cresoline (CDOE) jointly organized a Job Fair for OL / ODL MBA & MCA students and Regular MBA / MCA / B.Com. / BBA and all other interested students on **27.02.2024**.

Highlights of the Job Fair:

- ❖ 13 Companies were participated for recruitment
- ❖ 452 students have registered from various courses
- ❖ Three companies given their offer letter on the same day.
(Corizo, Evolution Technology & Incor.)
- ❖ 42 students got offer on that day
- ❖ Some of the companies having their next level process



Our university secured All India rank **42 (Out of 2000+ participating colleges across India in Internship Day for the year 2023.)**

Last year in 2022, we secured all India rank 216 among 1500 other participating colleges.



Mr Mohammed Aamir - B.Tech ECE – III year was the Regional Finalist of ICT Youth Talk 2023 and came in the Top 10 in Chennai Regional finals - organized by ICT Academy of Tamil Nadu on 3.10.2023, at Chennai Institute of Technology.

The esteemed jury members comprised of Industry experts & HR leaders who evaluated the contestants.



We have received an Award of "Excellence in Innovative Placement & Industry Practices 2023" from **Dr. Anju Sharma, IAS, Additional Chief Secretary, Labour, Skill Development & Employment Department, Government of Gujarat** at the 2nd Education Leaders Conclave & Awards organized by Govt. of Telangana & LinkedIn on 20.07.2023 -21.07.2023 at Hyderabad.



BSA Crescent Institute of Science and Technology for winning the National Employability Award 2023.

The award was given for being among the top 10% engineering campuses in India or in respective state, basis the performance of final year students in AMCAT, India's largest employability test.



We organized the Pooled Campus Drive of **M/s. Renault Nissan Technology and Business Centre India. 11 Colleges** were participated which has Technical & HR Interview for B.Tech (CSE, IT, Cyber Security, AI & DS, IOT) of 2024 Batch. *Total Attended: 286 out of 336 * Shortlisted: 71 Nos.

Mr. Shanmuganathan, DGM has presented and monitored the entire drive process with his HRs team of 26 persons.

The Renault Nissan product cars have displayed for the students innovative knowledge. We grabbed this opportunity for First time in Tamilnadu.

Highlights:

The Renault Nissan product cars have displayed for the students' innovative knowledge. We grabbed this opportunity for First time in Tamilnadu.

College List as follows:

1. Agni College of Engineering & Technology.
2. Agni College of Technology
3. Bharath Institute of Higher Education & Research
4. Chennai Institute of Technology
5. Dr.MGR Educational and Research Institute
6. Jeppiar Institute of Technology.
7. Loyola ICAM College of Engg. & Technology
8. PERI institute of Technology
9. Prathyusha Engineering College
- 10.Prince Group of Institutions
- 11.St.Joseph's Institute of Technology



Director (CDC) invited for an industry Engagement meeting by Industry Ministry & Naann Muthalvan of Tamil Nadu Government.



Director (CDC) was honoured and delighted to be part of TNGIM 2024.(Tamilnadu Global investors meet 2024 on 07.01.2024)

Engaged with various ministers, industry friends / experts & policymakers.

TNGIM 2024 is aiming to bolster Tamil Nadu's economic growth through collaboration between industry leaders and policymakers.

Thriving to grow - The inauguration of TNGIM2024.

"130+ Fortune 500 companies have planned their investments in Tamil Nadu.

In India, Tamil Nadu is the most industry-friendly state. "

The Hon'ble Chief Minister of Tamil Nadu, Thiru. M.K. Stalin.

"Tamil Nadu will be a key player in making India a superpower by 2047."

The Hon'ble Union Minister of Commerce and Industry, Consumer Affairs, Food and Public Distribution, and Textiles, Thiru. Piyush Goyal delivered the Chief Guest's address.



DATA CENTRE

- 60 users of Adobe licenses renewed for Campus wide usage to meet the curriculum and syllabus.
- 475 users of Microsoft licenses renewed for Campus wide usage.
- 2 Nos of 40KVA UPS were purchased and installed in the CA Department.
- 1 No of 20KVA UPS were purchased and installed in the ECE Department

CENTRAL LIBRARY

1. Details of Quality Improvement Programmes conducted / organized during July 2023 - June 2024

S.No	Details of the programme	Duration Days / Hrs.	Details of Collaborating Agency & Resource Person	Details of Participants		
				Students	Faculty	Others
1	Library Orientation Program for B.Tech First year students	50 Min	Dr.P.Panneerselvam Librarian	900	-	-
Outcomes: Library systems and services have been explained to the newly joined students. Encouraged to utilize the Library effectively.						
2	Author Workshop from Elsevier	3 Hours	Elsevier Publications Resource Person: Dr.Shubrah Dutta Customer consultant - Research	7	100	38 Research scholars
Outcomes: Structuring the manuscripts to write as a research article. How to find right Journal to submit the manuscript. Peer review and writing response letters.						
3	IEEE training program	1 hour	IEEE Publisher. Resource Person: Dr.Dhanu Pattanashett Senior IEEE Client Services/University Partnership Program Manager	275	50	75 Research scholars
Outcomes: Various contents of the Database have been clearly explained by hands on training.						
4	Orientation on Knimbus	1 hour	GIST, New Delhi. Resource Person: Mr.Predeep Periyasamy		175	300
Outcomes: Training on 'Off-campus Access' has been conducted. Various steps to access the e-Resources outside the campus have been clearly explained, including registration process.						

Crescent Readers Club

The Central Library has started Crescent Readers Club to foster reading habits among our students through various activities. The club publishes daily news to encourage students to read newspapers and related content. Further, we organize podcasts on books to inculcate reading habits among the students. We also organize various other activities for the same.

CENTRE FOR INTERNATIONAL RELATIONS

1. Salient Achievements

Dr. P. Rathna, Director (CIR) received Global Education Champion Award in the Round Table discussion with Prof. Jennifer Howell, Pro Vice-Chancellor – Global Engagement, The University of Western Australia on academic partnership opportunities held on 08.01.2024 at Taj Connemara, Chennai.



Ms Rasitha Arafa Rafiudeen, III Year B.Tech. Biotechnology received the TOEFL test registration voucher worth Rs 16900 from ETS India, based on an online quiz, conducted during the International Education Expo 2024 on 28.03.2024 and the same was felicitated by our Vice Chancellor Prof. Dr. T. Murugesan.



2. Details of Quality Improvement Programmes conducted / organized during July 2023 - June 2024

S.No	Details of the programme	Duration Days / Hrs.	Details of Collaborating Agency & Resource Person	Details of Participants		Outcome
				Students	Faculty	
1	Session on "Higher Studies & Opportunities in Germany and	22.08.2023	Ms. Kavitha Somasundaram, Regional Officer (Tamilnadu, Telangana,	II Yr/ III Yr / IV Yr	04	Students got information about higher studies &

	DAAD Scholarships"		Andhra Pradesh, Puducherry), DAAD Information Point, Chennai			opportunities in Germany
2	Winner Speaks-Series I exclusively for BSACIST students	15.09.2023	Mr. Abdul Shajeed Wahid, IVth year - EIE, BSACIST, the winner of Research Internship in Taiwan at National Changhua University, TEEP	III Yr/ IV Yr	-	Students got information about international internships and the process of application and all relevant details
3	Two day International Conference on Social Sciences, Languages and Culture (ICSSLC'23)	12 th & 13 th October 2023	The Department of English in collaboration with Centre for International Relations, School of Social Sciences & Humanities and School of Arabic and Islamic Studies	Scholars	Faculty from other institutes	Presentation of papers, plenary talks and panel discussions on the current developments
4	Winner Speaks-Series II exclusively for BSACIST	06.11.2023	Ms. Ajitha kamali, IVth year - ECE, BSACIST, the winner of Research Internship in Taiwan at National Chung Cheng University, TEEP	III Yr/ IV Yr	-	Students got information about international internships and the process of application and all relevant details
5	Winner Speaks-Series III exclusively for BSACIST	22.11.2023	Mr. Ashkar Manappadth Abdul Salam, Research Scholar (Department of Chemistry), BSACIST, the winner of Research Internship in Taiwan at National Taipei University of Technology, TEEP	Students & Scholars	-	Students got information about international internships and the process of application and all relevant details
6	Digital Innovations Shaping the Future of Engineering and Design	02.02.2024	Prof. Mirella Di Lorenzo, Professor, Department of Chemical Engineering, Associate Dean (International) University of Bath	ECE, EIE, EE, E	-	Students got information about digital innovations and also about the programmes offered by Univ. Of Bath
7	Higher Education & Scholarship Opportunities in France	22.02.2024	Mr. Ajit Kumar R, Campus France, Manager, Embassy of France – Institut Francais, Chennai & Pondicherry zone	II Yr/ III Yr / IV Yr	-	Students got information about Opportunities in France
8	International Education Expo 2024 exclusively	29.02.2024	1.IDP (International Educational Specialists) 2.Edvoy	III yr & IV yr	-	Students got information about various

	for BSACIST		3.Fly n Study overseas 4.ETS TOEFL 5.BroadMind 6.Fateh Education			universities abroad.
9	Webinar on “Strategies for Publishing in High Impact Factor Journals” in collaboration with the Office of Dean Research	17.04.2024	Dr. Vasudevan Ramachandran, Director, Centre of Postgraduate and Internationalization, University College of MAIWP International, Kuala Lumpur, Malaysia	Scholars	-	Sensitised about the techniques of quality publication
10	Session on “Latest Enhancements on TOEFL and GRE”	02.05.2024	Mr. Naveen Kumar, Senior Business Development Manager, ETS India, Chennai	III yr & IV yr	-	Students got information about TOEFL and GRE Exams

3. Quality improvement Programmes conducted by CIR (Photos):

Session on “Higher Studies & Opportunities in Germany and DAAD Scholarships



Ms. Kavitha Somasundaram, Regional Officer (Tamilnadu, Telangana, Andhra Pradesh, Puducherry), DAAD Information point Chennai



Winner Speaks-Series I exclusively for BSACIST students

Winner Speaks-Series II exclusively for BSACIST



Winner Speaks-Series III exclusively for BSACIST



Digital Innovations Shaping the Future of Engineering and Design



Prof. Mirella Di Lorenzo, Professor, Department of Chemical Engineering, Associate Dean (International) University of Bath

Higher Education & Scholarship Opportunities in France



Mr. Ajit Kumar R, Campus France, Manager, Embassy of France – Institute Francais, Chennai & Pondicherry zone

International Education Expo 2024 exclusively for BSACIST





Webinar on “Strategies for Publishing in High Impact Factor Journals”

OFFICE OF DEAN (RESEARCH)
 In Association with
CENTRE FOR INTERNATIONAL RELATIONS (CIR)
 Organize a webinar on

“Strategies for Publishing in High Impact Factor Journals”

📅 April 17th 2024 🕒 11.00AM to 12.30PM

SPEAKER
Dr. Vasudevan Ramachandran
 Director
 Centre of Postgraduate and Internationalization
 UNIVERSITY COLLEGE OF MAIWP INTERNATIONAL
 Kuala Lumpur, Malaysia

Conveners
Dr. J. Ravathy Professor & Dean (Research) **Dr. P. Rathnas** Professor & Director CIR

Coordinator
Dr. V. Muralidharan
 Asst. Professor & Dy. Dean (Research)

SCAN TO REGISTER

All the faculty members, Research scholars and PG students are invited to attend
 E-Certificate will be issued to all registered Research scholars and PG students.

Discussion Construction

- Summarize major findings—1st paragraph
- Explain how your findings **relate** to those of others—what do they mean?
- Clinical relevance of the findings?
- Limitations** and how this influenced your study?
 - How will you overcome these in the next studies?

Dr. Vasudevan Ramachandran, Director, Centre of Postgraduate and Internationalization, University College of MAIWP International, Kuala Lumpur, Malaysia

Session on “Latest Enhancements on TOEFL and GRE



Mr. Naveen Kumar, Senior Business Development Manager, ETS India, Chennai

4. International Internships:

The following students got International Internships through the initiatives taken by the Centre for International Relations:

S.No	Name of the Student	Department & year	Name of the Institute	Duration	
				From	To
1.	Mr. Mohammed Shadman Shafat	IV Yr B.Tech IT	Taiwan NSTC International Internship Pilot Program(IIPP) Taipei Medical University	01.11.2023	31.01.2024
2.	Mr. Varatharajan. P	Research Scholar/Physics	Ming Chi University of Technology, Taiwan	15.11.2023	15.05.2024
3.	Ms.Leechitha Gopalakrishnan	IV Yr B.Tech Artificial Intelligence & Data Science	Mitacs Globallink Research Internship Program, Canada	05.06.2024	28.08.2024
4.	Ms. Rasitha Arafa R	IV Yr B.Tech Biotechnology	Mitacs Globallink Research Internship Program, Canada	25.06.2024	01.10.2024

5. Workshops Attended:

- Dr. P. Rathna, Director (CIR) attended the "Study in India - Website portal compliance officer orientation & outreach program" organized by Study in India for all the stakeholders to apprise them about the new features of the website-portal on 13th September 2023 at 11.00 am through online mode.
- Attended the Program India - Canada Higher Education Conclave, Chennai on the theme: The India - Canada Higher Education Partnership: In Pursuit of Excellence, Inclusion & Empowerment on 19th September 2023 at 6.00 pm at Taj Coromandel, Chennai.

6. International Delegates Visit:

- The Centre for International Relations (CIR) arranged a meeting with **delegates from Krirk University** from **Thailand** on 09th October 2023 from 02.00 pm to 03.30 pm at the Board Room. Our Hon' Pro Vice Chancellor Dr. N. Thajuddin and Registrar Dr. N. Raja Hussain chaired the meeting. Our Advisor Dr. P.S.

Syed Masood Jamali was also present.

The delegates from Krirk University, Thailand who visited are:

1. Dr. John Christopher Walsh, Associate Dean and Director EP
 2. Dr. Bundit Aroman, Assist to the Dean, International Islamic College
 3. Ms. Chanidapha Nunualvuttivong, Head of International Marketing
 4. Mr. Dhiraj Kumar, India marketing team
- Delegates from **New Jersey Institute of Technology, USA**, Dr. Shanthi Gopalakrishnan, Professor of Management, Associate Dean Research and Strategic Initiatives, Martin Tuchman School of Management and Dr. Benjamin A. Manyindo, DHA, Director of Masters Programs, Martin Tuchman School of Management visited our campus on **15.04.2024** to discuss the possible collaboration and joint degree program to be offered to MBA students.
 - Dr. Vasudevan Ramachandran, Director, Centre of Postgraduate and Internationalization, **University College of MAIWP International, Kuala Lumpur, Malaysia** visited our campus on **05.03.2024** to discuss the possible collaboration in the student exchange program and research network.

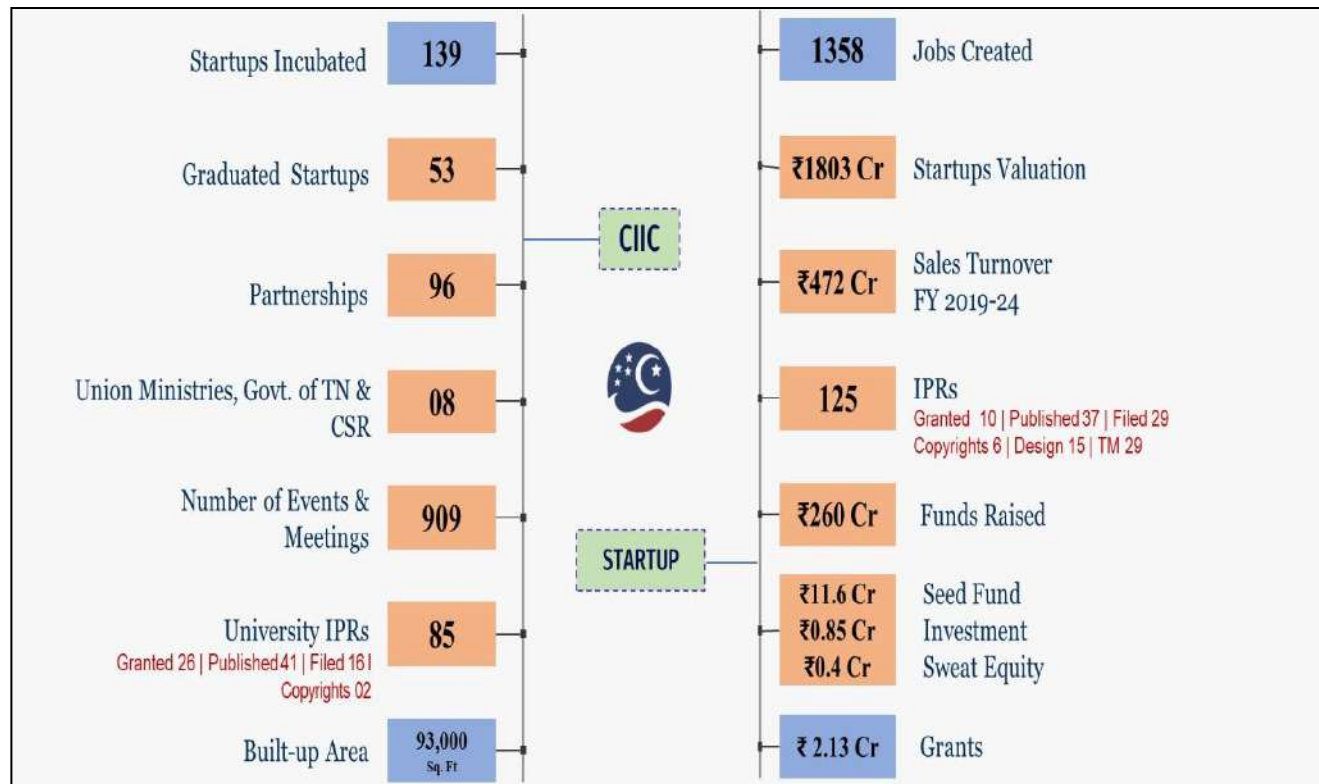
7. MoU's Signed:

S. No.	Collaboration with Department / School	Details of the Collaborator	Date of MoU	Valid Until
1	BSA Crescent Institute of Science and Technology	Metharath University, Thailand	1.09.2023	5 Years
2	BSA Crescent Institute of Science and Technology	KRIRK University, Thailand	9.11.2023	5 Years

8. Other Activities:

- The Centre for International Relations (CIR) offered **A1 level German language as a value added course (40 Hours Blended Mode Course)** from **January 2024 to July 2024**, considering the scope of employment / business / academic / Research opportunities for the candidates who know German language. The classes were conducted on blended mode after college hours and during the weekends. The classes were handled by **Mr. Kathiresan. S, Assistant Professor / German** and 24 students from various disciplines completed the course successfully.
- **Online Faculty exchange program with Metharath University, Thailand** was facilitated by the Centre for International Relations. **Prof. R. Venkatesh, CSB, BSACIST** delivered a lecture on the Topic: Innovation for Entrepreneurship on 23rd January 2024 from 01.00 pm to 02.30 pm IST.
- As part of the **Online Faculty exchange program with MBA, BSACIST**, a lecture was delivered by **Dr. Bijay Sigdel, Associate Dean, Faculty of Management, Metharath University, Thailand** on 09th February 2024 from 11.00 am to 12.30 pm IST on the Topic: Human Capital Cross Cultural Management.
- As part of the **Online Faculty exchange program with MBA, CSB, BSACIST**, a lecture was delivered by **Prof. John Walsh, D. Phil, Krirk University, Thailand** on 16th February 2024 from 11.00 am to 12.30 pm IST on the Topic: The Competitive Advantage of Ethical Behavior.
- **Dr. A. Catherine Anna Pushpam, Asst. Prof (Sr. Gr.), Dept. Of English, BSACIST**, delivered a lecture on the Topic: Capitalising on Communicative Competence in Digital Age, as part of the **Online Faculty exchange program with Krirk University, Thailand** on 05th March 2024 from 11.00 am to 12.30 pm IST.

CRESCENT INNOVATION AND INCUBATION COUNCIL



CIIC recognized by 8 Union Ministries of India

1.	C. Abdul Hakeem College, Melvisharam	National	Co- Incubation	12/12/23
2.	Open Weaver	National	Startup Ecosystem	11/01/24

3.	*ARAI - AMTIF (Automotive Research Association of India - Advance Mobility Transformation & Innovation Foundation)	National	Startup Ecosystem	26/01/24
4.	Startup TN – (Mobility Startups)	National	Startup Ecosystem	30/01/24
5.	Paavai Engineering College, Namakkal	National	Co-Incubation	02/02/24
6.	IKP EDEN	National	Startup Ecosystem	03/02/24
7.	7th Gen Ventures	National	Startup Ecosystem	26/04/24
8.	Avironix Private Limited	National	Startup Ecosystem	18/06/24

2. SIGNIFICANT EVENTS

Events	Number
Conference	1
Seminar / Webinar	13
Orientation Programme	2
Workshop / Training programme	28
Faculty Development Programme	2
Value Added Programme	2
Guest Lecture	6
Career guidance / Awareness programme	4
Industrial Visit	10
Quiz / online competitions / student development programme	3
Total	71

3. OTHER MAJOR EVENTS

S. No	Name	Experts	Events and Talks	No of Registrations
1	Mr. Pundi Narasimham, Founder & CEO, STS Worldwide Inc, USA & Mr. Prathap Singh, CEO of Safe Krit Technologies, USA, & Mr. Chandler Sharma, Attorney & CPA, USA	Cyber Security	160+ students & Startups to explore about the future of OT (Operational Technology) Cybersecurity, Opportunities.	160+

2	Mr. Saravanan Ganesan - Assistant Consultant, MICROSOFT - Azure Developer Community	Artificial Intelligence	80 students Microsoft Azure OPEN AI and Microsoft Mentorship initiatives offer valuable support to students looking to delve into the world of Azure development and AI.	80+
3	Mr. Prashanth-CEO@SIMBIOEN_LABS	Biotechnology	Business Model Canvas	50+
4	Ms. Sudarkodi - Head - Centre for Intellectual Property Rights (CIPR) & Technology Transfer Office (TTO)	IPR	70+ Students /Faculty can gain valuable knowledge in Patent & Technology Transfer and tools necessary to navigate the legal and ethical complexities of entrepreneurship	70+
5	. Prof. Satya Chakravarthy Founder CEO - CTO of the ePlane Company and the Co-Founder of AeroStroVilos, X2Fuels, GalaxEye, and TuTr Hyperloop.	Space Technology	Prof. Chakravarthy emphasized the importance of resilience, continuous learning, and the willingness to take risks – qualities essential for any aspiring entrepreneur. His experiences and advice resonated deeply with our Crescent students & faculty, igniting a spark of inspiration and ambition.	80+
6	Mr. Britto Shibi, Chief Technology Officer - MedCuore Medical Solutions Private Limited	Health Tech	Road Map from innovative ideas into successful startups, covering idea validation, Lean Startup methodology, and the concept of Minimum Viable Product (MVP).	120+
7	Mr. Vish Vishwanathan CEO of Anikode Management Consultants/Managing Director of Guindy Alumni Angels,	Investor	Pitch Refinement, Business Model Optimization, Market Insights, Negotiation Skills & Operational Insights about their vision /getting explore about the Angel Investment /VC Funding.	60+
8	MR.Anoop Ambika, CEO, Kerala Startup Mission & Moin SPM Co-Founder & COO, Agni Kul Cosmos & Parvez Alam M Executive Director, CIIC & Chandu Nair, Executive Committee Member, The Chennai Angels & Arasi Arul Director, TN W.O.M.E.N and Founder & CEO, 60PlusIndia	Startup Ecosystem Enabler	Insights on Kerala's startup ecosystem, space tech challenges, and innovation in startups to the Chennai students/faculty startups founders.	75+

9	Startup TN/CIIC/EDII TABIF Mr. Vigneshwaran T & Mr.Santhosh S, & Mr. Naveen Rajkumar and Startup TN team & Mr.Gayathiri Chidambaram and Mr.Rajeskar Sivasamy.	Ecosystem Partner - State Govt	Vinnai Thodu – Enhanced by our ecosystem partner Startup TN and supported by our esteemed incubation partners Crescent Innovation and Incubation Council (CIIC) and EDII - Trichy Agribusiness Incubation Forum (EDII TABIF) top Boot camp / competition where the power of collaboration and shared vision took centre stage.	115+
10	Ms. Shubha K Chakravarthy, Founder & Chief Financial Storyteller at Achiiv,USA	Investor	Building Investor Confidence through Strategic Networking'	80+

4. CIIC TEAM: ACHIEVEMENTS / RECOGNITIONS

- CIIC team glad to participate in the National Incubator Capacity Development Program (NICDP) organised by Startup India & implemented by Vilgro. CIIC is one among the 25 incubators selected across the country (3 incubators from Tamilnadu) through a competitive process.
- CIIC as one of the Partner Incubator of iDEX (Innovation for Defence Excellence) - DIO (Defence Innovation Organization), Department of Defence Production, Ministry of Defence, Govt of India, hosted an Outreach session on "Grant Opportunities on Defence Tech upto Rs.10 Crores" in partnership with AIDAT, MMA, SAEINDIA, StartupTN & GuidanceTN.
- CIIC is glad to share that we have been selected as one of the Partner Institute to host "Ashok Leyland Grand Challenge" a hackathon to solve problem statements of Ashok Leyland and an opportunity to showcase in their Tech Day.. Mr.Paul Palocaren, General Manager & Mr.Murali Manohar, Assistant General Manager of Ashok Leyland interacted with CIIC team and explained about this Grand challenge.
- CIIC is proud to share the *Best Incubation Centre Award* presented by Honourable Thiru.Mano Thangaraj, Minister for Milk & Dairy Development, Govt of Tamilnadu at Tamilnadu Higher Education Summit & Awards (TANHESA), organised by FICCI and The New Indian Express. Our sincere gratitude to all our stakeholders for this achievement.
- CIIC Startups for Being Featured in Forbes India 100 *Arma Citizen Private Limited (Sixty Plus)* & *Kelvin 6K Private Limited*
CIIC is supporting Arma Citizen Private Limited (Sixty Plus) through Startup India Seed Fund Scheme and HDFC CSR Fund for their societal impact.
CIIC is supporting Kelvin 6K Private Limited through Innovation Voucher Program of EDII-TN and accelerating them for market support through various projects.

5. PATENTS FILED / PUBLISHED / GRANTED:

Department / School	Number of Patents Filed	Number of Patents Published	Number of Patents Granted
Life science	6	1	7
ECE	3	1	-
EEE	2	1	-
Pharmacy	1	1	1
Mechanical	5	4	2
Civil	2	-	-
CSE	1	1	1
Polymer	1	1	1
Physics	1	-	-
Aero	-	-	1
Automobile	1	-	2
Chemistry			1

6. DETAILS OF GRANTED PATENTS

1. Automated Supporting Wheels for Self Stabilization in Motorcycles - 505003
2. Analytical Method and System for the Simultaneous Estimation of Esketamine and Brexanolone- 505931
3. A System and Method for Remote Controlling a Plurality of Appliances-497717
4. A Soil Excavation Device – 493204
5. An Apparatus for Generating Electric Energy – 488032
6. An Apparatus and A Method for Synthesizing Polymer-Based Composites -531502
7. Facile Method to Prepare Mycosilver Nanoparticles and Its Therapeutic Applications -482788
8. Potent Green Nanocolloids Control Growth, Biofilm Formation and Virulence in Antibiotic Resistant -524428
9. Breaking Antibiotic Resistance by Using Nanocolloids in Pathogenic Bacterial Strains Isolated from Diabetic Wound – 522760
10. Hexananocolloid Formulation as Potent Antibiotic Resistant Breaker – 506349
11. Myconano Particles Suppress the Colonization of Plant Pathogenic Fungi-493181
12. Heat Treatment Method for Magnesium-Zinc-Copper (Zc71) Alloy and Composites - 518314
13. Petalic Nanocolloids as Battalion for Penicillin Resistant Bacterial Strains Isolated from Tannery – 480313
14. Method of Synthesis of a Yellow Flourescent Material – 475604
15. Improved Synergistic Gas Nanoemulsion Compositions and Methods of Synthesis Thereof – 465713
16. Formulation of Novel Green Nano Colloids to Control Antibiotic Resistant Pathogens Responsible for Bovine Mastitis – 465524
17. A Method for Synthesis of Nanoparticles from Endophytic Fungi Botryosphaeria Rhodina – 465489
18. Method of Disengagement and Engagement of Auxiliary Devices with Engine Drive Unit – 440786

CENTRE FOR INNOVATION IN TEACHING AND LEARNING (CITL)

- The CITL has created e-learning content through video lectures for all departments of our Institution. The faculty have contributed to more than 52 video lectures and it has been hosted in YouTube and e-Learning portal.
- Two Days Workshop on “Innovative Teaching Practices in Higher Education” was organized during 13.9.2023 and 14.09.2023 to train the faculty of our Institute to practice the modern pedagogies in Teaching Learning Process.
- Dr.P.Malliga, Head / Department of Educational Media and Technology, NITTTR and Dr. Edamana Prasad, Head / Teaching Learning Centre, IIT Madras acted as resource persons for the workshop. More than 50 faculty members participated and gained knowledge on e-content development, cognitive process dimension and effective teaching strategies.
- Creation of Outdoor classroom in open atmosphere for Enhanced Learning Experience with improved Concentration and Focus for the students of BSACIST during September 2023.
- The Office of the Controller of Examinations and Centre for Innovation in Teaching and Learning (CITL) in association with NITTTR jointly organized a One-day workshop on “Question Paper Setting and Evaluation for OBE” on 06.11.2023.
- Dr. K.S. Giridharan, Professor / Department of Education delivered sessions on mapping of course outcomes and knowledge level in accordance with revised Blooms taxonomy and module wise mark distribution was discussed.
- The Faculty Orientation Programme on “Teaching Learning Process, Research and Professional Development in Higher Education” was coordinated by CITL in association with Office of Dean (Academics) during 08.07.24 to 13.07.24.
- An MoU has been signed with Edunet Foundation, Gurgaon, India on 01.03.2024. The Edunet foundation conducted training programme for the students in association with
- leading industries like IBM, EY, Vodafone etc., on the recent technologies like AI, Cloud, Data science etc.,
- The Edunet foundation in association with AICTE National Internship Portal has awarded more than 695 internships during June-July 2024 for the UG and PG students of CSE, CS, IT and ECE of BSACIST.



Dr.Edamana Prasad, Professor / IIT-M delivering sessions for the workshop on “Innovative Teaching Practices in Higher Education” conducted during 13.9.23 and 14.9.23.



Dr.P. Malliga, Head/Department of Educational Media, NITTTTR delivering sessions for the workshop on “Innovative Teaching Practices in Higher Education” conducted during 13.9.23 and 14.9.23.



Dr.Padma Usha, Asst. Prof. /ECE handling class in open class room during September 2023



Dr.K.S. Giridharan, Professor / Department of Education, NITTTR delivered sessions for one-day workshop on “Question Paper Setting and Evaluation for OBE” on 06.11.2023.



Training programme conducted by Edunet foundation on “Cloud and AI” in IBM Skills Build

CENTER FOR DISTANCE AND ONLINE EDUCATION (CDOE)

1. Value Added Programmes Offered

S. No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Data Analysis Using SPSS (Certificate course)	19/02/2024 to 23/02/2024	10 Hrs	-	31	9	6

2. Training Programmes Offered

S. No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Data Analysis Using SPSS (Certificate course)	19/02/2024 to 23/02/2024	10 Hrs	Rs. 500 (each)	31	9	6

3. Interdisciplinary Programmes Conducted

S. No	Name of Programme	Other departments involved	No. of Participants			Outcome of the Programme
			Students	Faculty	Others	
1.	Workshop on How to Prepare the SLM and e-LM for School of Islamic Studies	Department of Islamic Studies and CDOE	-	25	-	To impart and enhance the SLM and e-LM preparation skills

4. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency & Keynote Speakers	Details of participants			
					BSACIST		Other Institutes	
					Faculty	Students	Faculty	Students
1	Financial Empowerment Through Wealth Creation	Webinar	04.06.2024	Mr. Surya Kant Sharma Sr. Consultant-AMFI (Former DGM SEBI)	50	50	30	70

2	Recent Trends and Technologies in Smart Farming	Webinar	23.05.2024	Dr. Adelin Sneha, Senior Lecturer Asia Pacific University of Technology and Innovation, Kuala Lumpur	54	12	22	-
3	Enhance your abilities to learn new skills	Seminar	20.03.2024	Jointly organized by Career Development Centre Industry Relations (CDCIR) & Centre for Distance and Online Education (CDOE)	25	142	-	-
4	Mastering E-Content Development	One Week National Level FDP	28.02.2024 to 07.03.2024	Dr. S. Rabiyyathul Basariya, Dr. S. Thowseaf, Mrs. P Maheswari, Dr. E Jeslin Renjith, Dr. V. Agalya, Mrs. S. Manjula, Faculty members of CDOE, BSACIST	60	-	15	-
5	OL and ODL programme Students (MBA & MCA) Job fair 2024	Job Fair	27.02.2024	Jointly organized by Career Development Centre Industry Relations (CDCIR) & Centre for Distance and Online Education (CDOE)	-	195	-	-
6	Challenges Faced during e-LM preparation	Self-Evaluation and Reflective Process	09.02.2024	Dr. S. Rabiyyathul Basariya, Dr. S. Thowseaf, Mrs. P Maheswari, Dr. E Jeslin Renjith, Dr. V. Agalya, Mrs. S. Manjula, Faculty members of CDOE, BSACIST	8	-	-	-
7	Skills for Personality Development	Webinar	23.11.2023	Mrs. Kanmani Thivya Mahesh, Psychologist Cum Life Skill Trainer	50	92	28	110
8.	Visit of External students from Kerala University to CDOE to know the facilities and operations of Cresoline Studio		30.01.2024	-	-	-	-	-

5. Conferences / FDP / Seminars / Workshops Attended by faculty

S. No	Name of the faculty	Name of the Programme	Type of Programme	Duration From - To	Organizing Agency
1.	Dr. A. Jaya	Intellectual Prosperity Rights (IPR)	FDP (NPTEL)	Jan -April 2024	NPTEL - IIT Madras

S. No	Name of the faculty	Name of the Programme	Type of Programme	Duration From - To	Organizing Agency
2.	Dr. A. Jaya	Basic Level SPSS certificate Programme	Certificate Programme	19.02.2024 to 23.02.2024	BSACIST, Chennai
3.	Dr. A. Jaya	Learning Analytics Tools	FDP (NPTEL)	July-Oct 2023	NPTEL - IIT Madras
4.	Dr. A. Jaya	Orientation and Sensitization under Malaviya Mission Teacher Training Programme	FDP MM-TTP	05.07.2024 – 13.07.2024	UGC (MMTTC-UoH)
5.	Dr. S. Rabiyyathul Basariya	Orientation and Sensitization under Malaviya Mission Teacher Training Programme	FDP MM-TTP	05.07.2024 – 13.07.2024	UGC (MMTTC-UoH)
6.	Dr. S. Rabiyyathul Basariya	A Study on "The Effectiveness of Cost in Tourism Management"	4 th International Conference	26.04.2024	NPR college of Engineering and Technology, Dindigul
7.	Dr. S. Rabiyyathul Basariya	Proceedings 4 th International Conference on Contemporary Management	International Conference Chair Person	26.04.2024	Dr. M.G. R Educational and. Research Institute
8.	Dr. S. Rabiyyathul Basariya	Impact of the Recent Approach on the evolution of machine learning and deep learning	FDP	29.02.2024 - 05.03.2024	BIHER CHENNAI
9.	Dr. S. Rabiyyathul Basariya	Basic Level SPSS certificate Programme	Certificate Programme	19.02.2024 to 23.02.2024	BSACIST Chennai
10.	Dr. S. Rabiyyathul Basariya	Marketing Management	FDP	July-Oct 2023	NPTEL - IIT Madras
11.	Dr. S. Rabiyyathul Basariya	Financial Management	FDP	Jan -April 2024	NPTEL - IIT Madras
12.	Dr. S. Rabiyyathul Basariya	Advanced Research Methodology	Refresher Course	23.10.2023 06.11.2023	Teaching Learning Centre, Ramanujar Ministry of Education
13.	Dr. S. Rabiyyathul Basariya	Python 3.4.3, Moodle, and Scilab	FDP & Online exam	31.07.2023 – 04.08.2023	Spoken Tutorial IIT Bombay
14.	Dr. E. Jeslin Renjith	Basic Level SPSS certificate Programme	Certificate Programme	19.02.2024 to 23.02.2024	BSACIST, Chennai
15.	Dr. E. Jeslin Renjith	Voice Analysis for the identification of Severe Obstructive Sleep Apnea	International Conference	03.02.2024	Chevalier T. Thomas Elizabeth College for Women
16.	Dr. E. Jeslin Renjith	International Conference on Cloud Computing and Data Science	International Conference	09.02.2024	PERI College of Arts and Science
17.	Dr. E. Jeslin Renjith	Hybrid Education for Pedagogical Success	FDP	09.01.2024 - 13.01.2024	SIMATS, Chennai

S. No	Name of the faculty	Name of the Programme	Type of Programme	Duration From - To	Organizing Agency
18.	Dr. E. Jeslin Renjith	Emerging Trends in Data Analytics	FDP	22.01.2024 – 26.01.2024	Saveetha College of Liberal Arts and Science
19.	Dr. E. Jeslin Renjith	Research –The Journey from Inception to publishing	FDP	05.02.2024 - 09.02.2024	DB Nain College, Thoriapakkam
20.	Dr. E. Jeslin Renjith	Impact of the Recent Approach on the evolution of machine learning and deep learning	FDP	29.02.2024 - 05.03.2024	BIHER CHENNAI
21.	Dr. E. Jeslin Renjith	Orientation and Sensitization under Malaviya Mission Teacher Training Programme	FDP MM-TTP	05.07.2024 – 13.07.2024	UGC (MMTTC-UoH)
22.	Dr. E. Jeslin Renjith	Research Methodology	National Level Seminar	16.01.2024	MSP Mandal's Yashwantrao Chavan College Ambajogai
23.	Dr. E. Jeslin Renjith	Role of women in Socio-Economic Development of India	Webinar	12.03.2024	Bhartiya Shikshan Prasarak Sanstha, Ambajogai
24.	Dr. E. Jeslin Renjith	IR 4.0, What's Next?	Webinar	03.04.2024	AMET University, Chennai
25.	Dr. E. Jeslin Renjith	One Day National Level webinar on IPR Issues and Challenges	Webinar	26.04.2024	Yashwantrao Chavan College Ambajogai
26.	Dr. E. Jeslin Renjith	E-Commerce	Swayam	May 2024	Swayam-IGNOU
27.	Dr. E. Jeslin Renjith	Python 3.4.3, Moodle, and Scilab	FDP & Online exam	31.07.2023 – 04.08.2023	Spoken Tutorial IIT Bombay
28.	Dr. P Maheswari	Learning Analytics Tools	FDP (NPTEL)	July-Oct 2023	NPTEL - IIT Madras
29.	Dr. P Maheswari	Teaching and Learning in Engineering (TALE)	FDP (NPTEL)	Jan -April 2024	NPTEL - IIT Madras
30.	Dr. P Maheswari	Basic Level SPSS certificate Programme	Certificate Programme	19.02.2024 to 23.02.2024	BSACIST, Chennai
31.	Dr. P Maheswari	Advanced Research Methodology	Refresher Course	23.10.2023 06.11.2023	Teaching Learning Centre, Ramanujan Ministry of Education
32.	Dr. P Maheswari	Advances of Computing Technology	FDP	13.05.2024 – 17.05.2024	AMITY University
33.	Dr. P Maheswari	Orientation and Sensitization under Malaviya Mission Teacher Training Programme	FDP MM-TTP	05.07.2024 – 13.07.2024	UGC (MMTTC-UoH)

S. No	Name of the faculty	Name of the Programme	Type of Programme	Duration From - To	Organizing Agency
34.	Dr. P Maheswari	Virtual Lab –A Learner perspective	Workshop	13.03.2024	Hindusthan College of Arts and Science, Coimbatore
35.	Dr. P Maheswari	Selenium Testing Tool	Webinar	02.12.2023	BSACIST, Chennai
36.	Mrs. Manjula	Basic Level SPSS certificate Programme	Certificate Programme	19.02.2024 to 23.02.2024	BSACIST, Chennai
37.	Mrs. Manjula	Introduction to Machine Learning	FDP (NPTEL)	Jan –March 2024	NPTEL - IIT Madras
38.	Mrs. Manjula	Orientation and Sensitization under Malaviya Mission Teacher Training Programme	FDP MM-TTP	05.07.2024 – 13.07.2024	UGC (MMTTC-UoH)
39.	Mrs. Manjula	Selenium Testing Tool	Webinar	02.12.2023	BSACIST, Chennai
40.	Mrs. Manjula	Python 3.4.3, Moodle, and Scilab	FDP & Online exam	31.07.2023 – 04.08.2023	Spoken Tutorial IIT Bombay
41.	Dr. S. Thowseaf	Marketing Management - I	FDP (NPTEL)	August – October 2023	NPTEL - IIT Madras
42.	Dr. S. Thowseaf	Marketing Research and Analysis	FDP (NPTEL)	August – October 2023	NPTEL - IIT Madras
43.	Dr. S. Thowseaf	Retail Marketing Strategy	FDP (NPTEL)	July –Sep 2023	NPTEL - IIT Madras
44.	Dr. S. Thowseaf	Impact of the Recent Approach on the evolution of machine learning and deep learning	FDP	29.02.2024 - 05.03.2024	BIHER CHENNAI
45.	Dr. S. Thowseaf	Orientation and Sensitization under Malaviya Mission Teacher Training Programme	FDP MM-TTP	05.07.2024 – 13.07.2024	UGC (MMTTC-UoH)
46.	Dr. S. Thowseaf	4 week faculty induction/orientation programme for Higher Education”	4-week faculty induction/orientation programme for Higher Education” Ministry of Education	22.01.2024 - 20.02.2024	TLC, Ministry of Education MHRD
47.	Dr. V. Agalya	Impact of the Recent Approach on the evolution of machine learning and deep learning	FDP	29.02.2024 - 05.03.2024	BIHER CHENNAI
48.	Dr. V. Agalya	A Study on "The Effectiveness of Cost in Tourism Management”	4 th International Conference	26.04.2024	NPR college of Engineering and Technology, Dindigul
49.	Dr. V. Agalya	Orientation and Sensitization under Malaviya Mission Teacher	FDP MM-TTP	05.07.2024 – 13.07.2024	UGC (MMTTC-UoH)

S. No	Name of the faculty	Name of the Programme	Type of Programme	Duration From - To	Organizing Agency
		Training Programme			
50.	Dr. V. Agalya	Basic Level SPSS certificate Programme	Certificate Programme	19.02.2024 to 23.02.2024	BSACIST, Chennai
51.	Dr. V. Agalya	Advanced Research Methodology	Refresher Course	23.10.2023 06.11.2023	Teaching Learning Centre, Ramanujan Ministry of Education
52.	Dr. V. Agalya	Innovative Research in Artificial Intelligence for Commerce	FDP	18.01.2024-24.01.2024	KC College of Arts and Science and Dr. R. V. Arts and Science College, Coimbatore
53.	Dr. V. Agalya	Integration of Technology in Teaching—Faculty Development Perspective	FDP	29.01.2024 – 02.02.2024	Dr. R. V. Arts and Science College, Coimbatore
54.	Dr. V. Agalya	Python 3.4.3, Moodle, and Scilab	FDP & Online exam	31.07.2023 – 04.08.2023	Spoken Tutorial IIT Bombay
55.	Dr. V. Agalya	Cloud Infrastructure (AWS Technologies)	National Level FDP	21.08.2023 – 25.08.2023	VELS Institute of Science and Technology, VISTAS, Chennai
56.	Dr. V. Agalya	Utilizing Cutting Pedagogical Approaches to Enhance Educational Efficacy	Seven Days FDP	02.10.2023 – 10.10.2023	Kristu Jayanti College, Bengaluru

6. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2022 - June 2023)

International Conference		National Journal		International Journal		Total
With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
1	-	-	-	2	4	7

7. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

a) **SCI/Scopus Indexed Journal**

- Maheswari P and Dr. A. Jaya," Analyzing Tweets for Predicting the Sentiments of Investors in the Stock Markets" July 2023, China Petroleum Processing and Petrochemical Technology 23(2):58-72. (Web of Science)
- A.K. Kaliluthin and V. Agalya, "Experimental Analysis on Continuous Ambient Air Quality Monitoring System (CAAQMS) at Vandalur, Chennai, India", Eco. Env. & Cons. 30 (1) : 2024; pp. (254-264)Copyright@ EM International, ISSN 0971-765X, DOI No.: <http://doi.org/10.53550/EEC.2024.v30i01.048>, (Received 13 July, 2023; Accepted 6 October, 2023), PP-254-264. (Web of Science)

b) **Other journals**

- Dr. Thowseaf, "Investigating the problems encountered by the medical tourist of India" South Indian Journal of Social Science, ISSN 0972 – 8945, Vol. XXI, No. 3 – Dec 2023, PP- 44 – 52.
- Dr. S. Thowseaf, Dr. S. Rabiyyathul Basariya, and Dr. V. Agalya, "A Study on "The Effectiveness of Cost in Tourism Management" Department of Management Studies, NPR College of Engineering & Technology, Natham, Dindigul, Tamil Nadu, India on 26 April 2024. (ISBN No. 978-81-864847-2-9), Peer Reviewed.
- Dr. S. Thowseaf, Dr. S. Rabiyyathul Basariya, and Dr. V. Agalya "Navigating Success: Evaluating STPI'S Contribution to IT Operations in Tamil Nadu Through Infrastructure and Facilities ", Humanities and Social Science Studies, ISSN N 2319-829X, Vol. 13, Issue 1, No. 24, January – June: 2024, PP-57 – 66.
- Dr. S. Thowseaf, Dr. S. Rabiyyathul Basariya, Dr. V. Agalya, and Dr. R Manikandan, "Impact of IT Industry on Indian Economy –An Investigative Study, International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 12, Issue 4, April-2024, Available online at: www.ijaresm.com, PP-3606 – 3611.
- E. Jeslin Renjith, Obstructive Sleep Apnea Classification using Snoresound Data, International Journal of scientific Research in Engineering and Management, IJSREM, Volume 08, Issue 05 May, 2024, ISSN 2582-3930, DOI: 10.55041/IJSREM34095

8. **Book(s) Published**

S. No.	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country & Month of publication	Availability status
			Rs	\$		
1	Dr. S. Rabiyyathul Basariya and Dr. S. Thowseaf	Contemporary Research in Commerce and Management / Mobile Marketing ISBN -978-93-94901-71-1	-	-	Sankalp Publications Head Office: Ring Road 2 Gaurav Path, Bilaspur, Chhattisgarh – 495001 Phones: +91 9111395888 +91 9111396888 Email: support@sankalppublication.com Website: www.sankalppublication.com	Online (Flipkart and Google Books)
2	Dr. V. Agalya	Digital Practices in Business World – Retailer and Strategical Issues in Retailing - An Overview ISBN 978-93-92649-83-7			Elakkiya Publisher, Tamilur, Tenkasi, Tamil Nadu Phone: 99407 70433 E-Mail elakkiyapathipagam@gmail.com	Hardcopy

9. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1	Dr. V. Agalya	Role of Stress Management Interventions to Reduce The Work Place Stress of The Employees	India Patent Application 15.03.2024	Journal No.13/2024 29.03.2024	-
2	Dr. E. Jeslin Renjith	ICON Design for Virtual Assistant Software	Certificate of Registration for a UK Design 12.03.2024	-	21.03.24

10. Details of Impact Factor of the Publication and H-Index of the department

Faculty wise Publication and H-Index details

Name of the faculty	I10 index	H-Index	No. In Scopus	Citation
Dr.S. Rabiyyathul Basariya	11	11	12	326
Dr. S. Thowseaf	3	5	3	74
Dr. V. Agalya	-	1	1	2
Mrs. E. Jeslin Renjith	-	1	1	2
Mrs. P.Maheswari	-	1	1	2

11. Achievements of Faculty

S.No	Name of the Faculty/ non-teaching Staff	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr. A. Jaya	Delivered a Guest Lecture on "Learning Analytics and Applications in Data Science"	Vidya Academy of Science and Technology, Thrissur	February 2024
2	Dr. A. Jaya	Delivered a Guest Lecture on ""Applications of Data Science in Heterogeneous Domain"	Saveetha College of Liberal arts and Science	April 2024
3	Dr. S. Rabiyyathul Basariya	"Chair Person" for 4 th International Conference on Contemporary Management	Dr. M.G. R Educational and Research Institute, Chennai	April 2024

4	Dr. S. Thowseaf	Best Paper Award	Research Foundation of India and Vidyanagar College	July 2024
5.	Dr. V. Agalya	Best Paper Award		

12. Details of credit transfer through NPTEL/Swayam/MOC courses

S.No	Name of the Faculty	RRN / FACULTY NUMBER	Name of the course & Credit	Duration	Grade Obtained
1	Dr. A. Jaya, MCA	1997024	Intellectual Prosperity Rights (IPR) & 4 credit	Jan -April 2024	Elite
			Leaning Analytics Tools	July-Oct 2023	Elite
2	Dr. S. Rabiyyathul Basariya, MBA	2022050	Marketing Management & 4 credit	July-Oct 2023	Elite
			Financial Management & 4 credit	Jan -April 2024	Elite
3	Dr. E. Jeslin Rejnith, MCA	2022023	E-Commerce & 4 credit	May 2024	84%
4	Dr. S. Thowseaf, MBA		Marketing Management - I	Aug – Oct 2023	Silver
			Marketing Research and Analysis	Aug – Oct 2023	Elite
			Retail Marketing Strategy	Jul-Sep 2023	Silver
5	Mrs. S. Manjula, MCA	2022055	Introduction to Machine Learning (Tamil)	Jan – March 2024	-
6	Dr. P. Maheswari, MCA	2022041	Leaning Analytics Tools	Jul-Oct 2023	-
			Teaching and Learning in Engineering (TALE)	Jan – Feb 2024	-
7	Dr. V. Agalya, MBA	2023004	Introduction to Marketing Essentials & 4 credits	Jul-Oct 2023	Elite
			Consumer Behavior & 3 credits	Jan – March 2024	Elite
			Management of Field Sales & 2 credit	Jan – March 2024	Elite

13. MoUs Signed

S. No.	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome	Current status
			Day	Month	Year		
1	Skill 2Win	MoU	01	07	2024	Skill Enhancement- Certificate Programs	MoU in Active

14. Important Visitors

S. No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1	Dr. P. Anandhakumar	Professor, Information Technology Madras Institute of Technology, Anna University, Chennai.	14.2.2024 & For CDOE Quality Improvement and Guidance	Quality Assurance (CIQA) Committee of the Centre for Distance and Online Education
2	Dr. R.Tamilmaran	Director (i/c) CIQA & Associate Professor School of Management Studies Tamil Nadu Open University, Chennai	14.2.2024& For CDOE Quality Improvement and Guidance	Quality Assurance (CIQA) Committee of the Centre for Distance and Online Education

15. Photographs with relevant captions for Important Activities

Two - day' workshop on "How to Prepare the SLM and e-LM" for the Faculties of School of Islamic Studies on 15th March 2024 & 16th March 2024



Photos of Self-Evaluation and Reflective Process by CDOE Faculties



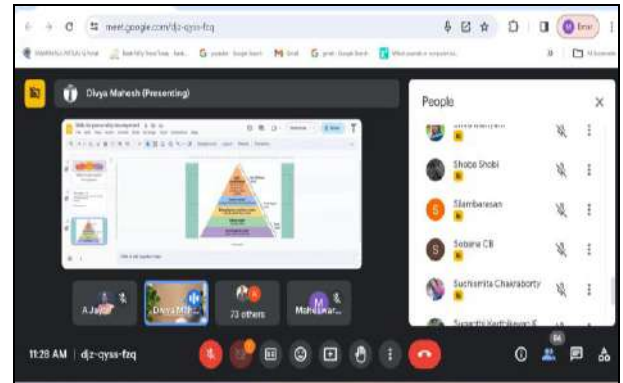
Programme on Mastering E-Content Development from 28.02.2024 to 07.03.2024



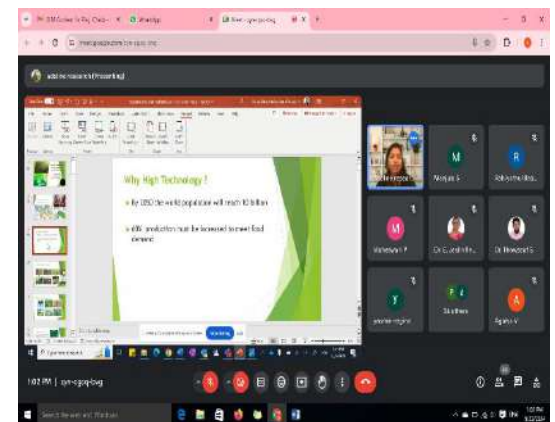
External Students visited Cresoline Studio CDOE) on 05.02.2024



Online Webinar on "Skills for Personality Development" on 23.11.2023



Online Webinar on “Recent Trends and Technologies in Smart Farming” on 23.05.2024



Seminar on “Enhance Your Abilities to Learn New Skills” on 20.03.2024 –Photos



Financial Empowerment Through Wealth Creation" on 04.06.2024

JOB FAIR 2024 MBA & MCA - OL and ODL programme





STUDENT AFFAIRS

ISTD - ORION'24

Orion '24 was a day-long cultural extravaganza blending talent, creativity, and collaboration.



the chief guest, Vignesh Antony, presided over Crescent Voice Club's even. Overall, Orion '24 was a seamless blend of music, dance, dramatics, and art, making it a memorable experience for all attendees.

RETRONOV'24

RETRONOVA'24, a timeline-based inter-collegiate event, was held on **3rd February 2024** at Crescent Auditorium and Mechanical Science Block. Organized by **Crescentian Voice Channel (CVC)** and **Crescent Literary Society (CLS)**, it featured **13 events** designed to showcase talents, foster competitive spirit, and encourage collaboration among students from Crescent University and other colleges.

Guru Nanak College emerged as the overall winner.

This vibrant event highlighted the talents and creativity of participants while creating lasting memories.



BECREZ CARNIVAL'24



BeCrez Carnival 2024, held on February 22nd and 23rd, 2024, at B. S. Abdur Rahman Crescent Institute of Science and Technology, was a dynamic two-day event running from 11:00 AM to 4:00 PM each day. The carnival brought together a vibrant mix of tech talks, interactive workshops, entrepreneurial competitions, and networking opportunities. Notable speakers like Mr. Sudharsanan Ganapathy, CEO of The Social Company, and Mr. Subash P Kuppusamy, CEO of Brahmastra Aerospace, shared insights on personal branding, converting ideas into business ventures, and the potential of emerging technologies. Participants engaged in a variety of activities, including the Pitch Yourself Challenge, Shark Tank event, and the Business Hack mini-hackathon, while also having the opportunity to visit the Project Expo and BizLens Expo. The event was designed to inspire, educate, and empower attendees, fostering a collaborative atmosphere where innovation and entrepreneurship thrived.

CRESCENT CREATIVE STROKES- MUD MAGIC

The CCS Workshop: Mud Magic, in collaboration with Studio Pottery Paradise, provided an enriching experience for students. The event showcased the transformative power of art and creativity. Participants not only crafted beautiful objects but also created lasting memories. This workshop inspires students toward a future enriched by artistic expression, illustrating how they grow and adapt through creative processes, much like clay under an artist's hands.



FINVIBE FIESTA

The FinVibe Fiesta, held on February 7th, 2024, at BS Abdur Rahman Crescent Institute of Science and Technology, was a resounding success, attracting 156 participants in Seminar Hall 1. This event coincided with Financial Literacy Week and aimed to enhance financial awareness among students regarding the decision to invest or save for the future. The day's activities included engaging drama skits, quizzes, and lively debates, fostering collaboration across interdisciplinary teams and providing valuable insights into financial decision-making. Organized by the Crescent Chamber of Finance (CCF).



THEATREFEST 2024

The Crescent Team Dramatix Club (CTD) successfully hosted Theatrefest 2024 on March 1st and 2nd, 2024, at the Crescent Auditorium. This event aimed to celebrate and showcase the artistic talents of college students while enriching the cultural fabric of our institution.

Theatrefest 2024 garnered significant interest, with over 30 colleges participated.

Theatrefest 2024 was a significant achievement for the Crescent Team Dramatix Club, demonstrating our commitment to fostering artistic talent and enhancing cultural experiences within our institution. The event's success is a testament to the hard work and dedication of everyone involved



TAX SAVINGS

On March 7th, 2024, the Crescent Chamber of Finance (CCF) hosted a seminar titled "Demystifying Income Tax and Residency Laws" at the MBA Seminar Hall of BS Abdur Rahman Crescent Institute of Science and Technology. This seminar aimed to enhance participants' understanding of income tax regulations, focusing on the five heads of income and the complexities of tax residency in India. The Chief Guest, Mr. Rajiv, a Chartered Accountant with over 17 years of experience in taxation and corporate laws, spoke on the intricacies of income tax in India, explaining the five heads of income and salary components through

relatable examples. He also explored residency criteria, clarifying how physical presence and permanent home influence residency status, including the 182-day rule and tax treaty benefits.



MILLIONAIRE MINDSET

On May 14, 2024, the Crescent Club of Finance (CCF) organized the Millionaire Mindset Seminar attracting 120 students. The seminar aimed to inspire and empower participants by providing valuable insights from finance industry professionals, fostering a mindset geared towards success and excellence. The chief guest, CA Dharmichand Hitesh, delivered a captivating keynote speech detailing his journey and practical strategies for financial success, including disciplined savings and smart investments. The seminar also featured the CCF Founder Badge Ceremony, honoring founding members of the club, and the first video release of the FinCres24



LINUX AND NETWORKING ESSENTIALS FOR HACKERS

The One-Day Workshop on Linux and Networking Essentials for Hackers was designed to provide foundational knowledge in cybersecurity, focusing on Linux systems and networking principles essential for ethical hacking. The event aimed to enhance participants' understanding of these critical components, laying a solid groundwork for those interested in pursuing careers in cybersecurity.



CRESCON'24

CresCon'24, organized by the Crescent Student Council, was a transformative three-day event held from April 15th to April 17th, 2024, featuring a diverse range of activities designed to inspire and innovate. With over 8 lakhs secured in sponsorships, the event highlighted its significance within the community.

The inaugural ceremony included distinguished guests such as Thiru AB Devendhira Poopathy, Additional Commissioner of State Tax, and Dean of Student Affairs Thiru DR. Karthikeyan Ramalingam. Following this, Thiru Nanda Kumar IRS delivered an insightful address on India's tax system. The afternoon featured motivational talks by Mohammed Arif and others on technology and entrepreneurship, alongside the launch of Sustaina-Verse, a codeathon addressing sustainability challenges.

Day 2 began with The Great Tech Hunt panel discussion with tech leaders like Arun Prakash, followed by a session on Tech-In-Med led by Thiru DR. Ilankumaran Kaliamoorthy about AI's impact on healthcare. The day concluded with a valedictory session for the Sustaina-Verse winners and a creativity workshop by Zeena Qaaida.

On the final day, industry leaders shared insights on entrepreneurship. CresCon'24 successfully provided a platform for personal growth, technological innovation, and entrepreneurial insight, leaving participants inspired to drive positive change in their communities and reinforcing the Crescent Student Council's commitment to fostering learning and innovation.



JAMBU DWEEP PRAKADANAM

On June 12th, 2024, the B.S. Abdur Rahman Crescent Institute of Science and Technology in Chennai hosted the Jambu Dweep Prakadanam event to honor the Maruthu Brothers' contributions during the First Indian Independence War. The celebration took place at the Mechanical Block from 1:00 PM to 1:30 PM.

Event Highlights

The event featured traditional Thaara Thapattai and Silambam performances, followed by discussions on the Maruthu Brothers' contributions and an inspirational talk by students dressed as them. It concluded with closing remarks and a vote of thanks.



SANGAMAM'24

Sangamam'24, organized by the Crescent Tamil Mandram in collaboration with ISTD-C and final-year students, took place on February 4, 2024, at the Auditorium of B.S. Abdur Rahman Crescent Institute of Science & Technology. This vibrant event celebrated cultural exchange and showcased the diverse talents of the Crescent student body.



Sangamam'24 successfully highlighted the creativity and talents of Crescent students, making it a memorable experience for all involved.

CRESCENT ART CLUB- ARTVENTURE'24

The Artventure school visit, organized by the Crescent Art Club in collaboration with the Crescent Music Team, took place on February 6, 2024, at Panchayat Union Middle School in Keerapakkam Village, Chengalpattu district. This initiative aimed to nurture creativity among students through three main segments: drawing, music and dance, and a certificate presentation. A total of 47 students from the 5th grade, 58 from the 6th, 41 from the 7th, and 33 from the 8th participated. Club members guided students through essential artistic skills, ensuring personalized attention to foster creative growth. certificates were presented to students by the team members, the headmistress, and Dr. P. Ashok Kumar from the Crescent Art Club. Overall, this Artventure school visit significantly contributed to the artistic development of students while promoting creativity and joy within their community.



ROTARACT CLUB EVENTS

CHARTER DAY KONDATTAM

The club's Charter Day Celebration was held on January 6, 2024, at Tree Park, Vandalur, marking a day filled with engaging games that fostered camaraderie and sportsmanship among over 20 participants. The event featured various activities designed to build team spirit and encourage friendly competition, contributing to an atmosphere of collective enjoyment.



PITCH PLAY 2

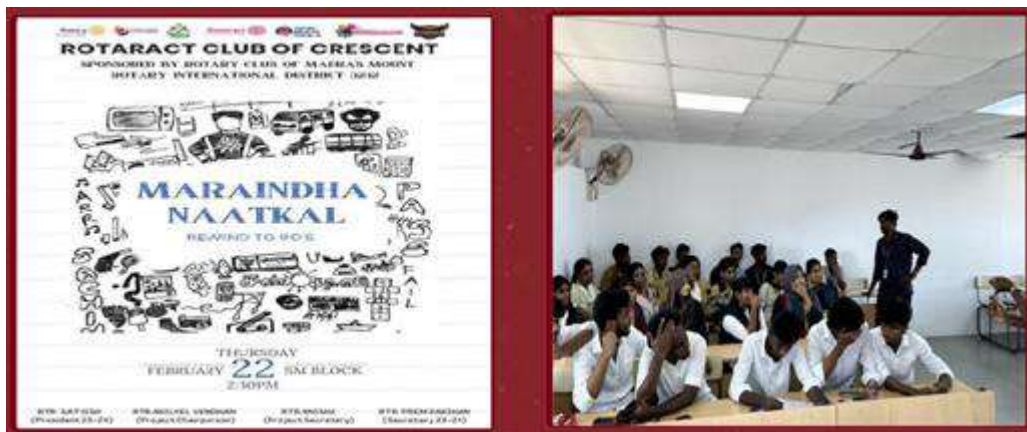
Project Description

Project Pitch Play 2 is a vibrant club service event designed to unite board members and Green Rotaractors for a day of cricket and engaging gameplay. Held on February 3, 2024, at 7STurf, Tambaram, the event fostered camaraderie and team spirit under the energetic leadership of Project Chairperson RTR. Deepak, with guidance from Club Service Director Rtr. Afzar Rahman and President Rtr. Sathish. Participants enjoyed exhilarating cricket matches and lively interactions, creating memorable experiences and strengthening connections among fellow Green Rotaractors. The event successfully highlighted the importance of teamwork and community engagement, with over 20 participants taking part in the day's activities.



MARAINDHA NAATKAL

Maraindha Naatkal - Rewind to the '90s was an entertaining project organized by the Rotaract Club of Crescent under the CLUB SERVICE Avenue, held on February 22, 2024, at the Crescent Campus. The event aimed to rekindle nostalgia for school days from the '90s while fostering meaningful communication among participants without the interference of electronic gadgets. By creating a setting reminiscent of that era, the project encouraged face-to-face interactions and deeper connections among attendees. With over 70 participants, the project was led by RTR. Akil Velvendhan as Project Chairperson and RTR. Anisha as Project Secretary.



IPL WITH BARBECUE

The IPL with Barbecue event, organized by the Club Service Team, took place on March 26, 2024, at CSD Home, Vandalur, successfully strengthening bonds among club members. Under the leadership of Project Chairperson RTR. Mohammed Suhaib and Project Secretary RTR. Rawoof, the event combined engaging IPL matches with a

delicious barbecue, creating a relaxed and enjoyable atmosphere for over 15 participants. The gathering fostered a strong sense of community and camaraderie, allowing members to connect and interact in a fun environment.



HONOR FEST

Honor Fest was an event dedicated to recognizing and celebrating the contributions of each board member to the club and its projects. Held on April 22, 2024, at Crescent Campus, the event featured the distribution of awards to acknowledge the hard work and dedication of the board members. The ceremony was graced by RTR. PP. Sanjana David Varma, DRRE, who served as the chief guest, adding distinction to the occasion. over 60 participants participated. The project was led by RTR. Afrin Fathima as Project Chairperson and RTR. Zunaid Abbas as Project Secretary, ensuring a memorable celebration for all involved.



BOYS VS GIRLS DEBATE

The Boys vs Girls debate event was held on April 22, 2024, at Crescent Campus, providing a platform for open discussion on the differences and unique perspectives between genders. Participants engaged in conversations, clarified doubts, and addressed stipulations related to gender differences, fostering social and individual connections between boys and girls. This initiative enhanced understanding among club members and brought them closer together, with over 25 participants taking part in the event. The project was led by RTR. Afzar Rahman as Project Chairperson, ensuring a successful and engaging experience for all involved.



TREASURE HUNT

The Treasure Hunt was an engaging club service initiative held on April 25, 2024, at Crescent Campus. This event combined intellect and physical activity, challenging students to locate various spots on campus using poorly taken photos as clues. With over 50 participants, the fun and interactive activity encouraged teamwork and collaboration, helping participants connect with each other while working towards a common goal. Led by Project Chairperson RTR. Aashik and Project Secretary RTR. Jeyasree, the event successfully fostered a sense of community and enjoyment among club members.



STUMBLE GUYS

Stumble Guys was an online initiative organized by the club service team, featuring the multiplayer game “Stumble Guys,” similar to “Fall Guys.” Held on May 12, 2024, this virtual event involved members competing in a platforming and foot-racing game, navigating obstacles and challenging terrain to win the crown. The game provided a fun and competitive environment for members to interact and enjoy, with over 25 participants taking part. The project was led by RTR. Aashik, ensuring an engaging experience for all involved



SMILE ON

Smile On was a free dental camp organized on January 30 and 31, 2024, for students of Crescent Campus. The project aimed to provide essential dental care services, including free tooth cleaning and filling facilities, in collaboration with Chettinad

Hospital. The initiative successfully served over 750 participants, emphasizing the importance of dental hygiene and health. The event highlighted the commitment to promoting well-being among students while making dental care accessible to all.



PASUMAI VALARPOM

Pasumai Valarpom was a tree plantation drive conducted on March 11, 2024, within the Crescent Campus. This environmental initiative focused on enhancing the green cover of the campus to promote better ecological balance. A total of 25 trees were planted, contributing to the campus's environmental well-being. The project was led by RTR. Mohammed Arshath, emphasizing the importance of sustainability and community involvement in preserving our natural environment



WORD OF WARRIORS

Word of Warriors was a community service project held on March 12, 2024, focusing on fostering peace and expressing gratitude to the Indian Army. Students prepared and sent thanksgiving letters to honor the army's dedication and service. The project was conducted both offline and online via Google Forms, benefiting over 35 participants. This initiative aimed to strengthen connections within the community while promoting appreciation for the sacrifices made by the armed forces. The project was led by RTR. Litesha Arya, ensuring a meaningful experience for all involved.



SPREADING SMILE

Spreading Smile was a project designed to promote positivity on campus, held on March 13, 2024. During this initiative, Rotaractors provided students with uplifting happy quotes to enhance their spirits and spread happiness. The project aimed to foster a positive atmosphere and improve student well-being, benefiting over 30 participants.

Led by RTR. Anisha, the event successfully contributed to creating an encouraging environment within the Crescent Campus community.



AADAI

Aadai was a community service project focusing on local economic support, held on March 13, 2024. Donation boxes were set up across the BSA Crescent Institute of Science and Technology campus to collect used clothes, which were then donated to Karunai Illam, a home for mentally challenged individuals. This initiative benefited over 40 people, highlighting the club's commitment to supporting vulnerable communities. The project was led by RTR. Nayeem Asfan as Project Chairperson and RTR. Akil Velvendhan as Project Secretary, ensuring effective organization and outreach for this meaningful cause.



SARVAM

Sarvam was a napkin vending machine donation project held on March 14, 2024. The initiative involved donating a vending machine and 30 packs of sanitary napkins to Shri Krishnaswamy College for Women, aiming to support maternal and child health by providing essential hygiene products. This project benefited over 250 participants, highlighting the importance of accessible hygiene solutions for women's health. The initiative was led by RTR. Gnaanashree, ensuring a meaningful contribution to the community's well-being.



EEGAI

Eegai was a community service project focusing on educational support and development, held on March 15, 2024. During this initiative, a book rack and 20 books were donated to Government Aadhidraavidar Welfare Secondary School in Urapakkam. The donation aimed to aid the school in overcoming economic challenges and support its educational mission, benefiting over 100 students. The project was led by RTR. Zunaid Abbas, emphasizing the importance of access to educational resources for enhancing learning opportunities in the community.



KADAL-KARAI

Kadal-Karai was a community service project aimed at improving beach hygiene, held on March 16, 2024, at Kovalam. Rotaractors participated in a beach cleaning activity, removing waste and pollutants from the beach shores to enhance the cleanliness and environmental health of the area. The initiative successfully promoted environmental awareness and community involvement, contributing to a cleaner and healthier beach environment. The project was led by RTR. Nayeem Asfan as Project Chairperson and RTR. Akil Velvendhan as Project Secretary, ensuring effective organization and participation in this vital cause.



WORLD ROTARACT WEEK 23-24

World Rotaract Week 23-24 was co-hosted by the Rotaract Club of Crescent from March 11 to March 17, 2024. This week-long series of community service activities addressed various social issues and celebrated Rotaract's global impact. The event featured 21 projects and concluded with a valedictory event, benefiting over 1,200

participants. The initiative aimed to enhance community engagement and awareness while showcasing the contributions of Rotaractors to society. The project was co-chaired by RTR. Pres. Sathish, ensuring a successful and impactful week for all involved.



PASUMAI VALARPOM 2.0

Pasumai Valarpom 2.0 was a tree plantation drive conducted on April 2, 2024, at Crescent Campus. This initiative aimed to further enrich the campus's green cover by planting a total of 100 trees, significantly contributing to the environmental health of the area. The project was led by RTR. Udhayaprakash as Project Chairperson and RTR. Mohammed Arshath as Project Secretary, emphasizing the importance of sustainability and ecological balance within the campus community.



INSIDEOUT

Inside Out was a project focused on promoting mental well-being. On April 2, 2024, participants anonymously shared their worries through letters, which were displayed in a classroom setting to raise awareness and foster empathy among peers. This initiative aimed to support mental health and create a supportive community environment.

Project Chairperson: RTR. Vidhula Saravanan

Project Secretary: RTR. Nishitha

Total Number of Beneficiaries: 50+



DAILY DOSE

Daily Dose was a project designed to spread positivity on campus. On April 2, 2024, a box filled with 100% handmade positive notes was set up for students to take and start their day with a positive outlook. This initiative aimed to encourage a happy and motivated campus atmosphere.

Project Chairperson: RTR. Vidhula Saravanan

Project Secretary: RTR. Mahalakshmi

Total Number of Beneficiaries: 50+



VANNANGAL

Vannangal was a collaborative project involving 15 co-host clubs, aimed at beautifying a government school near Chintadripet. On April 7, 2024, the initiative involved painting and decorating the school to create an inspiring learning environment. The project transformed the school into a vibrant and welcoming space.

Venue: AIWC High School, Chennai

Project Co-Chairperson: RTR. Mohammed Suhaib

Total Number of Beneficiaries: 250+



PROJECT 3232

Project 3232 was a collaborative initiative between the Rotaract Club of Crescent and the Rotaract Club of New College. Held on May 11, 2024, the project focused on drug awareness. Pamphlets were distributed to local shops to discourage the sale of drugs, with support from an NGO and the Chennai Police Department.

Venue: Chennai

Project Co-Chairperson: RTR. Premrakshan

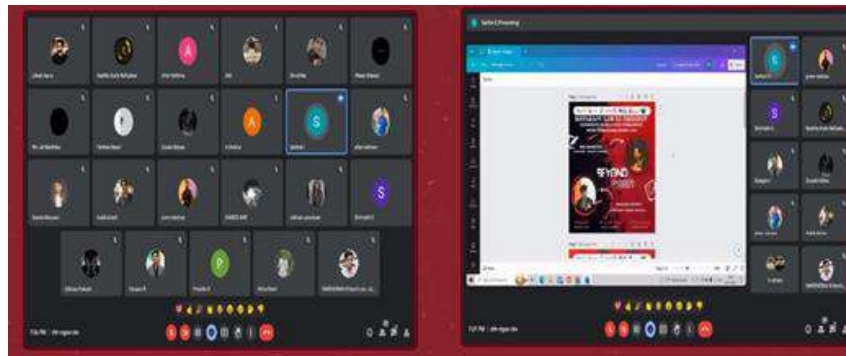
BEYOND WORDS

Beyond Words is a workshop aimed at enhancing skills in report writing and poster making. Hosted on January 20, 2024, via Google Meet, the session was led by RTR. Pres. Sathish and RTR. Shrimathi. The workshop covered key aspects of creating effective reports and visually engaging posters, equipping participants with practical skills for professional and academic use.

Platform: Google Meet

Project Chairperson: RTR. Zunaid Abbas

Total Number of Beneficiaries: 40+



ROAD TO SAFETY

Road to Safety is an awareness program held on February 14, 2024, within the BSA Crescent Institute of Science and Technology campus. Organized in collaboration with the Metropolitan Transport Corporation (Chennai) Ltd., the event featured a rally and informational sessions emphasizing helmet usage and general road safety measures. The initiative aimed to enhance awareness and promote safer driving practices among students.

Project Chairperson: RTR. Nayeem Asfan

Total Number of Beneficiaries: 500+



ART OF PUBLIC SPEAKING

Art of Public Speaking is a professional service session focused on improving public speaking skills. Held on March 12, 2024, via Google Meet, the session was conducted by RTR. Jai Nandhika and RTR. Mohan Raj. It provided guidance on overcoming stage fright and developing effective public speaking techniques, benefiting green Rotaractors and other students at BSA Crescent Institute of Science and Technology.

Platform: Google Meet

Project Chairperson: RTR. Nayeem Asfan

Project Secretary: RTR. Akil Velvendhan

Total Number of Beneficiaries: 45+



EMPOWER HER

EmpowerHer is a professional service project dedicated to women's wellness and psychological health. On March 14, 2024, Dr. Saranya, a wellness psychologist, conducted a session at Crescent Campus. The workshop provided valuable information on women's health and psychological well-being, benefiting female Rotaractors and students.

Venue: Crescent Campus

Project Chairperson: RTR. Vidhula Saravanan

Total Number of Beneficiaries: 45+



SUTTRUSULAL

Suttrusulal was a professional services session on environmental awareness held on March 14, 2024, via Google Meet. Dr. Radhika Meganadhan led the session, which covered topics such as environmental damage, prevention methods, and health hazards associated with environmental degradation. The initiative aimed to increase awareness about maintaining a healthy environment.

Platform: Google Meet

Project Chairperson: RTR. Nayeem Asfan

Project Secretary: RTR. Akil Velvendhan

Total Number of Beneficiaries: 55+



ENDWAR

Endwar was a collaborative art workshop held on March 15, 2024, at Crescent Campus. The project, in partnership with Crescent Creative Strokes, focused on promoting peace and illustrating the adverse effects of war. The displayed artworks aimed to raise awareness about the importance of peace and the impact of conflict on global harmony.

Venue: Crescent Campus

Project Chairperson: RTR. Afreen Shenaz

Total Number of Beneficiaries: 50+



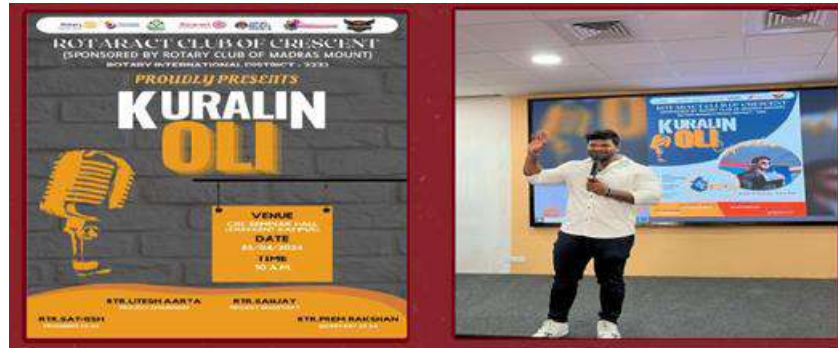
KURALIN OLI

Kuralin Oli was a notable event held on April 3, 2024, at Crescent Campus featuring Pascal Xavier Anna. Pascal's engaging presentation and insightful knowledge left a lasting impression on attendees. His ability to connect with the audience made the event both educational and memorable, significantly enriching the participants' experience.

Project Chairperson: RTR. Litesha Arya

Project Secretary: RTR. Sanjay

Total Number of Beneficiaries: 100+



WHISPERS TO WISHES

Whispers to Wishes focused on maternal health and child care. Conducted on April 28, 2024, via Google Meet, Dr. Sruthi Saravanan led the session, providing valuable information on maternal health and child care practices. The session aimed to educate Rotaractors and students about essential aspects of health and wellness for mothers and children.

Platform: Google Meet

Project Chairperson: RTR. Premrakshan

Total Number of Beneficiaries: 60+



CRYPTO CAPITAL

Crypto Capital was a session held on April 28, 2024, via Google Meet, focusing on cryptocurrency and encryption technologies. The project aimed to educate participants about the fundamentals of crypto assets and the potential of blockchain technologies in creating a borderless economic system. The session also addressed common questions and misconceptions about cryptocurrencies.

Platform: Google Meet

Project Chairperson: RTR. Udhayaprakash

Total Number of Beneficiaries: 50+



KARKA KASADARA

Karka Kasadara was a year-long professional service initiative that ran from August 21, 2023, to May 1, 2024. This project focused on educating people about lesser-known Tamil words and their meanings through social media. Posters were shared on various platforms to increase awareness and appreciation for Tamil language and vocabulary.

Platform: Social Media

Project Chairperson: RTR. Fathima Beevi

Project Secretary: RTR. Rasitha



THAALA: MELOVERSE 1.0

Thaala: Meloverse 1.0 was a global talent show hosted by the Rotaract Club of Uva Wellassa University-Badulla, RID District 3220. The event, themed "Where Music Weaves Cultures," featured musical performances from various participants worldwide. The Rotaract Club of Crescent participated as a co-host and contributed four videos, including three Tamil songs and one English song, performed by the Crescent Music

Team. Each participant received an e-certificate for their involvement in this collaborative project.

Date: January 23, 2024

Platform: Google Meet

Project Chairperson: RTR. Nishitha



ROAD TO ROTARACT

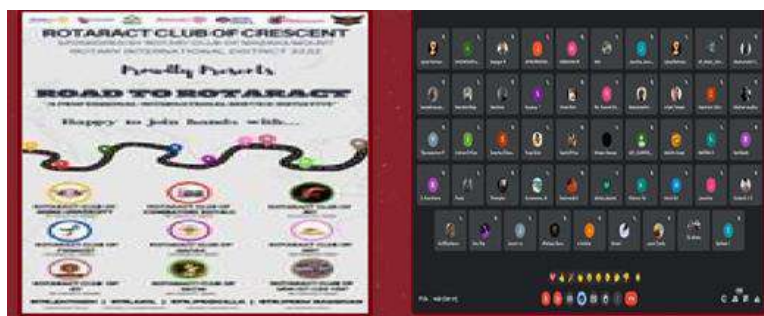
Road to Rotaract was an interactive online session hosted by the Rotaract Club of Crescent in collaboration with nine other clubs. The session, held from January 26 to January 27, 2024, aimed to introduce Green Rotaractors and prospective members to the Rotaract community. It served as a platform to clear doubts about Rotaract, provide insights into its activities, and foster interest in joining the organization. The event was designed to be engaging and informative, ensuring participants gained a comprehensive understanding of Rotaract's objectives and opportunities.

Platform: Google Meet

Project Chairperson: RTR. Akil Velvendhan

Project Secretary: RTR. Priscilla

Total Number of Beneficiaries: 200+



CRESCENTIAN VOICE CHANNEL- CRESCENT CAMPUS RADIO

On July 24th, 2024, Crescent Campus Radio, presented by the Crescentian Voice Channel in collaboration with MIT Square, London, and the RAISE Centre of Excellence, delivered an engaging broadcast that showcased a diverse range of topics and perspectives. This partnership aimed to enrich campus radio programming and foster international connections. The inauguration of Crescent Campus Radio, powered by MIT Square, took place at the Seminar Hall (MBA Block) and included a Memorandum of Understanding (MoU) signing at the Registrar's office, attended by key university officials.

The event commenced at 3:00 PM with a heartfelt welcome address by Shalini I, a third-year B.Tech student, emphasizing the role of campus radio in community building. Following this, Ms. Bhuvaneshwari Loganathan, Co-founder and COO of MIT Square, delivered an inspiring speech at 3:30 PM, discussing responsible broadcasting and addressing student inquiries.

At 3:45 PM, alumnus Mr. Shafin Prem shared insights about the history and evolution of the Crescent Voice Club, motivating current members to engage actively. A lively Q&A session led by Viknesh G. followed at 3:50 PM, allowing students to interact directly with Mr. Prem.

The event concluded with a vote of thanks by Shalini I at 4:00 PM, expressing gratitude to all contributors and highlighting the collaborative spirit of this initiative aimed at empowering students and fostering community engagement through broadcasting



DISASTER PREPAREDNESS – AWARENESS PROGRAM

On April 1, 2024, the School of Infrastructure conducted an awareness program themed “Disaster Preparedness” for third-year Engineering students enrolled in the Disaster Management course. The session, which ran from 1:30 PM to 3:40 PM, aimed to educate students on the importance of disaster prevention and management.

The event began with a recitation of Qirath followed by the Tamil Thai Vazhthu, setting a respectful tone for the proceedings. Dr. K. Yogeswari, a professor, delivered a warm welcome address emphasizing the significance of taking preventive measures before disasters occur. The session was presided over by Mr. Krishnamoorthy, a fire service officer, who discussed the importance of effective disaster management and strategies to mitigate impacts.

During the program, various types of disasters and their causes were explained in detail, including case studies such as the Chennai floods and LPG gas explosions. Emphasis was placed on safety measures when handling household liquids and gases.

A dedicated workshop on Fire Safety Training provided participants with hands-on experience in using different types of fire extinguishers for various fire scenarios, including those involving oil, electricity, and dry materials.

The event concluded with a vote of thanks from Dr. Karthikeyan Ramalingam, Dean of Student Affairs, who expressed gratitude to all participants and speakers for their contributions to the program.

The outcomes of this awareness program included increased awareness about fire safety and enhanced preparedness for potential fire accidents among students.



DEPARTMENT OF PHYSICAL EDUCATION

OPEN TOURNAMENTS

SRM Founders Trophy – 2023 [All India Inter Collegiate Tournament]

- Event : Badminton - Men
- Organized by : SRM – Directorate of Sports
- Date : 21.08.2023
- Venue : SRM University, Kattankulathur
- Place / Position : Bronze



All Prize Winners with SRM Officials



Trophy Receiving from SRM Officials

Tamil Nadu State Silambam Championship 2023

- Event : TN State Silambam Championship 2023
- Organized By : Youth Sports Development Assn
- Date : 10.09.2023
- Venue : K.B.J Guru Kullam School Kolathur.
- Place / Position : Vall Veesu Gold And Also Fight Gold.
- Students Name : P.Roshini I Year B.Com



2nd South India Karate Championship -2023

- Event : 2ND South India Karate Championship -2023
- Organized by : Karate Kerala Association
- Date : 09.09.2023 TO 10.09.2023
- Venue : Jimmy George Sports Hub Kerala
- Place / Position : Gold



11th State Level Athletic Invitation Tournament

Event : 11th State Level Athletic Invitation
 Organized By : Asian Star Sports Club
 Date : 05.09.2023
 Venue : Jawaharlal Nehru Stadium, Chennai
 Place / Position : 400 Mts Gold ,800 Mts Gold & 4x100 Silver
 Students Name : Janani Ganesan - I B.Tech EEE



IITMADRAS SPORTSFEST 2023

- Event : Badminton Men
- Organized by : IIT Madras – Department of Physical Education
- Date : 21.09.2023 And 22.09.2023
- Venue : IIT Madras
- Place / Position : Winner

STUDENTS NAME LIST

S.No	Name of The Students	Year	Department
1	S. A. Rajaram	II	MBA
2	J. Amrit Kishore	III	B.Tech (Civil)
3	K.Vignesh	II	B.Com
4	S. Sanjay	I	B.Com
5	Mohamed Safwan	III	B.Tech [Civil]
6	Mohamed Mohideen	I	B.Tech



IIT Madras Sportsfest 2023

- Event : Badminton Men
- Organized by : IIT MADRAS– Department of Physical Education
- Date : 21.09.2023 AND 22.09.2023
- Venue : IIT Madras
- Place / Position : Winner

STUDENTS NAME LIST

S.No	Name of The Student	Year	Department	
1	S. A. Rajaram	II	MBA	
2	J. Amrit Kishore	III	B.Tech (Civil)	
3	K.Vignesh	II	B.Com	
4	S. Sanjay	I	B.Com	
5	Mohamed Safwan	III	B.Tech [Civil]	
6	Mohamed Mohideen	I	B.Tech	



YMCA Buck Memorial Sports Festival– 2023

Event : JUDO
 Organized by : Buck Memorial Sports Festival 2023
 Date : 22.08.2023
 Venue : YMCA College of Physical Education
 Place / Position : Silver Model
 Student Name : V.Pavithran, B.Tech I Year



15TH Sub Junior Futsal National Championship – 2023]

- Event : Futsal
- Organized By : Rajasthan Soccer Futsal Association
- Date : 25.08.2023 To 27.08.2023
- Venue : Dreamplay Ground ,Jaipur
- Place / Position : Runner -Up



YMCA Buck Memorial Sports Festival– 2023

- Event : Boxing
- Organized By : Buck Memorial Sports Festival 2023
- Date : 22.08.2023
- Venue : Ymca College of Physical Education
- Place / Position : Gold Model
- Student Name : Mohaideen Irfan .B



YMCA Buck Memorial Sports Festival– 2023

- Event : Takewondo
- Organized By : Buck Memorial Sports Festival 2023
- Date : 22.08.2023
- Venue : Ymca College of Physical Education
- Place / Position : Silver Model
- Student Name : Kannan.P



IIT Madras Sportsfest 2023

- Event : Athletics Women
- Organized by : IIT Madras – Department of Physical Education
- Date : 24.09.2023
- Venue : IIT Madras
- Place / Position : 800mtr-gold ,400mts -silver, long jump - bronze

S.No	Name of The Students	Year	Department	Event
1	Janani Ganesh	I	B.Tech EEE	800,400 mtr
2	P. Rosini	I	B.Com	Long jump



AIU [Association of Indian Universities] - TOURNAMENTS

South West Zone Inter University Karate –Women Tournament 2023-24

Event : Karate - Women
 Organized By : South West Zone Inter University
 Date : 15:01:2024 To 20:01:2024
 Venue : Lnct Bhopal
 Place / Position: Bronze Medal



All India Inter University Korfball – Women Tournament 2023-24

Event : KORFBALL - MIXED
 Organized by : All India Inter University
 Date : 01.03.2024 TO 03.03.2024
 Venue : BSA CRESCENT IST
 Place / Position : IV Place



STAFF OUTREACH PROGRAMS

Dr. S. Selvakumar has been invited as a Resource Person for the National Seminar on AIU – Sports organization and Latest Guidelines at Tamilnadu Physical Education and Sports University, Chennai, on October 9, 2023.





Dr. S. Selvakumar has been invited as a Resource Person for the International Conference on Physical Education & Sports at Manipal University Jaipur, in association with the Rajasthan State Sports Council, from November 1 to November 3, 2023.



Dr. S. Selvakumar has been nominated as an AIU observer for the South Zone Inter University Kabaddi Men's Tournament, organized by JNTU Kakinada, Andhra Pradesh at Aditya Engineering College, Samalkota from November 9 to November 12, 2023.



Dr. S. Selvakumar has been invited as an External Expert Committee Member for the South Zone Inter University Table Tennis Women's Tournament 2023-24, organized by AMET University, Chennai, from December 21 to December 24, 2023.



Dr. S. Selvakumar has been invited as an AIU Observer for the South Zone Inter University Volleyball Tournament 2023-24, organized by Sri Padmavati Mahila Visva Vidhyalayam (Women's University) in Tirupati, from December 27 to December 31, 2023.



Dr. S. Selvakumar has been invited as an Expert Committee Member for an Open Forum Discussion on organizing the AIU Inter University Sports & Games Tournament for the upcoming year on December 28, 2023, at National Sanskrit University, Tirupati, AP



Dr. S. Selvakumar has been invited as an Expert Committee Member for the South Zone Inter University Athletics Tournament 2023-24, organized by Tamilnadu Physical Education and Sports University, Chennai, from January 5 to January 7, 2024.



Dr. S. Selvakumar has been invited as an AIU Observer for the South Zone Inter University Cricket Tournament 2023-24, organized by Alagappa University, Karaikudi, from January 18 to January 22, 2024.



Dr. S. Selvakumar has been invited as an AIU Coordinator for the Khelo India 4th Edition - University Games [Boxing - Men] Tournament 2023-24, organized by the Ministry of Youth Affairs and Sports, Government of India, in association with the Government of Sikkim [Youth Affairs & Sport], held at Gangtok from January 24 to January 29, 2024.



Dr. S. Selvakumar with Educational Minister of Sikkim Govt.

Dr. S. Selvakumar has been Invited Member for AIU – Annual General Body



Meeting 2024-25 Organized by Association of Indian Universities, New Delhi on 24th April 2024 at Jain University, Bangalore - Karnataka.



Dr. S. Selvakumar has been invited to attend the AIU Annual General Body Meeting 2024-25, organized by the Association of Indian Universities, New Delhi. on May 7, 2024, at KIIT University at Bhubaneshwar, Odisha.



Dr. S. Selvakumar has been invited to serve as an AIU member for the FISU World University Beach Volleyball Selection Trials 2024, organized by AMET University and SRM University, Chennai. The trials will take place at Kanathur Beach on May 21st and 22nd, 2024. at Rio, Brazil, on September 2024.



Dr. S. Selvakumar has been nominated for the Jeppiaar Award 2024, "Future of India Sports," organized by Jeppiaar University, Chennai, on June 11, 2024.



OFFICE OF THE ESTABLISHMENT

I. TEACHING STAFF RECRUITMENT:

We are pleased to present the Annual Report on Teaching Staff Recruitments from the Office of the establishment. Under the valuable guidance and direction from Vice Chancellor, Pro-Vice Chancellor and Registrar, we successfully completed the recruitment process for the year 2023 and the recruitment process for the year 2024 is in progress. The approach included identifying department needs, conducting job analysis and descriptions, evaluating candidate potential, and performing screening and selection processes, followed by interviews and assessments. By centralizing the scrutiny of resumes at the school level rather than the department level, we improved time management and expedited the recruitment process in a smooth manner.

In 2023, approximately 48 positions were required across various departments, with 253 candidates applying. Of these, 141 applications were shortlisted, and call letters were issued, resulting in the selection of 48 faculty members.

In 2024, around 71 positions were needed across 12 departments. The Advertisement has been released in paper media and in the university website, after careful centralized scrutiny of the applications, call letters were sent to 298 candidates, leading to the selection of 51 faculty members. The selection process was conducted by a panel committee, including experts from the respective departments. Overall, the recruitment and selection process for teaching faculty was conducted smoothly and efficiently. We are confident that we will continue to improve our performance in the coming years.

I.1 Recruitment Details – 2023 – Posting – Assistant Professor

S.N	Department	No. of Vacancies/ Recruitment	No. of Candidates Applied	No. of Candidates Shortlisted	No. of Candidates Selected	Date
1	EEE	5	7	7	5	13-07-2023
2	CSE	6	4	2	6	14-07-2023
3	Life Sciences	7	2	1	7	16-07-2023
4	MBA	6	3	2	6	17-07-2023
5	Life Sciences(online)	4	1 1	8	4	11-08-2023
6	CSE	8	2	1	8	16-08-2023
7	PHYSICS	2	2	9	2	11-10-2023
8	CHEMISTRY	1	2	9	1	16-10-2023
9	LAW	5	4	2	5	19-10-2023
10	SAIS	3	1	8	3	20-11-2023
11	ENGLISH	1	7	4	1	23-11-2023
		4	253	141	4	

I.2 Recruitment Details – 2024 - Posting – Assistant Professor

S.N	Department	No. of Vacancies/ Recruitment	No. of Candidates Applied	No. of Candidates Shortlisted	No. of Candidates Selected	Date
1	AEROSPACE	1	12	6	1	20-06-2024
2	AUTOMOBILE	1	34	08	1	20-06-2024

3	CSE	1	32	23	6	13-06-2024
4	CA	8	60	40	7	13-06-2024
5	I.T	3	5	5	3	13-06-2024
6	PHARMACY	5	21	16	3	21-06-2024
7	ECE	5	57	26	5	25-06-2024
8	LAW	5	100	48	5	26-06-2024
9	MATH & AS	3 – MATH 2 – A.S	166	63	5	27-06-2024
10	CIVIL	5	98	23	5	03-07-2024
11	L.SCI	8	136	22	5	04-07-2024
12	Architecture	1	27	18	05	01.08.2024
Total		7	748	298	51	

I. Non – Teaching Staff Recruitment:

The Requirements for various non-teaching positions, such as Junior Assistants, Lab Technicians, System Analysts, Lab Instructors, and Attenders, were collected from various departments across the school. The CVs were shortlisted based on experience and skill set, and the selected candidates were invited for interviews. The interview process began at the department level, where candidates were screened and assessed for the necessary skills. Performance evaluations were conducted by the respective Deans and Heads of Departments (HoDs).

Candidates who passed this initial screening were then presented to the final assessment panel, which included the Vice-Chancellor, Pro-Vice Chancellor, and Registrar. Based on their performance, the final selection of non-teaching staff was made, and selection letters were sent to the chosen candidates. During the period, June 2023 – July 2024 18 Non Teaching staffs were recruited for the various positions from 92 applicants applied on total.

II.1 Non-Teaching Staff - Recruitment Details – 2024

S. No	Emp. No.	Name	Designation	Department	Date of Joining
1	2024083	Mr. Senthil Kumar	Junior Assistant	Administrative Office	22-07-2024
2	2024028	Mr. C. Sujan	Junior Assistant Gr - II	Administrative Office	19-03-2024
3	2024036	Mrs. M. Bismilla Begam	Technician	Chemistry	15-04-2024
4	2024087	Ms. Parveen Banu	Junior Assistant	Commerce	24-07-2024
5	2024084	Mr. Paulson N George	Office Assistant Gr - III	Computer Science and Engineering	22-07-2024
6	2024077	Ms. Rekha S	Junior Assistant	Crescent School of Architecture	19-07-2024
7	2024039	Mr. A. Prasanna	Office Assistant Gr - III	Crescent School of Architecture	08-05-2024

8	2024029	Mr. A. Ashik Sikkanthar	System Analyst Cum Operator Gr - II	Data Centre	20-03-2024
9	2024080	Mr. S. Abdul Kaseem	System Analyst Cum Operator Gr - II	Data Centre	22-07-2024
10	2024026	Ms. Sr. Thaslimaa Begum	Technician	Electronics and Communication Engineering	19-03-2024
11	2024025	Ms. M. Hajara Mugasina	Junior Assistant Gr - II	International Quality Assurance Cell	19-03-2024
12	2024034	Ms. N. Sakira Banu	Junior Assistant Gr - II	International Quality Assurance Cell	27-03-2024
13	2024027	Mr. Mohamed Jabith	Junior Assistant Gr - II	Office of Dean Student Affairs	19-03-2024
14	2023085	Mr. Barani A	Selection Grade Office Assistant (Superannuation)	Office of Director (Admissions)	01-08-2023
15	2024018	Mr. A. Sham Sheer Khan	Asst. Manager (Marketing)	Office of Director (Admissions)	06-03-2024
16	2023093	Mr. A. Mohamed Karimullah	Event Manager	Public Relations Office	09-11-2023
17	2024022	Mr. P. Adimoolam	Office Assistant Gr. III	Public Policy	18-03-2024
18	2024024	Mrs. P. Gunasundari	Junior Assistant Gr - II	School of Social Science and Humanities	19-03-2024

III. Salient Features and Significant Improvements shown in last one year in Office of the Establishment:

1. The centralization of the scrutiny process has streamlined the recruitment workflow, allowing us to efficiently move through subsequent steps and save time.
2. To manage the high volume of received hard copy applications, we automated the process by extracting key details from the CVs and creating abstracts. This automation helps us screen and filter applications based on the required skill sets more effectively.
3. The Office of Establishment offers interest-free education loans to the children of non-teaching staff members who have completed their probationary period.
4. 7th Pay Scale has been implemented for both Teaching and Non-Teaching Staffs in the university this year.
5. This year, the automation of Compensation Leave (CPL) in the HRMS module has been successfully implemented, and institute employees have started utilizing this new feature.

ESTATE OFFICE

Infrastructure Facilities:

- Refurbishment of IT Lab-East wing with a cost of 55 Lakhs
- Establishment of Crescent Global Outreach Mission CGOM in Life Science Block @ cost of Rs.14 lakhs
- Refurbishment of Physics laboratory in Basic Sciences Block with a cost of 55 Lakhs.
- Refurbishment of MCA Seminar hall, computer lab and faculty cabin in 2nd floor science block area 2000sq.ft @ cost of Rs.25 lakhs
- Refurbishment of IT lab, 2000sq.ft @ cost of Rs.59 lakhs
- Construction of CIIC startup office & seminar hall 10000sq.ft @ cost of Rs.1 crore
- Renovation & Maintenance work of G+2 class room in MBA block @ cost of Rs.35 lakhs
- ECE department Micro wave lab renovation work @ cost of Rs.9.6 lakhs
- Modification of 2nd Gate and compound wall work @ cost of Rs.6.9 lakhs
- Community Hall renovation work @ cost of Rs.11.7 lakhs
- Establishment of Electrical vehicle lab in EEE department @ cost of Rs.7.5 lakhs
- Construction of GST Main gate work for pedestrian entrance @ cost of Rs.2.3 lakhs
- Two wheeler parking concrete floor paver work @ cost of Rs.8.8 lakhs
- Vandalur - Kelambakkam road signals & speed breakers fixed near Main Gate towards Kelambakkam & GST road @ cost of Rs.2 lakhs
- Diesel room construction work @ cost of Rs.2 lakhs
- All block class room maintenance work @ cost of Rs.18 lakhs
- Establishment of new swimming pool @ cost of Rs.70lakhs
- Construction of new prayer hall for day scholar students @ cost of Rs.35 lakhs
- Establishment of Social Pharmacy lab in Pharmacy department ground floor @ cost of Rs.2.17 lakhs
- Construction of car parking shed near New Staff Quarters @ cost of Rs.9.40 lakhs
- Auditorium building terrace water proofing work @ cost of Rs.5.71 lakhs

KBA Men's Hostel

- Construction of Additional Raw water storage tank of 75,000 liters work and construction of Storm water drain work 500 meters, road work, SWM shed, grease trap tank separate hand wash area @ cost of Rs.75 lakhs.
- Men's Hostel Maintenance work- Dining Hall tiles work and painting work @ cost of Rs.24 lakhs
- Construction of additional space for prayer hall in Masjid terrace with Steel Truss roofing work @ cost of Rs.40 lakhs in Men's Hostel campus.
- Men's Hostel STP roofing sheet replacement work @ cost of Rs.6.5 lakhs.
- Construction of STP Additional 100 KLD capacity increased in Men's hostel campus.
(Total capacity 350KLD) @ cost of Rs.40 lakhs.
- Men's Hostel OTS flooring work @ cost of Rs. 4 lakhs.
- Provide oil grease skimmer system 4.5 lakhs and replacement of filter media at STP.
- DTCP planning permit approval for hostel building complete 2.75 sq.ft @ cost of 1.5 crores.

TBAK Ladies Hostel:

- Ladies Hostel main block terrace seepage water proofing work @ cost of Rs.4.7 lakhs.
- Construction of finishing works in Ladies Hostel phase-II 15000sq.ft @ cost of Rs.1.38 Crore.
- Maintenance works are carried out in Ladies Hostel MAIN block, Annexure block and new block @ cost of Rs.7 lakhs.
- Ladies hostel all buildings maintenance works carried out @ cost of Rs.41 lakhs.

Electrical & Plumbing & RO

- BLDC Ceiling Fans 500Nos purchased and installed in all classrooms and hostel rooms @ cost of Rs.13.5 lakhs
- Replacement of new centralized VRF unit 10 Nos in Seminar Hall I @ cost of Rs.18 lakhs
- 39 Blue star water coolers purchased for whole campus including hostels @ cost of Rs.15 lakhs
-
- Re- installation of 350 kVA Genset (cater pillar) in power room @ cost of Rs.0.5 lakhs
- New Fire hydrant system installed in Convention centre @ cost of Rs.7 lakhs
- Installation of new LED name board in GST gate @ cost of Rs.0.5 lakhs
- CCTV 50Nos purchased for Mechanical Science Block @ cost of Rs.3.93 lakhs installation work in progress
- 1000LPH new RO plant near Aero block @ cost of Rs.2.43 lakhs
- 2000LPH RO plant installed in Men's Hostel @ cost of Rs.4.2 lakhs
- Men's Hostel main block complete new electrification work @ cost of Rs.24.98 lakhs
- Smart Energy sparing (Smart door lock) 84 Nos purchased for Men's Hostel @ cost of Rs.2.67 lakhs
- Electrical substation maintenance work(VCB) @ cost of 2.25 lakhs
- Re – installation of solar main panel @ cost of Rs.6 lakhs
- Laying of LT cable from Substation to Arabic college @ cost of Rs.8 lakhs

Transport:

- New Ashok Leyland Bus purchase @ cost of Rs.42.93 lakhs with seating capacity 55 Nos
- New Eicher Bus purchased @ cost of Rs.39 lakhs
- New TATA Bus purchased @ cost of Rs.36 lakhs
- New Water Lorry Tanker purchased @ cost of Rs.31Lakhs
- New Tata Intra load vehicle purchased @ cost of Rs.9.50 lakhs
- New EECO van purchased for Admission department @ cost of Rs.6.67 lakhs
- New Battery car (10 seater capacity) purchased for CIIC @ cost of Rs.11lakhs.

Infrastructure Facilities Photographs



CA Seminar Hall



CA Staff Cabin



IT Lab



CIIC Seminar Hall



Ladies Hostel Phase II



Ladies Hostel Room



Ladies Hostel 1st floor



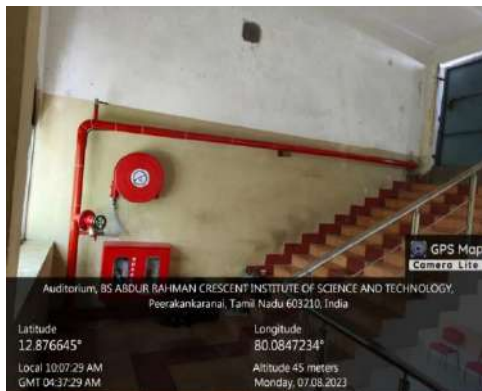
STP 100 KLD capacity Increased in Men's Hostel



EEE Vehicle Lab



Gate II towards Kelambakkam



Auditorium Fire Hydrant



Fire Hydrant System in Auditorium



GST Gate With Signage



Diesel room



PG Block Entrance



Men's Hostel Toilet



Essential Staff Toilet



Men's Hostel Dining area roof Sheet work



Power Room Generator Shed



Caterpillar 320 kva DG



Hostel Masjid Terrace Roof Work



1000 LH RO Plant



New Ashok Leyland Bus



New Eicher Bus



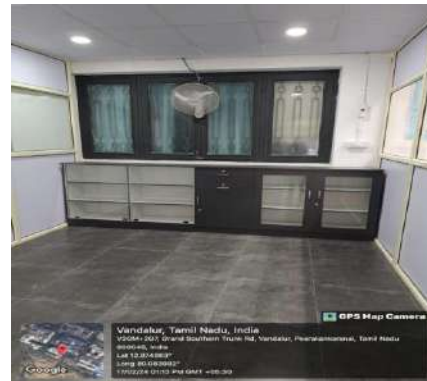
New Eicher Water Tanker



New TATA Bus



Social Pharmacy Lab



New EECO Van



Tata Intra- Load Vehicle



New Staff Quarters Car Parking



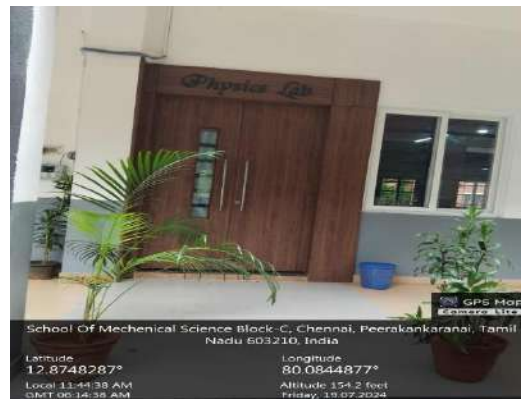
Auditorium Terrace water Proofing



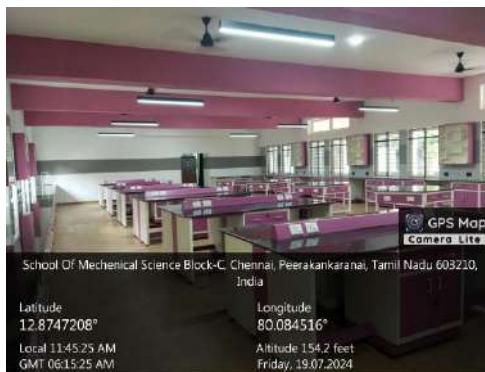
New Prayer Hall for day scholar students



IT Lab



Physics lab



Physics lab



CGOM

SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DEPARTMENT OF INFORMATION TECHNOLOGY

DEPARTMENT OF COMPUTER APPLICATIONS

DEPARTMENT OF MATHEMATICS & ACTUARIAL SCIENCE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2. Value Added Programmes Offered

S. No.	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants	
					Students	Faculty
1	Introduction to Industry 4.0 and Industrial Internet of Things	July-October 2023	12 Weeks	SWAYAM NPTEL	-	2
2	Big Data Computing	Aug-October 2023	8 Weeks	SWAYAM NPTEL	-	6
3	Cyber Security and Privacy	July-October 2023	12 Weeks	SWAYAM NPTEL	-	2
4	Cloud Computing	July-October 2023	12 Weeks	SWAYAM NPTEL	-	2
5	Blockchain and its Applications	January-April 2024	12 Weeks	SWAYAM NPTEL	1	-
6	Data Analytics with Python	January-April 2024	12 Weeks	SWAYAM NPTEL	5	-
7	Online Certification-Data Base Management System	January-March 2024	8 Weeks	SWAYAM NPTEL	23	-
8	Online Certification-Data Mining	January-March 2024	8 Weeks	SWAYAM NPTEL	6	-
9	Online Certification-Effective Writing	January-Feb 2024	4 Weeks	SWAYAM NPTEL	128	-
10	Online Certification-Soft Skill Development	January-March 2024	8 Weeks	SWAYAM NPTEL	44	-
11	Online Certification-The Joy of Computing using Python	January-April 2024	12 Weeks	SWAYAM NPTEL	3	-
12	Online Certification-Natural Language Processing	January-April 2024	12 Weeks	SWAYAM NPTEL	1	-
13	Online Certification-Programming In Java	January-April 2024	12 Weeks	SWAYAM NPTEL	1	-
14	Online Certification-Blockchain and its Applications	January-April 2024	12 Weeks	SWAYAM NPTEL	-	2
15	Online Certification-Computer Networks And Internet Protocol	January-April 2024	12 Weeks	SWAYAM NPTEL	-	4
16	Online Certification-Deep Learning	January-April 2024	12 Weeks	SWAYAM NPTEL	-	2
17	Online Certification-Edge Computing	January-April 2024	12 Weeks	SWAYAM NPTEL	-	1
18	Online Certification-Introduction To Industry 4.0 And Industrial Internet Of Things	January-April 2024	12 Weeks	SWAYAM NPTEL	-	2
19	Online Certification-NBA Accreditation and Teaching and learning in Engineering (NATE)	January-April 2024	12 Weeks	SWAYAM NPTEL	-	13
20	Advanced CPP	18 th January -31 st May 2024	10	IIT Spoken Tutorial	291	5
21	ANDROID APP USING KOTLIN	18 th January -31 st May 2024	10	IIT Spoken Tutorial	173	3
22	Python	18 th January -31 st May 2024	5	IIT Spoken Tutorial	60	1
23	BLENDER	18 th January -31 st May 2024	15	IIT Spoken Tutorial	109	3

24	C and CPP	18 th January -31 st May 2024	20	IIT Spoken Tutorial	137	2
25	LINUX	18 th January -31 st May 2024	17	IIT Spoken Tutorial	284	5
26	Python 3.4.3	18 th January -31 st May 2024	39	IIT Spoken Tutorial	33	1
27	RDBMS & PostgreSQL	18 th January -31 st May 2024	9	IIT Spoken Tutorial	324	6

3. Training Programmes Offered

S. No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	Two day faculty orientation programme	23.05.2024 to 24.05.2024	9.30 a.m – 3.30 p.m	Department of CSE BSACIST	-	23	-

4. Interdisciplinary Programmes Conducted

S.No	Name of Programme	Other departments involved	No. of Participants		Outcome of the Programme
			Students	Faculty	
1.	Deployment of Dynamic Web Application on AWS Cloud	Yes (CSE & EEE)	33 (CSE Dept:27 Other Dept:6)	-	The students were able to get a good knowledge on AWS cloud and the component in the cloud. At the end of the workshop, the participants were able to use the cloud components effectively.
2.	Technical Seminar on "Artificial Intelligence"	Yes (CSE & ECE)	-	50 (CSE Dept:43 Other Dept:7)	The session provided knowledge on AI, role of AI, the impact of AI worldwide. The recent innovations and technological enhancements in the field of AI was thrown light.
3.	Recent Trends in Quantum Computing	Yes	-	43 (CSE Dept:28 Other Dept:15)	The program concluded with participants gaining a deeper understanding of the foundational concepts of quantum computing and its potential to revolutionize various industries. Participants left equipped with the knowledge and resources to integrate quantum computing principles into their academic curriculum and research initiatives.

5. Details of Minor Degree Programmes offered

S.No.	Name of Programme	Details of Students		
		Department	Name of student	RRN
1	Artificial Intelligence and	EIE	Mohammed Thafrez	210061601016

	Machine Learning - Batch-I	EIE	Praveen Kumar.K	210061601017
		EIE	V.K.Varshini	210061601029
2	Artificial Intelligence and Machine Learning - Batch-II	EEE	Sarvesh S	220041601057
		EEE	Varshini M	220041601070
		Polymer	Mohamed Fazil MF	220131601005
		Mechanical	N Mohammed Khalid	220021601040
		Mechanical	Cyril Cherian Stanley	220021601013

6. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No of Students			
1.	B.Tech CSE, IoT, CSE(CS) AI&DS	VII	A	174	Dr.V.Muthupriya Dr.L.Arun raj Dr.B.Dhanalakshmi Dr.B.Madinabanu Dr.Niyati Kumari Dr.I.Karthiga Mr.S.N. Mohamed Irfan	Kaynes Technology Private Limited, Mysore	5/10/2023 3 Days
Outcome of the Visit: 1. To implicate the professional skills and awareness about the IT sector. 2. To provide them the real-world perspective to the corporate world.							
2.	B.Tech CSE C section CSE(CS)	VI	A	61	Dr.C.Hema Ms.S.Subashini Mr.C.Senthil Kumar	Kerala Livestock development Ltd	3/10/2023 3 Days
Outcome of the Visit: 1.They get an opportunity to gain in-depth knowledge about the field of the computer science helping them make the correct career choice in future. 2.To Explore the industries gives them a chance to build networks and built their business communication skills.							
3.	B.Tech CSE and B.Tech AI & DS	VI	A, B	140	Dr. E Syed Mohammed Dr. S.Syed Abdul Syed Mrs. C. Vijayalakshmi Mr.P. Gopinath Mrs.R. Ranjani Mr.P.Nehru Mrs Soundariya	22/9/2023 3 Days
4.	B.Tech(CSE) and AI&DS	VI	A	247	Dr.R.Akila Dr.Brindamerin Ms.S.Subashini Dr.P.Sharon Priya Mrs.C.Vijayalakshmi Mr.V.Balaji Mrs.A.Snegaa Mrs.A.Radhika Mrs.Amsavalli Dr.I.Karthiga Mr.S.N.Mohamed Irfan Mr.Nehru Mrs.S.M.Shifana Rayesha	Askan Technologies Pvt Ltd. Kottakuppam	24/04/24 1 Day

Outcome of the Visit: To collaborate with the team of professional members to acquire their skillsets and to observe the team work .							
5.	B.Tech(CSE) IoT and CS	IV	A,B,C	101	Mrs.P.Valarmathi Mrs.T.Valliammai Mr.Nehru	B2L Solutions Pondicherry	25.04.24 1 Day
Outcome of the Visit: To impart the industrial exposure to the students and also to implicate the team spirits within them.							

7. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Cyber Security and Ethical Hacking	Workshop	26-7-2023 & 27-7-2023	CTO and founder of Ditto Security	4	43	-	-
Details of Keynote Speakers: (i) Mr. Ajinkya Lohakare (CTO and founder of Ditto Security) an Ethical hacker addressed the concept of Ethical hacking and provided hands-on training with tools to perform VAPT								
2.	Online FDP on Python 3.4.3, Moodle Learning Management system, SCILAB	FDP	31-7-2023 to 4-8-2023	IIT Bombay (Spoken Tutorial) Program	62	-	-	-
Details of Keynote Speakers: (i) Kannan M Moudgalya, IIT Bombay (Spoken Tutorial) Program . Delivered speech on Python programming language that lets you work more quickly and integrate your systems more effectively. Mathematical and scientific calculation software, open source substitute for MATLAB, very useful for all science and engineering students.								
3	Technical IoT seminar entitled "Connected Horizons"	Seminar	9-8-2023	BSACIST	2	120	-	-
Details of Keynote Speakers: (i) V. Tejo Vamsi, Final year Student of IoT addressed on introductions and Evolution of IoT (ii) Fateen khan , Final year student of IoT , discussed about different types of Controllers and Sensors used in IoT								
4	Beta Editor Workshop	Workshop	24-8-2023	BSACIST	4	24	-	-
Details of Keynote Speakers: (i) Sarathi Ganesh. M from B.Tech CSE(IoT) addressed basics of "Adobe photoshop" and how photoshop can be ultimately used for commercial purpose. (ii) Shaik Mohamed Wasim Jaffar from b.Tech CSE(IoT) addressed basics of " Adobe After Effect"								
5	Technical Seminar on " Artificial Intelligence"	Seminar	4-9-2023	Monash University, Malaysia	50	120	-	-
Details of Keynote Speakers: i. Dr.S. Parasuraman , Professor, School of Engineering , Monash University, Malaysia addressed about the impact created by AI worldwide.								
6	IOT Workshop by Bevywise	Workshop	14-9-2023 & 15-9-	Bevywise Networks LLP	-	28	-	-

			2023					
Details of Keynote Speakers: (i) Mr. Ranjith Kumar, Founder & CEO of Bevywise Networks LLP, addressed on basic overview of IoT, its components, and protocols used in IoT. (ii) IoT MQTT (Message Queuing Telemetry Transport) protocol addressed by Ms.Hema.								
7	Digital Transformation and Future of AI	Seminar	27-9-2023	GE vernova	-	200	-	-
Details of Keynote Speakers: (i) Mr. Sakthi Kumar Manohar, manager, GE vernova, delivered a speech on the AI in digital transformation.								
8	2-week Faculty Development Program on Recent Trends in Quantum Computing	FDP	16-10-2023 to 31-10-2023	(i)HZDR Germany (ii) Price waterhouse cooper. (iii) BD Quantum Qiskit Advocate Mentor (iv), IIT(BHU), India (v) Russian Academy of Natural Science (vi) EinNel Technology (vii) SRMIST (viii)IIT Bangalore. (ix) CIT, India	40+	-	30+	-
Details of Keynote Speakers : (i) Dr.Debanjen Konar, Center for Advanced Systems Understanding, HZDR Germany (ii) Dr. Arish Pitchai, Senior Associate, Price waterhouse cooper. (iii) Dr. Jayakumar Vaithiyashankar, BD Quantum Qiskit Advocate Mentor (iv) Dr. Sunil Kumar Mishra, IIT(BHU), India (v) Dr. Sidhartha Bhattacharya, Member of Russian Academy of Natural Science (vi) Mr. Albert Einstein, COE, EinNel Technology (vii) Dr. Pushpalatha.M, HOD/CTech, SRMIST (viii) Dr. Ishu Gupta, Scientist, IIT Bangalore. (ix) Dr. Manjula Gandhi.S, CIT, India								
9	CSE Code Club- DevXperience	Coding Contest	4-11-2023	BSACIST	-	200	-	-
Details of Keynote Speakers : (i) Dr. Syed Abdul Syed, DCOE, BSACIST (ii) Dr. E. Syed Mohamed, Professor, BSACIST, Delivered a Speech on the importance of Coding								
10	Orientation of Code Tantra Platform and Importance of Coding	Activity Event	9-2-2024	Code Tantra	8	500+	-	-
Details of Keynote Speakers : (i) Mr. Amiteshreddy, Business Development Engineer and product Support Engineer, Code Tantra, shared his idea about the importance of coding and problem solving techniques								
11	Cyber Security and Ethical Hacking workshop.	Workshop	12-2-2024 and 13-2-2024	Measi Institute of Information Technology	4	56	-	-
Details of Keynote Speakers : (i) Workshop conducted by Mr. Ajinkya L, ethical hacker, tedx speaker, josh talk speaker and podcaster International level Expertise in the field of Cyber Security. (ii) Mr. Afzal Bijli FHM, Measi Institute of Information Technology, Speaker addressed about basics of cyber security and uses of ethical hacking.								
12	Cancer Awareness Session Report	Seminar	16-2-2024	Government Villupuram Medical College	20+	100+	-	-
Details of Keynote Speakers : Dr. Abbimathi MBBS graduates from Government Villupuram Medical College, pursuing PG residency in Radiation oncology								

delivered a speech on Causes of cancer for women.								
13	International Level Student Workshop on Data Science using Python	Workshop	19-2-2023 to 23-2-2023	AICTE	5+	50+	-	-
Details of Keynote Speakers : Dr.Buddha Chandrasekhar, Chief Coordinating Officer, AICTE, Delivered speech on Enhanced readiness for careers in data science and analytics through practical experience and knowledge.								
14	Deployment of dynamic web application on AWS cloud workshop	Workshop	29-2-2023	MEASI Institute of Information Technology	4	30+	-	-
Details of Keynote Speakers : Mr. Afzal Bijli FHM, MEASI Institute of Information Technology delivered Speech on AWS services and architecture.								
15	Python in Data Science	Seminar	8-3-2024	BSACIST	10	50	-	48
Details of Keynote Speakers : Mr. Yokesh, M.Tech was a workshop resource person, who offered comprehensive guidance to the students on mastering python in Data Science, covering various concepts and models.								
16	Mobile App and Development	Workshop	14-3-2024 to 16-3-2024	Presidency University	3	48	-	-
Details of Keynote Speakers : Dr. Blessed prince, Professor & Head, Computer Science department, presidency University, addressed about mobile app development.								
17	Technology 360 degree	Seminar	15-3-2024	BSACIST	4	95	-	-
Details of Keynote Speakers : Mr.Rajesh Kanna, Senior Technical Lead, EPAM Systems, Delivered speech on Enhanced readiness for careers in AI, big data, and cloud computing through hands-on experience and practical knowledge.								
18	React.JS Workshop	Workshop	20-3-2024	BSACIST	5	62	-	-
Details of Keynote Speakers : Ahamed Ajas, Student/ Illrd Year CSE served as the resource person for the workshop. He explained the core concept of React.js, emphasizing its role in building dynamic web application								
19	Career Opportunities in Cyber Security	Seminar	22-3-2024	Strong Box IT Pvt. Ltd(India & USA)	6	500	-	-
Details of Keynote Speakers : (i) Mr. Joseph Martin, Founder and CEO of Strong Box IT Pvt. Ltd(India & USA). He highlighted various industry-recognized certification and training programs available to aspiring cybersecurity professionals.								
20	Tools and Technologies for AI, Big Data & Cloud AWS	Workshop	22-3-2024	EPAM Systems	6	77	-	-
Details of Keynote Speakers : Mr.Rajesh Kanna, Senior Technical Lead, EPAM Systems, Delivered speech on Enhanced readiness for careers in AI, big data, and cloud computing through hands-on experience and practical knowledge.								
21	Introduction to Computer Vision Workshop.	Workshop	28-3-2024	EinNel Technology	3	60+	-	-
Details of Keynote Speakers : Mr.Albert Einstein, COE, EinNelTechnology,Delivered speech on React JS core concepts such as components, JSX, and props								
22	Gaming Project Expo	Workshop	6-4-2024	BSACIST	2	20	-	-
Details of Keynote Speakers : Dr. Aisha Banu W. Professor & HOD, Dept of CSE, BSACIST.								
23	Webinar on "8086: The Art of Binary Ballet"	Webinar	1-5-2024	Abhinava Ramnath	3	50+	-	-

				Project Associate, University Of Illinois, Chicago.				
Details of Keynote Speakers : Abhinava Ramnath, Project Associate, University of Illinois, Chicago								
24	Blender it! Render it! Workshop	Workshop	2-5-2024	BSACIST	5	15	-	-
Details of Keynote Speakers : (i) Mr. M. Sarathi Ganesh from B. Tech CSE (IoT) 3 rd year student, delved into the basics of Blender Tool, showcasing its commercial potential (ii) Mr.Wasim Shaikh from B. Tech CSE (IoT) 3 rd year discussed the initial steps of creating a plane landscape.								
25	IoT Project EXPO 2024	Workshop	3-5-2024	Bevywise Networks	4	18 team	-	-
Details of Keynote Speakers : Projects were reviewed by external committee member Mr.Ranjith Kumar, MD/ Bevywise Networks, Thirunelveli, and also by internal committee member Dr.W.Aisha Banu, HoD/CSE , Dr. Sharmila Sankar, Dean/SCIMS.								
26	FDP on Generative AI & AWS Cloud	FDP	28-6-2024 to 3-7-2024	Imarticus Learning and Webx 360 Technology Solution	40	-	-	-
Details of Keynote Speakers : (i) Mr.Harish Kumar, Lead Data Scientists, IRIS Software group, discussed about various chat gpt tools , its uses and importance. (ii) Mr . Afzal Bijli FHM , Professor, Measi Institute of Information Technology addressed about deployment of Dynamic Web application on AWS								

8. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1.	Extra Curricular Meet' 24	30,000/-	B.S. Abdur Rahman Crescent Institute of Science & Technology
2.	ARCANE' 23	60,000/-	B.S. Abdur Rahman Crescent Institute of Science & Technology
3.	FDP on Quantum Computing	40,000/-	B.S. Abdur Rahman Crescent Institute of Science & Technology
Total		1,30,000/-	

9. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1	Dr.S.Revathi	Introduction to Industry 4.0 and Industrial Internet of Things	FDP	July-October 2023	NPTEL
2	Dr.S.Revathi	NEP-2020 Orientation & Sensitization	FDP	20-5-24 to 30-5-2024	UGC-Malaviya Mission Teacher Training Centre

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
					(MMTTC)
3	Dr.S.Revathi	Recent Advances and Future Trends in AI and NLP	FDP	15-04-2024 to 19-04-2024	Global Institute of Science and Technology
4	Dr.Syed Mohamed	"Artificial Intelligence and Data Analytics"	FDP	18-3-24 to 23-3-24	Guru Jambheshwar University, Hisar, Haryana
5	Dr.Syed Mohamed	"NEP- 2020 Orientation and Sensitization under Malaviya Mission Teacher Training Programme	FDP	18-3-24 to 23-3-24	Malaviya Mission Teacher Training Centre, University of Hyderabad (MMTTC-UoH)
6	Dr.Syed Mohamed	"Promoting Entrepreneurship and Innovation in Higher Education Institution	FDP	22-2-24 to 23-2-24	Conducted by Entrepreneurship and Career Hub, University of Madras, Guidy campus, Chennai
7	Dr. N.Sabiyath Fatima	Recent Trends in Computing 4.0	FDP	8-13/7/24	vishwakarma institute of technology
8	Dr. N.Sabiyath Fatima	Research Tools	FDP	03.07.2023 to 14.07.2023	Easwari Engineering college
9	Dr. N.Sabiyath Fatima	One week National Level Professional Development Program	FDP	18th to 23rd March 2024.	Vardhaman College of Engineering, Hyderabad in collaboration with IEEE Hyderabad Section
10	X Arputha Rathina	Cybersecurity and Machine Learning	FDP	22.7.2024 - 26.7.2024	LNMIIT jaipur with center for cryptology
11	S.P.Valli	Cybersecurity and Privacy	FDP	July-Oct 2023	NPTEL
12	S.P.Valli	Python 3.4.3	FDP	31-07-2023 to 04-08-2023	IIT Spoken Tutorial
13	S.P.Valli	Faculties in Universities/Colleges/Institutes of Higher Education	Faculty Induction/ Orientation Programme	23.05.2024 to 21.06.2024	Teaching Learning Centre, Ramanujan College, University of Delhi
14	Dr.V.Muthupriya	"Block chain"	FDP	Jan- April 2024	NPTEL
15	Dr.V.Muthupriya	Introduction to Industry 4.0 and Industrial Internet of Things	FDP	Jul-Oct 2023	NPTEL
16	Dr.V.Muthupriya	Building Advanced Data Analytics Applications using Cloud	FDP	18/12/2023-22/12/2023	NextGen Employability Program
17	Dr.V.Muthupriya	NEP-2020 Orientation & Sensitization	FDP	18/3/2024 - 23/3/2024	Malaviya Mission Teacher, Trainin

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
					g Centre, University of Hyderabad (MMTTC-UoH)
18	Dr. L. Arun Raj	NEP-2020 Orientation & Sensitization Programme	FDP	Mar 19th to 28th, 2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
19	Dr. L. Arun Raj	Strategies for Publishing in High Impact Factor Journals	Workshop	April 17th, 2024	BSACIST
20	Dr. L. Arun Raj	IEEE Computer Society Day	Workshop	March 15th, 2024	INFOSYS & IEEE CS
21	Dr. L. Arun Raj	Latest Trends & Techniques in Software Engineering: An Industry Perspective	FDP	Jan 20th - 27th, 2024	Chirst University, Bangalore
22	Dr. L. Arun Raj	Impact of the Recent Approach on the Evolution of Machine Learning and Deep Learning	FDP	Feb 2nd - 5th, 2024	BIHER, Chennai
23	Dr. L. Arun Raj	Recent Trends & Applications in Data Science	FDP	Feb 26th- Mar 1st, 2024	Nivetha University
24	Dr.Syed Abdul Syed	Genration psychology & teacher well being	FDP	-	-
25	Dr.C.Hema	NEP- 2020 Orientation and Sensitization under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	18.03.2024 to 26.03.2024.	Malaviya Mission Teacher Training Centre, University of Hyderabad
26	Dr.D.Madhina Banu	Big Data Computing	FDP	AUG-Oct 2023	NPTEL
27	Dr.D.Madhina Banu	SCILAB and Python 3.4.3	FDP	31.07.23 to 04.08.23	IIT Spoken Tutorial
28	Dr.R.Akila	FDP Impact of the Recent Approach on Evolution of Machine Learning and Deep Learning, Bharath Institute of higher Education and Research, Chennai	FDP	29.02.2024-05.03.2024	Bharath Institute of higher Education and Research, Chennai
29	Dr.R.Akila	Research Structuring & Publication Process	FDP	23 - 27 July 2024	National Foundation for Entrepreneurship Development (NFED)
30	Dr.Mohammed Thaha	Multi disciplinary Research and Emerging Technologies for Sustainable Development	Conference	16.4.2024	Arunachala college of Engineering For women
31	B.Dhanalakshmi	NEP- 2020 Orientation and Sensitization	FDP	18.03.2024 to 26.03.2024.	Malaviya Mission Teacher Training Centre, University of Hyderabad
32	B.Dhanalakshmi	Faculties in Universities/Colleges/Insti	Faculty Induction/	23.04.2024 to 22.05.2024	Teaching Learning Centre,

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
		utes of Higher Education	Orientation Programme		Ramanujan College, University of Delhi
33	B.Dhanalakshmi	Introduction to Industry 4.0 and Industrial Internet of Things	FDP	July-October 2023	NPTEL-AICTE
34	C Vijayalakshmi	NEP- 2020 Orientation and Sensitization	FDP	5-7-24 to 13-7-2024	Malaviya Mission Teacher Training Centre, University of Hyderabad
35	C Vijayalakshmi	NBA Accreditation and Teaching-Learning in Engineering	FDP	Aug-Oct 2023	NPTEL
36	C Vijayalakshmi	International Student Workshop 2024 on Data Science using Python by Brainovision	Workshop	Feb 19th - Feb 24rd, 2024	B. S. Abdur Rahman Crescent Institute Of Science And Technology
37	C Vijayalakshmi	Faculties in Universities/Colleges/Institutes of Higher Education	Faculty Induction/ Orientation Programme	23.05.2024 to 21.06.2024	Teaching Learning Centre, Ramanujan College, University of Delhi
38	Dr.J.Brindha Merin	Impact of the Recent Approach on Evolution of Machine Learning and Deep Learning	FDP	29.02.2024-05.03.2024	Bharath Institute of higher Education and Research, Chennai
39	Subhashini.S	Recent Advances and future trends in AI and NLP	FDP	15.04.2024 to 19.04.2024	Global institute of Science and Technology, West Bengal
40	Subhashini.S	Generative AI	Workshop	5.03.2024	Center for Research Anna University, Chennai
41	Subhashini.S	NEP-2020 Orientation & Sensitization	FDP	20-5-24 to 30-5-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
42	Subhashini.S	International Online workshop on Research Methodology	Workshop	06-01-2024 to 8-01-2024	Global Institute of Statistical Solutions
43	Subhashini.S	Outcome Based Education	Workshop	09-01-2024	BSACIST
44	Subhashini.S	Asymptotic Analysis of Algorithms	Workshop	19.10.2023 to 29.10.2023	NIT, Warrangal
45	Subhashini.S	AR & VR for Teaching and Learning Vision	FDP	13.10.2023 to 17.10.2023	VIT, Chennai
46	Subhashini.S	Design thinking and innovation (Online course) - Gujarat Technological University	Online course	10.02.2024 to 13.04.2024	Gujarat Technological University
47	Mrs.A.Radhika	FDP Impact of the Recent Approach on Evolution of	FDP	29.02.2024-05.03.2024	Bharath Institute of higher

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
		Machine Learning and Deep Learning, Bharath Institute of higher Education and Research, Chennai			Education and Research, Chennai
48	Mr.V.Balaji	Computer Communication & Network Protocols	FDP	06.01.2024-15.04.2024	NPTEL-AICTE
49	Mr.V.Balaji	NEP-2020 Orientation & Sensitization	Faculty Induction/ Orientation Programme	5-7-24 to 13-7-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
50	Niyati Kumari Behera	Recent Technologies and Tools in Computing Domain	FDP	12-06-2024 to 18-06-2024.	Jerusalem College of Engineering
51	Niyati Kumari Behera	NEP-2020 Orientation & Sensitization	FDP	5-7-24 to 12-7-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
52	Niyati Kumari Behera	Cyber Security and SIEM-Powered by QRadar	FDP	22/04/2024 to 26/04/2024	Sri Venkateswara College of Engineering
53	Niyati Kumari Behera	Big Data Computing, NPTEL	FDP	June-December 2023	NPTEL
54	Niyati Kumari Behera	Mastering AI Tools:A Deep Dive into ChatGPT and Beyond	Workshop	29.03.24-31.03.24	
55	Dr. A. Alif Siddiqua Begum	Generative AI & AWS Cloud	FDP	28/6/2024 - 3/7/2024	IMarticus Learning/CSE BSACIST
56	Dr I Karthiga	"Block chain"	FDP	January – April 2024	NPTEL
57	Dr I Karthiga	FDP	FDP	23.05.2024	-
58	S.R.Senthilkumar	NEP-2020 Orientation & Sensitization	FDP	20-5-24 to 30-5-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
59	S.R.Senthilkumar	Intellectual Property Rights in the age of AI, ML, Cyber Security and Blockchain	FDP	24.06.2024 - 28.06.2024	Mangalmay Institute of Management & Technology, Noida
60	T.Valliammai	Deep Learning	FDP	06.01.2024-15.04.2024	NPTEL
61	T.Valliammai	Effective utilization of Research Metrics,Tools and Techniques,Research Intelligence and Scholarly communication	Workshop	26-08-2023	S.R.M Ramapuram
62	T.Valliammai	Empowering Educators-Navigating Recent Trends	FDP	25-09-2023 to 30-09-2023	Sathyabama University
63	T.Valliammai	Writing and Publication Guidance for Scopus journals	Workshop	01-6-24 to 03-06-24	Research Education solutions
64	T.Valliammai	Python 3.4.3	FDP	31-07-2023 to 04-08-2023	IIT Spoken Tutorial

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
65	S.M Shifana Rayesha	Computer Networks and Internet Protocol	FDP	January – April, 2024	IIT,Kharakpur
66	A.Snegaa	Computer Networks and Internet Protocol	FDP	-	NPTEL
67	A.Snegaa	Computer Networks and Internet Protocol	FDP	12 week ,2024	NPTEL
68	A.Snegaa	NEP-2020 Orientation & Sensitization	FDP	20-5-24 to 30-5-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
69	M.Latha	Research Writing, Funding Proposal Development, and Patent Drafting	STTP	July 8 – July 20 ,2024	Vidya Vihar Institute of Technology,Bihar
70	M.Latha	NEP-2020 Orientation & Sensitization	FDP	5-7-2024 to 13-7-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
71	M.Latha	Data Science using Python	Workshop	19.02.24 to 23.02.24	BSARICST
72	M.Latha	Millennium Generation Psychology & Teacher's Well-Being	FDP	19.02.2024-24.02.2024	Institute for Counselling, Psychotherapy and Research.Anugraha.
73	M.Latha	"Edge Computing", NPTEL	FDP	January - March 2024	NPTEL
74	P.Valarmathi	Research Papers, IPR, and Project Proposal Writing	STTP	8-7-2024 to 20-7-2024	vidya vihar institute of technology,Bihar
75	P.Valarmathi	Computer Communication & Network Protocols	FDP	06.01.2024-15.04.2024	NPTEL-AICTE
76	P.Valarmathi	NEP-2020 Orientation & Sensitization	Faculty Induction/ Orientation Programme	5-7-2024 to 13-7-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
77	P.Valarmathi	Computer Networks And Internet Protocol	FDP	12 week ,2024	NPTEL
78	P.Valarmathi	Machine Learning	FDP	01.02.24 to 14.02.24.	Anna University
79	Nehru P	Technical Writing using LaTeX	International Workshop	30th March - 5th April 2024	VIT - AP University
80	Nehru P	Python	FDP	19.03.2024 – 25.03.2024	Star International Foundation for Research and Education
82	Nehru P	Intellectual Property Rights in the age of AI, ML, Cyber Security and Blockchain	FDP	24-06-2023-28-06-2023	Mangalmay Institute of Management & Technology, Noida
83	Nehru P	Cloud Infrastructure(AWS)	FDP	21-08.2023 -25-08.2023	Nehru Institute of Engineering and Technology,

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
					Kerala
84	Nehru P	Quantum Computing	FDP	27.05.2024 - 1.06.2024	Sri Sairam Engineering College, Chennai
85	Nehru P	Mobile App Development	Workshop	14.03.2024 - 16.03.2024	B. S. Abdur Rahman Crescent Institute Of Science & Technology
86	Nehru P	IoT Workshp	Workshop	14.08.2023- 15.08.2023	B. S. Abdur Rahman Crescent Institute Of Science & Technology
87	Nehru P	Intelligent Systems and Applications in Engineering	Conference	21.04.2024	Hanyang University, South Korea
88	S.Hemalatha	Selenium Tools Testing	Webminar	2.12.2023	IT Dept/BSACIST
89	S.Hemalatha	Artificial Intelligence and its applications	FDP	3.7.2023 - 8.7.2023	Chalapathi Institute of Technology, Guntur
90	M.M.Noor Fasla	ChatGPT & AI Hacks with MS Office	Workshop	4.04.2024	Skill Nation
91	Khathijath Fariha S	Cloud Infrastructure(AWS Cloud)	FDP	21.8.2023- 25.8.2023	Department of CINTEL, SRMIST, KTR
92	Khathijath Fariha S	Selenium Tools & Testing	Webinar	2.12.2023	IT/BSACIST
93	Khathijath Fariha S	Data Science using Python	workshop	19.2.24-23.2.24	BSACIST
94	H.Kamarunnisha	Cloud Infrastructure (AWS).	FDP	21.08.2023 - 25.08.2023	VIT , Chennai in collaboration with Brainovision Solutions India Pvt Ltd and AICTE
95	H.Kamarunnisha	Effect of generative AI in modern research and industry	FDP	29.04.2024 - 03.05.2024	Sister Nivedita University, Kolkata, India
96	H.Kamarunnisha	Data Science and Machine Learning	Workshop	03.06.24 to 07.06.24	VIT, Chennai.
97	H.Kamarunnisha	Research Papers, IPR, and Project Proposal Writing	FDP	06.05.24 to 11.05.24	ABES Engineering College
98	H.Kamarunnisha	NEP-2020 ORIENTATION & SENSITIZATION	FDP	5-7-24 to 13-7-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
99	H.Kamarunnisha	AI Evolution: From Foundations to Generative AI	FDP	13.05.24 to 17.05.24	Government College of Engineering, Tirunelveli
100	H.Kamarunnisha	Generative AI & AWS	FDP	1.7.24-7.7.24	IMarticus

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
		Cloud			Learning/CSE BSARCIST
101	C.Jeeva	Cloud Computing	FDP	06.01.2024-15.04.2024	NPTEL-AICTE
102	R.Sivasankari	Cybersecurity and Privacy	FDP	July-October 2023	NPTEL
103	R.Sivasankari	Computer, Communication and Control (ICL-2024)	International Conference	02.02.24 to 08.02.24	MEDI-CAPS UNIVERSITY
104	R.Sivasankari	Precision Health Technology	FDP	05.02.24 to 10.02.24	ATAL Academy
105	R.Sivasankari	Data Science using Python	Workshop	19.02.24 to 23.02.24	BSARCIST
106	R.Sivasankari	Python	FDP	19.03.24 to 25.03.24	Star International Foundation for Research and Education
107	R.Sivasankari	Research Papers, IPR, and Project Proposal Writing	FDP	06.05.24 to 11.05.24	ABES Engineering College
108	R.Sivasankari	Recent Trends in Cyber Security	FDP	27.05.24 to 31.05.24	Dept of Cybersecurity/SRM Valliammai Engineering College
109	R.Sivasankari	Cross Platform Mobile App Development (with Thunkable and Flutter)	STTP	03.06.24 to 07.06.24	Amity Innovation Design and Research Centre
110	R.Sivasankari	Deep Learning and IoT Driven Smart Applications	FDP	24.06.24 to 29.06.24	MLRIT
111	A.Saraswathi	Cyber Security and it's Applications	FDP	07.08.2023 to 11.08.2023	Infosys
112	H.Faheem Nikhat	NEP-2020 Orientation & Sensitization	FDP	5-07-2024 to 13-07-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
113	H.Faheem Nikhat	"Explainable AI in Healthcare"	FDP	1-7-24 to 5-7-24	JIS College of Engineering, Kalyani
114	Delhirani.S	Quantum Computing	FDP	27.5.2024 to 01.06.2024	Srisairam Engineering college
115	Delhirani.S	Python	FDP	19.03.24 to 25.03.24	Star International Foundation for Research and Education
116	C. Preethi	Quantum Computing	FDP	27.5.2024 to 01.06.2024	Faculty Development Program on Quantum Computing
117	C. Preethi	Exploring Wearable Tech and AI Innovations for personalized Healthcare	FDP	3.6.2024 to 7.6.2024	Rajalakshmi Engineering College

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
118	C. Preethi	Python	FDP	19.03.24 to 25.03.24	Star International Foundation for Research and Education
119	C. Preethi	oneday online Faculty Development Program On AI Tools For Teaching	FDP	22.6.2024	Star International Foundation for Research and Education
120	C. Preethi	Machine Learning	FDP	24.6.2024 to 28.6.2024	St .Joseph College of Engineering,Srip erumbathur
121	C. Preethi	Digital and AI Tools in Education	workshop	26.5.2024	Dynamicmindsgr oup
122	B.Nithya	Virtual Labs	FDP	15-11-2023 to 17-11.2023	PALS VLAB, NITK Surathkal.
123	B.Nithya	Recent Advancements in Artificial Intelligence.	FDP	08-01.2014 to 12-01-2014	Jerusalem college of Engineering.
124	B.Nithya	AI tools for Teaching	FDP	22.06.2024 to 22.06.2024	Star International Foundation for Research and Education
125	Usha. M. S	NEP-2020 Orientation & Sensitization	FDP	20-5-24 to 30-5-2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC)
126	Usha. M. S	Deep Learning and IOT Driven Smart Applications	FDP	24.06.2024 to 29.06.2024	MLRIT
127	Usha. M. S	Python	FDP	19.03.2024 to 23.03.2024	Star International Foundation for Research and Education
128	K.Sowmiya	Deep Learning and IOT Driven Smart Applications	FDP	24.06.2024 to 29.06.2024	MLRIT
129	K.Sowmiya	AI Tools for Teaching	FDP	22.6.2024	Star International Foundation for Research and Education
130	K.Sowmiya	Python	FDP	19.03.2024 to 23.03.2024	Star International Foundation for Research and Education
131	Joy Kiruba	Quantum Computing	FDP	27.5.2024 to 01.06.2024	Srisairam Engineering college
132	Joy Kiruba	Python	FDP	19.03.24 to 25.03.24	Star International Foundation for Research and Education
133	M.Vetripriya	Python	FDP	19.03.24 to	Star

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
				25.03.24	International Foundation for Research and Education
134	M.Vetripriya	Introduction to Industry 4.0 and Industrial Internet of Things	FDP	January – April, 2024	NPTEL
135	M.Vetripriya	Research Papers, IPR, and Project Proposal Writing	FDP	06.05.24 to 11.05.24	ABES Engineering College
136	M.Vetripriya	Future Transformation :Leveraging GEN - AI	FDP	20.05.24 to 25.05.24	Panimalar Engineering College
137	Dr.S.Revathi, Dr.S.P.Valli ,Dr.L. Arun Raj, Dr.Sharon Priya, Dr.C.Hema, Dr.Madina Banu,Dr.Akila, Dr.Dhanalakshmi, Mrs.C.Vijayalakshmi, Dr.Brindha Merin, Mrs.R.Radhika, Mr.S.R.Senthil Kumar,Mrs.Sivasankari , Mr.Nehru,D.Bala Gayathri	NBA Accreditation and Teaching and learning in Engineering (NATE) , NPTEL	FDP	January – April, 2024	NPTEL
138	Dr.S.Revathi, Dr.S.P.Valli , Dr.C.Hema, Dr.Madina Banu,Dr.Akila, Mrs.C.Vijayalakshmi, Dr.Brindha Merin, Subhashini.S, Mr.V.Balaji, Dr.A.Alif Siddiqua Begum,Mr. S.R. Senthil Kumar, Mrs.T.Valliammai,Mrs. A.Snega,Mrs.Valarmathi,Mrs.Sondariya, Mr.Nehru,Mrs. Hemalatha, Mrs. Noor Fasla,Khathijath Fariha,D.Bala Gayathri, Mrs. Kammarunnisha, Mrs.C.Jeeva, Mrs.Sivasankari, Mr. Mohammed Irfan, Mrs. A.Vetripriya	Recent Trends in Quantum Computing	FDP	16.10.24 to 31.10.24	CSE Dept /BSARCIST

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
139	Dr.Syed Mohammed, Dr. ArputhaRathna, Dr.Valli, Dr.V.MuthuPriya, Dr. Syed Abdul Syed, Mrs.Vijayalakshmi,Mrs. Soundariya, Mrs. Noor Fasla, Mrs.Khathijath Fariha, Mrs.Balagayathri, Mrs.Kammarunnisha,	Generative AI & AWS Cloud	FDP	28.06.2024 – 3.07.2024	Imarticus Learning & webxo360 technology solutions /CSE BSARCIST
140	Mrs.Faheem Nikhat, Mrs.C.Preethi	Generative AI	FDP	28-6-24 to 29-6- 24	B. S. Abdur Rahman Crescent Institute of Science And Technology

10. Papers Published/ Presented in Journals &Conferences (Total Numbers Only) (July 2023-June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	11	14	-	-	33	4	62

11. Details (list)of Publication in National & International Journals &Conferences: (IEEE Format)

International Journal&National Journal

- SCI/Scopus Indexed Journal
- Other journals

JOURNAL PUBLICATIONS

a. Journals with SCOPUS /SCI

- S. Prathiba, Sharmila Sankar “Energy-efficient resource allocation in cloud infrastructure using L3F-MGA and E-ANFIS”, Measurement: Sensors, vol. 31, no. 100965, 2024.
- Arogiya Victor Paul M, Sharmila Shankar “CCZO Residual GhostNet: Parkinson Disease Classification using Optimized Deep Learning Technique”, Electrical and Computer Engineering Systems, vol.15, no.3 , pp.275-283, 2024.
- Arogiya Victor Paul M, Sharmila Shankar “Data-driven Gait based Severity Classification for Parkinson's Disease using Duo Spatiotemporal Convoluted Kernel Boosted ResNet model”, International Journal of Electrical and Computer Engineering Systems, vol. 15, no. 4, pp. 377-386, 2024.
- Arogiya Victor Paul M, Sharmila Shankar “Deep Learning-Based Method for Detecting Parkinson using 1D Convolutional Neural Networks and Improved Jellyfish Algorithms”, International Journal of Electrical and Computer Engineering Systems, vol. 15, no. 6, pp. 515-522, 2024.
- Raman Narayani, Wahab Aisha Banu “PSO optimised workflow scheduling and VM replacement algorithm using gaming concept in cloud data centre”, International Journal of Cloud computing, vol. 12 , no. 6 , 2023.
- Mahul Brahma, M. Anline Rejula , Bhavana Srinivasan , S.N. Kumar , W. Aisha Banu , K. Malarvizhi, S. Sharon Priya ,Abhishek Kumar “Learning impact of recent ICT advances based on virtual reality IoT sensors in a metaverse environment”, Measurement: Sensors, vol. 27, no. 100754, 2023.

7. Mahul Brahma, M. Anline Rejula , Bhavana Srinivasan , S.N. Kumar , W. Aisha Banu , K. Malarvizhi, S. Sharon Priya , Abhishek Kumar "Semantic Annotation Based Effective and Quality Oriented Web Service Discovery", Journal of Internet Services and Information Security (JISIS), vol. 13 , no. 2 , pp. 96-116, 2023.
8. Akila Rathakrishnan, Revathi Sathiyarayanan "Rumor Detection on Social Media Using Deep Learning Algorithms with Fuzzy Inference System for Healthcare Analytics System Using COVID-19 Dataset", International Journal of Computational Intelligence and Applications, vol. 22 , no. 1 , 2023.
9. S. Revathi, K. M. Monica, D. Menaga "End to End Encrypted Smart Lock Using RSA based on Opinion from Social Media Review Comments", International Journal on Recent and Innovation Trends in Computing and Communication, vol. 11, no. 11, pp. 22-290, 2023.
10. E. Syed Mohamed, Tawseef Ahmad Naqishbandi, Syed Ahmad Chan Bukhari, Insha Rauf, Vilas Sawrikar, Arshad Hussain "A hybrid mental health prediction model using Support Vector Machine, Multilayer Perceptron, and Random Forest algorithms", Healthcare Analytics, vol. 3, no. 100185, 2023.
11. Tawseef Ahmad Naqishbandi, E. Syed Mohamed, Guido Veronese "Metaverse! Possible Potential Opportunities and Trends in E-Healthcare and Education", International Journal of E-Adoption, vol. 15, no. 2, pp. 1-21, 2023.
12. S. Syed Abdul Syed, C. Atheeq, A. Abdul Azeez Khan, K. JavubarSathick, E. Syed Mohamed, C. Altaf "Enhanced Chaotic Map Based Key Agreement to Mitigate Packet Dropping Attack from MANETs" , International Journal of Electronics and Communication Engineering, vol. 10 , no. 7 , pp. 23-32, 2023.
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14. Saravanan Parthasarathy, Arun Raj Lakshminarayanan, A. Abdul Azeez Khan ,K. JavubarSathick ,Vaishnavi Jayaraman "Detection of Health Insurance Fraud using Bayesian Optimized XGBoost", International Journal of Safety and Security Engineering, vol. 13 , no. 5 , pp. 853-861, 2023.
15. Vaishnavi Jayaraman, Arun Raj Lakshminarayanan "MSW-Net: A hierarchical stacking Model for automated municipal solid waste classification", Journal of the Air & Waste Management Association, vol. 74, no. 8, pp. 569-579, 2024.
16. Saravanan Parthasarathy, Arun Raj Lakshminarayanan, A. Abdul Azeez Khan, K. JavubarSathick "CSA-Forecaster: Stacked Model for Forecasting Child Sexual Abuse", Journal of Internet Services and Information Security , vol. 14 , no. 1 , pp. 219-241, 2024.
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18. Selvaprabu Jeganathan, Arun Raj Lakshminarayanan "Deep Learning- Infused Cascading Regression Approach to Predict the Academic Performance of Immigrant Students", International Journal of Intelligent Systems and Applications in Engineering, vol. 12, no. 21, pp. 430-441, 2024.
19. P. Josephine Sharmila, S. Sharon priya, K. Malarvizhi, Ramakrishna Hegde , S. Gokul Pran , B. Veerasamy "Accident detection using Automotive Smart Black-Box based Monitoring system", Measurement: Sensors, vol. 27 , pp. 100721, 2023.
20. Mahul Brahma, M. Anline Rejula , Bhavana Srinivasan , S.N. Kumar , W. Aisha Banu , K. Malarvizhi , S. Sharon Priya , Abhishek Kumar "Learning impact of recent ICT advances based on virtual reality IoT sensors in a metaverse environment", Measurement: Sensors, vol. 27 , no. 100754 , 2023.
21. Subhashini Shanmugam, Revathi Sathya Narayanan "An Accurate Estimation of Hand Gestures using Optimal Modified Convolutional Neural Network", Expert Systems with Application, vol. 249 , pp. 123351, 2024.

22. R. Girimurugan, P. Selvaraju, PrabaharJeevanandam, M. Vadivukarassi, S. Subhashini, N. Selvam, S. K. Hasane Ahammad, S. Mayakannan, Selvakumar Kuppusamy Vaithilingam "Application of Deep Learning to the prediction of solar irradiance through missing data", International Journal of photo energy, pp. 10413, 2023.
23. C. Vijayalakshmi ,S. Pakkir Mohideen ,"Survival prediction model with lion optimization for Hepatitis-B patients using supervised and unsupervised learning algorithm" ,Measurement sensors, Volume 32, 100958,April 2024.
24. Salliah Shafi Bhat, MadhinaBanu , Gufran Ahmad Ansari , Venkatesan Selvam ,""A risk assessment and prediction framework for diabetes mellitus using machine learning algorithms", Healthcare analytics, Volume 4, 100273, December 2023.
25. Salliah Shafi Bhat, Madhina Banu and Gufran Ahmad Ansari," Predictive analysis for diabetes mellitus prediction using supervised techniques", International Journal of Bioinformatics Research and Applications Vol. 20, No. 1, pp 78-96, March 14, 2024.
26. Salliah Shafi Bhat; Madhina Banu; Gufran Ahmad Ansari; Venkatesan Selvam,"Diabetes detection system using machine learning algorithms", International Journal of Electronic Healthcare, Vol:13,No:3,pp,231-246,2023.
27. Akila Rathakrishnan, J.Brindha Merin, Radhika.A, Dr.Niyati Kumari Behera," Human Activity Recognition Using Ensemble Neural Networks and The Analysis of Multi-Environment Sensor Data Within Smart Environments", Journal of Wireless Mobile Networks, Ubiquitous Computing and Dependable Applications (JoWUA), 14(3), 218-229, September 2023.
28. R.Akila,J.BrindhaMerin,Subhashini,NiyatiBehera,FebinVarghese,Jeswanth.V,"A trustable real estate transaction based on public blockchain: a smart contract-driven framework", Salud, Ciencia y Tecnología - Serie de Conferencias,Vol 3,May 2024.
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30. Sourav Sinha, Revathi Sathiya Narayanan, R.Akila," Harnessing Sentiment Analysis Methodologies for Business Intelligence Enhancement and Governance Intelligence Evaluation", International Journal of Intelligent Systems and Applications in Engineering, Vol 12,No:11,166-176,2024.
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32. J. Brindha Merin ,Dr.W. Aisha Banu, K. Fahima Sanobar Shalin, "Semantic Annotation Based Effective and Quality Oriented Web Service Discovery", Journal of Internet Services and Information Security (JISIS),Vol 13,Issue 2,96-116,May 2023.
33. Dr.Niyati Kumari Behera, Dr.B.Murugeshwari , A. Radhika , Dr.AmuthaS,"Machine Learning Approach Enhancing Rehabilitation Exoskeleton Performance for Stability Analysis and Trajectory Tracking with RBF-Neural Sliding Mode Control", Nanotechnology Perceptions, Vol 20,Issue 2,301-312,2024.

b. Other Journals

1. S.P. Valli, Sharmila Sankar, C. Hema, Mohammad Munzir "Enhancement of XG-Boost Using Custom Hyper Parameter Tuning for Bank Churning", International Research Journal on Advanced Engineering Hub (IRJAEH), vol.2 , no.7 , pp.1909-1914, 2024.
2. P. Kaladevi,N.Kanimozhi,B. Nirmala,R. Sivasankari,"Morpho-Contour Exponential Estimation Algorithm for Predicting Breast Tumor Growth from MRI Imagery", International Journal of Information Technology,45307,2024.
3. Dr.I.Karthiga,"Banking Security for Detecting and Preventing Mitigate attacks in Iaas Cloud Environment using Block chain", International Journal of Research and Analytical Reviews, Vol 11,Issue(2),306-307,2024.

4. Dr.C.Hema,"Enhancing Malware Detection in PDF Doc

uments using Ensemble Machine Learning and Deep Learning Techniques", International Journal of novel research and development, Vol 9,Issue:6,548-551,2024.

CONFERENCE PUBLICATIONS

a. Conferences with ISBN Number

1. W. Aisha Banu, " Application of Machine Learning in Customer Services and E-commerce," in International Conference on Data Management, Analytics & Innovation, Springer Nature Singapore, May. 2023, pp. 817–832. ISBN: 978-981-99-1414-2
2. N. Sabiyath Fatima, " Smart Agricultural Field Monitoring System," in International Conference on Expert Clouds and Applications, ICOECA, Springer Lecture Notes in Networks and Systems, ISBN 978–981–99–1745–7–48, Jul. 2023, pp. 655–668. ISBN: 978-981-99-1745-7
3. N. Sabiyath Fatima, " Performance Analysis of a Handwritten Digit Recognition Using CNN-WOA," in 5th International Conference on Inventive Research in Computing Applications (ICIRCA), IEEE Xplore, Coimbatore, India, Aug. 2023 ISBN: 979-8-3503-2142-5
4. Sabiyath Fatima, " Tweet Based Sentiment Analysis for Stock Price Prediction," in International Conference on Information and Communication Technology for Intelligent Systems, ICTIS, Springer Lecture Notes in Networks and Systems, ISBN 978-981-99-3758-5, Sep. 2023, pp. 249–259. ISBN: 978-981-99-3758-5
5. N. Sabiyath Fatima, "Recognition and Monitoring of Brain Tumor Detection through Deep Learning with Image Processing Techniques," in IEEE, AICTC, India, Apr. 2024. ISBN: 979-8-3503-5929-9
6. S.Revathi,V Muthupriya, and R.Akila, " Hate Speech Detection Using Deep Learning Algorithms," in 23rd International Conference on Intelligent Systems Design and Applications (ISDA'23), Washington, USA, Jul. 2024, pp. 31–39. ISBN: 978-3-031-64776-5
7. L. Arun Raj, " A comprehensive Investigation on Real-time Object Detection in Deep Learning," in Fifth International Conference on ICAECC, 2023, IEEE Xplore, Bangalore, India, Sep. 2023. ISBN: 979-8-3503-0544-9
8. Sharon Priya, and W. Aisha Banu, " Machine Learning Methods for Online Education Case," in Eighth International Conference on Science Technology Engineering and Management (ICONSTEM), Chennai, India, Apr. 2023. ISBN: 979-8-3503-4779-1
9. Hema, "Designing a Secure Environment for EHR in Ethereum by Employing RSA and NTRU," in The Eighteenth International Conference on Management Science and Engineering Management, Malaysia, 2024. ISBN:978-981-97-5098-6
10. P.Valarmathi, "Introduction and development of cyber physical systems in smart grid with block chain technology to enhance sustainability," in IEEE conference, 2nd international conference in augmented intelligence sustainable systems, CARE College of Engineering, AUG. 2023, pp. 1275–1280. ISBN: 979-8-3503-2579-9
11. R. Sivasankari, " Cybernated Watermarking Approach on Image with Cryptographic Encryption," in 2nd IEEE International Conference on Computer, Communication, and Control (IC4-2024), Indore, Feb. 2024, pp. 1–6. ISBN: 979-8-3503-8793-3

b. Other Conferences

1. S. P. Valli, Sharmila Sankar, and C.Hema, " Enhancement of XGBoost Using Custom Hyperparameter Tuning for Bank Churning," in International Conference on Recent Trends in Science, Technology and Management (ICRTSTM), Pune,India, Jul. 2024, pp. 78.
2. W. Aisha Banu, and S. Sharon Priya, " A Framework for Securing Health Information Using Blockchain in Cloud Hosted Cyber Physical Systems," in arXiv Accessibility Forum, Cornell University, US, Jun. 2023, pp. 1–10.
3. S.P .Valli, " Assisted Living for Alzhemeirs Patients," in International Conference on Intelligent Computing, Chennai India, Mar. 2024, pp. 22–39.

4. S.Revathi,V.Muthupriya, " Audio Pattern recognition for Crime Detection," in International Conference on Innovative Research in Economics Management, ICIR-EMIL III, Dubai, Jul. 2023, pp. 675–680.
5. L. Arun Raj, " A Genetic-muted Leader Scheme with CNN based IDS for industrial Internet of Things networks," in Ninth International Conference on Cyber Security, Privacy in Communication Networks, Wales, UK, Dec. 2023.
6. L. Arun Raj, "Document modeling in information Filtering for Multi-label Classification," in International Conference on AICSR 2024, Hyderabad, India, Apr. 2024.
7. L. Arun Raj, " Virtual Mouse and Hand Gesture Control System Using Deep Learning," in Seventh International Conference on ICONIC 2K24, Chennai, India, Mar. 2024.
8. W. Aisha Banu, and S. Sharon Priya, " A Framework for Securing Health Information Using Blockchain in Cloud Hosted Cyber Physical Systems," in arXiv Accessibility Forum, Cornell University, US, Jun. 2023, pp. 1–10.
9. S.Sharon Priya, " Taxonomy of AISecOps Threat Modeling for Cloud Based Medical Chatbots," in arXiv Accessibility Forum, Cornell University, US, 2023.
10. Madhina Banu, " Machine Learning Techniques for Predicting Diabetes," in Third International Conference on Innovative Research in Economics Management ,information Technology and Legal Studies, Chennai, India, Jul. 2023.
11. B. Dhanalakshmi, " The Hunt: Exploring AI in Video Games," in International Conference on Recent Trends Engineering and Management, New Research and Innovation Society, Apr. 2024.
12. Dr,I.Karthiga, Dr.Sharon Priya," Multi Camera Enhanced Real Time Content Aware Vehicle Detection," in 7th International Conference on Computational Intelligence in data science, SSN college of engineering, Feb. 2024.
13. Dr.V.Muthupriya,Dr.S.Revathil.Dr.I.Karthiga, " Swap Electric Vehicle battery by scanning QR code instead of charging," in International Conference on Contemporary Engineering and technology, Samarkand state University, Uzbekistan, Mar. 2024, pp. 132.
14. Dr.V.Muthupriya," AI assisted smart Safety Jacket Rescue Mission", in International Conference on Computer, Communication and Informatics, organized by Department of CSE and AI & DS, Peri Institute of Technology held on 25th April 2024.

12. Book(s) Published

S. No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book	Name of the Publisher, country & Month of publication	Availability status
			Rs / \$		
1	Dr.N.Sabiyath Fathima, Dr.S.Revathi Dr. V.Muthupriya	Chapter / Smart Agricultural Field Monitoring System.	-	Springer,July 2023	Yes
2	Dr.G.Saravanan, Dr.K.S.Balamurugan, Dr.M.Malleswaran Dr.V. Muthupriya	Wireless Networks	650	Scientific International Publishing House, 2023	Yes
3	Dr. L. Arun Raj, Dr. A. Abdul Azeez Khan, Dr. K. JavubarSathick, Dr. S. Syed Abdul Syed, Dr. T. Selvakumar	Learn to Code Python	300	Mayas Publication, July 2024	Yes
4	Dr. G. Gayathri, Dr. M. Mohammed Thaha, Mr. S. Ilavarasan, Dr. D. Sugumaran	Python Programming – An Industrial Approach	900	Scientific International publishing House, October 2023	Yes
5	Dr. M. Mohammed Thaha	E-Commerce	-	Multi-Spectrum publications, July 2024	Yes
6	Dr.B. Dhanalakshmi,	Data Analytics with Python	400	Booksclinic Publishing, October 2023	Yes
7	P. Valarmathi, Dr. B.S. Panda, Mr.Vinod N, Mr .Rajashekar A	Virtual Reality	600	Scientific International Publishing house, August 2023	Yes
8	P. Valarmathi, V. Sharvani Channappa, N. Sarvamangalaa, Dr. Jyoti Bala	The Future of Business Administration: Integrating AI & Data Science	600	A2Z Edu learning Hub, July 2024	Yes
9	R. Siva sankari	Problem Solving and Python Programming	650	Aasan Publications, September 2023	Yes

13. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1.	Dr. S. Revathi, Professor Dr.N. Sabiyath Fatima, Professor Dr.V.Muthupriya, Asso .Professor	Wireless Laptop Charger Cum Cooling Pad,Published on - 21/2/24, Application Number: 390129-001	-	Yes	-
2.	Dr.E.SyedMohamed,Professor Dr. D. Madina Banu, Asso .Professor	Asystem and method for remote controlling a plurality of appliances	Yes	-	-
3.	Dr. R. Akila,Asso .Professor	Intelligent Method for Academic Achievement using Machine Application No.202141044916	-	Yes	-

4.	Dr. R. Akila, Asso. Professor	Ai based fake products detecting device	Yes	-	-
5.	Dr.B.Dhanalakshmi, Asso. Professor	Muscle activity recognition in EMG signals using deep network method and system for AI-driven. Application no.: 202421034089	-	Yes	-
6.	Mrs. A. Radhika, Asst. Professor (Sr.Gr)	Wireless Laptop Charger Cum Cooling Pad, Published on - 21/2/24, Application Number: 390129-001	-	Yes	-
7.	Mrs. P. Valarmathi, Asst. Professor	A Game based virtual reality system for fostering joint attention in autistic kids. Published on 16.2.24. Application number - 202441006326.	-	Yes	-
8.	Mrs. C. Jeeva, Asst. Professor Mrs. R. Sivasankari, Asst. Professor	Hacker's Maze : A Game Changing Approach to Cyber Security	Yes	-	-
9.	Mrs. R. Sivasankari, Asst. Professor	AI based controlling device for smart appliances	Yes	-	-
10.	Dr. Niyati Kumari Behera, Asst. Professor Dr.I.Karthiga, Asst. Professor Dr. A. Alif Siddiqua Begum, Asst. Professor Mrs.S.Delhirani, Asst. Professor Mrs.Preethi.C, Asst. Professor Mrs. Nithya .B, Asst. Professor	AI based device or detection of cardiac diseases - dsn no-413508001	Yes	-	-
11.	Dr.S.Revathi, Professor Dr.N.SabiyathFatima, Professor Dr.V.Muthupriya, Asso. Professor Dr.B.Dhanalakshmi, Asso. Professor Dr.I.Karthiga, Asst. Professor	ML based accident notifying device for vehicles published on 20 June 2024, Design number: 6370928	-	Yes	-

14. Details of Impact Factor of the Publication and H-Index of the department

A. Range	- 0.51 – 3.6
B. Average IF	- 1.63
C. H-Index	- 22
D. No. In Scopus	- 45

15. Details of Major Equipment Purchased (Financial year 2023-24)

S.No	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount in Rs
1	Intel Core i9-13900K 3.00G 36MB 24 Cores 125W CPU, HP 1TB HDD, 64 GB DDR5 RAM, 4k	India	10.10.2023	18.10.2023	Rs. 7,96,500/-

	USB-C Monitor, NVIDIA RTX A2000 12 GB GDDR6 Graphics – 3 Nos.				
2	Microprocessors, Microcontrollers and its interfaces	India	18.03.2024	18.03.2024	Rs. 3,06,918/-

16. International Visits by Faculty / Students

S. No	Name of the Faculty/Student	Name of the Institution/ Industry	Country	Purpose	Period	Outcome
1.	Dr.E.Syed Mohamed	Hamdan Bin Mohammed Smart University	Dubai	Star Keynote Speaker Award-2024 by FEDA – World Education Conference – (WEC-FEDA 2024)	27-28th July, 2024	BSACIST received “Best Educational Innovation university (South India) Award” from FEDA World Educational Conference 2024 held in Dubai on 28.07.2024.

17. Faculty Internships (Industry / research organization / Academic Institution)

S.No	Name of the Faculty	Details of work place& Mentor	Period of Internship	Outcome
1	Dr.I.Karthiga	Wadhvani Foundation / Mr. Naved Ahmed / Entrepreneurship educators	2/1/2024 – 4/1/2024 and 10/1/2024 – 12/1/2024	To build an entrepreneurial mindset and gain knowledge to identify the problems using design thinking process
2	S.Hemalatha	Wadhvani Foundation / Mr. Naved Ahmed / Entrepreneurship educators	2/1/2024 – 4/1/2024 and 10/1/2024 – 12/1/2024	To build an entrepreneurial mindset and gain knowledge to identify the problems using design thinking process
3	S.Hemalatha	Marcello Tech,Trichy/Backend Basics:Bulding with javascript and Node.js	1/12/2023 - 7/12/2023	Gained knowledge on Backend Basics:Bulding with javascript and Node.js

18. Achievements of Faculty

S.NO	NAME OF THE FACULTY	TYPE OF RECOGNITION/AWARD	DETAILS OF AWARDDING ORGANIZATION	DATE /YEAR
1	Dr. S P Valli	Topper in NPTEL course NBA Accreditation and Teaching-Learning in Engineering (NATE)	SWAYAM - NPTEL	January-April 2024
2	Dr. S Revathi	Topper in NPTEL course NBA Accreditation and Teaching-Learning in Engineering (NATE)	SWAYAM - NPTEL	January-April 2024
3	Dr. R. Akila	Topper in NPTEL course NBA Accreditation and Teaching-Learning in Engineering (NATE)	SWAYAM - NPTEL	January-April 2024

4	Dr. B. Dhanalakshmi	Topper in NPTEL course NBA Accreditation and Teaching-Learning in Engineering (NATE)	SWAYAM - NPTEL	January-April 2024
5	Dr.Niyati Kumari Behera	Top Mentor in Data Base Management System	SWAYAM - NPTEL	January-April 2024
6	Dr.V.Muthupriya	Top Mentor in Effective Writing	SWAYAM - NPTEL	January-April 2024
7	Dr.D.Madhina Banu	Top Mentor in Effective Writing	SWAYAM - NPTEL	January-April 2024
8	Dr.I.Karthiga	Top Mentor in Effective Writing	SWAYAM - NPTEL	January-April 2024
9	Dr.B,Dhanalakshmi	Top Mentor in Effective Writing	SWAYAM - NPTEL	January-April 2024
10	Dr.L. Arun Raj	Top Mentor in Effective Writing	SWAYAM - NPTEL	January-April 2024
11	Mr.S.R.Senthilkumar	Top mentor in Soft Skill Development	SWAYAM - NPTEL	January-April 2024
12	Ms.Kamarunnisha H	Top mentor in Soft Skill Development	SWAYAM - NPTEL	January-April 2024
13	Dr.Gopinath N	Top mentor in Soft Skill Development	SWAYAM - NPTEL	January-April 2024
14	Dr.Brindha Merin J	Top mentor in Data Mining	SWAYAM - NPTEL	January-April 2024
15	Dr.A Soundariya	Top Mentor in Soft Skill Development	SWAYAM - NPTEL	January-April 2024
16	Dr.S.Sharon Priya	Top Mentor in Soft Skill Development	SWAYAM - NPTEL	January-April 2024
17	Dr.Radhika Alagesan	Top Mentor in Soft Skill Development	SWAYAM - NPTEL	January-April 2024

19. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1.	Dr. S. Revathi	Introduction to Industry 4.0 and Industrial Internet of Things	SWAYAM-NPTEL	October, 2023
2.	Dr. S.P. Valli	Cyber Security and Privacy	SWAYAM-NPTEL	October, 2023

3.	Dr.V.Muthupriya	Introduction to Industry 4.0 and Industrial Internet of Things	SWAYAM-NPTEL	October, 2023
4.	Dr.S.SharonPriya	Cloud Computing	SWAYAM-NPTEL	October, 2023
5.	Dr. C. Hema	Powerpoint-Microsoft Powerpoint for Beginners	Udemy	2023
6.	Dr. C. Hema	Python Development Essentials	Udemy	2023
7.	Dr. C. Hema	C++ and PHP Complete Course 2023	Udemy	2023
8.	Dr. D. MadinaBanu	Big Data Computing	SWAYAM-NPTEL	October, 2023
9.	Mrs. C. Vijayalakshmi	Big Data Computing	SWAYAM-NPTEL	October, 2023
10.	Dr. R. Akila	Big Data Computing	SWAYAM-NPTEL	October, 2023
11.	Dr. J. BrindhaMerin	Big Data Computing	SWAYAM-NPTEL	October, 2023
12.	Mrs. S. Subhashini	Prompt Engineering for Everyone	Cognitive Class, IBM Developer Skills Network	29-10-2023
13.	Mrs. A. Radhika	Big Data Computing	SWAYAM-NPTEL	October, 2023
14.	Dr. NiyatiBehera	Big Data Computing	SWAYAM-NPTEL	October, 2023
15.	Dr.B.Dhanalakshmi	Introduction to Industry 4.0 and Industrial Internet of Things	SWAYAM-NPTEL	October, 2023
16.	Dr.I.Karthiga	Cloud Computing	SWAYAM-NPTEL	October, 2023
17.	Mrs. R. Sivasankari	Cyber Security and Privacy	SWAYAM-NPTEL	October, 2023
18.	Dr V Muthupriya	Blockchain and its Applications	SWAYAM-NPTEL	April 2024
19.	Dr .I.Karthiga	Blockchain and its Applications	SWAYAM-NPTEL	April 2024
20.	MrsP.Valarmathi	Computer Networks And Internet Protocol	SWAYAM-NPTEL	April 2024
21.	Mrs Shifana Rayesha	Computer Networks And Internet Protocol	SWAYAM-NPTEL	April 2024
22.	MrsSnegaa	Computer Networks And Internet Protocol	SWAYAM-NPTEL	April 2024
23.	MrV Balaji	Computer Networks And Internet Protocol	SWAYAM-NPTEL	April 2024
24.	MrsAmsavalli S	Deep Learning	SWAYAM-NPTEL	April 2024

25.	MrsValliammai	Deep Learning	SWAYAM-NPTEL	April 2024
26.	MrsLatha M	Edge Computing	SWAYAM-NPTEL	April 2024
27.	MrsAmsavalli S	Introduction To Industry 4.0 And Industrial Internet Of Things	SWAYAM-NPTEL	April 2024
28.	MrsVetripriya M	Introduction To Industry 4.0 And Industrial Internet Of Things	SWAYAM-NPTEL	April 2024
29.	Dr Akila R	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
30.	Dr.B Dhanalakshmi	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
31.	Mrs.Bala Gayathri D	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
32.	C Vijayalakshmi	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
33.	Dr L Arun Raj	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
34.	Dr S Sharon Priya	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
35.	Dr J Brindha Merin	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
36.	MrNehru P	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
37.	MrsRadhika A	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
38.	Dr S P Valli	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
39.	Mr.S R Senthilkumar	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
40.	Dr S Revathi	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024
41.	Dr Sivasankari R	NBA Accreditation and Teaching and learning in Engineering (NATE)	SWAYAM-NPTEL	April 2024

20. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Priyanka R	210171601046	Entrepreneurship Award for the most profitable Creative Venture	CIIC	28.08.2023

2.	Karthikaa. R	210181601021	Awarded "Pass with merit" in the Business English Certificate Preliminary	Cambridge English	21.09.2023
3.	Sahana M	210181601044	Pass with Distinction in BEC Examination	Cambridge English	21.09.2023
4.	Mohamed Jaffran	210181601029	Participation	VEL Tech. – Directorate of sports	22.08.2023
5.	S. Sathish	231262601002	Participation	SRM IST Ball Badminton	19.08.2023
6.	S. Sathish	231262601002	III Place	YMCA College Ball Badminton	30.08.23-31.08.23
7.	Basith	220171601021	Participation	VEL Tech(Kabaddi-Men)	21.08.23
8.	Fakhir Rizwan K	230171601041	Participation	TNPESU(Kabaddi-Men)	12.09.23-13.09.23
9.	T.N. Mohamed Jaffran	210181601029	Participation	IIT Madras(FootBall I-Men)	21.09.23-22.09.23
10.	Janarthanan S	220191601023	Certificate	Madras medical College	Sep-23
11.	Janarthanan S	220191601023	Certificate	Anand institute	Oct-23
12.	Rishvanth J P	220191601050	Certificate	madras medical college	22.09.23
13.	Mukesh Kumar J	210171601034	Certificate	Besant Technologies	22.09.2023
14.	Mohamed Sakeel A	210171601037	Award	Vels institute of science and technology(Vels Nakshatra ' 24) - VOGUE winner	20.03.2024
15.	Renushree P	240191601052	First place-Won Gold Medal	Tamil Nadu State Sports Karate-Do Association	21.07.2024
16.	Mohamed Iliyas I	210181601025	Fourth Place	All India Inter University Korfball Mixed Tournament	01.03.24-03.03.24
17.	Rishvanth J P	220191601050	Certificate	madras Institute of technology	30.03.24
18.	Rishvanth J P	220191601050	Certificate	srmktr	March-24
19.	Rishvanth J P	220191601050	Certificate	vels Institute of Science and Technology	21.03.24
20.	Rishvanth J P	220191601050	Certificate	Anna university CEG	March-24

21.	Rishvanth J P	220191601050	Certificate	Puducherry technological university	21.03.24
22.	Janarthanan S	220191601023	Certificate	Srm University ktr	March-24
23.	Janarthanan S	220191601023	Certificate	Anna university ceg	March-24
24.	Janarthanan S	220191601023	Certificate	Madras institute of technology	Machr-24

21. Details of credit transfer through NPTEL/Swayam/MOOC courses

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1	Aadel Mohamed Rabeek (B Tech(CSE))	210071601002	ComputerVision	3	B
2	M.B. Ajwadh Jalal (B Tech(CSE))	210071601021	ComputerVision	3	B
3	Arsath Irfan. A (B Tech(Cse))	210071601029	ComputerVision	3	B
4	Dhanuesh. M (B Tech(CSE))	210071601049	ComputerVision	3	B
5	Hameem Muthassir. V (B Tech(CSE))	210071603001	ComputerVision	3	C
6	Vishvajit K(B Tech (AI&DS))	210071601059	IoT andApplications	3	A
7	Archit S B Tech (AI&DS))	210071601009	IoT andApplications	3	A
8	Julias Ceasor A (Ph D(CSE))	220943104001	Big DataAnalytics and IoT	3	D

22. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	"Python in Data Science" for Meenakshi Krishnan Polytechnic , Pammal	1 day 8 March 2024	Convener: 1. Dr.Sharmil Sankar 2. Dr.Aisha Banu Faculty Coordinators 1. Dr.X.Arputha Rathina 2. Dr.L.Arunraj 3. Dr.S.Sharon Priya Faculty Co-coordinators 1. Mrs. Soundarya 2. Mrs.Amsavalli	Outreach Initiative	50 students derived benefits from this workshop
2	Mega Education Fair at Sri Vasudeva Hall, East Tambaram, Chennai	2 days 30 & 31 March 2024	Faculty: 1. Mrs.C.Vijayalakshmi 2. Mrs.Radhika 3. Ms.Subhashini 4. Dr.NiyatiBehra	Promotion of CSE programme	Interacted with school students and parents for Admission
3	Educational Expo at Chennai Trade Center organized by Dinathanthi	2 days 02 & 03 April 2024	Faculty: 1. Mrs.Jeeva 2. Mrs.Saraswathi 3. Dr.Dhanalakshmi	Promotion of CSE programme	Interacted with school students and parents for Admission
4	Educational Expo at Chennai Trade Center organized by	2 days 06 & 07 April 2024	Faculty: 1. Mrs.Vetripriya 2. Mrs.Sivasankari	Promotion of CSE programme	Interacted with school students and parents for

	the Hindu		3. Mrs.Amsavalli		Admission
5	Educational Expo at Chennai Trade Center organized by the Dinakaran	2 days 27 & 28 April 2024	Faculty: 1. Mrs.Kamarunisha 2. Mrs.Latha 3. Mrs.V.Balaji 4. Mr.Senthil Kumar	Promotion of CSE programme	Interacted with school students and parents for Admission
6.	Embedded systems Kit	March 24 to May 24	Faculty: 1. Dr.S.Subashini Students: B.Tech CSE(IoT) II Year	Conducting Practical lab for the course CSD 2242 - Microprocessor and Embedded system design lab	Gained knowledge on developing projects on Embedded system kit.

23. Industry / Institute Collaboration

<u>S. No</u>	Name of the Industry / Research organization / Institute	Type of Collaboration	Month	Year	Status	Outcome
1	Bevywise Networks	Conducted a workshop to set up a simulation laboratory for IOT application.	4	23	Active	The faculty and students were able to get a good knowledge on set up a simulation laboratory for IOT application.
2	Celonis Technology	Conducted a training program for faculty and students in process mining.	2	23	Active	The faculty and students were able to get a good knowledge on process mining.
3	University Islam Badung, Indonesia	Conducted a Guest Lecturer on Focus Group Discussion on AI on the 2nd February 2024	2	24	Active	The faculty and students were able to get a good knowledge on Artificial Intelligence
4,	Risaya Media Ventures PVT LTD	Skill development and expanded employment prospects.	4	24	Active	The faculty and students were able to get a good knowledge on Skill development and expanded employment prospects.

24. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1.	BSACIST ACM Student	blender it! Render it! Workshop	4	15	-	Mr. M. Sarathi Ganesh from B. Tech CSE (IoT)	Students acquired knowledge about Blender Tool and Familiarity with

	Chapter and Multimedia and Robotics Club					3rd year student. (ii) Mr.Wasim Shaikh from B. Tech CSE (IoT) 3rd year.	the Blender workspace, including the toolbar, timeline, and outliner.
2.	BSACIST ACM Student Chapter	EC Meet	-	400+	-	-	Students gained the opportunity to improve their communication, teamwork, and leadership abilities through participation in group activities and discussions. These skills are crucial for personal and professional success.
3.	BSACIST ACM Student Chapter	ARCANE 2K23	36	50	200	Mr. Albert einstein, Founder and ceo, Einnel technology	ARCANE 2K23 offered a comprehensive set of outcomes that made students excel in both academic and professional success. The combination of advanced knowledge, professional networking, personal inspiration, and practical skills equips students with the tools they need to excel in their academic pursuits and seamlessly transition into their professional careers, making them well-rounded and competitive in their respective fields.
4.	BSACIST ACM Student Chapter	Gaming Project Expo	2	20	-	-	Students implemented a unique game concepts and mechanics
5.	BSACIST ACM Student Chapter and Open Source Club	React JS Workshop	5	62	-	Ahamed Ajas, Student/ Illrd Year CSE	Student understood about React JS core concepts such as components, JSX, and props
6.	BSACIST ACM Student Chapter and Neural Techgenix Club	Introduction to Computer Vision Workshop	3	60	-	Mr.Albert Einstein G,	Students were able to configure React JS,work with core concepts such as components, JSX, and props
7.	BSACIST ACM Student Chapter	Tools and Technologies for AI, Big Data & Cloud AWS	3	32	-	Mr.Rajesh Kanna, Senior Technical Lead, EPAM Systems	Enhanced readiness for careers in AI, big data, and cloud computing through hands-on experience and practical knowledge.
8.	BSACIST ACM Student Chapter	Mobile App and Development	2	48	-	Dr. Blessed prince, professor & Head, Computer Science	Understood mobile development for iOS and Android platforms.

						department, presidency University, addressed about mobile app development.	
9.	BSACIST ACM Student Chapter	International Level Student Workshop on Data Science using Python	5		-	Dr.Buddha Chandrasekhar, Chief Coordinating Officer, AICTE	Enhanced careers in data science and analytics through practical experience and knowledge.
10.	BSACIST ACM Student Chapter and Cyber Security Club	Cyber Security and Ethical Hacking workshop.	4	56	-	i) Mr. Ajinkya L, ethical hacker, tedx speaker, josh talk speaker and podcaster International level Expertise in the field of Cyber Security. (ii) Mr. Afzal Bijli FHM, Measi Institute of Information Technology,	Student can able to develop the Skills in performing ethical hacking, including penetration testing and vulnerability assessment.
11.	BSACIST ACM Student Chapter and IoT Club	IOT Workshop by Bevywise	4	28		Mr.Ranjith Kumar , Founder & CEO of Bevywise Networks LLP, addressed on basic overview of IoT, its components, and protocols used in IoT.	Understanding of basic IoT concepts, architecture, and applications.
12.	BSACIST ACM Student Chapter and Multimedia and Robotics Club	Beta Editor Workshop	4	24		i) Sarathi Ganesh. M from B.TechCSE(IoT) (ii) Shaik Mohamed Wasim Jaffar from b.Tech CSE(IoT)	Ability to create and design graphics, including posters, flyers, and social media content.
13.	BSACIST ACM Student Chapter and IoT Club	IoT Project EXPO 2024	4	18 Team	-	Mr.Ranjith Kumar, MD/ Bevywise Networks	Skills in presenting and demonstrating IoT projects to an audience.
14.	BSACIST ACM Student Chapter	Deployment of dynamic web application on AWS cloud workshop	4		-	MR.Afzal Bijli FHM, MEASI Institute of Information Technology	Understood the core AWS services and architecture.

25. MoUs Signed

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome
			Day	Month	Year	
1.	Bevywise Networks	Lab Setup	12	04	23	Conducted workshop to set up a simulation laboratory for IOT application.
2.	Celonis Technology	Faculty - Student collaboration	24	02	23	Conducted a training program for faculty and students in process mining.
3.	University Islam Badung, Indonesia	Training program	02	02	24	Conducted a Guest Lecturer on Focus Group Discussion on AI on the 2nd February 2024
4.	Risaya Media Ventures PVT LTD	Industrial collaboration	18	04	24	Resource utilization and offering learners enhanced skill development and expanded employment prospects.

26. Extension Activity Conducted

S.No	Type of Extension activity	No of Participants		Details of beneficiaries	Programme duration	Outcome
		Faculty	Student			
1.	Cancer Awareness Session Dr. Abbimathi MBBS graduates from Government Villupuram Medical College	20 Women Faculty	100+ Female students	100 CSE Female students + 20 Women Faculty	16-2-2024	Awareness about the Causes of cancer for women.
2.	ECMeet Dr. Aisha Banu W. Professor & HOD, Dept of CSE, BSACIST	36	300	CSE Students (300)	26-4-2024	Students have the opportunity to improve their communication, teamwork, and leadership abilities through participation in group activities and discussions.
3.	ARCANE 2K23 Mr. Albert Einstein, CEO, Einnel Technologies	36	300	200 students of 33 different colleges and 100 students from B.S.Abdur Rahman Crescent Institute of	13-9-2023	The combination of advanced knowledge, professional networking,

				Science and Technology		personal inspiration, and practical skills equips students with the tools they need to excel in their academic pursuits and seamlessly transition into their professional careers, making them well-rounded and competitive in their respective fields.
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27. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration)	Purpose	Outcome
1	Mr.Ranjith Kumar	Bevywise Networks	05.03.2024	IoT Project EXPO 2024	Students exposed their ideas and vision
2	Mr. Joseph Martin	CEO,Strong Box IT Pvt	22.3.2024	Seminar on "Career Opportunities In Cyber Security"	Various Cybersecurity opportunities were discussed
3	Dr.Blessed Prince	Presidency University, Bangalore	14.3.2024 to 16.3.2024	Workshop on "Mobile App and Development"	Students were trained well with App Development
4	Mr.Rajesh Kanna	EPAM System	22.3.2024	Workshop on "Tools and Technologies for AI, Big Data on Cloud AWS"	Exploration of recent AI Tools and techniques
5	H,Abdul Navas	KC Overseas-Osprey Academy	14.3.2024 to 16.3.2024	Seminar on "Importance of Higher Studies in Abroad"	Spark about studies in abroad.
6	Mr.Rajesh Kanna,	EPAM System	15.3.2024	How Artificial Intelligence, Big Data & Cloud (ABC) Transforming IT industry to next level	Industrial AI exploration.
7	Mr. Afzal Bijli FHM	Measi Institute of Information Technology	29.2.2024	Workshop on "Deployment of Dynamic Web Application on	Hands on experience about AWS Cloud

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration)	Purpose	Outcome
				AWS Cloud"	
8	Dr.Buddha Chandrasekar	CCO-AICTE	19.2.2024	Workshop on "Data Science using Python"	Students exposed with Data Science using Python
9	Dr. Abbimathi	Villupuram Medical College	16.2.2024	Women Cancer Awareness	Awareness of cancer - Idea exploration
10	Mr. Ajinkya L	Ethical Hacker	12.2.2024 and 13.2.2024	Cyber Security and Ethical Hacking workshop.	Various Cybersecurity opportunities were discussed
11	Mr. Afzal Bijli FHM	Measi Institute of Information Technology	12-2-2024 and 13-2-2024	Cyber Security and Ethical Hacking workshop.	Uptrending Cybersecurity hacking techniques were explored.
12	Mr.Amiteshreddy	Code Tantra	9/2/2024	Importance of Competitive coding	Provided the vision to learn coding deeper.
13	Dr.Shoba S	VIT	8.11.2023	Webinar on "Memories and Register Transfer Logic"	Detailed thought about Registers.
14	Dr.Debanjen Konar, Dr.Arish Pitchai Dr.JayakumarVaithiyashankar, Dr.Sunil Kumar Mishra, Dr.SidharthaBhattacharrya, Dr.Albert Einstein, Dr.Pushpalatha.M Dr.Ishu Gupta Dr.Manjula Gandhi S	-	16.10.2023 to 31.10.2023	2 Weeks FDP on "Recent Trends in Quantum Computing"	Faculty were provided a deeper knowledge and Hands-on training about the recent research area "Quantum Computing".
15	Ms. Sameera Shah Mr.Ranjit Sengupta	Vectra TechnosoftPvt,Ltd	9.10.2023	RedHat Technologies & Industry Adaptation	Depth vision about RedHat.
16	Mr.Sakthi Kumar Manohar	manager, GE vernova	27.9.2023	Seminar on "Digital Transformation and Future of AI"	Provided the vision for Advanced AI.
17	Mr.Abert Einstein	CEO, Einnel Technologies	13.9.2023	Arcane 2K23	Industrial AI exploration.
18	Dr.S. Parasuraman	Professor, School of Engineering, Monash University,	04.09.23	Technical Seminar on "Artificial Intelligence"	Exploration of AI Tools and Applications.
19	Ranjith Kumar	Founder & CEO of Bevywise Networks LLP	14.9.2023 & 15.9.2023	IOT Workshop by Bevywise	Exploration of IoT Trends and Tool.
20	Mr.Issam Siddiqu	-	8.8.2023	Should you Consider working in Start-Up	Students were motivated for Start-up concerns.
21	Mr. Ajinkya Lohakare	CTO and founder of Ditto Security	26.7.2023 & 27.7.2023	Workshop on "Cyber Security	Uptrending Cybersecurity

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration)	Purpose	Outcome
				and Ethical Hacking"	hacking techniques were explored.
22	Mr.Abert Einstein Mr.S. James Immanuel	CEO, Einnel Technologies Lead Data Scientist, Einnel Technologies	28.03.2024	Workshop on "Introduction to Computer Vision"	Provided an in-depth knowledge of Computer Vision.

28. Photographs with relevant captions for Important Activities



Two day faculty orientation programme

Two - day faculty orientation programme conducted by the department of CSE during 23.05.2024 to 24.05.2024

ARCANE -2k23



Cancer Awareness Program



EC MEET 2024





Technical IoT seminar entitled "Connected Horizons" on 9-8-2023



Beta Editor Workshop on 24-8-2023



Technical Seminar on " Artificial Intelligence" on 4-9-2023



Two Weeks Faculty Development Program (FDP) on Recent Trends in Quantum Computing from 16th October 2023 to 31st October 2023



CSE Code Club-DevXperience on 4-11-2023



Python in Data Science on 8-3-2024



Workshop on Mobile App and Development on 16th March 2024



areer Opportunities in Cyber Security Seminar on 22nd March 2024



Tools and Technologies for AI, Big Data & Cloud AWS Workshop on 22nd March 2024



Gaming Project Expo on 6-4-2024



Blender it Render it workshop on 2-5-2024



IoT Project EXPO on 3-5-2024

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Day 3 (31st July 2024)". The slide contains a table with the following content:

S.No	Topic Covered	AWS Service
Topic : Cloud Basics		
1	Introduction to AWS Cloud	
2	AWS Console Basic Walkthrough	
3	User Creation, User Policies, User Roles & Multi Factor Authentication (MFA), Alias account name	IAM - (Identity Access Management)
Topic : Static website deployment on AWS		
4	Preparing the environment & Deploying of Static Website on the AWS Ubuntu Cloud Server	EC2 - (Elastic Cloud 2)
5	Storing Files on AWS Storage	S3 Bucket - (Storage Bucket Version 3)
6	Creating & managing the private keys	EC2 - (Elastic Cloud 2)

On the right side of the Zoom window, there is a video feed of a participant and a list of other participants with initials (NA, SR).

FDP on Generative AI & AWS Cloud from 28-6-2024 to 3-7-2024

DEPARTMENT OF INFORMATION TECHNOLOGY

1. Value Added Programmes Offered

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	AI & IoT: A Hands-on Approach to Smart Technologies	February - July 2024	45 Hrs	Enarxi Innovations Pvt. Ltd, Chennai	17	-	-

2. Training Programmes Offered

S. No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	IBM Project Based Boot Camp on Cloud and AI Technologies	12.3.2024 to 16.3.2024	3 hrs / day = 12 hours	Edunet Foundation in association with IBM Skills build programme	210	4	-
2	IBM Skills build Orientation Programme by Edunet	18.6.2024	3 hrs	Edunet Foundation	210	4	-

3. Interdisciplinary Programmes Conducted

S. No	Name of Programme	Other departments involved	No. of Participants		Outcome of the Programme
			Students	Faculty	
1.	Dockers, Kubernetes and AWS IOT Core for Data Collection from Edge Devices	ECE	75	5	<ul style="list-style-type: none"> Participants gained a comprehensive understanding of Dockers, Kubernetes, and AWS IoT Core for data collection from edge devices. They learned how to deploy, manage, and scale applications in a containerized environment using Dockers. They mastered the orchestration of containers with Kubernetes.

4. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	Industrial Visit	VI	A	65	Dr. N. Rajendran Dr.P. Gnanasekeran Ms. A. Sonya	U.R. Rao Satellite Centre (URSC), Bengaluru	29.04.2024.
Outcome of the Visit: 1.Enhanced Understanding of Satellite Technology 2.Awareness of Research and Development Initiatives 3.Potential Collaboration Opportunities 4.Education and Career Development							
2.	Industrial Visit	III	A	49	Dr. Mohammed Wajid Khan Ms. Ishwariya Franklin	CDAC-Bangalore	27.10.2023
Outcome of the Visit: 1. Students gained a deeper understanding of supercomputing technology, particularly through the exploration of the PARAM Utkarsh Supercomputer's capabilities and specifications 2. The visit provided insight into the ongoing research and development initiatives at C-DAC Bengaluru Centre, highlighting its contributions to areas such as artificial intelligence, big data analytics, and cloud computing 3. The visit provided valuable educational insights for students interested in pursuing careers in high performance computing, offering a glimpse into real-world applications and opportunities within the field.							
3.	Industrial Visit	IV	A	56	Dr. Mohammed Wajid Khan Ms.A. Sonya	National Remote Sensing Centre (NRSC) (ISRO), Hyderabad	18.04.2024
Outcome of the Visit: 1. Broadened Understanding of Remote Sensing Technology and Space Exploration: Increased awareness and comprehension of remote sensing technology, offering a multidisciplinary perspective beyond traditional IT domains. 2. Networking Opportunities with Industry Professionals 3. Enhanced understanding of emerging technologies through exploration of ISRO's infrastructure and exposure to network communication systems							
4.	Industrial Visit	V	A	55	Dr.Prakash Dr Nabeena Ameen Ms. Ishwarya	Genesys Telecom Labs Pvt Ltd	05.10.2023
Outcome of the Visit: 1. Students participated in a technical quiz. 2. The visit provided valuable insights about new technologies. 3. Students came to know about inbound and outbound cloud based software from call routing and IVR to email, chat, social media, messaging, screen share, self-service options, workforce optimization, analytics							

5. Conferences / FDP / Seminars / Workshops Organized by the department

S.	Name of the	Type of	Duration	Details of	No. of Participants
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No	programme	Programme	From - To	Collaborating Agency	BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Selenium Testing Tool	Webinar	2/12/23	LIVE WIRE	5	30	-	-
Details of Keynote Speakers: (i) Anupriyan K. - Corporate Trainer & Technical Leader, LIVE WIRE, Chennai								
2.	Full Stack Web Development	Hands On Session	26/9/23	LIVE WIRE	10	65	-	-
Details of Keynote Speakers: (i) Anupriyan K. - Corporate Trainer & Technical Leader, LIVE WIRE, Chennai								
3.	Object Oriented programming with Real-World Scenarios	Guest Lecture	18.05.2024	LIVE WIRE	8	40	-	-
4.	Practical Approach on Bug Bounties	Hands On Session	22.04.2024	Founder of R	3	53	-	-
5.	UI/UX design workshop	Hands on Session	23.04.2024	LIVE WIRE	3	50	-	-
Details of Keynote Speakers: (i) Mr. Ranganathan- Bounty Bug (ii) UI/UX design- Speaker: Mr. Vinayagam Mahalingam- Livewire								

6. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1.	SIT	Rs.7784/-	B.S.A Crescent Institute of Science And Technology
2.	ICON	Rs. 27750/-	B.S.A Crescent Institute of Science And Technology

7. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1	Dr.Nabeena Ameen	Crafting Mobile Experiences :Mastering Flutter with DART	Training	6/4/24 to 10/3/24	Marcello Tech
2	Dr.Nabeena Ameen	Emerging Trends and Technologies in UI/UX Design	Training	18/03/24 to 23.03.24	Marcello Tech
3	Dr.Nabeena Ameen	Django Revolution - Transforming Ideas into Web Reality	Training	6/4/24 to 14/4/24	Marcello Tech

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
4	Dr.Nabeena Ameen	Python	FDP	19/3/24 to 25/3/24	Star International Foundation Of Research And Education
5	Dr.Nabeena Ameen	Data Science and Its Applications	FDP	5/4/24 to 12/4/24	ACT ACADEMY
6	Dr.Latha Tamilselvan & Dr. Mohammed Wajid Khan	Dockers, Kubernetes and AWS IOT Core for Data Collection from Edge Devices	Webinar	02/05/2024	BSACIST
7	Dr.I. Sathik Ali	Data Science using Python	Workshop	19/02/2024 to 23/02/2024	BSACIST, AICTE, Brainovision Solutions
8	Dr.Nabeena Ameen	Advanced Research Methodology	FDP	24/7/23 to 30/7/23	ACT academy
9	Dr.Nabeena Ameen	Research tools	FDP	3/7/2023 to 14/7/2023	Easwari Engineering College
10	Mrs.S.Muthahara Fathima	Data Science Tools	FDP	12/7/2023 to 1/8/2023	SRMIST, Trichy
11	Mohammed Wajid Khan	VLSI to System Design: Silicon to End Application	FDP	31/07/2023 to 04/08/2023	AICTE & ARM education
12	Dr.Nabeena Ameen	Research Writing and Anti-Plagiarism Tools	SDP	30/8/23 to 31/8/23	ACT Academy
13	Dr.Nabeena Ameen	Innovative Teaching Practices in Higher Education	workshop	13/9/23 to 14/9/23	CITL, BSACIST
14	Ms.A.Sonya	Innovative Teaching Practices in Higher Education	workshop	13/9/23 to 14/9/23	CITL, BSACIST
15	Ms.A.Sonya	Python	National Level FDP	19/03/2024 to 25/03/2024.	Star International Foundation for Research and Education
16	Ms.A.Sonya	National Level Seven Days Upskilling Faculty Development Programme	FDP	21/02/2024 to 27/02/2024	Ayya Nadar Janaki Ammal College, Sivakasi.
17	Dr.Latchoumy	Innovative Teaching Practices in Higher Education	workshop	13/9/23 to 14/9/23	CITL, BSACIST

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
18	Mohammed Wajid Khan	Innovative Teaching Practices in Higher Education	workshop	13/9/23 to 14/9/23	CITL, BSACIST
19	Dr. I. Sathik Ali	Cloud Infrastructure(AWS)	FDP	21/08/2023 to 25/08/2023	AICTE & Brainovision Solution India Pvt Ltd
20	R.Ramya	Outcome Based Education(OBE) with Hands-on training	workshop	1/8/2023 to 2/8/2023	BSACIST
21	Dr.Nabeena Ameen	Back End - Development	workshop	8/10/23	Marcello tech
22	R.Ramya,Dr. Rajendran	Question paper setting and evaluation for OBE	workshop	6/11/23	CITL, BSACIST
23	Dr.Nabeena Ameen	Question paper setting and evaluation for OBE	workshop	6/11/23	CITL, BSACIST
24	Dr.Nabeena Ameen	Advanced research methodology	workshop	22/11/23 to 30/11/23	Digiskills center, ACT academy
25	Dr.Nabeena Ameen	Cloud infrastructure(AWS)	FDP	21/08/2023 to 25/08/2023	Snitel.SRM Institute of science and technology, KTR
26	R.Ramya	Artificial Intelligence and its Applications in Communication, Signal Processing, Image Processing and Computing Applications	FDP	06/11/2023 to 10/11/2023	CMR Institute of Technology, Bengaluru
27	Mrs.S.Muthahara Fathima	Question paper setting and evaluation for OBE	workshop	6/11/23	CITL, BSACIST
28	Dr.Kabeer.M	Recent Trends in Quantum computing	Two weeks FDP	16/10/23 to 31/10/23	BSACIST
29	Dr.Kabeer.M	Innovative Teaching Practises in Higher Education	Two days workshop	13/9/23 and 14/9/23	CITL and NITTR
30	Dr,Kabeer	Business Analytics and Business Intelligence	One week FDP	3-7 December, 2023	RFI
31	Dr,Kabeer,M	Statistical Analysis with EXCEL	One week FDP	9-13 December, 2023	RFI

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
32	Dr. Mohammed Wajid Khan	Master Training Program on High-Performance Computing (HPC)	FDP- Training	2-14, June 2024	AICTE and CDAC
33	Dr Kabeer,M	Emerging Tools and Techniques in AI and ML	FDP	5-10 February, 2024	CSI
34	Dr.Kabeer	21 days Masterclass in Generative AI	workshop	8-27, January.2024	PanTech E learning
35	Dr.Kabeer	Mastering E content Development	FDP	28/2/2024 to 7/3/2024	CDOE
36	Dr.G.Kavitha	Data Science for Engineers	FDP	July-September 2023	NPTEL - AICTE
37	Dr.G.Kavitha	Introduction to Internet of Things	FDP	January - April 2024	NPTEL - AICTE
38	Dr. P. Latchoumy	Data Science for Engineers	FDP	July - September 2023	NPTEL - AICTE
39	Dr. P. Latchoumy	Introduction to Internet of Things	FDP	January - April 2024	NPTEL - AICTE
40	Dr. Latha Tamilselvan	"Machine Learning Applications for Engineers	FDP	3 - 7, June 2024	CBIT- Hyd
41	Dr. P. Gnanasekaran	"Machine Learning Applications for Engineers	FDP	3 - 7, June 2024	CBIT- Hyd
42	Dr.P.Gnanasekaran	Emerging Tools and Techniques in Machine Learning and Data Science	FDP	5-10 February ,2024	MITS
43	R.Ramya	AI,ML and DL	FDP	8-18, July,2024	Gandhi Institute of Engineering and Technology
44	R.Ramya	Hands-on workshop for No-code machine learning Application Development	Workshop	28.06.2024	MIT, Chennai (chrompet campus)
45	R.Ramya	Teaching learning process,Research and professional Development in higher education	FOP	8-13, July,2024	BSACIST
46	R.Ramya	Deep learning and IOT Driven smart applications	FDP	24-29, June,2024	MLR Institute of Technology Hyderabad

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
47	R.Pavithra	Hands-on workshop for No-code machine learning Application Development	Workshop	28.06.2024	MIT, Chennai (chrompet campus)
48	R.Pavithra	Teaching Learning Process, Research and Professional Development in Higher Education	FOP	8-13, July,2024	BSACIST
49	R.Pavithra	Deep learning and IOT Driven Smart Applications	FDP	24-29, June,2024	MLR Institute of Technology Hyderabad

8. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2023 -June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	3	-	-	-	8	-	11

9. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

a) SCI/Scopus Indexed Journal

1. Dr. Nabeena Ameen, Sanjose A. Thomas,M.Asalam Abdullah,Dr.S.Vijay Mallikraj,Mr.Gourah Dutta," Towards Smart Healthcare Management :Harnessing Computer Science Advancements "African Journal of Biological Sciences ,VOLUME 6 Special Issue 2 ISSN 2663-2187 , June 2024.
2. J.Navin Chander and G.Kavitha, "Advanced Generative Deep Learning Techniques for Accurate Captioning of Images", Wireless Personal Communications, 2024 (Springer, SCI and Scopus Indexed, I.F 0.6)
<https://doi.org/10.1007/s11277-024-11037-y>
3. Nisha A and Kavitha G, "Enhanced Diagnosis and Classification of Type 1 and Type 2 Diabetes Mellitus with Super Learner", International Journal of Intelligent Systems and Applications in Engineering, Vol.12, No.20, pp:391-402, 2024 (Scopus Indexed, I.F 0.21)
4. Mohammed Wajid Khan, , Vikash Kumar , Santosh Kumar Das, " IIoT Enabled Authentication Scheme for Edge Computing" International Journal of Microsystems and IoT, DOI: <https://doi.org/10.441/zenodo.127805>
5. V. Rajasekaran and L. Tamilselvan, "A Novel Approach to Predict Consumers Behavior using Implicit Product Properties in E-Commerce using Deep Learning Techniques," International Journal of Intelligent Systems and Applications in Engineering, vol. 12, no. 3s, pp. 290–297, 2023.
- 6.
7. V.Rajasekaran and L. Tamilselvan, "Predicting Customer Churn in E-Commerce Using Statistical and Machine Learning Methods," International Journal on Recent and Innovation Trends in Computing and Communication, vol. 11, no. 9, pp.3968–3973,2023. Available: <https://doi.org/10.17762/ijritcc.v11i9.9738>
8. Dr. P. Gnanasekaran and Dr. N. Rajendran, "Optoelectronic-aided machine learning-based stable routing protocol for MANET and beyond massive MIMO systems in 5G networks," Optical and Quantum Electronics (Springer, SCI and Scopus Indexed), vol. 56, no. 480, pp.2-14, 2024. Available: <https://doi.org/10.1007/s11082-023-06106-8>

9. M. Tajuddin, M. Kabeer and Mohammed Misbahuddin, "En-route for an Automatic early stress & non-stress detection analysis for supervised learning with Bayes' theorem based on multimodal measurements", Journal of Autonomous Intelligence, Volume 7 Issue 5, PP - 1-13,2024, doi: 10.32629/jai.v7i5.1135

International Conference & National Conference:

a) Conference with ISBN Proceedings

1. G. Kavitha, P.Latchoumy, S.Bhuvaneswari, E.Dinesh Raj, "Secure Transfer of Digital Asset Using Blockchain Technology", in Proc of International Conference on Computational Sciences and Sustainable Technologies, Christ University, Bangalore and Modern College of Business and Science (Oman), during 8th and 9th May 2023.
2. V. Rajasekaran and L. Tamilselvan, "Clustering-Based Predictive Analytics for Blockchain-Driven E-commerce Supply Chain Prototype", page no. 111. Chapter 9, April 3, 2024
3. S. Anitha and Dr. P. Gnanasekaran, "Juncture of Text Preprocessing Techniques & Extracting Sentiment Analyzing of Micro-Blog Based on Machine Learning Algorithms", International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, page no. 1-9, December 2023

10. Book(s) Published

S. No	Name of the Faculty	Name of the Book	Cost of the book		Name of the Publisher, country & Month of publication	Availability status
			Rs	\$		
1	1) Mr.Om Prakash Singh 2) Dr.Nabeena Ameen 3) Mr.Enagandula Sunil 4) Mr. Devendra Suthar	Cloud Computing	650	-	Scientific International Publishing House July, 2024	Published
2	Ms.A.Sonya	Utilising Machine Learning Techniques for Predictive Analytics, Disease Diagnosis, And Treatment Recommendation Systems In 5g-Enabled Healthcare Environments	-	-	Wester Books May 2024	Published

11. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1	Ms.A.Sonya	FPGA Interfaced Pollution Monitoring system in IoT	-	Published on 28.06.2024	-

12. Details of Impact Factor of the Publication and H-Index of the department

Range - 0.5 to 1.5 : Average - 0.75: H-Index - 13 : No. In Scopus- 8

13. Sponsored Research (Ongoing / Granted)

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned	Current Status
1.	Dr.N.Prakash	AICTE	Skill & Personality Development Program Centre (SPDC)	14,68,166	Ongoing

14. International Visits by Faculty / Students

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country	Purpose	Period
1.	Aafreen Marzuqa A Renukanthan K.	Audacious Dreams Foundation in Collaboration with Anna University, Chennai	Malaysia	India-Malaysia Youth Exchange and Study Program - Internship	25.03.2024 - 31.03.2024
Outcome: MICROCHIP Production line flow, machinery used in the manufacturing process.					
2	Shadman Shafat	The International Center for Health Information Technology (ICHIT)	Taiwan	NSTC International Internship Pilot Program	1.11.2023 to 31.01.2024
Outcome: Enhanced knowledge and skills in health information technology through hands-on experience					

15. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr. P. Latchoumy	Hangout '23 Award on Academic & Research	BSA Crescent Alumni Association	December, 2023
2.	Dr.G.Kavitha	NPTEL Discipline Star Award	NPTEL	May, 2024
3.	Dr.G.Kavitha	Top 5% Topper in NPTEL course - Introduction to IoT	NPTEL	April, 2024
4.	Dr. Mohammed Wajid Khan	Master Trainer in HPC	AICTE & CDAC	June, 2024

Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1.	Dr. P. Latchoumy	Introduction to Internet of Things	NPTEL	April, 2024
2.	Dr. P. Latchoumy	Data Science for Engineers	NPTEL	September, 2023
3.	Dr.G.Kavitha	Introduction to Internet of Things	NPTEL	April, 2024
4.	Dr.G.Kavitha	Data Science for Engineers	NPTEL	September, 2023
5	Dr.Kabeer.M	Ultimate Ethical Hacking Bootcamp- Beginner to Pro	UDEMY	11.12.2023
6	Dr.Kabeer.M	R Programming A-Z - R for Data science with Real Exercises	UDEMY	29.05.2024

16. Achievements of Students

.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Abdul Kalam B	200081601001	Successfully completed TCS iON Career Edge - Young Professional	TCS iON	June, 2023
2	Sandhiya .R	200081601040	Successfully completed MySQL	Udemy	September, 2023

17. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Educational Expo 2024	6.04.2024	Ms.R.Pavithra	i. To improve admissions through branding and knowledge dissemination ii. To increase departmental visibility and reputation.	Increased admissions through higher interest and applications.

18. Industry / Institute Collaboration

S.No	Name & Detail of Industry	Type of Collaboration	Month & Year	Status	Outcome
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1.	Enarxi Innovation Pvt. Ltd, Chennai	Value added programme and Internship	July 2024	completed	1.Students acquired hands-on experience in advanced technologies such as AI, IoT, and Smart Technologies through practical sessions. 2.Students received certification, recognizing their competence in the covered topics, adding value to their professional profiles.
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19. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1	Society of Information Technologists	Technical event organized	-	121	-	Mr. Abdul Hakim, Founder and CEO of ABR Systems Pvt Ltd, Chennai	The importance of positive thinking and attitude was discussed.
2.	ICON	Technical event organized	-	120	-	Mr. Arunmozhivarman Sannasi, Manager, Genesys, Chennai	Importance of staying relevant with technology was discussed

MoUs Signed:

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome
			Day	Month	Year	
1	Edunet Foundation	Academic	01	03	2024	1.Conducted hands on training in Cloud and Machine Learning Technologies 2. Student access to more than 600 online courses offered by Edunet portal 3.Students Internships were offered in association with AICTE during May-June 2023

20. Extension Activity Conducted

S.No	Type of extension activity	No. of Participants		Details of beneficiaries	Programme duration	Outcome
		Faculty	Student			

1	Seminar on “Industry 4.0 Technologies and its Applications”	8	65	QIS College of Engineering and Technology,	3 hours	The students were taught on Industry 4.0 technologies like IoT, IIoT, Blockchain and its applications in Automation
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21. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1.	Mr. Abdul Hakim, Founder and CEO of ABR Systems Pvt Ltd, Chennai	-	SIT Inauguration	The importance of positive thinking and attitude was discussed
2.	Mr. Arunmozhivarman Sannasi, Manager, Genesys, Chennai	-	ICON	Importance of staying relevant with technology was discussed

22. Photographs with relevant captions for Important Activities



Inauguration of the SPDC Laboratory



Hangout '23 Award on Academic & Research - BSA Crescent Alumni Association, December 2023



Guest Lecture- Object Oriented Programming with Real-World Scenarios



ICON 2024 – A National Level Technical Symposium

Guest Speaker - Mr. Arunmozhivarman Sannasi, Manager, Genesys, Chennai



Releasing a Magazine - ICON 2024



ICON 2024

DEPARTMENT OF COMPUTER APPLICATIONS

1. Value Added Programmes Offered

S. No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	I Year B.Sc. (CS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	64	-	-
2	I Year BCA (CTIS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	52	-	-
3	I Year BCA (DS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	61	-	-
4	I Year BCA (AI)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	40	-	-
5	I Year BCA (CS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	16	-	-
6	II Year B.Sc. (CS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	57	-	-
7	II Year BCA (CTIS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	56	-	-
8	II Year BCA(DS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	56	-	-
9	II Year BCA (AI)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	39	-	-
10	II Year BCA (CS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	20	-	-
11	III Year BSc(CS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	50	-	-

12	III Year BCA(CTIS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	37	-	-
13	III Year BCA(DS)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	54	-	-
14	III Year BCA(MM)	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	6	-	-
15	I Year MCA-A	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	62	-	-
16	I Year MCA-B	18.01.2024 to 12.04.2024	2064	Spoken Tutorial Project, IIT Bombay	62	-	-

2. Details of Field visits/Industrial visits organized by the department

S.No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	BCA – CTIS B.Sc(CS) BCA – AI&CS	V III		180	Dr.Parvin Begum Dr.Parvin Dr.E.Manogar Dr.S.Jeevitha	Retech Lasers Private Limited	1 day (25.07.2024)
Outcome of the Visit: <ul style="list-style-type: none"> ➤ Understand the 3D printer operations and backend technologies. ➤ Provides an insight into the real working environments. 							
2.	BCA (AI,CS&DS)	IV		115	Dr.R.Shanthi Ms.S.Sabaria Mr.Mohamed Anwar	KaashivInfotech	1 day (21.02.2024)
Outcome of the Visit: <ul style="list-style-type: none"> ➤ An outcome of an industrial visit is that students gain practical exposure to Real-Time Python Projects, which enhances their understanding of theoretical concepts learned in the classroom and provides insights into potential career paths. 							
3.	BCA CTIS	II		52	Dr.SaharBanu Mr.V.M.Niaz Ahamed Dr.SenthilSelvi	AAHA Solutions,Pondichery	1 day (2.05.2024)
Outcome of the Visit: <ul style="list-style-type: none"> ➤ It encourages innovative thinking and problem-solving by exposing them to real challenges faced by industries. ➤ Students are able to get knowledge of web development 							

3. Conferences / FDP / Seminars / Workshops Organized by the department

S.No	Name of the Programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1	CSI	Inauguration of Computer Applications Association and Computer Society of India	27.09. 2023	-	32	Whole Department Students	-	-
Details of Keynote Speakers : Dr.T.Ruso, Project Manager, CTS.								
2	Recent Trends in AI	One Day Workshop	3.11.2023	SEAM Pvt.Ltd	10	300	-	-
Details of Keynote Speakers: (i) Mr.Gokul Raj, Lead Data Scientist – SEAM Pvt.Ltd. (ii) Mr.Wasim, Lead Data Scientist – Data Science Trainee & AI support								
3	CRM-Technologies	Webinar	3.11.2023	Lead Squared	3	120	-	-
Details of Keynote Speakers: Mr. G. Abhilash Krishnan, Lead-Product Training								
4	Advanced Programming in Java	Hands on Session	6.11.2023	Infosys	5	120	-	-
Details of Keynote Speakers: Ms. Bilga Simon, Technical Test Lead, Infosys								
5	Getting Started with Cyber Security and Practical Open Source Intelligence	One Day Workshop	7.11.2023	Ethical Hacker and Cyber Security Researcher / R Protocols.	2	120	-	-
Details of Keynote Speakers : Mr.P.Renganathan, Ethical Hacker								
6	Cracking the Code: Machine Learning in Digital Marketing	One Day Seminar	9.11.2023	BA Technology	3	60	-	-
Details of Keynote Speakers :K.S.SharrenBalaji, Managing Director								
7	Automation Using Java Selenium	One Day Workshop	15.11.2023	Infosys	5	120	-	-

Details of Keynote Speakers: Ms. Bilga Simon, Technical, Test Lead								
8	Applications of cloud computing in the real world	One Day Workshop	15.03.2024	Software Architect–Hexaware Technologies	3	100	-	-
Details of Keynote Speakers : Mr.JagadeeshElumalai								

4. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1.	CYBER CREST' 24	40,000	Institution
		8,000	CADD Centre
		5,000	Apollo Computer Centre
		5,000	Blitz
		10,000	Anjali
		6,000	Food Court

5. Conferences / FDP / Seminars / Workshops Attended by faculty.

S.No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency
1	Dr. E.Manogar	Blockchain Technology and Applications	FDP	24-06-24 to 28-06-24	Birla Institute of Technology, Mesra, Ranchi, Noida Campus
2	Dr. E.Manogar	Teaching - Learning Process, Research and Professional Development in Higher Education	FOP	8-07-24 to 13-07-24	B.S.Abdur Rahman Crescent Institute of Science and Technology Chennai 600048
3	Dr. S. Jeevitha	Teaching - Learning Process, Research and Professional Development in Higher Education	FOP	8-07-24 to 13-07-24	B.S.Abdur Rahman Crescent Institute of Science and Technology Chennai 600048
4	Mr. M. Mohammed Jalaluddin	Teaching - Learning Process, Research and Professional Development in Higher Education	FOP	8-07-24 to 13-07-24	B.S.Abdur Rahman Crescent Institute of Science and Technology Chennai 600048
5	Dr.C.SenthilSelvi	Deep Learning Solutions in Healthcare	FOP	19-2-2024 to 23-02-24	Chaitanya Bharathi Institute of Technology

S. No.	Name of the Faculty	Topic of the Event/Talk	Category of the event (Conference/FDP/Seminar etc..)	Name and Department of Institution	Date(s)
1	Dr. A.Jaya	Applications of data science in heterogeneous domain	FDP	Saveetha college of Liberal arts and Science	04.04.2024
2	Dr. A.Jaya	Essential of research and research methodology tools and techniques	Webinar	SRM institute of Science and Technology , Ramapuram	30.01.2024
3	Dr. A.Jaya	Theoretical Foundations and Research Applications in Machine Learning and Deep Learning	Guest Lecture	Vidya Academy of Science and Technology, Thrissur.	17.02.2024

6. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2023-June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	17	-	-	-	47	-	64

7. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

c) SCI/Scopus Indexed Journal

1. Muhib Anwar Lambay and S. Pakkirmohideen, "Applying Data Science Approach to Predicting Diseases and Recommending Drugs in Health care using Machine Learning Models –A Cardio Disease Case Study" Journal of Multimedia Tools & Applications, January 2024.
2. C Vijayalakshmi, S Pakkirmohideen, "Survival prediction model with lion optimization for Hepatitis-B patients using supervised and unsupervised learning algorithm" Measurement: Sensors, available online 16 December 2023.
3. Y. Nasir Ahmed, S. Pakkirmohideen & Mohammad Pasha, Enhancing Quality of Service (QoS) and minimizing application placement delaying cloud-fog nodes through meta-heuristic algorithms, Journal of Information and Optimization and sciences, 2023, Volume No. 44, Issue No. 6, Pages 1167–1177, November 2023.
4. Ahmed, Y. Nasir, Mohideen, S. Pakkirmohideen & Pasha, Mohammad (2023) Task scheduling in cloud-fog computing using discrete binary particle swarm meta-heuristic with modified sigmoid function, Journal of Information and Optimization Sciences, 44:6, 1023–1033, DOI: 10.47974/JIOS-1226, November 2023.
5. Syed Hussain & S. Pakkirmohideen, "A state-of-the-art universal machine learning framework for decoding suspect coded messages", Measurement: Sensors, Elsevier, Volume 33, June 2024.
6. Sivakani Rajayyan & Syed Masood Mohamed Mustafa, 2023. "Comparative Analysis of Performance Metrics for Machine Learning Classifiers with a Focus on Alzheimer's Disease Data," Acta Informatica Pragensia, Prague University of Economics and Business, vol. 2023(1), pages 54-70, April 2023
7. Rajayyan, Sivakani, and Syed Masood Mohamed Mustafa. "Prediction of dementia using machine learning model and performance improvement with cuckoo algorithm." International Journal of Electrical & Computer Engineering (2088-8708) 13.4 (2023), August 2023.

8. J. Dhanalakshmi, N. Ayyanathan, "Geospatial Data Visualization of an Energy Landscape and Geographical Mapping of a Power Transmission Line Distribution Network", *Computational Intelligence in Machine Learning, Lecture Notes in Electrical Engineering*, Springer vol 1106, Issue 1, Feb 2024, https://doi.org/10.1007/978-981-99-7954-7_28(Scopus)
9. Padmavathy P., ShaharBanu, AnushaMarouthu, Arshad Ahmad Khan Mohammad, Amairullah Khan Lodhi, "Optimized Probabilistic Sink Node Deployment for Enhanced Performance in Wireless Sensor Networks", *Journal of Electrical systems Engineering and Scientific Research Groups*. Vol. 20 No.4 (2024), <https://doi.org/10.52783/jes.2323>. (Scopus and Web of Science) .
10. Jenipriya, Vinusri and ShaharBanu, "Pet animal disease prediction using machine learning algorithm", *International Journal for Science and Advanced Research and Technology* Vol 10 Issue 5 ,May 2024 ISSN [ONLINE] : 2395-1052.
11. Preetha ,Divayadarshini and ShaharBanu, "Crop yield prediction using machine learning International Journal for Science and Advanced Research and Technology", Vol 10 ,issue 5 May 2024 ISSN [ONLINE] : 2395-1052.
12. Parthasarathy, S., Lakshminarayanan, A.R., Abdul Azeez Khan, A., JavubarSathick, K., Jayaraman, V. (2023). Detection of health insurance fraud using Bayesian optimized XGBoost. *International Journal of Safety and Security Engineering*, Vol. 13, No. 5, pp. 853- 861. <https://doi.org/10.18280/ijss.130509>, October 2023.
13. Akila Devi, T.R., JavubarSathick, K., Abdul Azeez Khan, A. et al. Novel Framework for Improving the Correctness of Reference Answers to Enhance Results of ASAG Systems. *SNCOMP. SCI.* 4, 415 (2023). <https://doi.org/10.1007/s42979-023-01682-8>, May 2023.
14. Abdul Azeez Khan, et al. (2023). Optimizing Expert Rankings with Multiple Regression Analysis. *International Journal on Recent and Innovation Trends in Computing and Communication*, 11(9), 2085–2089. <https://doi.org/10.17762/ijritcc.v11i9.9209>, September 2023.
15. S. Syed Abdul Syed, C. Atheeq, A. Abdul Azeez Khan, K. JavubarSathick, E. Syed Mohamed, C. Altaf, "Enhanced Chaotic Map Based Key Agreement to Mitigate Packet Dropping Attack from MANETs", *SSRG International Journal of Electronics and Communication Engineering*, vol. 10, no. 7, pp. 23-32, 2023. Crossref, <https://doi.org/10.14445/23488549/IJECE-V10I7P103>, July 2023.
16. AfrahFathima, G. Shree Devi, MohdFaizaanuddin, Improving distributed denial of service attack detection using supervised machine learning, *Measurement: Sensors*, Volume 30, 2023, 100911, ISSN 2665-9174, <https://doi.org/10.1016/j.measen.2023.100911>, December 2023.
17. S. Revathi, Shreedevi, K. M. Monica, Bindu G, D. Menaga, "End to End Encrypted Smart Lock Using RSA based on Opinion from Social Media Review Comments", *International journal on recent and innovation trends in computing and communication*, Volume 11, 11(s) <https://doi.org/10.17762/ijritcc>, June 2023.
18. Palanisamy, Preethi, Amudhavalli Padmanabhan, Asokan Ramasamy, and Sakthivel Subramaniam. 2023. "Remote Patient Activity Monitoring System by Integrating IoT Sensors and Artificial Intelligence Techniques", *Sensors*, no. 13: 5869. <https://doi.org/10.3390/s23135869>, June 2023.
19. K. A. .Ahamed, K. .Lalitha, S. .Saravanan, and S. .Muthu Kumar, "Enhanced Deep Learning Based Non-Invasive Anomaly Detection of ECG Signals with Emphasis on Diabetes", *Int J Intell Syst Appl Eng*, vol. 11, no. 6s, pp. 284–294, May 2023.
20. E. Boopathi Kumar, M. Rajeshkumar, A. Muthusamy, T.L. Yookesh, Dr. A.K. AshfaukAhamed, "Predicting the Fake Review of Products Using Graph Recurrent Neural Network International Journal of Interdisciplinary Organizational Studies", *Common Ground Research Factor*, Vol 18 Issue 2, Pg. no 2364-2374/ Dec 2023, ISSN: 2324-7649 (Print), 2324-7657 (Online) (Scopus).
21. S. Muthukumar a and A.K. AshfaukAhamed, "A novel framework of DDoS attack detection in network using hybrid heuristic deep learning approaches with attention mechanism", *Journal of High Speed Networks, IOS Press* vol. 30, no. 2, pp. 251-277, 2024, <https://doi.org/10.3233/JHS-230142>, ISSN:0926-6801(Scopus), May 2024.

22. M. Musharuf Rahman, Dr. AshfaukAhamed A.K, "Advanced Shoplifting Prevention And Alert System" , International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 08 , Issue: 05, <https://doi.org/10.55041/IJSREM33871>, ISSN: 2582-3930,May 2024.
23. A .Fazil, Dr. AshfaukAhamed A.K, "Biometric Hashing Template Protection, International Journal of Scientific Research in Engineering and Management (IJSREM) IJSREM, Volume 08, Issue 05 May 2024. DOI: 10.55041/IJSREM34600, ISSN: 2582-3930.
24. R. Sonia, Jesla Joseph, D. Kalaiyarasi, N. Kalyani, Amara S. A. L. G. Gopala ,Sulaiman Ali Alharbi&Ms.S.S.Raghavan ,"Segmenting and classifying skin lesions using a fruit fly optimization algorithm with a machine learning framework",Journal for Control, Measurement, Electronics, Computing and Communications, Taylor & Francis Vol 65, No1,217-231, Jan 2024, <https://doi.org/10.1080/00051144.2023.2293515>(SCI).
25. R Sonia, G Mahendran,Chatrapathy K, R Prabhakaran,Sridhar Ranganathan,MukulothSrinivasnaik,V Uma Maheswari, "Synergizing Robotics, Sensors, IoT, and Machine Learning Unleashing a Smart Automation System for Industry 4.0",European Chemical Bulletin Deuton-X Ltd, Vol.12, PP 15864 - 15883, Dec 2023, ISSN 2063-5346 (Scopus)
26. Dr.A. HajaAlaudeen, Sr.S. Peer Mohamed Ziyath, Dr.R.Sonia&Ms.J.Farhana ,"A survey of location based services:Architecture, Applications and challenges" ,Tranz Research Journal Friedrich Berlin, Vol.9 Issue 12, Dec 2023, ISSN 1869-7720 (Scopus and UGC CARE).
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International Conference& National Conference:

a) Conferences

1. Dr A Jaya, "An intelligent Language generator for Healthcare Voice bot", Second international conference on Technological advancements in Science, Engineering and Management, JCT college of Engineering and technology, 26th & 27th April 2024.

2. Dr.Shahar Banu, Karthik, "Data Analytics Framework for Digital Twin of Grinding Machine", 6th International Conference on "Recent Innovations in Science & Technology (RIST 2024) Holy Grace Academy of Engineering, Thrissur, India in association with ISET Research, India.
3. Dr. P. Amudhavalli&V.Abinaya, "Infant drown alert system", KIRSET'24, 16th April 2024.
4. S.Saravanan, AshfaukAhamed A.K, "Exploring Deep Learning: In-Depth Insights into Techniques, Taxonomy, Applications, and Research Directions", International Conference on Integrating Recent Innovations in Science and Technology: Shaping the Future, ICIRIST, Jan 2024.
5. Dr R Sonia, S K Manikandan, "A Node MCU Enabled Comprehensive Remote Healthcare Evaluation System for Elder People Care and Support", ICSES, Dec 2023.
6. G.ArunaArumugam and M.Mohamed Divan Masood, "To Predict the Life Span of Selected Indian Fruits through MATLAB Segmentation and Deep Learning Techniques", Indian Journal Of Natural Sciences, Volume XIV (14) & August 2024.
7. S. Sabaria, R. Dhinakaran, N. Syed Sulaiman, "Detection Of Fake Image in Social Media", International Conference on Recent Trends in Computing and Communication Engineering, PP 8,March 2024.
8. Mrs.S.Sabaria , Ms.Priyadharshini, "Prediction Of Air Pollution Using Memory", 4th International Conference on Artificial Intelligence, 5G Communications and Network Technologies, VIT, PP 45,March 2024.
9. S.Sabaria, K.Yuvashree, M.R.SheerinHussainy, "A Personalized Emotion-Centric Food Journey, International Conference on Recent Trends in Science, Engineering and Technology", PP 3,April 2024.
10. S.Sabaria, "Stress Detection In Online Social Network Using Machine Learning", International Conference on Recent Trends in Science, Engineering and Technology, PP 16,April 2024.
11. SubuhiKashif Ansari, Uma maheshwari, R.Sabin Begum, Dr.SheikRehanaBanu, "Improving Smart Home safety with face recognition using Machine learning(ML)", International conference on new frontiers in communication, Automation , Management and Security, IEEE, May2024.
12. S.AashishHariharan, S. Mohamed Ashik, Mukesh, Dr.R.Shanthi, "BMI Fitness Chatbot", International Conference on Recent Trends in Science, Engineering and Technology, PP. 63, April 2024.
13. R.Shanthi, M.AbdulAnees, Y.MohammadLuqhmaan, "Advanced Data Protection Technique for Modern Threats", International Conference on Recent Trends in Computing and Communication Engineering, PP. 2. March 2024.
14. J. Benazir, K.Vaishnavi, Dr.R.Shanthi, "Secured File Upload Using NTRU Encryption Techniques",International Conference on Recent Trends in Computing and Communication Engineering, PP. 78. March 2024.
15. R.Shanthi, S.AbdulAzeez, N.Deepak Kumar, "Virtual Painting through Hand Gestures: A Machine Learning Approach" , 4th International Conference on Artificial Intelligence,5G Communications and Network Technologies, PP 107, March 2024.
16. Dr.I.Parvin Begum, Dr.S.Kalaivani, D.NasreenBanu, "Swarm Intelligence within the Internet of Medical Things: An Overview of the Objectives, Difficulties Including Emerging Technologies", International Conference on Recent Trends and Advances in Communication Technology and Data Science, PP-15 January 2024
17. Dr.I.Parvin Begum , Dr.S.Kalaivani , D.NasreenBanu , "An Overview Of the Objectives and Challenges of Ideas and Design to Consumers in Virtual Reality and Augmented Reality in Medicine Field", National Conference on Innovative Computing Techniques NCICT'24- VISHWA-PRADYOG, PP: 139, March 2024.

8. Book(s) Published

S. No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book	Name of the Publisher, country&	Availability status
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			Rs	\$	Month of publication	
1.	Dr. ShaharBau & Dr S Sabin Begum	Cyber security in Engineering technology and Management	-	-	AN Publications	978-81-965025-4-6
2.	Dr. A. Abdul Azeez Khan	Learn to code Python	-	-	Emperor Research Foundation, July & 2024	978-81-19716-03-6
3.	Dr. K. JavubarSathick	Learn to code python	-	-	Emperor Research Foundation, July & 2024	978-81-19716-03-6
4.	Dr A K AshfaukAhamed	Application of Education	-	-	Taylor & Francis, Vol 43, Issue 9, CH-126. July 2024	978-81-97607-97-4
5.	Dr R Sonia	Strengthening security, privacy, and trust in Artificial Intelligence drones for smart cities	-	-	IGI Global, Feb 2024	979-8-3693-3249-8
		Operating System	595	-	SIPH, July & 2024	9789 361325137
6.	Dr S Sabin Begum	Emerging Trends in information Technology	-	-	SK research Group of Companies	97881965283 79
		Problem solving using Python	250	-	Tipitaka publishing home, Chennai,	978-81-89847-447-9
7.	Ms. S Sabaria	AI Horizons: Exploring Technological Advancement	-	-	Bright Sky Publications, April &2024	978-93-6233-886-0
8.	Dr. A. HajaAlaudeen&Dr S Sabin Begum	Research perspective	-	-	Authors Click Publication	978-81-19368-81-5
9.	Dr. S. Peer Mohamed Ziyath, Dr Jahir Hussain A&Mr.MohammedJalaluddin	Industrial Revolution and Metaverse: Industry 5.0	-	-	Quing Publications	978-81-963865-2-8
10.	Dr. MDeepika	Principles of Computer Network	-	-	AN Publications, Feb 2024	987-81-965025-0-8
		Understanding Operating system	-	-	AN Publications, Feb 2024	987-81-960885-5-2
11.	Dr. R. Shanathi	AI Horizons: Exploring Technological Advancement	-	-	Bright Sky Publications, April 2024	978-93-6233-886-0
12.	Dr.I.Parvin Begum	Chapter 3 & 4 Basic Sorting Algorithms and Basic Searching Algorithms	-	-	IIP Series, Volume 3, Book 2, Part 6, Chapter, 2024	978-93-6252-516-1
		Data Structures and Algorithms	800	-	RK Publications, May 2024	978-81-970228-1-4

9. Patents (Obtained / Applied)

S.No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents
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			Filed	Published	Granted
1.	Dr.Jaubar Sathick, Dr Abdul Azeez Khan, Dr. Pakkir Mohideen, Dr. Munir Ahamed Rabbani, Dr. Syed Masood, Dr. Shahar Banu, Dr G Shreedevi, and Dr. Deepika	An Assistive Device For Person With Visual Impairment	YES	-	-
2.	Dr. Ashfauk Ahamed A.K	IOT Based Plants Health Monitoring (Nutrition Control) And Disease Prediction and Control System Using AI	YES	-	-
3.	Dr. Shenbagapriya	Identification of Vegetation Class Labels	YES	-	-
4.	Ms.D.Nasreen Banu	Block chain & cloud computing based criminal digital forensic investigation & prediction using AI & ML algorithms	YES	-	-
5.	Dr.S.Kalaivani	AI based smart conversational robot to assist blind peoples using cloud and ML algorithms	YES	-	-
6.	Dr. Jeevitha S	Autonomous Mobile Robot System for IN-SITU Inspection & Repair of Large scale	YES	-	-
7.	Dr.C.SenthilSelvi	A Convolution Neural Network Accelerator for Depthwise Separable Architecture	YES	-	-
8.	Dr S Peer Mohamed Ziyath	Calibration of Low cost Internet of Things sensors in environmental Monitoring Networks via Application of Machine Learning Technique.	YES	-	-
9.	Mrs.S.Sabaria and Dr. Shanthi	IOT Based Automatic Car Parking Management and Emergency Along with high security system using AI.	YES	-	-
10.	Dr R Sonia	AI Based Humanoid Robot For Surveillance And Security	-	-	YES
11.	Dr.C. Senthil Selvi	IOT Based Glucose Monitoring Device	-	-	YES

10. Details of Impact Factor of the Publication and H-Index of the department

- A) Range - 0 – 4.1
B) Average - 2.30
C) H-Index - 18
D) No. In Scopus - 38

11. Faculty Internships (Industry / research organization / Academic Institution)

S.No	Name of the Faculty	Details of work place & Mentor	Period of Internship	Outcome
1	Dr. Peer Mohamed Ziyath S	Cognizant	October 2023 to December 2023.	The faculty can teach modern enterprise concepts and develop documentation that addresses error codes, design models, and UI frameworks

12. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1.	Dr.C.Senthil Selvi	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	January-April 2023
2.	Dr.Deepika.M	Cloud Computing	NPTEL	July-December 2023
3.	Dr. Jeevitha Sivasamy	Introduction To Internet Of Things	NPTEL	July-December 2023
4.	Dr. R Sabin Begum	Learning Analytics Tools	NPTEL	July-December 2023
5.	Dr. R Sabin Begum	Python For Data Science	NPTEL	July-December 2023
6.	Dr.S.Kalaivani	Introduction To Internet Of Things	NPTEL	July-December 2023
7.	Mr. Mohamed Anwar	Learning Analytics Tools	NPTEL	July-December 2023
8.	Mr. Mohamed Anwar	Python For Data Science	NPTEL	July-December 2023
9.	Dr.I.Parvin Begum	Introduction to Internet of Things	NPTEL	July-December 2023
10.	Dr.I.Parvin Begum	Cloud Computing	NPTEL	July-December 2023
11.	Dr.S.Kalaivani	Cloud Computing	NPTEL	July-December 2023
12.	Ms.D.NasreenBanu	Introduction to Internet of Things	NPTEL	July-December 2023
13.	Ms.D.NasreenBanu	Cloud Computing	NPTEL	July-December 2023
14.	Dr. A Jaya	Intellectual Property	NPTEL	January-April 2024
15.	Dr. R Sabin Begum	Data Analytics with Python	NPTEL	January-April 2024
16.	Dr. R Shanthi	Business Intelligence & Analytics	NPTEL	January-April 2024
17.	Mr. Mohamed Anwar	Data Analytics with Python	NPTEL	January-April 2024
18.	Dr. Padmavathy P	Cloud Computing	NPTEL	January-April 2024
19.	Parvin Begum I	Programming in Java	NPTEL	January-April 2024

13. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	MD Hashir A J	230282601058	Participated in International Level Student Workshop 2k24 on Data Science using Python	BSACIST & Brainovision	February 2024
2.	MD Hashir A J	230282601058	Attended International Seminar -AI for Smart Cyber Security.	Sathyabama Institute of Science and Technology	February 2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
3.	MD Hashir A J	230282601058	Completed a course on CSS Introduction.	IBM Skillbuild	June, 2024
4.	MD Hashir A J	230282601058	EdunetSkillsbuild Orientation	IBM Skillbuild	June, 2024
5.	MD Hashir A J	230282601058	Completed a course on Foundation of Cyber Security	Coursera	March, 2024
6.	MD Hashir A J	230282601058	Completed a course on Data Science	CISCO	April, 2024
7.	MD Hashir A J	230282601058	Completed a course on Data Analytics Essentials	CISCO	April, 2024
8.	MD Hashir A J	230282601058	Completed a course on Mathematics for Machine Learning: Linear Algebra	Coursera	March, 2024
9.	Karthikeyan B R	230282601043	Cloud Computing	NPTEL	January-April 2024
10.	Abdul Rahman J	230282601003	Data Science Job Simulation	Forage	June, 2024
11.	Abdul Rahman J	230282601003	Data Analytics and Visualization Job Simulation	Forage	June, 2024
12.	Abdul Rahman J	230282601003	Getting Started with Data	IBM Skills Build	June, 2024
13.	Ajay B	230282601008	Python for Data Science	NPTEL	January-April 2024
14.	Kamali R	230282601041	Data Analytics with Python	NPTEL	January-April 2024
15.	Hemalatha R	230282601037	Cloud Computing	NPTEL	January-April 2024
16.	G Deva Darshini	230282601026	Programming in JAVA	NTech	February, 2024.
17.	Anitha G	230282601010	Data Analytics with Python	NPTEL	January-April 2024
18.	AnbuSelvan R	230282601009	Cloud Computing	NPTEL	January-April 2024
19.	Keerthana E	230282601047	Cloud Computing	NPTEL	January-April 2024
20.	Elamurgan B	230282601028	Cloud Computing	NPTEL	January-April 2024
21.	R Kirutheka Devi	230282601048	Supply Chain Analytics	NPTEL	January-April 2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
22.	Dharashan R.S	231551601003	Ethical Hacking Course	Mycaption	February 2024
23.	Dharashan R.S.	231551601003	Cyber Security & Ethical Hacking for Beginners	GUVI	June, 2024
24.	Dharshan R.S.	231551601003	Advanced Cyber Security – Threats and Governance	Great Learning	June, 2024
25.	Dharshan R.S.	231551601003	Dark Web	Guvi	July, 2024
26.	Swetha M	221421601053	Python for Data Science	Great Learning	January, 2024
27.	Lathika Sri S.	221421601020	Python for Data Science	Great Learning	January, 2024
28.	Raveena. S	221421601046	Python for Data Science	Great Learning	January, 2024
29.	ShumnugaGomathi S	221421601052	Python for Machine Learning	Great Learning	January, 2024
30.	Jaya Sri. R. G.	221421601017	Python Fundamentals for Beginners	Great Learning	January, 2024
31.	Niranjana P	221421601042	Data Science with Python	Simplilearn	January, 2024
32.	Pavithra. B.	221421601043	Prompt Engineering	Cognitive Class	January, 2024
33.	Pavithra. B.	221421601043	Data Visualization with Python	Cognitive Class	January, 2024
34.	Harini S.	221421601015	Introduction to Data Science	Great Learning	January, 2024
35.	Thrisha A.	221421601054	Business Analysis Professionals & Management	Courseera	January, 2024
36.	Savitha	221421601049	Python for Data Science	Great Learning	January, 2024
37.	FathimaBeevi R.A.K.	221421601010	Python for Data Science	Great Learning	January, 2024
38.	FathimaBeevi R.A.K.	221421601010	Excel for Beginners	Great Learning	January, 2024
39.	Lavanya M.	221421601021	Introduction to Data Science	Great Learning	January, 2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
40.	Vaishnavi	221421601055	Python for Data Science	Great Learning	January, 2024
41.	FathimaBeevi R.A.K	221421601010	Big Data Hadoop & Spark Developer	Simplilearn	February 2024
42.	Pavithra. B	221421601043	Finvibe Fiesta	Crescent University	February 2024
43.	Swetha M.	221421601053	Finvibe Fiesta	Crescent University	February 2024
44.	Anushya	221421601005	Finvibe Fiesta	Crescent University	February 2024
45.	Lithika Sri. S	221421601020	Finvibe Fiesta	Crescent University	February 2024
46.	Mohammed Izharuddin.O.	221421601034	Introduction to Data Science	CISCO Network Academy	February 2024
47.	Thrisha A.	221421601054	Data analytics & visualization job simulation	Forage (Accenture)	June, 2024
48.	FathimaBeevi. R A K	221421601010	Critical soft skill project management	IBM Skillsbuild	June, 2024
49.	FathimaBeevi. R A K	221421601010	Developing sites for web	IBM Skillsbuild	May, 2024
50.	FathimaBeevi. R A K	221421601010	Introduction of html,css	IBM Skillsbuild	June, 2024
51.	FathimaBeevi. R A K	221421601010	Web development for beginner, basics, fundamentals	IBM Skillsbuild	June, 2024
52.	M.S.Muhammed Noohu Nusair	221371601035	1st on Hadith	Crescent Islamic Cultural Society	February 2024
53.	M.S.Muhammed Noohu Nusair	221371601035	2nd prize on (Asma-ul-Husna, Hifd-ul-Quran, Essay Writing)	Crescent Islamic Cultural Society	February 2024
54.	FathimaBeevi. R A K	221421601010	Web Development	Great Learning	December 2023
55.	FathimaBeevi. R A K	221421601010	Data Science	Great Learning	December 2023
56.	Mohammed Saqib B	230282601082	Completed Internship Program at EY GDS in Full Stack using python.	EY Global Delivery Services	April, 2024
57.	Mohammed Saqib B	230282601082	Participated in International Level Student Workshop 2k24 on Data Science using Python	BSACIST &Brainovision	February 2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
58.	Mohammed Saqib B	230282601082	Participated in Inter College level Symposium CyberCrest24	B.S. Abdur Rahman Crescent Institute of Science and Technology	February 2024
59.	Mohammed Saqib B	230282601082	Completed a course on NodeJS.	Scaler Topics	February 2024
60.	Mohammed Saqib B	230282601082	Completed a course on Microsoft AI Skills Challenge	Microsoft Learn	January, 2024
61.	Mohammed Saqib B	230282601082	Participated in Tech Quest	B.S. Abdur Rahman Crescent Institute of Science and Technology	February 2024
62.	Mohammed Saqib B	230282601082	Completed Azure Fundamentals Cloud Skill Challenge	Microsoft learn	December 2023
63.	Mohammed Saqib B	230282601082	Completed a course on Google Cloud prompt Design on Vertex AI, GenAI and Streamlit	GDSC	May, 2024
64.	Mohammed Saqib B	230282601082	Participated in Google Cloud Arcade Games and earn many Swags from Google Cloud	Arcade Google Cloud	June – December 2023
65.	Mohammed Saqib B	230282601082	Won First Prize in quiz, pencil sketch and best out of waste	Islamiah College Autonomous Vaniyambadi	February 2024
66.	Mohammed Saqib B	230282601082	First Runner Up in Tech Quest	New College chennai	March, 2024
67.	Mohamed Rashid J	230282601070	2 hour Boot Camp in Build a Telegram Bot for Intelligent Image Classification	NoviTech R&D Private Limited	14.07.2024
68.	Mohamed Rashid J	230282601070	30 Days MasterClass in Data Analytics	NoviTech R&D Private Limited	13.06.2024-13.07.2024
69.	Mohamed Rashid J	230282601070	completed internship in AWS Internship	Internship Studio	15.06.2024-20.07.2024
70.	Mohamed Rashid J	230282601070	completed the course cybers fundamentals	IBM security academy	-
71.	Navin Jones C	230282601088	Completed a internship at ZOHO Corporation worked in the role of a Machine Learning Intern. During this internship period gained hands-on experience in applying machine learning algorithms and techniques to real-world problems and contributed a small part in some of the company's projects.	ZOHO Corporation	11.06.2024-12.07.2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
72.	Nandhini G	230282601085	Completed introduction to SQL in skill Build	IBM Skill Build	July, 2024
73.	Preethi S	230282601095	Completed NPTEL Course in Cloud computing	NPTEL	January-April 2024
74.	Preethi S	230282601095	Completed Front end development course in IBM Skill Build	IBM Skill Build	July, 2024
75.	Preethi S	230282601095	Front end development	AICTE	June- July 2024
76.	Sakthivel V	230282601104	Participated in International Level Student Workshop 2k24 on Data Science using Python	BSACIST & Brainovision	February, 2024
77.	Sakthivel V	230282601104	successfully completed the course programming in java	NPTEL	January – April 24
78.	T. A. Mohamed Zafran	230282601076	Successfully completing a online course (Data visualization with power bi)	Great Learning	July ,2023
79.	T. A. Mohamed Zafran	230282601076	Successfully completing a online course(UI/UX)	Great Learning	July, 2023
80.	T. A. Mohamed Zafran	230282601076	Completion of (Communicating with impact)	IBM Skill Build	June, 2024
81.	T. A. Mohamed Zafran	230282601076	Successfully completing a online course (Digital marketing)	Great Learning	January 2024
82.	T. A. Mohamed Zafran	230282601076	Completed internship in digital Marketing	SuperTyres	June – July 2024
83.	R. Kannan	231371601018	Secured Bronze Medal in Taekwondo	TN State Level Buck Tournament 2024, organized by YMCA College of Physical Education	July, 2024.
84.	Jaya Prasath P	231421601025	Ball Batminton, Secured 3 rd Place	YMCA Buck Sports Festival Tournament	August, 2023
85.	Jaya Prasath P	231421601025	Ball Batminton, Secured 3 rd Place	YMCA Buck Sports Festival Tournament	July, 2024

14. Professional Society Activities

S. No	Name of the Society	Type of activity	No. of Participants		Details of Guest speaker	Outcome
			Faculty	Student		
1	Computer Society of India	Seminar on “CRM Technologies”	20	100	Mr. G. Abhilsh Krishnan, Lead – Product Training, Lead Squared, Bengaluru.	Participants learnt the impact of CRM in the Modern Business Scenario

2	Computer Society of India	Symposium	40	150 (Other institutions)	Mr.Sudhir Menon, DGM, Airports Authority of India	Students from other institutions have participated in various events and won prizes.
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19. Any other academic relevant information

Placement Details

Students selected in the Campus Placement - MCA - 2024 batch

Sl. No.	Name of the Company	Type of Company	Annual Package	No. of Offers
1	ExcelR Edtech Pvt. Ltd.	IT	3.50 - 5.00	4
2	EEvolution Technology	IT	4.00	3
3	House of Originals	ITES	3.00	2
4	Avasoft	IT	5.00	1
5	Auction Software	IT	4.50	1
6	Technologies Global	IT	4.00	1
7	TCS (NQT)	IT	3.50	1
8	Movate	IT	3.00	1
9	PWC	IT	6.00	0
10	BNP Paribas India Solutions PvtLTd	IT	6.00	0
11	Acies Global	IT	4.50	0
12	CEI India Pvt Limited	IT	5.00	0
13	Tata Elexi	IT	3.50	0
14	TervPro	IT	4.50	0
15	Unlimited Innovations	IT	4.50	0
16	Tech Mahindra	Core	3.50	0
17	UST Global	IT	4.25	0
18	Star Health Insurance	Finace	3.00	0
19	Zoho Corp.	IT	4.60 - 5.60	0
20	Accenture	IT	5.00	0
21	Wiley Edge	IT	9.00	0
22	Hashedin by Deloittee	IT	8.10	0
23	MKS Vision	IT	4.00-5.00	0

Networking

Staff Name	Event Name / Programme Name	Department Name / Organization Name	Date
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Dr.K. Javubar Sathick & Dr A.AbdulAzeez Khan	Guest Lecture on "Numpy" by International Professor Dr.ZarahKodia	University of Tunis, Tunisia	22.08.2023
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20. Photographs with relevant captions for Important Activities

RECENT TRENDS IN AI- ONE DAY WORKSHOP



CYBERCREST 2K24

FACULTY ENRICHMENT PROGRAM HELD AT CTS



DEPARTMENT OF MATHEMATICS & ACTUARIAL SCIENCE

1. Conferences / FDP / Seminars / Workshops Organized by the department:

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1	ACTANT " 24	National Level Technical Symposium	18.03.2024	BSACIST	17	40	8	56
Details of Keynote Speakers: 1. Mr. Aamir Altaf, Senior Analyst, Risk Modeling Unit, Capital Modeling Chub Business Services, Bangalore.								
2	Real Life Applications of Mathematics and Actuarial Science	FDP	25.07.24 to 30.07.24	BSACIST	12	10	88	50
Details of Keynote Speakers: 1. Mr. R. Sathyanarayanan (Retd) Divisional Manager – Actuary, Life insurance Corporation of India, Chennai, Tamil Nadu, India. 2. Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics, Central University of Tamil Nadu, Thiruvaur, Tamil Nadu, India. 3. Dr. Bandaru Mallikarjuna, Assistant Professor, Department of Mathematics, BMS College of Engineering, Bangalore, Karnataka, India. 4. Dr. S. Devi Yamini, Assistant Professor, Vellore Institute of Technology, Chennai, Tamil Nadu, India. 5. Dr. Varun Mohan, Associate professor, Department of Mathematics, Sharda University, Greater Noida, UP, India.								

2. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1.	National Level Technical Symposium "ACTANT " 24	Rs 50,000/-	B. S. Abdur Rahman Crescent Institute of Science & Technology, Chennai
2.	FDP on Real Life Applications of Mathematics and Actuarial Science	Rs. 41,000/- (Rs. 36000 + Rs. 15000)	Rs. 36,000/- outside from registration and Rs. 15,000/- from B. S. Abdur Rahman Crescent Institute of Science & Technology, Chennai

3. Conferences / FDP / Seminars / Workshops Attended by faculty:

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1.	Dr. Sindhu J Kumaar	Mathematical foundation for AI, ML & Data science	FDP	11.06.2024 - 19.06.2024	SRM Institute of Science and Technology, Chennai
2.	Dr. R. Shenbagam	ICONIEA 2024	Conference	16.02.2024 - 18.02.2024	The Department of Industrial and Systems Engineering (ISE), IIT Kharagpur.
3.	Dr. R. Shenbagam	Outcome Based Education (OBE) with Hands – on Training	Workshop	1.08.2023 – 2.08.2023	B. S. Abdur Rahman Crescent Institute of Science and Technology
4.	Dr. R. Shenbagam	Exploring Real – world Applications in Mathematics	FDP	22.04.2024 - 26.04.2024	Vels Institute of Science, Technology and Advanced Studies
5.	Dr. T. R. Ramesh Rao	Exploring Innovations in Mathematical Modelling and its Applications	FDP	04.03.2024 - 09.03.2024	SRM Institute of Science and Technology, Tiruchirappalli
6.	Dr. T. R. Ramesh Rao	Mathematical foundation for AI, ML & Data science	FDP	11.06.2024 - 19.06.2024	SRM Institute of Science and Technology, Chennai
7.	Dr. A. Bernick Raj	Mastering E-Content Development	One Week Online National Faculty Development Programme	28.02.2024 – 7.03.2024	Centre for Distance and Online Education (CDOE), BSACIST
8.	Dr. A. Bernick Raj	Exploring Innovations in Mathematical Modelling and its Applications	One week Online International Faculty Development Programme	4.03.2024 - 9.03.2024	SRM Institute of Science and Technology, Tiruchirappalli
9.	Dr. A. Bernick Raj	Actuarial Insights: Shaping Social Security & Public Policy	ACTSUM '24-Heber International Conference	25.03.2024 - 26.03.2024	PG Department of Actuarial Science, Bishop Heber College (Autonomous), Tiruchirappalli
10.	Dr. A. Bernick Raj	Recent Developments in Statistics and its Applications in Data Science	5-day Online International Faculty Development Programme	27.03.2024 - 31.03.2024	Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai Campus
11.	Dr. A. Bernick Raj	Strategies for Publishing in High Impact Factor Journal	Webinar	17.04.2024	Office of Dean (Research) and CIR, BSACIST

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
12.	Dr. A. Sagaya Suganya	Computational Engineering	Conference	8.12.2023 - 9.12.2023	Saveetha Institute of Medical and Technical Sciences, Chennai
13.	Dr. A. Sagaya Suganya	Graph Theory with Python	Workshop	13.09.2023 - 14.09.2023	Indian Mathematics Professors Association and Infinity Research & Development Institute, Coimbatore.
14.	Dr. C. D. Nandakumar	International FDP on HT	FDP	11.03.2024 – 16.03.2024	Centre for Research & IQAC, St. Thomas of Arts and Science.
15.	Dr. C. D. Nandakumar	Strategies for Publishing in High Impact Journals	Seminar	17.04.2024	Office of Dean (Research) and CIR, BSACIST
16.	Dr. Pervaiz Iqbal	<i>Recent Advancement in Mathematical Sciences</i>	FDP	20.01.2024 - 18.02.2024	<i>Division of Mathematics, Sarala Birla University (SBU), Ranchi</i>
17.	Dr. Pervaiz Iqbal	<i>Mathematical Foundation for AI, ML & Data Science</i>	FDP	11.06.2024 - 19.06.2024	<i>Department of Mathematics, SRM Institute of Science and Technology, Vadapalani Campus, Chennai</i>
18.	Dr. Pervaiz Iqbal	<i>Actuarial Expertise in Insurance & Beyond</i>	National Workshop	5.05.2023	Department of Mathematics & Actuarial Science, BSACIST
19.	Dr. Pervaiz Iqbal	<i>AI Tools</i>	National Workshop	19.11.2023	be10x, online, India
20.	A. Saibulla	Cloud Infrastructure (AWS)	FDP	21.08.2023 – 25.08.2023	Department of CINTEL, SRM Institute of Science and Technology, KTR, Chennai
21.	A. Saibulla	Graph Theory with Python	Workshop	13.08.2023 - 14.08.2023	Indian Mathematics Professors Association
22.	A. Saibulla	HT.	FDP	11.03.2024 – 16.03.2024	ST. Thomas College of Arts and Science, Koyambedu.

4. Papers Published/ Presented in Journals & Conferences (Total Numbers Only)
(July 2023-June 2024):

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	2	8	-	-	14	8	32

5. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

d) SCI/Scopus Indexed Journal:

1. Beula, D. H. (2024). Sindhu J Kumaar An Analysis of Crop Insurance as an Adaptation Tool of Climate Vulnerability in Cauvery Delta Zone. Communications on Applied Nonlinear Analysis, 31(2s), 664-675.
2. D. Hebsiba Beula. (2024), Sindhu J Kumaar, Application of Blockchain Technology in Crop Reinsurance. Tec Empresarial, 19No.1(2024), 2587-2595.
3. D. Hebsiba Beula. (2024). Sindhu J Kumaar, Analysing The Performance Efficiency of the Crop Insurance Scheme – Pradhan Mantri Fazal Bima Yojana in Cauvery Delta Zone of Tamil Nadu: Two –Stage Closed DEA Approach. International Journal of Intelligent Systems and Applications in Engineering, 12(21s), 4382 – 4391
4. Pervaiz Iqbal, Syed Siddiqua Begum, “A study on impact of digital marketing and social media on purchasing decision of consumers”, International Journal of Membrane Science and Technology, Vol 10, No. 4, pp. 2330 – 2340, August 2023.
5. R. Shenbagam, and Y. Sarada “On a cost and availability analysis for software systems via phase-type non-homogeneous Poisson process”, Communications in Statistics – Theory and Methods, Vol.53 (13), pp. 4658 – 4679, 2024.
6. R Jayakumar, V.Kavitha, M. Mallikarjunan and T. R. Ramesh Rao ‘Existence Results for Impulsive Fractional Integro-Differential Equations through Conformable Derivatives in Banach Spaces’ Non linear Studies, Vol.30, No.2, pp.499-514, 2023.
7. Saibulla A, A. Bernick Raj, Sagaya Suganya A, M. G. Fajlul Kareem, “Total edge-cordial labeling of Koch Curve and koch snowflake graphs”, European Chemical Bulletin, 12 (6), 2023, 2733– 2740.
8. A. Velankanni, A. Bernick Raj and M. Sujasree, “Bistar and Comb related Odd Graceful Graphs”, AIP Conference Proceedings, 2850, pp.060006-1–060006-4; (May, 2024) <https://doi.org/10.1063/5.0208251>.
9. Lubna Shafi, Pervaiz Iqbal, Rubeena Khaliq, “Cancer Burden in India: A Statistical Analysis on Incidence Rates”, Indian Journal of Public Health, Vol. 67, No. 04, pp. 582-587, Dec. 2023.
10. Uttam Kumar Sharma, Varun Mohan, Pervaiz Iqbal and S. Sindhuja “Economic Order Quantity Model for Pareto distributed decaying products with Quadratic Demand and Salvage Value”, in International Journal of Mathematics in Operational Research, Vol. 27, No. 4, pp. 479-495, Jan. 2024.
11. Lubna Shafi, Shilpi Jain, Praveen Agarwal, Pervaiz Iqbal and Aadil Rashid Sheergojri “An Improved Fuzzy Time Series Forecasting Model Based on Hesitant Fuzzy Sets”, Journal of Fuzzy Extension and Applications, Vol. 5, No. 02, pp. 173-189, Jun. 2024.
12. A. Saibulla, P. Roushini Leely Pushpam, “On e-Super (a, d)-Edge Antimagic Total Labeling of Total Graphs of Paths and Cycles”, Communications in Combinatorics and Optimization, doi: [10.22049/CCO.2024.28592.1625](https://doi.org/10.22049/CCO.2024.28592.1625), 2024.
13. Julaiqa Begum K., Dr. Sindhu J Kumaar, “Hybrid Geno-Fuzzy Classifier for Breast Cancer Diagnostics”, Int J Intell Syst Appl Eng, vol. 12, no. 21s, pp. 4237 –, Jun. 2024.

14. Julaika Begum K., Dr. Sindhu J Kumaar, "Genetic Algorithm Based Fuzzy System Optimization for Breast Cancer Detection", Journal of Propulsion Technology, vol. 45, no. 3, pp. 233 – , Jun. 2024.

e) Other journals

1. Rajkamal, K Sambathkumar, M Venkatachalapathy, A Bernick Raj, "Synthesis and Characterization of some metals (Sn, Ni, Zn and Co) doped with cdo Nanoparticles by Co-Precipitation method for super capacitor applications", International Journal of Multidisciplinary Research and Growth Evaluation, 4(4), 2023, 903 – 913
2. agaya Suganya A, Saibulla A, "Pebbling in Goldberg Snark Graph", Eur. Chem. Bull., Vol 12 (6), pp 2752 – 2759, 2023.
3. agaya Suganya A, Saibulla A, "Total Edge-Cordial Labeling Of Koch Curve And Koch Snowflake Graphs", Eur. Chem. Bull., Vol 12 (6), pp 2733 – 2740, 2023.
4. . Leo, A. Bernick Raj, A. Velankanni, C. D. Nandakumar, Climate Risk Management in Insurance: Exploring the Relationship between Global Greenhouse Gas Emissions and Premium Pricing, International Journal of Intelligent Systems and Applications in Engineering, Vol. 12, No. 22S, 2024.
5. Kapil Raj, K., Srinivasan, S. and Nandakumar, C.D., Cost efficiency analysis of public sector general insurers by fuzzy DEA approach. OPSEARCH, 2024. Indexed in Scopus & WoS. (Q2 Journal)
6. Raj, K. Kapil, Srinivasan, S. and Nandakumar, C. D., Analysing the efficiency of Indian non-life insurers: A two-stage fuzzy closed system DEA approach, Journal of Information and Optimization Sciences, pp. 631 – 648, Vol. 45, Issue – 3, 2024, <https://doi.org/10.47974/JIOS-1318>. Indexed in WoS.
7. K. Kapil Raj, S. Srinivasan, C.D. Nandakumar, Efficiency analysis of reinsurers in India: a three stage fuzzy closed system DEA approach, OPSEARCH, pp. 1179 – 1201, Vol. 60, Issue 3, 2023, <https://doi.org/10.1007/s12597-023-00651-2>. Indexed in Scopus & WoS. (Q2 Journal).
8. P. Nithya, C.D. Nandakumar, and S. Srinivasan, Scrutinize the chronic illnesses that affect farmers in rural areas and work to cut their related expenses to these illnesses at the Recent Interdisciplinary Studies in Agriculture, Forestry and Allied Sciences, Indian Journal of Natural Science, Volume 14, Issue 80, Page no: 62460, 2023, ISSN: 0976-0997.

International Conference & National Conference:

b) Conference with ISBN Proceedings

1. Syed Siddiqua Begum and M. V. Jeyanthi, "A Mathematical Model to Analyse the agitation sedation cycle in palliative sedation therapy" in International Conference on Mathematics and its Applications (ICMA 2024), Sacred Heart College (Autonomous), Thirupattur – 635 601, Feb 2024, pp. 36-47.

2. Shenbagam, R, "On a cost analysis of extended warranty with imperfect repair using phase type quasi-renewal processes," Inter. Conf. on Indus. Eng. & Analytics (ICONIEA 2024), IIT Kharagpur, February 16 – 18, 2024.

c) Other Conferences

1. P. Poongothai, C. D. Nandakumar and R. Ponnusamy, Decision-Making for Electric Vehicle Selection Using AHP-MABAC-Fuzzy Integration, 2023 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI), Chennai, India, 2023, pp. 1-5. doi: 10.1109/ICDSAAI59313.2023.10452507.
2. P. Poongothai, C. D. Nandakumar and R. Ponnusamy, Analysis of Women's Stress using Fuzzy AHP, 2023 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI), Chennai, India, 2023, pp. 1-9. doi: 10.1109/ICDSAAI59313.2023.10452553.
3. P. Nithya, C.D. Nandakumar, and S. Srinivasan, Projection of chronic disease using machine algorithms at CICAMAMC-2023.
4. P. Nithya, C.D. Nandakumar, and S. Srinivasan, Based on the Impact of COVID in Life and Health Insurance, Evaluate Financial Performance Using Financial Ratios, International Conference on Data and Business Economics (ICDBE 2023), ISBN: 9788195079643, pp. 18, March 10-12, 2023.
5. P. Nithya, C.D. Nandakumar, and S. Srinivasan, Analysis of the life insurance business performance based on COVID by using machine learning algorithms at the 2nd International Conference on Machine Learning and Big Data Analytics, ICMLBDA 2023.
6. Lubna Shafi and Pervaiz Iqbal, "Application of Fuzzy Time Series Models for Predicting the future Cancer Burden in Uttar Pradesh, India", in Crescent International Conference on Applied Mathematics, Actuarial Science, Management and Computer Sciences [CICAMAMC – 2023], at BS Abdur Rahman Crescent Institute of Science & Technology, Chennai, Tamil Nadu, India, held on 11th Jan. 2023.
7. Sindhu J Kumaar, A survey on the effectiveness of crop insurance schemes in India, International Conference on Computational Mathematics and Engineering (ICCME-2K24), Pg.No 27 -41.
8. Aadil Rashid Sheergojri, Pervaiz Iqbal and Lubna Shafi, "A Short Survey on Various Mathematical Models used for Tumor Dynamics", in Crescent International Conference on Applied Mathematics, Actuarial Science, Management and Computer Sciences [CICAMAMC – 2023], at BS Abdur Rahman Crescent Institute of Science & Technology, Chennai, Tamil Nadu, India, held on 11th Jan. 2023.

6. Patents (Obtained / Applied): Obtained

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1	Dr. Syed Siddiqua Begum A German Utility Patent (Model Number: 20 2023 105 724) and Trademark Office 80297, IPC: G16H 50/80	A system for preparing a susceptible exposed infected vaccinated recovery (SEIVR) model for COVID-19 dynamics	-	Yes	November, 2023

2	Dr. M. V. Jeyanthi	A system for producing a SEIVR model covid dynamics	-	Yes	November, 2023
3	Dr T R Ramesh Rao Federal Republic of Germany Certificate About the registration of utility model no. 20 2023 105 724 IPC: G16H 50/80	A system for producing a SEIVR (Susceptible Exposed Infected Vaccinated Recovery) model for Covid dynamics	-	Yes	November, 2023

7. Details of Impact Factor of the Publication and H-Index of the department

- Range : 0 – 1.7
- Average : 0.625
- H-Index : 15
- No. In Scopus : 16

8. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.):

S. No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1.	Dr. M. V. Jeyanthi	Fuzzy logic, systems and applications	NPTEL	April ,2024
2.	Dr. R. Shenbagam	Introduction to Reliability Engineering	NPTEL AICTE	March, 2024
3.	Dr. R. Shenbagam	Applications of Transform Techniques in Engineering Mathematics	NITTTR Chennai	March, 2024
4.	Dr. A. Sagaya Suganya	Data Analytics Using IBM Cognos	IBM Certification under the title Smart Internz IBM Virtual Faculty Build- a- thon 2023	August, 2023
5.	Dr. A. Sagaya Suganya	Journey to Cloud: Envisioning your solution	IBM	August, 2023
6.	Dr. A. Sagaya Suganya	Getting Started with Enterprise Data Science	IBM	August, 2023
7.	Dr. Sindhu J Kumar	Introduction to Automata, Languages and Computation	NPTEL AICTE	NPTEL AICTE
8.	Dr. M. V. Jeyanthi	NPTEL	MOOC course	NPTEL AICTE

SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. Value Added Programmes Offered

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	Python - Python 3.4.3	January –June 2024	45	IIT Bombay	11	-	-
2	Git	January –June 2024	45	IIT Bombay	83	-	-
3	PERL	January –June 2024	45	IIT Bombay	83	-	-
4	R	January –June 2024	45	IIT Bombay	68	-	-
5	Arduino	January –June 2024	45	IIT Bombay	68	-	-
6	gedit Text Editor	January –June 2024	45	IIT Bombay	5	-	-
7	Git	January –June 2024	45	IIT Bombay	28	-	-
8	Animation Techniques Synfig	January –June 2024	45	IIT Bombay	28	-	-
9	Applications of GeoGebra	January –June 2024	45	IIT Bombay	83	-	-
10.	LaTeX	Juyl-December 2023	45	IIT Bombay	11	-	-
11.	Scilab	Juyl-December 2023	45	IIT Bombay	80	-	-
12.	Advanced Cpp	Juyl-December 2023	45	IIT Bombay	80	-	-
13.	eSim	Juyl-December 2023	45	IIT Bombay	37	-	-
14.	C and Cpp	Juyl-December 2023	45	IIT Bombay	34	-	-
15.	LaTeX	Juyl-December 2023	45	IIT Bombay	31	-	-
16.	Scilab	Juyl-December 2023	45	IIT Bombay	5	-	-

2. Training Programmes Offered

S. No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	Faculty Training Program on "Power quality analysis using WT1800E High-Performance Power Analyzer"	13.03.2024 (1 Day)	7 Hrs	Course fee- Nil Collaborating Agency-Premier Test-Cal Systems, Chennai	-	19	-

3. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Applications of Electrical and Electronics Engineering in Modern Life	Workshop	29.04.2024	-	-	-	-	50
Details of Keynote Speakers : (i) Dr.P.Abirami, Dr.R.Zahira , Dr. S.Jennathu Beevi								
2.	Industry Institute Interaction Meet	Industry meet	24.4.2024	-	-	-	20	-
Details of Keynote Speakers : Srinivas KNK,Business Head,Elmack Engineering services,Prakash Mahendran,Engineer R & D,General Electric. Prem prakash PV,Partner,Globe Engg. Services,Murugan A,Technical LeadMEga Solar Solutions,Mohamed Tajudeen,CTO,Muniah Tech, Naveed M,CEO, Synerheal Balakrishnan N,Manager,S&S power switchgear,Mohamed Aslam,GM,Ohm Energy,Vishnu Raam,CEO,C&V Technologies,Srivatsa S M,Project head,Solid Pro engg. Services,Prabu S,DGM,Switch mobility, Imadudeen VN,Technical lead,ZF,Vijesh J,Business head,Tias Energy,Tameem Saied,Director,FortranCirkuit,Vadivel,Executive,Carborundum,Sundaresan, Executive,Carborundum,Ravisundar S,Senior manager,HL Mando,Arunkumar E,Vice president,Retech lasers,Indhumathy B,Director,Bhaskara engg. Services,Devak Omprakasham,Project manager,Raptee energy,Karthikeyan A,Vice president,Raptee energy.								

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
3.	Exploring Data Science: Unveiling the Future of Problem Solving	Guest Lecture	2.05.2024	-	3	100	-	-

Details of Keynote Speaker:Mr. Dinesh Ramu, Brand Analytics Lead, AztraZeneca, Chennai								
4.	Model based development in Automotive Landscape	Guest Lecture	23.04.2024	-	2	50	-	-
Details of Keynote Speaker:Mr. Jesu Godwin, Co-Founder, HUGOLABZ, Chennai.								
5.	Scope of IEEE Membership For Students	Seminar	03.11.2023	-	4	49	-	-
Details of Keynote Speaker : Mr.M.Arun, Chairman, IEEE Madras Young professional & Vice Chairman, IEEE TEMS Society IEEE Madras Section and Faculty / ECE, Panimalar Engineering College, Chennai								
6.	Current Status and Future Prospects of GaN – HEMTs	Webinar	27.03.2024	-	4	50	16	14
Details of Keynote Speakers : Dr. Tanya Gachovska, Power Engineer at MDA Space, Montreal, Canada								
7.	Grid Modernization	Webinar	13.05.2024	-	4	30	30	27
Details of Keynote Speaker : Prof. John D. McDonald, the Founder & CEO of JDM Associates, LLC, hailing from Duluth, Georgia, United States.								
8.	Crack the code : Python Programming Essentials	On line Seminar	24.05.2024	-	-	-	-	18
Details of Keynote Speakers:Dr .P.Abirami, Dr. K R Shanmuga vadivu								
Details of Keynote Speakers:Dr.R.Zahira,Dr.K.SarmilaHar Beagam, Dr.V.Pramila								

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
9.	Fundamentals of Machines and Transducers in Wind Power Generation System	Guest Lecture	25.03.2024	-	-	-	-	85
Details of Keynote Speaker Mr. Prabhu Elangovan, Manufacturing Engineer, TPI Composites India, Chennai								
10.	Advancement in Power Converters for Renewable Energy Applications	Guest Lecture	22.03.2024	-	-	-	-	80
Details of Keynote Speaker:Dr. R. Ramaprabha, Associate Professor,Sri Sivasubramaniya Nadar College of Engineering								
11.	Power Electronics Applications to Power System	Guest Lecture	15.3.2024	-	-	60	-	-

Details of Keynote Speaker:Dr.K.Ragavan, Associate Professor/EEE, IIT Gandhi Nagar								
12.	Power Quality analysis using WT1800E high performance power analyzer	FTP	13.3.2024	-	-	20	-	-
Details of Keynote Speaker:Mr. Shafi Mohamed Khan								
13.	Careers in Management	Guest Lecture	03.04.2024	-	-	44	-	-
Details of Keynote Speaker:Mr Varun Krishnan, Founder ,GradSquare India ,Director – Academics								
14.	Outcome Based Education	Workshop	9.3.2024`	-	40	-	-	-
Details of Keynote Speaker:Dr.S.Arunmozhi.S, Prof & Head / ECE, Manakula Vinayagar Institute of Technology								

4. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	Industry Visit	4	A	45	Dr S Jennathu Beevi, Dr R Jayashree, Dr K Sarmila Har Beagum	NCTPS	21.2.2024
Outcome of the Visit: The students visited the various subdivisions of the generated power which is distributed to various loads. The students also observed circuit breakers, Isolators and switchgears. Every aspect was thoroughly elucidated. The visit facilitated a solid recollection of the concepts studied in the theory course. The students were given the information about the control of the total power plant.							
2.	Industry Visit	4	A	37	Dr. R. Zahira & Dr. R. Hannah Lalitha	Maraimalai Nagar Sub Station	28.02.2024
Outcome of the Visit: The students gained knowledge through the practical demonstration of transformer operation, feeder functionality and control equipment usage. The visit provided valuable insights into career opportunities in the electrical field and power electronics.							
3.	Industry Visit	3	A	80	Dr.P.Elangovan & Dr.S.Priya	OHM Energy Management System PVT Ltd,	07.11.2023
Outcome of the Visit: The students gained practical insights into electrical fundamentals during their industry visit to OHM Energy Management System PVT Ltd. They enhanced their understanding of electromagnetic field concepts and electrical machines. The hands-on exposure complemented their theoretical knowledge, bridging the gap between classroom learning and real-world applications. This experience is expected to positively influence their future academic and professional pursuits.							

4	Industry Visit	VII (UG) & I (PG)	A	33	Dr.S. Jennathu Beevi & Dr.S. Priya	M/s S&S Power Switchgear Limited Plot No:14,CMDA Industrial Area-II, Chithamanur Village, Maraimalai Nagar	09.11.2023
Outcome of the Visit: The industrial visit provided valuable insights into the meticulous design aspects and operating procedures involved in the disconnectors and drive box. .							

5. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1	Guest Lecture - Exploring Data Science: Unveiling the Future of Problem Solving	-	Institution
2	Guest Lecture - Fundamentals of Machines and Transducers for Wind Power Generation System	Rs.3000	Institution
3	Industry Institute Interaction Meet	Rs.33000	Institution
4	Project Expo 2024	Rs.5000	Institution
5	Guest Lecture on Power Electronics Applications to Power System	Rs.4000	Institution
6	Workshop on Applications of Electrical and Electronics Engineering in Modern Life	Rs.1000	Institution
7	Model based development in Automotive Landscape	Rs.4000	Institution
8	Guest Lecture on Hydrogen - Zero Carbon Fuel: Production and Startups	Rs.3000	Institution
9	Guest Lecture on Advancement in Power Converters for Renewable Energy Applications.	Rs.4000	Institution
10	Guest Lecture on Advancement in Semiconductor Engineering	-	Institution
11	Guest Lecture on Opportunities in Higher Education and CAT Exam Preparation Careers in Management.	-	Institution
12	Guest Lecture on Careers Advancement	-	Institution

6. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1.	Dr.S.Priya	Sustainable Plastics	National Seminar	26.7.2024	Centre for Environmental Studies,CEG, Anna University,

2.	Dr. S. Suresh	Unmanned Aerial Vehicle/Drones for Defense	Symposium	24.7.2024	Directorate General Of Quality Assurance, Ministry of Defense, CASR, and MIT, Anna University
3.	Dr. K. R. Shanmuga Vadivu Dr. P. Abirami	IOT Enabled Embedded System	FDP	22.07.2024 to 26.07.2024	NITTR
4.	Dr.R.Durga Devi	Emerging Trends In Advance Power Engineering Applications	FDP	22.07.2024 to 26.07.2024	Paavai Engineering College
5.	Dr. K. R. Shanmuga Vadivu	Teaching Learning Process, Research and Professional Development in Higher Education	FDP	08.07.2024 to 13.07.2024	BSACIST
	Dr. P. Abirami				
	Dr. R. Hannah Lalitha				
	Dr.S.Priya				
	Dr.P.Elangovan				
	Dr. R.Durga Devi				
	Dr.P.Chandra Babu Naidu				
	Dr.Divya Vijay				
	Dr.S.Syed Muzafar Ahmed				
6.	Dr.S.Priya	Functional Materials and Devices	Short-Term Programme	1.7.2024 to 6.7. 2024	Malaviya Mission Teacher Training Center at the Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram
7.	Dr.S.Priya	Future Trends in Power Electronics	Webinar	26.6.2024	IEEE Madras Section
8.	Dr. K. Shafeeque Ahmed	Power Quality and Energy Audit for Sustainable Development on Energy and Economic Growth	FDP	24.06.2024 to 28.06.2024	K.L.N.College of Engineering

9.	Dr S Jennathu Beevi	Generative AI boosts Interactive learning	Webinar	24.05.2024	Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore Centre of Excellence In Simulation And Gaming
10.	Dr. R.Durga Devi	Recent Trends and Technologies in Smart Farming	Webinar	23.05.2024	CDOE, BSACIST
11.	Dr .S Jennathu Beevi	Igen Energathon 2024 Session~05(T1:C op29, T2:Un Energy & T3:Earthday 2024)	Energathon	18.5.2024	IGEN , The Institution of Green Engineers
12.	Dr. Bharanigha V	IGEN ENERGATHON 2024	Conference	18.05.2024	IGEN
	Dr.R.Durga Devi				
	Dr.Divya Vijay				
	Dr. S. Suresh				
13.	Dr. R. Zahira	Witness Sixth Pre - Conference of IGEN ENERGATHON 2024	Pre - Conference	15.5.2024	IGEN
14.	Dr.K.Sarmila Har Beagam	Data science	FDP	8.5.24 to 28.5.24	Pantech
15.	Dr P. Abirami	“Advanced Research Methodology”	FDP	26.04.2024 to 09.05.2024	Teaching Learning Centre Ramanujan College, University of Delhi.
16.	Dr. K. R. Shanmuga Vadivu				
17.	Dr. R. Hannah Lalitha				
18.	Dr. R. Zahira	Organized the Pre-Conference 01, on the Topic : Leveraging Energy Action For Advancing The 17 Sustainable Development Goals	Pre-Conference 01	20.4.2024, 7:00PM (IST)	IGEN
19.	Dr.Divya Vijay	Practical Aspects of ICT Tools and Online Teaching in Current Scenario	FDP	16.04.2024 to 24.04.2024	Research Foundation of India

20.	Dr.S.Priya	Strategies for publishing in High Impact factor Journals	Webinar	17.4.2024	CIR & BSACIST
21.	Dr.S.Priya	Practical Aspects of ICT Tools & Online Teaching in Current Scenario	FDP	16.4.2024 to 24.4 2024	World Innovators University, Research Foundation of India
22.	Dr Bharanigha V	To get patent rights in India using emerging area of academics and research in the current situation	FDP	27.3.2024 to 28.3.2024	SKP Engineering College
23.	Dr.P.Chandra Babu Naidu	"Current Status and Future Prospects of GaN - HEMTs	Webinar	27 .03.2024	BSARCIST IEEE Student Branch
	Dr.S.Syed Muzafar Ahmed				
	Dr. Bharanigha V				
24.	Dr.K.Sarmila Har Beagam	Python	FDP	19.03.2024 to 25.03.2024.	Star International Foundation for Research and Education
25.	Dr.P.Chandra Babu Naidu	National Education Policy (NEP) Orientation and Sensitization	FDP	18.03.2024 to 26.03.2024	UGC-Malaviya Mission Teacher Training Centre University of Hyderabad
	Dr.Divya Vijay				
	Dr.R.Durga Devi				
	Dr.S.Syed Muzafar Ahmed				
	Dr.P.Elangovan				
26.	Dr Bharanigha V	Navigating emerging trends and global industrial advancements	Webinar	18.3.2024 to 23.3.2024	Rajalakshmi Institute of Technology
27.	Dr.P.Chandra Babu Naidu	AI Applications in Micro Grid	webinar	16.03.2024	Dayananda Sagar College of Engineering
28.	Dr.S.Priya	Electric Vehicles: A charging Infrastructure Design	FDP	11.3.2024 to 16.3. 2024	Annant Gyan Knowledge and Skills Private Limited
29.	Dr. S. Suresh	Generative AI	FDP	04.03.2024 to 09.03.2024	D Y Patil College of Engg, Pune with Pantech E Learning
	Dr. Bharanigha V				
	Dr. K. Shafeeqe Ahmed				
30.	Dr. R. Zahira	Outcome Based Education	Workshop	09.03.2024	BSACIST
	Dr. S. Suresh				
	Dr. Bharanigha V				
	Dr. K.R. Shanmuga Vadivu				
	Dr. P. Abirami				

	Dr. R. Hannah Lalitha				
	Dr.S.Priya				
	Dr.P.Elangovan				
	Dr.R.Durga Devi				
	Dr.S.Syed Muzafar Ahmed				
	Dr.Divya Vijay				
31.	Dr.R.Durga Devi	Mastering E-Content Development	FDP	28.02.2024 to 07.03.2024	CDOE, BSACIST
	Dr.Divya Vijay				
32.	Dr.S.Syed Muzafar Ahmed	Millennium Generation Psychology & Teacher's Well-being	FDP	19.02.2024 to 24.02.2024	(IQAC) & PG Dept of AP in collaboration with Anugraha, Institute for Counselling, Psychotherapy, and Research.
33.	Dr.K.Sarmila Har Beagam	Cluster	FDP	21.2.2024 to 27.2.2024	Ayya nadar Janaki ammal College, Sivakasi, UGC grant
34.	Dr.P.Elangovan	Design of Power Electronic Converters	FDP	19.02.2024 to 12.04.2024	NPTEL-AICTE
35.	Dr.P.Elangovan & Dr.P.Chandra Babu Naidu	Advanced Technologies in Electrical Engineering	FDP	13.02.2024 to 17.02.2024	SSN College of Engineering
36.	Dr S Jennathu Beevi	Unleash the potential of AI for research	Capacity Building Programme	22.1.2024 to 26.1.2024	IQAC, Kongu Arts and Science College, Erode & Patrician College of Arts and Science, Chennai
37.	Dr.P.Elangovan	Effective Engineering Teaching In Practice	FDP	22.01.2024 to 16.02.2024	NPTEL-AICTE
38.	Dr.S.Priya	Green Fuel and Electric Vehicle Technologies (GET-24)	workshop	22.1.2024 to 26.1.2024	Vellore Institute of Technology (VIT), Vellore and Asian Institute of Technology (AIT), Thailand
39.	Dr. P. Abirami	Outcome Based Education	Workshop	09.01.2024	BSACIST
40.	Dr.R.Durga Devi	Future Trends and Advances in Electrical Engineering	FDP	01.01.2024 to 05.01.2024	Annasaheb Dange College of Engineering & Technology, Ashta
41.	Dr.R.Durga Devi	Smart Grid: Basics to Advanced Technologies	FDP	JAN-APR, 2024	NPTEL-AICTE

42.	Dr. R. Zahira	Completed an 12 week NPTEL course "SMART GRID: BASICS TO ADVANCED TECHNOLOGIES" with Elite + Silver Certification	FDP	January 2024 to April 2024.	NPTEL
43.	Dr Bharanigha V	Productivity and Sustainability - Knowledge ang Skill paradigms	Conference	28.12.2023	Dr.MGR Educational & Research Institute
44.	Dr.S.Priya	Exploring Solar Power: Panel discussion on O&M from Fault Location to PV Cables	Webinar	21.11.2023	Megger Asia
45.	Dr.S.Priya	Question paper setting and Evaluation for OBE	Workshop	6.11.2023	BSARCIS&T, in association with (NITTTR)
46.	Dr S <u>Jennathu Beevi</u>	"Advanced Pedagogical Techniques"	FDP	31 .10.2023 to 06.11.2023	Teaching Learning Centre, Ramanujan College, University of Delhi.
47.	Dr.S.Priya	Applications of Artificial intelligence in Electrical and Electronics Engineering	Professional Development Programme	16.10.2023 to 20.10.2023	(NITTTR), Chennai
48.	Dr Bharanigha V	Electric Vehicle	Training Programme	08.08.2023	BSACIST
49.	Dr. R. Hannah Lalitha	Advanced Embedded Systems	FDP	21.08.2023 to 25.08.2023	NITTR Chandigarh
	Dr P. Abirami				
	Dr. K. R. Shanmuga Vadivu				
50.	Dr. R. Hannah Lalitha	Role of Electric Vehicles in Shaping Sustainable Transportation Systems	FDP	03.07.2023 to 08.07.2023	Sathyabama Institute of Science and Technology
	Dr P. Abirami				
	Dr. K. R. Shanmuga Vadivu				
51.	Dr.S.Priya	Recent Advances in Control and Instrumentation Design Techniques of Robotic Systems	Workshop	27.10.2023 to 31.10.2023	National Institute of Technology, (NIT) Tiruchirappalli, India
52.		Microgrid System Design & Simulation using HOMER Pro & HOMER Grid Software	FDP	20.9.2023	HOMER Energy by UL, USA in association with M/s DELLSOFT Technologies Pvt. Ltd. New Delhi

53.		Power System Design & Analysis using DIgSILENT Power Factory Software	FDP	25.9.2023	DIgSILENT GmbH, Germany
54.	Dr. R. Zahira	Generative AI	FDP	04.03.2024 to 09.03.2024	D Y Patil College of Engineering, Pune with Pantech E Learning
55.		"Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)"	Online Mode Short Term Course and Faculty Development Programme	24th January 2024 to 28th January 2024.	Organized by National Institute of Technology Rourkela, Department of Computer Science and Engineering, and Electrical Engineering
56.		"Navigating Emerging Trends and Global Industrial Advancements in the field of Mechanical Engineering f	6 days International Webinar	18.03.2024to 23.03.2024	Rajalakshmi Institute of Technology, Chennai
57.		cop 2030 youth ministry virtual conference	virtual conference	06.01.2024 to 17.02.2024	ED-U-GATE GLOBAL, GSFN, IGEN Global, International Internship University and R & D Creativity had launched COP 2030 YOUTH MINISTRY – An Exclusive Virtual Parliament.
58.		Organised and attended IGEN ENERGATHON 2024	25 Hrs MARATHON	18.05.2024to 19.05.2024	IGEN
59.		BoS member	Third BoS meeting	31.01.24	Prince Shri Venkateshwara Padmavathy Engineering College, Chennai

7. Papers Published/ Presented in Journals & Conferences (Total Numbers Only)
(July 2023 -June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
3	-	10	6	-	-	16	-	35

8. Details (list) of Publication in National & International Journals & Conferences:

(IEEE Format)

International Journal & National Journal

a) SCI/Scopus Indexed Journal

1. R.Nafeena Abdul Munaf , S. Jennathu Beevi, K. Sarmila Har Beagam, M. Bakkiyaraj, V.Shanmugasundaram, "Optimal design of Power System Stabilizer and Thyristor Controlled Series Compensator-based controllers using Genetic Algorithm" , International Journal of Intelligent Systems And Applications In Engineering, IJISAE, 2024, 12(3), 3505–3514. Hemalatha, B., G. Shyamala, M. D. Babu, and V. Pramila. "Technical Feasibility of Water Treatment Plant Sludge with Nano Silica as Concrete Paver Block." NanoWorld J 10, No. S1 (2024): S301-S306.
2. Sunkavalli, R.Hannah Lalitha, R.Reena devi, M. Divya, K.Sreeramamurthy, "Ontology based Multi Agent system on Fuzzy Markup language in healthy Lifestyle", "International Journal of Intelligent Systems and Applications in Engineering , March 2024, Volume 12 (21s), 1-10.
3. K. E. Lakshmiprabha, U. Arun Kumar, Pankaj Pathak and P. Elangovan, "Efficiency and economic assessment of wind turbine-powered pumped hydro-compressed air storage coupled with alkaline fuel cell using hybrid approach", Clean Technologies and Environmental Policy , pp. 1-18, <https://doi.org/10.1007/s10098-024-02869-0>, May 2024. (ISSN: 1618-954X)
4. P.Elangovan and Nalin Kant Mohanty, "An Adaptive Grid-Tied Inverter Control Scheme for Power Quality Enrichment in Photovoltaic System", Iranian Journal of Science and Technology, Transactions of Electrical Engineering , Volume 48, No.1, pp. 303-315, <https://doi.org/10.1007/s40998-023-00667-w>, March 2024. (ISSN: 2228-6179)
5. R.Ganapathi, R.Jayashree and T.Harinarayana "Computational Fluid Dynamic Analysis for Wind Turbine Tunnel on Train" International Journal of Vehicle Structures & Systems , 16(2),101-104,2024
6. Abdul Quawi, Y. Mohamed Shuaib, M. Manikandan "Fault Event Classification And Power Quality Improvement In Hybrid Power Distribution System", International Journal of Power Electronics And Drives System, Vol. 15, No. 3, September 2024, pp. 1851–1870.
7. G Indira, M Bhavani, R Brinda, R Zahira, "Electricity Load Demand Prediction for Microgrid Energy Management System Using Hybrid Adaptive Barnacle-Mating Optimizer with Artificial Neural Network Algorithm" Energy Technology, 2024, 2301091, ISSN: 2194-4288 (print)
8. D. Lakshmi , T. Sasilatha , G. Ezhilarasi , R. Zahira , Jeyagopi Raman, "Design of hybrid DE-FPA for load frequency In deregulated power system" Journal of Engineering Science and Technology Special Issue on ICIT2022 Vol. 19, No. 2 (2024) PP: 118 - 127 © School of Engineering, Taylor's University.SSN/eISSN:1823-4690.
9. C.Srivenkateswaran , K. Regin Bose , Belwin J.Brearley and D.C. Jullie Josephine " Enhancing the Medical Images Quality using Adaptive Genetic Algorithm ", ICTACT Journal on Image and Video Processing, February 2024, Volume 14, Issue 03, pp. 3222 – 3230.
10. Belwin J. Brearley , Afrose , K. Regin Bose "Sowing the Seeds of Change: Harnessing Artificial Intelligence for Sustainable Agriculture" Tuijin Jishu/Journal of Propulsion Technology ISSN: 1001-4055 Vol. 45, No. 2, 2024, pp.4681-4691.
11. Sundar Raj A, Paruchuri Chandra Babu Naidu, S. Sivakumar and Senthil L, "Hybrid Attention Residual Deep Convolution Learning Network for BioMedical Image Analysis" Paper is Accepted and pre-pressed in Journal of Intelligent & Fuzzy Systems, 2024. DOI:10.3233/JIFS-241512.
12. G Thirugnanam, Jennathu Beevi Sahul Hameed, B Bharathidasan, "A secure fractional-order polar harmonic transforms based image watermarking scheme using funk singular value decomposition", Journal of Intelligent & Fuzzy Systems, IOS press , pp. 1-23, 2023, 26 July 2023.
13. Jennathu Beevi, A. Mahabuba, and R. Jayashree. "A Novel LA-MFO Technique based Vehicle to Grid Control Mechanism for Automatic Generation Control in Deregulated Power System." International Journal of Intelligent Systems and Applications in Engineering 11.2 (2023): 772-783.
14. K.Sarmila Har Beagam, Velmurugan,"Simulation Studies of Energy Management System for Solar Powered Electric Vehicle with Regenerative Braking System in BLDC Motor", International Journal of Vehicle Structures & Systems ,Vol.15, Issue 4, Pp: 576-583, December 2023,doi: 10.4273/ijvss.15.4.24.

International Conference & National Conference:

a) Conference with ISBN Proceedings

1. P.Elangovan, R.Jayashree, S.Sumayathul Haire and S.Ayesha Sithika, "Implementing a Bidirectional Dc-Dc Converter For Electric Vehicles With Separately Excited Dc Motors", in the Seventh National Conference on Electrical Power and Energy Systems (EPES-2024) held at Kongunadu College of Engineering And Technology, Namakkal on 23rd March 2024. (ISBN: 978-81-951299-7-3)

2. R.Jayashree, P.Elangovan, Gayathri Shankar and Sameeha Nudhar Abuthahir, "Incorporation Of Sliding Mode Current Control In Bidirectional Dc-Dc Converters Of Electric Vehicle", in the Seventh National Conference on Electrical Power and Energy Systems (EPES-2024) held at Kongunadu College of Engineering And Technology, Namakkal on 23rd March 2024. (ISBN: 978-81-951299-7-3).
3. Vinith Kumar, Dr.R.Jayashree, NaveenVijay, Ramasubramanian.V "Neuromorphic ANN for ECG abnormality detection" Proceedings of the International Conference on Emerging trends in electrical machines, Power and Energy systems 2024.(ISBN 978-81-966869-9-4).
4. Dr.Y.Mohamed Shuaib and Abdul Khader Shaik," Modeling of 5-Level Buck-Boost (5LBB) Inverter for Single-Phase Application" Presented in 4th International Conference on Recent Trends in Power systems and Power Electronics during 05 , 06 Apr 2024
5. Mohana Balajee, Anandha Krishnan, SalaiganaDeepan, Mohamed Firnaz, Jennathu Beevi, "Fuzzy Logic Controlled Solar Fed Multilevel Inverter For Pumping Applications" International Conference on Emerging Trends in Electrical Machines, Power and Energy Systems (EMPOWER 2024) organized by Department of EEE, SRM IST, Ramapuram , Chennai on 26.04.2024 and 27.04.2024.
6. Ganesh Kumar, Belwin J.Brearley, Suhail Ahamed, Sudhakaran, " High Performance 8 bit microcontroller with enhanced machine cycles" Proceedings of the International conference on Emerging Trends in Electrical Machines, Power and Energy Systems (EMPOWER 2024), organised by SRM,Ramapuram, Chennai, during 26-27, April 2024.
7. Dr.S Suresh, Subiya Mehek S, Adiba Muskan A and Daniya Mehak I, "Designing a Simulation Analysis for PV based Three Stage Interleaved Boost Converter for EV", in the Seventh National Conference on Electrical Power and Energy Systems (EPES-2024) held at Kongunadu College of Engineering And Technology, Namakkal on 23rd March 2024. (ISBN: 978-81-951299-7-3)
8. Dr.S Suresh,"Bi directional Dc-Dc converter for EV charging application using PV panel", in 4th ACE international conference on applied science, engineering, technology and Management (AICASSETM'24) organized by Alpha College of Engineering on MAY 3, 2024.(BEST PAPER AWARD)
9. Mageshkumar K, Abdul Gafur R, Arul Jothi A, Dr. V. Pramila ,"Smart Power Factor Correction System For Non Linear Load With Real And Reactive Power Estimation", Proceedings of the Intl. Conf. on Emerging Trends in Electrical Machines, Power and Energy Systems, 2024.
10. P. Abirami, K. R. Shanmuga Vadivu and R. Hannah Lalitha, "SMO Optimized Shunt Active Filter to Mitigate harmonics in DN", International Conference on Research and Development in Engineering, Science and Technology (RADEST 2024) , organized by Department of EEE, Mohammed Sathak A J college of engineering, Chennai on 24.05.2024.
11. Fazil A, Vasanthakumaran, Mohamed Mydeen K, Mohamed Ali M and Dr.P.Abirami presented a paper titled "Intelligent urban systems adopting solutions for power theft detection and Earth fault mitigation" Abdul Khader Shaik," Modeling of 5-Level Buck-Boost (5LBB) Inverter for Single-Phase Application" Presented in the International Conference on Emerging Trends in Electrical Machines, Power and Energy Systems during 26th and 27th April 2024.
12. D. Thamarai Selvan, R. Giri Kesav Kalpnath, R. Aravindhan, J. Balaji, R. Hannah Lalitha, " Aduino Based Speed, Direction and braking control of Single Phase Induction motor", International Conference on Research and Development in Engineering, Science and Technology (RADEST 2024) , organized by Department of EEE, Mohammed Sathak A J college of Engineering , Chennai on 24.05.2024.
13. Md Sabiq, Ishaq Mudassir, R.Hannah Lalitha , " Gyroscopic based supporting system and health appliance control for paralyzed patient", 4 th International Conference on Applied Science, Engineering, Technology and Management, organized by Department of EEE, Alpha college of Engineering , Chennai on 03.05.2024.

14. Syed Muzafar Ahmed S, Mohamed Shabith S S, Kithuru Mohamed WS, Mohamed Saud A, Sakil Parvesh R "ANN Controller for High Gain High Efficiency DC - DC Boost Converter" Proceedings of the International conference on Emerging Trends in Electrical Machines, Power and Energy Systems (EMPOWER 2024), during 26-27, April 2024.
15. Paruchuri.Chandra Babu Naidu, M.Sravani and Polamraju V.S. Sobhan "Unification of DC-DC converters to obtain Single-input Dual-Output for EVs," paper accepted and Pre-press in the 2024 IEEE International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST 2024), March 15-16, 2024, India, [Scopus Indexed].
16. V. Pramila, Naveen Kumar Elangovan , D.Lakshmi , "Electrifying Agriculture: Smart Farming with IoT and Electronic Innovations for Enhanced Efficiency", Proceeding of the Intl. Conf. on Charting the Future of Maritime Excellence, 2024.
17. P. Abirami, K. R. Shanmuga Vadivu and R. Hannah Lalitha, "SMO Optimized Shunt Active Filter to Mitigate harmonics in DN", International Conference on Research and Development in Engineering, Science and Technology (RADEST 2024) , organized by Department of EEE, Mohammed Sathak A J college of engineering, Chennai on 24.05.2024.
18. K. R. Shanmuga Vadivu, P. Abirami, and A. Anbazhagan, "Design Consideration of a High Efficiency Full Bridge Single Stage Converter with Improved Output", International Conference on Research and Development in Engineering, Science and Technology (RADEST 2024) , organized by Department of EEE, Mohammed Sathak A J college of engineering, Chennai on 24.05.2024.
19. P.Elangovan, A. Ganesan, R. Jayashree & S. Suresh, "High Efficient Electric Bicycle with Portable Renewable Energy Storage System", in the 3rd International Conference on Signal and Data Processing (ICSDP), 2023 held at VIT Bhopal University, Kothri-Kalan, Sehore, Madhya Pradesh – 466114, India, during November 3 and 4, 2023.

9. Book(s) Published

S. No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country & Month of publication	Availability status
			Rs	\$		
1	Dr S Jennathu Beevi	Artificial Intelligence in Solar Energy Technology	350	-	Cosmas Scientific Publications, India December 2023 ISBN:978-93-6096-939-4	Amazon, Flipkart
2	Dr.P. Elangovan	Futuristic Trends in Electrical Engineering / Super-Lift Boost Converter Evaluation and Modelling	Open Access	-	IIP Series, Volume 3, Book 1 , Part 3 ,Chapter 2, 2024, e-ISBN: 978-93-6252-001-2.	https://www.iipse.org/viewpaper.php?pid=1697&pt=super-lift-boost-converter-evaluation-and-modelling
3	Y.Mohamed Shuaib, V. Bharanigha, R. Ranjith Kumar, S. Suresh	Fault And Condition Monitoring Of Three Phase Induction Drive Based On Internet Of Things	-	-	Futuristic Trends in IOT Volume 3 Book 4, IIP Series, Volume 3, May, 2024, Page no.72-83, e-ISBN: 978-93-6252-596-3	https://www.iipse.org/view-pub-book.php?bookid=77&bookname=futuristic-trends-in-iot-volume-3-book-6
4	Paruchuri.Chandra Babu Naidu, M.Sravani and Polamraju V.S.	Analysis and Improvement of PV System Efficiency Using Dual Axis Solar	-	-	Springer Book Series, Lecture Notes in Electrical Engineering (LNEE)	In press

S. No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country & Month of publication	Availability status
			Rs	\$		
	Sobhan	Tracker with Arduino Uno.				
5	Paruchuri.Chandra Babu Naidu, R.Jayashree, S.Rajasekaran and J.N.Swaminathan	Comparison of PV System Performance with DAST System Using MPPT Algorithms	-	-	Springer Book Series, Lecture Notes in Networks and Systems (LNNS)	In press
6	Paruchuri.Chandra Babu Naidu, J.N.Swaminathan, M.Rajendiran and and M.Sravani	Smart Device with Arduino Controller for Home Inverter	-	-	Springer Book Series, Lecture Notes in Networks and Systems (LNNS)	In press
7	K.Sarmila Har Beagam, S. Lekashri , Bharanigha V , S. Dhananjeyan	Wireless Sensor Interfaced Health Monitoring IoT Robot System	-	-	Futuristic Trends in IOT Volume 3 Book 4, IIP Series, Volume 3, May, 2024, Page no.72-83, e-ISBN: 978-93-6252-596-3	https://www.iipseries.org/view-public-book.php?bookid=77&bookname=futuristic-trends-in-iot-volume-3-book-6
8	Dr.S Suresh, Dr.R Zahira, Dr.Shafeeque Ahamed	Solar PV integration into bulk power systems	-	360	Power Systems Operation with 100% Renewable Energy Sources, Elsevier, ISBN 978-0-443-15578-9, DOI https://doi.org/10.1016/C2022-0-01744-X , Pages 23-33, 2024	https://shop.elsevier.com/books/power-systems-operation-with-100-renewable-energy-sources/padmanaban/978-0-443-15578-9
9	D Lakshmi, CN Ravi, R Zahira, Sivaraman Palanisamy, Sharmeela Chenniappan	Introduction to renewable energy sources and bulk power system	-	360	Power Systems Operation with 100% Renewable Energy Sources, Elsevier, ISBN 978-0-443-15578-9, DOI https://doi.org/10.1016/C2022-0-01744-X Pages 1-13, 2024	https://shop.elsevier.com/books/power-systems-operation-with-100-renewable-energy-sources/padmanaban/978-0-443-15578-9
10	Dr. R. Zahira	Revolutions in the field of electronics and Communications	--	-	ESN publications	https://drive.google.com/file/d/1tSDpdUsmvopJRkmVauelt5V_RkL0Lv1/view?usp=drive_link

10. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1	Dr. S. Jennathu Beevi	AI based Intrusion Detecting Device for Agricultural Field 398633-001	-	-	04.01.2024

2	Dr. S. Jennathu Beevi	AI based Driver Drowsiness Detecting Device 408746-001	-	-	02.04.2024
3	Dr .S. Jennathu Beevi	AI based Photovoltaic Cell Testing Device	14.06.2024	-	-
4	Dr. V. Pramila	Pulse oximeter	-	-	10.01.2024
5	Dr Bharanigha V	Self-Healing Power Distribution Network with Fault Detection and Correction	07.09.2023	06.10.2023	-
6	Dr. K. R. Shanmuga Vadivu	Mpmt Based Zeta Converter for Solar Assisted Agricultural Farm Irrigation with AI based Control Approach	14.12.2023	-	-
7	Dr. P. Abirami	SNN Controlled UPFC for Power Quality Improvement in a Distribution Network	-	08.09.2023	-
8	Dr S Suresh	Self-Healing Power Distribution Network With Fault Detection and Correction	07.09.2023	06.10.2023	-
9	Dr R Zahira	A System for Safe Electric Pole Usage 202341034275	16.05.2024	-	-
10	Dr.K.Sarmila Har Beagam	FPGA Interfaced Pollution Monitoring System With IOT	15.06.2024	28.06.2024	-

11. Details of Impact Factor of the Publication and H-Index of the department

Range : 0-6
Average : 2.68
H Index : 20
number in scope :15

12. Sponsored Research (Ongoing / Granted)

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned	Current Status
1	Dr R.Hannah Lalitha	Seed Money Project, BSACIST	AI based Monitoring and Control of Photo Voltaic system	Rs. 40,000/-	Granted
2	Dr.R.Durga Devi	Seed Money Project BSACIST	Novel Mppt Controller For Module Level Decentralized Standalone Spv System	Rs.35000	Ongoing
3	Dr. Divya Vijay	Seed Money Project BSACIST	Solar Powered Smart Aquaponic Farm	Rs. 40,000/-	Granted

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned	Current Status
4	Dr. P. Abirami	Seed Project Money BSACIST	High-Efficiency Solar-Powered Isolated HV DC-DC Converter with Advanced Semiconductors for EV Charging	Rs. 50,000/-	Granted
5	Dr.Belwin J. Brearley	Seed Project Money BSACIST	Secure communication in smart energy meter using Digital Signature algorithm	Rs. 20,000	Granted
6	K.Sarmila Har Beagam	Seed Project Money BSACIST	IoT based Battery Management System for Electric Vehicle Applications	Rs. 40, 500	Granted
7	Dr.S.Priya	Seed Project Money BSACIST	Investigation on graphene and carbon fabric-reinforced epoxy nanocomposites for electromagnetic interference shielding	Rs. 63180	Granted
8	Dr. S. Syed Muzafar Ahmed	Seed Project Money BSACIST	Modified Advanced Super Lift Luo Converter Fed BLDC Motor for Electric Vehicle Application	Rs. 34500	Granted
9	Dr.Bharanigha V	Seed Project Money BSACIST	Energy management using PLC and TinyML controller	Rs. 35000	Granted
10	Dr V Pramila	Seed Project Money BSACIST	Design And Development of Performance Enhanced E-bike	Rs.52000	Granted
11	Dr.Paruchuri.Chandra Babu Naidu	Seed Project Money BSACIST	Smart Device with Arduino Controller for Home Inverter	Rs. 22490	Granted
12	Dr.Shafeeque Ahamed	Seed Project Money BSACIST	Speed Control of Three Phase Induction Motor using Arduino	Rs. 15000	Ongoing
13	Dr.P.Elangovan	Seed Project Money BSACIST	Design of hybrid E-bicycle with high gain DC-link using Super-Lift converter	Rs.45,000/-	Completed
14	Dr.P.Elangovan	IEEE	EmpowerFest: Energizing Tomorrow's Leaders in Power and Energy	\$ 500 USD	Under Review
15	Dr.P.Elangovan	IEEE	EcoFuneral: Sustainable Solutions for Dignified Farewells – India	\$ 4663.92 USD	Under Review
16	Dr R Zahira	IEEE	IoT-Enabled Rural Water Management for SDG 6: A Water Level Monitoring Approach	\$8,000.00 USD	Under Review
17	Dr R Zahira	IEEE	Electrocution-Free Cities: Smart Technology for Electrocution Prevention Aligned with SDG 11-India	\$7,000.00 USD	Under Review
18	Dr. R. Durga Devi	DST	Advanced Recovery and Recycling of End-of-Life Solar PV Panels / modules	Rs.166.5588 Lakhs	Under Review

13. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr.P.Elangovan	Session Speaker (SIX-DAY ONLINE FDP on opportunities and Challenges in Integrating Renewable Energy in EV Charging Infrastructure)	Kongunadu College of Engineering and Technology, Namakkal	June 2024
2.	Dr.S.Priya	Best Academician Award	New Research and Innovation Society	June 2024
3.	Dr R Zahira	Star Participant and WRCA Certified World Record Appreciation Certificates.	(IGEN)	May 2024
4.	Dr. R. Zahira	Resource Person for Five days Faculty Development Training Programme on "Computer Control of Processes, Electric Circuits and Control Systems"	EIE Seminar Hall , SRM Valliammai Engineering College.	27.05.2024 to 31.05.2024
5.	Dr. R. Zahira	Panel member for the topic, "Uses and Applications of Solar Energy in Agriculture and Fisheries"	organised by IEEE ADSF SIGHT jointly with CriTech at Aatral Arangam, Institute of Energy Studies, Anna University Chennai	May 2024
6.	Dr S Suresh	Star Participant and WRCA Certified World Record Appreciation Certificates.	IGEN	May 2024
7.	Dr V Bharanigha	Organizer and WRCA Certified World Record Appreciation Certificates	IGEN	May 2024
8.	Dr R.Hannah Lalitha	Expert lecture in FDP on Electric Circuit Analysis and Digital Signal Processing	SRM Valliammai Engineering College	May.2024
9.	Dr.R.Durga Devi	Earth Day Champion Award, World Record Certification Award & Asia Book of Records	IGEN Energathon 2024	May 2024
10.	Dr R Jayashree	Reviewer	Electrical Engineering – Springer Nature	May 2024
11.	Dr. K. Sharmila Har Begam	Reviewer	Journal of Economics, Management and Trade	May 2024
12.	Dr. Divya Vijay	ABR, WRCA and IBR World Record Certified Earth Day , 24 Hrs Marathon	IGEN Energathon 2024	May 2024
13.	Dr. R. Zahira	Project jury member for National level "PROJECT EXPO 2024"	organized by Department of EEE, BSACIST	26.4.2024.
14.	Dr.P.Elangovan	Keynote Speaker (Impact of DC-DC converters in Electric Vehicle Technology)	Kongunadu College of Engineering and Technology, Namakkal	March 2024
15.	Dr.P.Elangovan	Reviewer	Electric Power Components And Systems (Taylor & Francis)	March 2024
16.	Dr.P.Elangovan	Editor	Journal of Engineering Research and Reports	February 2024

17.	Dr. R. Zahira	Delivered Guest Lecture on the topic "Grid Moderization Strategies: Enhancing Efficiency and Resilience with Smart Grid and Microgrid Technologies"	VISTAS, Chennai	February 2024
18.	Dr. R. Zahira	Project team member for the G20 youth cabinet	IGEN	4.02.2024 – 7.04.2024
19.	Dr R.Hannah Lalitha	IGEN green Day 2023 Ambassador	IGEN	December 2023
20.	Dr. R. Zahira	Reviewer	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	November 2023
21.	Dr. R. Zahira	IGEN ensav club talk on SDG 11	IGEN ensav club	September 2023
22.	Dr. R. Zahira	Organiser for IGEN Green day 2023	IGEN	22.10.2023
23.	Dr. V. Pramila	Reviewer	IEEE 4th International Conference on Sustainable Energy and Future Electric Transportation	31 July - 03 August, 2024

14. Details of MOOC courses completed by Faculty (NPTEL / COURSERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1.	Dr. S. Jennathu Beevi	Generative AI for everyone" offered by Deep learning. AI	Coursera	July 2024
2.	Dr S Suresh	Introduction to Data Analytics using Microsoft Excel	Coursera	July 2024
3.	Dr V Bharanigha	Code Free data science	Coursera	July 2024
4.	Dr V Bharanigha	Introduction to Data Analytics using Microsoft Excel	Coursera	July 2024
5.	Dr Bharanigha V	Code Free data science	Coursera	June 2024
6.	Dr Bharanigha V	Introduction to Data Analytics using Microsoft Excel	Coursera	June 2024
7.	Dr S Jennathu Beevi	Innovative Teaching	Coursera	May 2024
8.	Dr S Jennathu Beevi	Ultimate Wind Energy course for Electrical Engineering	Udemy	May 2024
9.	Dr.Jayashree R	Design Engineering	Udemy	MAY 2024
10.	Dr. S. Jennathu Beevi	Ultimate Wind Energy course for electrical engineering" offered by Khadija Academy, Udemy	Udemy	MAY 2024
11.	Dr S Suresh	Mastering AI-Powered Prompt Engineering with AI Models	Udemy	May 2024

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
12.	Dr S Suresh	Machine learning online course	Udemy	May 2024
13.	Dr S Suresh	Python-Data Analytics-Real World Hands-on Projects	Udemy	May 2024
14.	Dr S Suresh	AI-Driven Cybersecurity	Udemy	May 2024
15.	Dr S Suresh	Internet of Things(IoT)	Udemy	May 2024
16.	Dr S Suresh	Python completed course for Beginners	Udemy	May 2024
17.	Dr V Pramila	Smart Grid: Basics to Advanced Technologies	NPTEL	April 2024
18.	Dr.R.Durga Devi	Smart Grid: Basics to Advanced Technologies	NPTEL	April 2024
19.	Dr.Jayashree R	Solar Energy basics and installation specifications	Coursera	April 2024
20.	Dr. S. Jennathu Beevi	Innovative Teaching with Chat GPT offered by Vanderbilt University	Coursera	April 2024
21.	Dr. P. Abirami	Programming in C	NPTEL	April 2024
22.	Dr.P.Elangovan	Design of Power Electronic Converters	NPTEL	April 2024
23.	Dr. R. Zahira	Smart Grid: Basics to Advanced Technologies	NPTEL	April 2024
24.	Dr. P. Abirami	Problem Solving Through Programming in C	NPTEL	April 2024
25.	Dr.Divya Vijay	Fundamental Skills in Engineering Design	Coursera	March 2024
26.	Dr.Divya Vijay	New Space: Access to space - Basics	Coursera	March 2024
27.	Dr.P.Elangovan	Effective Engineering Teaching in Practice	NPTEL	February 2024
28.	Dr S Jennathu Beevi	Generative AI for everyone	Coursera	January, 2024
29.	Dr .K. Sarmila Har beagam	Modeling and measuring the Energy Transition	Coursera	December, 2023
30.	Dr S Jennathu Beevi	Wind Energy	Coursera	November ,2023.

15. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Mohammed Aftab Farooq.M.S	20041601051	Igen cycling	IGEN	25/05/2024
2.	Abdul Kalam A R	220041601001	Panel Discussion	IEEE ADSF SIGHT	25/5/2024
	Mohamed Habib H.	20041601033			

3.	Afrin Fathima.H	210041601004	IEEE Panel Discussion	IEEE ADS SOCIETY	25/05/2024
	Gayathri Shankar	210041601013			
	A.Shams Hussain Tabrez	210041601058			
4.	A.Shams Tabrez Hussain	210041601058	International Conference	MGR University	18/05/2024
5.	Tajrehena M	210041601065	IGEN Energathon 24hrs Marathon	IGEN	18/05/2024
6.	Naveeth Shariff	210041601040	Workshop	IGEN	18/05/2024
7.	Sriram	220041601063	Hackerrupt'24	SVCE	28/4/2024to 9/4/2024
8.	S.Visaga Varshini	210041601068	Quiz and circuit debugging	Hindustan College	09/04/2024
9.	Thamizharasan.T	210041601066	Ideathon/Project Presentation/Paper Presentation	Rajalakshmi Engineering college	01/04/2024
10.	Rahul A	210041601045			
11.	S.Karthick Gopinath	210041601019	Quiz / Project presentation	Hindustan College	25/3/2024
12.	A.Shams Hussain Tabrez	210041601058	Project Competition	IEEE YESIST12	23/03/2024
	S. Suja	210041601062			
13.	S.Karthick Gopinath	10041601019	CKT debug	MIT Anna University	24/3/2024
	Lakshminarayanan	10041601022	Quiz	MIT Anna University	24/03/2024
	S.Visaga Varshini	210041601068			
14.	Gayathri Shankar	210041601013	Paper Presentation	Kongunadu College of Engineering	23/03/2024
15.	kumlesh Ram.R	10041601021	Quiz	MIT Anna University	23/03/2024
16.	A.Shams Hussain Tabrez	210041601058	Project Expo/Quiz	AMET	21/03/2024
17.	S.Karthick Gopinath	210041601019	CKT Debug / Quiz	AMET	21/03/2024
18.	S.Visaga Varshini	210041601068	Quiz and Project Expo	AMET	21/03/2024
19.	Thamizharasan.T	210041601066	Project Presentation	AMET	21/03/2024
20.	Thamizharasan.T	210041601066	project presentation, quiz	AMET,MIT	21/03/2024 to 24/03/2024
21.	Sriram	220041601063	The Business Hack	CISC	23/2/2024to 24/2/2024
22.	Pranoy S	20041601051	presentation	G 20 youth cabinet	4/2/2024 to 7/2/2024
23.	Varshini M	220041601070	Attended International Conference on sdg	Dr. MGR Educational and Research Institute	23/1/2024
24.	Thamizharasan.T	210041601066	Placement Preparation Program	IIT Bombay	13/01/2024 to 14/01/2024

16. Details of credit transfer through NPTEL/Swayam/MOOC courses

S. No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1	Laksha SS	230041601022	Python for Data Science	1	Successfully Completed

2	Ganesh Kumar K	220041601001	Problem Solving Through Programming in C	3	Elite
3	Amirr Ahmed M	210041601007	Introduction to Industry 4.0 And Industrial Internet of Things	3	Successfully Completed

17. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S. No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	School Visit to NarayanaE - Techno School, Mannivakkam	03.02.2024	Dr. Shanmugavadivu, AP/EEE	Branding for Admission Promotion	Admissions improved
2	Sri VishwaVidyalaya Matriculation School, Otteri, Vandalur	07.02.2024	Dr. S.JennathuBeevi Associate Professor / EEE Dr. Belwin J. Brearley Assistant Professor (Sel. Gr.)/EEE	Branding for Admission Promotion	Admissions improved
3	St John's Matriculation School, Perungalathur	07.02.2024	Dr. S.JennathuBeevi Associate Professor/EEE Dr. Belwin J. Brearley Assistant Professor (Sel. Gr.)/EEE	Branding for Admission Promotion	Admissions improved
4	VelammalVidhyasharam, Padappai	05.02.2024	Dr P Abirami AP/EEE	Branding for Admission Promotion	Admissions improved
5	A lecture on "Careers in Electrical Engineering" , for the Students of Mohideen Matriculation Higher Secondary School, Kayalpatninam	04.08.2023.	Dr S JennathuBeevi, Associate Professor/EEE	Branding for Admission Promotion	Admissions improved
6	A guest lecture on "Opportunities for higher studies in USA"by Mr Mohan Natarajan, Carrier Account Manager, Apple, USA	20.10.2023	All the faculty and students from SECS	Knowledge Dissemination	Students gained knowledge about higher studies in abroad
7	National Level Technical Symposium 'CYGNUS 2024'	25.04.2024	All the faculty and students from EEE	Knowledge Dissemination	Enhanced Leadership qualities, Teamwork, Technical knowledge
8	Guest Lecture on Power Electronics Applications to Power System by Dr.K.Ragavan, Associate Professor/EEE, IIT Gandhi Nagar	15.03.2024	Arranged by Dr. Mohamed Shuaib, Prof./ EEE Dr. V. Bharanigha, AP(SG)/EEE Attended by All the faculty and students from EEE	Knowledge Dissemination	Enhanced Technical knowledge

9	International Webinar on Current Status & Future prospects of GaN-HEMTs by Dr. Tanya Kirilova Gachovska, Power Engineer, MDA, Ottawa, Canada	27.3.2024	Arranged by Dr. P. Elangovan, AP/EEE Dr. Paruchuri Chandra Babu Naidu, AP/EEE Attended by All the faculty and students from EEE	Knowledge Dissemination	Enhanced Technical knowledge
10	Guest lecture on Advancement in Power Converters for Renewable Energy Applications by Dr. R. Ramaprabha, Associate Professor, Sri Sivasubramaniya Nadar College of Engineering	22.3.2024	Arranged by Dr. K. R. Shanmuga Vadivu, AP/EEE Dr. P. Abirami, AP / EEE Attended by All the faculty and students from EEE	Knowledge Dissemination	Enhanced Technical knowledge

18. Industry / Institute Collaboration

S.No	Name & Detail of Industry	Type of Collaboration	Month & Year	Status
1	Industry Institute Interaction Meet	Industry meet	April 2024	Completed

* The Industry Institute Interaction Meet organized in April 2024 successfully facilitated collaboration between 20 industry experts and our institute academicians. This event resulted in the development of student projects, internship opportunities, and consultancy services, fostering valuable partnerships. Additionally, it paved the way for collaborative initiatives aimed at enhancing educational and industry standards.

19. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker
			Faculty	Student	Others	
1.	IEEE Power & Energy Society	Inauguration & Webinar	4	60	35	Prof. John D. McDonald, the Founder & CEO of JDM Associates, LLC, hailing from Duluth, Georgia, United States.

- The inauguration of the IEEE Power & Energy Society, featuring Prof. John D. McDonald as the chief guest, was a resounding success. Attendees gained valuable insights into advancements in power and energy engineering, fostering collaboration and innovation within the field. The event strengthened connections among professionals and academia, promoting ongoing development in energy solutions.

20. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1	Mr. Azarudin Abdulla,	MTS Silicon Design Engineer, Serdes Technology, AMD Ltd, Singapore.	Guest Lecture 14.2.2024	Students gained knowledge on advancements in Semiconductor Engineering

21. Any other academic relevant information

1. Dr S Jennathu Beevi delivered a lecture on "Teaching Pedagogies" for the faculty of School of Electrical and Communication Sciences , BSACIST on 12.07.2024.
2. Dr S Jennathu Beevi delivered a lecture on "Careers in Electrical Engineering", for the students of Mohideen Matriculation Higher Secondary School, Kayalpatnam on 04.08.2023.
3. Dr S Jennathu Beevi addressed the Alumni of 194-98 batch of Crescent during the 25 years Silver Jubilee celebration during July 15-16, 2023.
4. Dr.R.Jayashree mentored student project entitled "SMART PLUG", which was selected for the final round competition in IEEE YESIST2024 (Youth Endeavors For Social Innovation Using Sustainable Technology) during September 7th & 8th , 2024 (Hybrid mode) at Tunisia.
5. Dr.P.Elangovan mentored student project entitled "VACUUM COMPRESSED GARBAGE BIN", which was selected for the final round competition in IEEE YESIST2024 (Youth Endeavors for Social Innovation using Sustainable Technology) during September 7th & 8th , 2024 (Hybrid mode) at Tunisia

22. Photographs with relevant captions for Important Activities



Industry Institute Interaction Meet 2024 on 24.04.2024

Guest Lectures/ Industry Visit /Training Organised





Student Achievements



Mr. Shams Tabrez Hussain, 3rd-year EEE student, participated as a student representative on the panel discussion, proposing ideas and projects to enhance agriculture and increase the utilization of solar energy



Mr. Shams Tabrez Hussain, Mr. KarthickGopinath, and Ms. VisagaVarshini 3rd-year B.Tech EEE students, secured 2nd prize in Quiz at the technical symposium Elytrico 2024 held at AMET University.



Ms. VisagaVarshini , Mr. KarthickGopinath and Mr. Lakshminarayanan
 3rd-year B.Tech EEE students, secured 1st place in the Technical quiz at the technical symposium Electrofocus 2024
 held at Madras Institute of Technology Chennai.

Admission activities (Branding)



NPTEL online certification



NPTEL Online Certification
 (Funded by the MHE, Govt. of India)

This certificate is awarded to
GANESH KUMAR K
 for successfully completing the course

Problem Solving through Programming In C

with a consolidated score of **72 %**

Online Assignments	21.19/25	Proctored Exam	56.78/75
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Total number of candidates certified in this course: 2979

Jan-Apr 2024
 (12 week course)

Prof. Raimond Banerji
 Coordinator (NPTEL)
 IIT Khargpur

Indian Institute of Technology Khargpur

Roll No: NPTEL24EC545653H8885 To verify the certificate

No. of credits recommended: 3 or 4



NPTEL Online Certification
 (Funded by the MHE, Govt. of India)

This certificate is awarded to
ELANGOIVAN P
 for successfully completing the course

Design of Power Electronic Converters

with a consolidated score of **65 %**

Online Assignments	16.17/25	Proctored Exam	44.38/75
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Total number of candidates certified in this course: 185

Feb-Apr 2024
 (8 week course)

Prof. T.V. Bharad
 Head, Centre for Engineering Technology
 NPTEL Coordinator (IIT Guwahati)

Indian Institute of Technology Guwahati

Roll No: NPTEL24EE336413M19M4 To verify the certificate

No. of credits recommended: 2 or 3



NPTEL Online Certification
 (Funded by the MHE, Govt. of India)

This certificate is awarded to
P ABIRAMI
 for successfully completing the course

Problem Solving through Programming In C

with a consolidated score of **67 %**

Online Assignments	49.43/58	Proctored Exam	47.79/78
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Total number of candidates certified in this course: 2979

Jan-Apr 2024
 (12 week course)

Prof. Raimond Banerji
 Coordinator (NPTEL)
 IIT Khargpur

Indian Institute of Technology Khargpur

Roll No: NPTEL24EC550503H9168 To verify the certificate

No. of credits recommended: 3 or 4



NPTEL Online Certification
 (Funded by the MHE, Govt. of India)

This certificate is awarded to
DURGA DEVI R
 for successfully completing the course

Smart Grid: Basics to Advanced Technologies

with a consolidated score of **77 %**

Online Assignments	36.31/38	Proctored Exam	67.78
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Total number of candidates certified in this course: 2466

Jan-Apr 2024
 (12 week course)

Prof. Kausik Ghosh
 Professor (Electrical)
 Coordinator (IIT)

Indian Institute of Technology Kharagpur

Roll No: NPTEL24EE375103M402289 To verify the certificate

No. of credits recommended: 3 or 4



NPTEL Online Certification
 (Funded by the MHE, Govt. of India)

This certificate is awarded to
DR R ZANIRPA
 for successfully completing the course

Smart Grid: Basics to Advanced Technologies

with a consolidated score of **77 %**

Online Assignments	24.06/28	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 2466

Jan-Apr 2024
 (12 week course)

Prof. Kausik Ghosh
 Professor (Electrical)
 Coordinator (IIT)

Indian Institute of Technology Kharagpur

Roll No: NPTEL24EE375954M1547 To verify the certificate

No. of credits recommended: 3 or 4



NPTEL Online Certification
 (Funded by the MHE, Govt. of India)

This certificate is awarded to
V PRAMILA
 for successfully completing the course

Smart Grid: Basics to Advanced Technologies

with a consolidated score of **79 %**

Online Assignments	21.85/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 2466

Jan-Apr 2024
 (12 week course)

Prof. Kausik Ghosh
 Professor (Electrical)
 Coordinator (IIT)

Indian Institute of Technology Kharagpur

Roll No: NPTEL24EE375955M402047 To verify the certificate

No. of credits recommended: 3 or 4

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Value Added Programmes Offered:

S. No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	IIT Bombay Spoken Tutorial Certification	July – December 2023	-	IIT Bombay	248	–	–
2.	IIT Bombay spoken Tutorial Certification	January –June 2024	-	IIT Bombay	208	–	–

2. Training Programmes Offered:

S.No	Name of the programme	Duration (From –To)	Course fee & details of Collaborating Agency	No.of Participants		
				Students	Faculty	Others
1	Certified Labview Associate Developer (CLAD)	24.07.23 to 09.08.23 10.08.23,11.08.23, 14.08.23,16.08.23 to 18.08.23	Labview Associate Developer	44	-	-

3. Details of Field visits/Industrial visits organized by the department:

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem	Sec	No. of Students			
01	B.Tech/ECE	V	A	63	Dr.R.Anitha , Dr.A.Priya Dr.S.Anusooya	National Institute of Ocean Technology (NIOT)	22.09.2023
02	B.Tech/ECE	V	A	63	Dr.R.Anitha , Dr.Vanmathi, Dr.Parnasree Chakraborty, , Mr.Hasan Babu	Air Traffic Control (ATC) Office	9.08.2023
03	B.Tech/ECE	VI	B	45	Dr.S.Kalaivani, Ramesh Kumar, Dr.Parnashree Chakraborty and Dr.R.Iniyavan	Mr. Kodaikanal AIR FM and Solar Observatory Museum	29.02.2024 and 01.03.2024

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem	Sec	No. of Students			
04	B.Tech/ECE	V	B	65	Dr. S. Kalaivani, Dr. R. Anitha, Jean Shilpa, Mr. R. Iniyavan	HCL Technologies at Chennai	4.10.2023
05	B.Tech/ECE	V	B	54	Dr.S.Kalaivani, Ramesh Kumar, Dr.K.Indra Gandhi, Dr.R.Iniyavan	Radio Astronomy Centre (RAC) in Ooty	18.08.2023
06	B.Tech/ECE	V	B	64	Dr.S.Kalaivani, S.Syed Rafiammal, Mr.Sadhish Prabhu	Air Traffic Control (ATC) at Chennai Airport	9.08.2023
07	B.Tech/ECE	IV	A	60	Dr.B. Sivashanmugavalli, Dr. S.Syed Rafiammal, Dr.R.Mahalkashmi, Mr.M.Selvakumar	National Institute of Ocean Technology (NIOT)	03.11.23
08	B.Tech/ECE	IV	A	60	Dr. B. Sivashanmugavalli, Dr. S.Syed Rafiammal, Mr.M.Selvakumar	BSNL, Meenambakkam	31.10.23
09	B.Tech/ECE	IV	B	60	Dr.B. Sivashanmugavalli, Dr. S.Syed Rafiammal, Dr.R.Mahalkashmi, Mr.M.Selvakumar	National Institute of Ocean Technology (NIOT)	03.11.23
10	B.Tech/ECE	IV	B	60	Dr. B. Sivashanmugavalli, Dr. S.Syed Rafiammal, Mr.M.Selvakumar	BSNL, Meenambakkam	31.10.23
Outcome of the Visit: <ul style="list-style-type: none"> NIOT (National Institute of Ocean Technology): Students gained a comprehensive understanding of NIOT's pioneering work in ocean technology, encompassing various research projects and activities. These included ocean observation, underwater technology, marine robotics, and environmental monitoring. Additionally, the application of electromagnetic waves and the basics of digital communications in oceanic studies were explained through practical projects and systems. Air Traffic Control (ATC) at Chennai Airport: The visit offered valuable insights into the intricate coordination of air traffic controllers, including the use of HF and VHF communications. Students observed the meticulous record-keeping and timing protocols crucial for flight operations, which enhanced their understanding of air traffic management and communication protocols. Kodaikanal AIR FM and Solar Observatory Museum: This visit provided detailed insights into radio frequency broadcasting systems and solar observational technologies. The experience significantly broadened the participants' understanding of signal processing techniques and solar imaging methods, highlighting their practical applications and the latest technological advancements. HCL Technologies, Chennai: The visit offered a comprehensive overview of HCL Technologies' operations and the broader software industry. Participants deepened their understanding of technical concepts and career opportunities within the field. The interactive session, which included mathematical and logical challenges, demonstrated the practical applications of mathematics in VLSI, embedded systems, and frequency modulation, underscoring its importance in problem-solving and technological innovation. Radio Astronomy Centre (RAC) in Ooty: 							

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem	Sec	No. of Students			
	<p>Students had the invaluable opportunity to witness the intricate workings of radio telescopes, learn about pioneering research in pulsars and interstellar mediums, and engage with experts in the field. This experience bridged classroom learning with real-world applications, inspiring students and broadening their horizons in radio astronomy and electronics.</p> <p>• BSNL Meenambakkam: This visit helped students understand key concepts in telecommunication and switching systems. They observed components of communication systems, power distribution, and complete transmission systems, providing them with practical insights into telecommunication infrastructure.</p>						

4. Conferences / FDP / Seminars / Workshops Organized by the department :

S.No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	VLSI ignite workshop	workshop	19th & 20th sep 2023	--	0	35	0	0
Details of Keynote Speakers : (i) Dr R.Anitha, (ii) Dr.V.Jean Shilpa, (iii) Mr.Lamech. I year M.Tech (VLSI & ES).								
2.	Clad Certification Course	Value Added Course	23rd sep 2023	Aadhyaa Skills Research and Development	00	0	0	14
Details of Keynote Speakers : (i) Mr.Anish Kumar, Director,								
3	"Introduction to DevOps"	Guest Lecture	5/10/2023	HCL Technology, Chennai	0	60	0	0
Details of Keynote Speakers: (i) Mr. Vignesh R, Cloud Architect,								

4	“OFDM, Recent trends on Wi-Fi & Wi-Max”	Supplementary course	04.10.2023 to 11.10.2023	University of Novi Sad	0	58	0	0
Details of Keynote Speakers : Prof. Dr. Varun Jeoti, ERA Chair Holder, STRENTX Project, Faculty of Technical Sciences, University of Novi Sad, Affiliate Faculty of ECE Department.								
5.	“Outcome based Education”	workshop	9.03.2024	Manakula Vinayagar Institute of Technology	40	-	-	-
Dr. Arunmozhi S Professor &Head / ECE Dept, Manakula Vinayagar Institute of Technology								
6.	“VLSI-Chip Design Verification”	workshop	25.03.2024	Edveon Technologies Pvt Ltd.	49	-	-	-
The Department of ECE has organized a workshop on “VLSI-Chip Design Verification” on 25.3.2024. A total of 49 participants from various other institutions and our institution attended the workshop. The trainers were from Edveon Technologies Pvt Ltd, headed by Mr. Hariharan VP, HRBP, Mr. Mugesh Vaidhyanathan, CSO and Mr. Vishnu, CTO.								

8. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1	supplementary course on “OFDM, Recent trends on Wi-Fi & Wi-Max”	Rs.50000/-	From the Institution

9. Conferences / FDP / Seminars / Workshops Attended by faculty:

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1	Dr B.Sivashanmugavalli	Industrial IoT and Connected Devices	FDP	01.02.2024-06.02.2024	Sri SaiRam Engineering College
		X ray Diffraction Analysis	workshop	26.03.2024	BSACIST

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
2	Dr.Parnasree.C	Research Tools	Short Term Course	1.02.2024	International Institute of Organized Research
		"Outcome Based Education" workshop	Workshop	9.01.2024	BSACIST
3	Dr K.Indragandhi	High Performance Computing (Parallel Programming for Parallel and Distributed Architectures.	Workshop	11 to 15, December 2023	HPRCSE Group of Indian Institute of Information Technology, Design and Manufacture (IIITD&M) Kancheepuram
		AWSome Day	online conference	8th June,2023	Amazon
4	Ramesh Kumar A	5G Certificate Course	Certificate Course	-	National Telecommunications Institute For Policy Research, Innovation and Training
		Question Paper Setting and Evaluation for OBE – BSACIST.	Workshop	6/11/23	NITTR Chennai
		Innovation Ambassador training	Training	-	MHRD
		A Research Insight into RF Component Design -	Workshop	-	Dr. Mahalingam College of Engineering
5	Dr.S.Anusooya	Question Paper Setting and Evaluation for OBE	Workshop	6/11/23	NITTR Chennai
6	Dr.V.Jean shilpa	"VLSI Architectures For Image And Video Processing"	Workshop	04 to 08, December 2023	HPRCSE Group of Indian Institute Of Information Technology, Design and Manufacture (IIITD&M) Kancheepuram

**10. Papers Published/ Presented in Journals & Conferences (Total Numbers Only)
(July 2023-June 2024) :**

National Conference		International Conference		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	
0	0	25	0	19	3	47

11. Details (list) of Publication in National & International Journals & Conferences:
(IEEE Format): **International Journal & National Journal**

- a) SCI/Scopus Indexed Journal
- b) Other journals

Journal Publications:

- Percy Sephra J. , Tharini C. , Abhay Sachdev , Manikandan E, ‘An efficient sensing system using ion-selective membrane on Ni₂O₃/rGO nanocomposite for electrochemical detection of nitrate ions, Journal of Alloys and Compounds’, vol. 980, April 2024.
- Vijay Anand S and C.Tharini", "An edge based end2end system architecture for retail stores", published in International Journal of Information Technology, March 24.
- Vijay Anand S and C.Tharini, "A Novel CDCS Framework for the connected car system", published in International Journal of Information Technology, March 24
- Priya A, Ferdous A.H.M.I., Akter B, "Octagonal PCF with Square-Core for Surface Enhanced Spectroscopic Properties: A New Frontier in Terahertz Chemical Sensing", Plasmonics, 2023, doi: 10.1007/s11468-023-02074-7.
- Kalaivani, S., Tharini, C., Viswa, T.M.S. et al. "ResNet-Based Classification for Leaf Disease Detection." *Journal of The Institution of Engineers (India): Series B*, 2024. <https://doi.org/10.1007/s40031-024-01062-7>.
- Padma Usha. M, G. Kannan, Sai Akshay. S, Giri. S, Shaik Mohammed Huzaifa. "PrinciResnet Brain Tumor Classification Technique for Multimodal Input-level Fusion Network." *International Journal of Computing and Digital Systems*, vol. 15, no. 1, pp. 1075-1089, 2024. <http://dx.doi.org/10.12785/ijcds/150176>.
- Padma Usha. M, Kannan. G, Ramamoorthy. M. "Multimodal Brain Tumor Classification Using Tumnet Architecture." *Behavioural Neurology*, vol. 2024, 2024. <https://doi.org/10.1155/2024/4678554>.
- Parnasree Chakraborty, Tharini Chandrapragasam, Arunachalam Arunachalam, Syed Rafiammal, "Artificial Intelligence-based Oral Cancer Screening System using Smartphones: Oral Cancer Screening System", *Engineering, Technology & Applied Science Research*, Vol. 13, No. 6, pp. 12054–12057, December 2023, doi: [10.48084/etasr.6364](https://doi.org/10.48084/etasr.6364)
- Pavithra B, Parnasree Chakraborty, "Development of Dynamic Channel Coding Strategy for Multi-User MIMO-NOMA 5G Downlink Communication by Concatenation of Coding Method", *Informatica*, Vol. 47, pp. 93–102, 2023.
- Ambika A, Tharini C, Parnasree Chakraborty, Islam T, Das S, El Ghzaoui M, "A Modified SRR-Based Miniaturized Monopole Antenna with Ultra-wide Bandwidth for Wireless UWB Systems", *Journal of Nano and Electronic Physics*, Vol. 15, No. 6, 2023, doi: [10.21272/jnep.15\(6\).06021](https://doi.org/10.21272/jnep.15(6).06021)
- Parnasree Chakraborty, Syed Rafiammal, Ambika A, Raja I, "Analysis of Audio Filtering Algorithms for Noise Cancellation", *Journal of Electronics and Informatics*, Vol. 5, No. 4, pp. 351-367, 2023, doi: [10.47944/iroei.v5i4.1](https://doi.org/10.47944/iroei.v5i4.1)
- Parnasree Chakraborty, Nawineesh RS, Pathan Zubair Khan, "Measurement of Heart Rate from Photoplethysmogram using Savgol Filter", *Journal of Current Research in Engineering and Science*, Vol. 6, Issue 1, Paper 29, January 2023, https://www.psvpec.in/jcres/2023_1/129.pdf
- Chakraborty, P., and Tharini, C. "Non-invasive Cuff-Free Blood Pressure and Heart Rate Measurement from Photoplethysmography (PPG) Signal Using Machine Learning." *Wireless Personal Communications*, vol. 134, no. 4, pp. 2485–2497, 2024. <https://link.springer.com/article/10.1007/s11277-024-11070-x..>

14. Indragandhi, K., and P. K. Jawahar. "Fuzzy-Based Efficient Task Scheduling Scheme on Heterogeneous Multicore Processor." *International Journal of Advanced Intelligence Paradigms*, vol. 27, no. 3-4, pp. 364-375, 2024. <https://doi.org/10.1504/IJAIP.2024.138573>.
15. Karthikha, D., Najumnissa Jamal, S., Syed Rafiammal. "An Approach of Polyp Segmentation from Colonoscopy Images Using Dilated-U-Net-Seg – A Deep Learning Network." *Biomedical Signal Processing and Control*, vol. 93, 2024, 106197. <https://doi.org/10.1016/j.bspc.2024.106197>.
16. Suresh Babu Thandullu Naganathan, Packirisamy Thirumaraiselvan, Anumuthu Priya, Pethaperumal Muthukannan. "Analysis of Slot Antenna Performance for On-Body to In-Body Channel Characterization." *Progress In Electromagnetics Research Letters*, vol. 120, pp. 31-37, 2024. doi:10.2528/PIERL24011102.
17. Indragandhi, K., G. Kannan, Jawahar, P. K. "Real-time Enhanced Efficient Thread Level Parallelism Scheme for Performance Improvement in Heterogeneous Edge Computing." *Multidisciplinary Science Journal*, vol. 6, no. 9, 2024, 2024145. <https://doi.org/10.31893/multiscience.2024145>.
18. Kannan, G., Indragandhi, K., Midhat Jan. "An Anomaly Detection System for Vampire Attacks Crisis in Wireless Sensor Networks." *Computer Networks and Communications*, vol. 2, no. 1, pp. 101–110, 2024. <https://doi.org/10.37256/cnc.2120244226>.
19. Ramachandran Thandaiah Prabu, Suvitha Sundar, Jayakumar Thangaraj, Vanmathi Murugesan. "Efficient Mach-Zehnder Modulators with High-Pumped Laser-Based Multimode Doped Fibers in High-Modulated Optical Coded Systems." *Journal of Optics*, 2024. <https://doi.org/10.1007/s12596-024-01716-1>.
20. Selvakumar, M., Ambika, A., Kumar, A.R., Sandhya, M., Sai, A.K.M., Kasim, S.I. "Compact SIW Based Band Pass Filter for sub 6 GHz Band Application." *Journal of Nano- and Electronic Physics*, vol. 16, no. 3, pp. 03009-1-03009-4, 2024. [https://doi.org/10.21272/jnep.16\(3\).03009](https://doi.org/10.21272/jnep.16(3).03009).
21. Jean Shilpa V, Rupa Rani, Rakesh Kumar, Kumud, Deepak, "An Intelligent Hybrid Bio-Inspired (Raft Consensus - Foraging Hummingbird) for Distributed Storage System of Academic Information", *International Journal of Intelligent Systems and Applications in Engineering*, November 2023, ISSN: 2147-6799, <https://ijisae.org/index.php/IJISAE/article/view/3390/1977>
22. Anusooya S , N. Revathi , Sivakamasundari P , A.N.Duraivel , S.Prabu, " A Hybrid Genetic Algorithm and Neural Network-Based Cyber Security Approach for Enhanced Detection of DDoS and Malware Attacks in Wide Area Networks" *Journal of Cyber security and Information Management*, Volume 14 Issue 2 , PP: 253-262, 2024, Doi: <https://doi.org/10.54216/JCIM.140217>

Conference Publications:

1. J. Shilpa, M.H. Shaik Tahir, K. Muzamil Ahmed Mohiuddin, O.A. Jawadthur Raffiwoo, "Addressing Road Safety Challenges: CAS Monitoring and V2V Communication Strategies," in *Interdisciplinary Research for Sustainable Development Proceedings*, vol. 2, December 2023.
2. S.R. Aswin, S. Anusooya, R. Anitha, J. Shilpa, "Leakage Reduction Techniques in 7T SRAM Cell for Low Power Application," in *International Conference on Smart System Technologies and Applications Proceedings*, April 2023.
3. 3.P. Chakraborty, S. Rafiammal, A. Ambika, I. Raja, "Analysis of Audio Filtering Algorithms for Noise Cancellation," in *AICTE Sponsored Two Days International Conference on Information and Communication Proceedings*, CARE College of Engineering, Trichy, Tamilnadu, September 27-28, 2023.
4. A. Ambika, P. Chakraborty, S. Rafiammal, B.S. Afroze Mohammed, "Smart Community using IOT Systems," in *AICTE Sponsored Two Days International Conference on Information and Communication Proceedings*, CARE College of Engineering, Trichy, Tamilnadu, September 27-28, 2023.
5. S. Rafiammal, P. Chakraborty, A. Ambika, M. Manaas, "A Hardware Vehicle Security and Accident Notification System using Discrete Wavelet Transform," in *AICTE Sponsored Two Days International Conference on Information and Communication Proceedings*, CARE College of Engineering, Trichy, Tamilnadu, September 27-28, 2023.
6. M. Humaidh, J. Shilpa, S. Anusooya, R. Anitha, "Design of a Folded Cascode Op-Amp with High EMI Immunity for CMOS Circuits," in *International Conference on Smart System Technologies and Applications Proceedings*, April 2023.

7. Surya, Rakesh, Vasanth, R. Anitha, D. Anish Kumar, J. Shilpa, S. Anusooya, "Smart Waste Management System Using NI-MyRIO," in International Conference on Research in Electronics and Communication Technology (ICREACT) Proceedings, SRM Institute of Science and Technology, Vadapalani campus, May 3-4, 2023.
8. S. Kalaivani, O. Jawadur Raffiwoo, A. S. Priyanka, N. Roshan Akthar, "Exploring Vehicle to Vehicle Communication for Collision Avoidance to Enhance Road Safety," in 4th International Conference on Recent Trends in Engineering Technology and Management (ICRETM - 2024) Proceedings, Suguna College of Engineering, Coimbatore, in collaboration with Samarkand State University, Uzbekistan, April 5-6, 2024.
9. S. Kalaivani, P. Anujith, G. Karthik, "AI-Enhanced Autonomous Military Robot for Mine Detection," in 15th International Conference on Recent Engineering and Technology Proceedings, Sri Venkateshwara College of Engineering, Bengaluru, in collaboration with Manipal University College, Malaysia, May 30-31, 2024.
10. R. Iniyavan, M. Vanmathi, S. Afroz, S. Abid, S.M. Shumeel, "Design and Development of Medical Prescription Writing Robot," in International Conference on Advances in Medicine, Science, Engineering, and Management (AIMSEM-2024) Proceedings, June 28-30, 2024.
11. A. Ambika and P. Chakraborty, "Design of a Novel Leg-Wheel Quadbot-Crawling Robot," presented at EMPOWER 2021, SRM Ramapuram Campus, India, Apr. 27, 2024.
12. N. S. V. Kiran, M. Hassif, S. Rahmathulla, P. Chakraborty, "Smart Canteen Management System," in 4th ACE International Conference on Applied Science, Engineering, Technology and Management (AICASETM '24) Proceedings, Chennai, India, 2024, pp. 48.
13. A. Ambika, Harini, S. Kalaivani, Jagadeesh, "Bio-Based Dielectric Substrate for Implanted Radio Frequency Antennas for Precision Agriculture," in 12th International Conference on Recent Challenges in Engineering and Technology (ICRCET-2024) Proceedings, April 23-24, 2024.
14. M. S. Samanvita, J. M. Zamaan, P. N. Kumar, A. Priya, "Design of Cylindrical Dielectric Resonator Antenna Using HFSS Software for Modern Wireless Communication Systems," in National Conference on Emerging Trends in Electronics, Communication and Computing Technology (NCETECCT-2024) Proceedings, May 6-7, 2024.
15. S. S. Fathima, N. M. Irbaz, A. Sherin, A. Priya, "Design and Simulation of Square Loop Antenna for Modern Wireless Communication Systems," in National Conference on Emerging Trends in Electronics, Communication and Computing Technology (NCETECCT-2024) Proceedings, May 6-7, 2024.
16. A. Priya, S. S. Vaishnavi, V. Vibin, S. G. Thouseen, "Patch Antenna Design for Enhanced Breast Cancer Detection," in National Conference on Emerging Trends in Electronics, Communication and Computing Technology (NCETECCT-2024) Proceedings, May 6-7, 2024.
17. M. Vanmathi, R. Iniyavan, A. R. Kumar, H. Hasan Babu, "Digital Dermatologist for Skin Cancer Detection Using Machine Learning Algorithms," in International Conference on Advances in Medicine, Science, Engineering, and Management (AIMSEM-2024) Proceedings, June 28-30, 2024.
18. H. Hasan Babu, A. Priya, M. Vanmathi, R. Iniyavan, A. R. Kumar, U. S. Abdul Ghafoor, "Design and Simulation of Rectangular Patch Antenna for 5G Applications," in International Conference on Advances in Medicine, Science, Engineering, and Management (AIMSEM-2024) Proceedings, June 28-30, 2024.
19. N. Naga Saranya, V. Jean Shilpa, K. Jayakumar, P. Senthil, M. Arun, "Novel Slumped SRAM Configuration using QCA Leveraging Differential Voltage Sensing for Enhanced Stability and Efficiency," in Journal of Cybersecurity and Information Management (JCIM), vol. 14, no. 01, pp. 207-217, 2024.
20. V. Jean Shilpa, S. Anusooya, R. Anitha, V. Vikram, S. Saiprasanth, P. Shafinprem, "Food Pollution Monitoring System using IOT," in International Conference on Advances in Medicine, Science, Engineering and Management (AIMSEM-2024) Proceedings, organized by New Research and Innovation Society, June 28-30, 2024.
21. V. Jean Shilpa, R. Anitha, S. Anusooya, B.S. Sundheep Narasimman, B. Suraaj Sakthi Kumar, "IoT Based Intelligent Automatic Patient Monitoring System," in International Conference on Advances in Medicine, Science, Engineering and Management (AIMSEM-2024) Proceedings, organized by New Research and Innovation Society, June 28-30, 2024.

22. Parnasree Chakraborty, C.Tharini,"Efficient EEG Compression and Alzheimer's Early Detection via Compressed Sensing" ,in International Conference on Advances in Medicine, Science, Engineering and Management (AIMSEM-2024) Proceedings, organized by New Research and Innovation Society, June 28-30, 2024.
23. 23.PercyJ.Sephra, C.Tharini, Enhanced Electrochemical Nitrate Sensing using Tetradodecyl Ammonium nitrate as ion-Selective Membrane on Ag/ α -Fe₂O₃/rGO Nanocomposite, international Conference on Integration and Transformation with SDGs (ICITS 2024)on 15th and 16th April 2024 held at Hindustan Institute of Technology and science, Chennai, India
24. 24.Dr.S. Anusooya N. Syed Imthiyaz,J. Mohammed Jassim ,R. Santhosh AI-Based Temperature Automation and Location Tracking for Food Container and Transport, International conference on multidisciplinary innovation in computer and communication 2024,Easwari Engineering College,ISBN: 978-93-340-5820-8,,09-MAY-2024.
25. 25.Keerthana.S, Dhivya Lakshmi.G, Dr.S. Anusooya , "Exploring The Art of Safe Travel: Unveiling Creative Approaches", To Enhance Road Safety,4th International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2024),Vellammal institute of technology,21-03-2024 & 22-03-2024

12. Book(s) Published:

S.No	Name of the Faculty	Name of the Book / Chapter Details	Name of the Publisher, country& Month of publication	Availability status
1.	Chakraborty, P., Tharini, C., Rafiammal, S., Ambika, A.	Automated Greenhouse Monitoring and Fertilizer Suggestion."	Integrated Publications, March 2024, vol. 8, pp. 19-34.	ISBN: 978-93-58.
2.	Chakraborty, P., Tharini, C.	Optimizing Wireless Sensor Network Communication through Differential Encoding-Enhanced Compressed Sensing Protocol	BP International, February 24, 2024, pp. 119-130	-
3.	Revathi, K., Mohideen, S. K.	Design and Implementation of Audio Steganography in Healthcare using IoT." Healthcare Applications in Computer Vision and Deep Learning Techniques	IIP Series, March 30, 2024	ISBN: 978-93-5747-973-8.
4	V Jean Shilpa S Anusooya S Karthik Jagannathanaidu	VLSI Chip Design	Scientific International Publishing House	ISBN : 978-93-6132-114-6
5.	PJ Sephra, P Baraneedharan, C.Tharini	"Transition metal oxides/sulfides electrode based Supercapacitors	Supercapacitors: Materials, Design and Commercialization, Chapter 5,2024,93-123.	

13. Patents (Obtained / Applied):

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1	Dr.A. Ambika	A System For Identifying Milk Adulteration	4	4	-
2	Dr.R.Mahalakshmi	ML Based Breast Cancer Monitoring DEVICE			
3	Dr.M.Vanmathi	Wearable IOT healthcare device with Machine Learning for Real Time Health Data			

		Analysis			
4	Dr.A.Priya	Elderly Daily Living Task Assistance System USISEEDNG IOT and Machine Learning			

14. Details of Impact Factor of the Publication and H-Index of the department :

- A) Range - 0 - 4.3
- B) Average - 2.37
- C) H-Index - 15
- D) No. In Scopus -19

15. Sponsored Research (Ongoing / Granted) :

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned	Current Status
1	Dr. S. Kalaivani, AP (Sl. Gr)/ECE, Dr. C. Tharini, Professor & Dean (SECS), Dr. Mohammed Ismail, Professor & Dean (Academic),	Jasmin Infotech Pvt. Ltd., Chennai	Remote Diagnostic Facility for elderly women from rural areas	Rs. 1,42,000/ -	Ongoing

17. Details of Major Equipment Purchased (Financial year 2023-24):

S.No	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount in Rs
1	Microwave Power meter	Anritsu	2.02. 2024	28.02 2024	19,23,400
2	Wireless Device Kit	--	--	15.05.2024	5,35,344
3	Data Communication Trainer	Sciencetech, India	--	4.04.2024	1,83,136

18. International Visits by Faculty / Students:

S.No	Name of the Student	Name of the Institution/Industry	Country	Purpose	Period	Outcome
1	Ajitha Kamali	National Cheng Chung University	Taiwan	Internship	July September 2023	Internship

19. Faculty Internships (Industry / research organization / Academic Institution) :

S.No	Name of the Faculty	Details of work Place& Mentor	Period of Internship	Outcome
1	Dr. K. Indra Gandhi	Language Technologies Research Centre, IIT, Hyderabad (IASNLP-2024)	21st June to 6th July 2024	Project titled “Headnote generation on Indian Judiciary using NLG ” presented in IIT, Hyderabad.

20. Achievements of Faculty:

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr. C.Tharini	Best jury Award,Best project certification & best mentor	IETE center	March 2024
2	Dr.Anusooya	Honoring	ELITECOM 2024	Feb 2024
3	Dr.Jean Sjlpa	Honoring	ELITECOM 2024	Feb 2024
4	Dr.R.Anitha	Honoring	ELITECOM 2024	Feb 2024
5	Dr.A.Priya	Certificate of Honor & Appreciation	ICA5NT 2024	March 2024
6	Dr.K.Indra Gandhi	Appreciated by IIT professors	IASNLP 2024	July 2024

21. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.) :

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1	Ambika	Introduction To Industry 4.0 And Industrial Internet Of Things	NPTEL	July - December 2023
2	Anitha R	VLSI Design Flow: RTL to GDS	NPTEL	July - December 2023
3	Dr V Jean Shilpa	VLSI Design Flow: RTL to GDS	NPTEL	July - December 2023
4	Iniyavan R	Introduction To Industry 4.0 And Industrial Internet Of Things	NPTEL	July - December 2023

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
5	M Selvakumar	VLSI Design Flow: RTL to GDS Industrial Safety Engineering	NPTEL	July - December 2023
6	Parnasree Chakraborty	Introduction To Industry 4.0 And Industrial Internet Of Things	NPTEL	July - December 2023
7	Ramesh Kumar A	Introduction To Industry 4.0 And Industrial Internet Of Things Social Innovation In Industry 4.0	NPTEL	July - December 2023
8	S Anusooya	VLSI Design Flow: RTL to GDS	NPTEL	July - December 2023
9	Ambika	Sensors and Actuators	NPTEL	January -May 2024
10	Anitha R	Sensors and Actuators	NPTEL	January -May 2024
11	Dr S Kalaivani	Sensors and Actuators	NPTEL	January -May 2024
12	Dr V Jeanshilpa	Sensors and Actuators	NPTEL	January -May 2024
13	Iniyavan R	Sensors and Actuators Machine Learning For Soil And Crop Management	NPTEL	January -May 2024
14	M Padma Usha	Computer Vision And Image Processing-Fundamentals And Applications	NPTEL	January -May 2024
15	Parnasree Chakraborty	Sensors and Actuators Machine Learning For Soil And Crop Management	NPTEL	January -May 2024
16	Ramesh Kumar A	RF and Microwave Networks	NPTEL	January -May 2024
17	Siva Shanmugavalli B	Introduction To Internet Of Things	NPTEL	January -May 2024
18	Syed Rafiammal S	Python for Data Science	NPTEL	January -May 2024
19	Vanmathi M	Sensors and Actuators	NPTEL	January -May 2024

22. Achievements of Students:

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Sriya Samanvita M	210051601105	Best Presentation/Paper presentation- "IOT Based Smart street Lighting and Air Quality Monitoring System"	(ICASEM) 2024 - jointly organized by Vidya Vihar Institute of Technology	30/05/2024 & 31/05/2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
			Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
2	Varsha.K.S	210051601118	participation/project expo-titled "Wearable Health Monitoring System"	IETE/ELITECOM	24/02/2024
			Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			Completion/Sensors and Actuators	NPTEL	January – April,2024
			participation/ paper titled "EMF Detector"	IETE/ELITECOM	21/09/2023
3	Mukul Shukla.L	210051601077	participation/project expo-titled "Wearable Health Monitoring System"	IETE/ELITECOM	24/02/2024
			Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			completion/CLAD Exam	NI MULTISIM	-
4	Samraj.R	210051601091	participation/project expo-titled "Wearable Health Monitoring System"	IETE/ELITECOM	24/02/2024
			Completion/IIT BOMBAY-PHP SQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
5	Mohammed Afsar.M.H	210051601067	certificate of merit[4th place]/"All India Inter University Korfball[Mixed] Tournament"	BSACIST	1.03.2024 - 3.03.2024
			certificate of merit/ "Mini Marathon"	BSACIST	22.12. 2023
			participation/"Mini Marathon"	SEESHA	26.11. 2023
6	Sai Vaishnavi	210051601088	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			certificate of appreciation/paper titled " Patch antenna design for enhanced Breast Cancer Detection"	NCETECCT held at Jerusalem College of Engineering	6.05.2024 7.05.2024
7	Vibin.V	210051601119	certificate of appreciation/paper titled " Patch antenna design for enhanced Breast Cancer Detection"	NCETECCT held at Jerusalem College of Engineering	6.05.2024 7.05.2024
			Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			Completion/IIT BOMBAY-SCILAB	IIT Bombay spoken Tutorial	17.05.2024
8	S.G.Thouseen	210051601096	certificate of appreciation/paper titled " Patch antenna design for enhanced Breast Cancer Detection"	NCETECCT held at Jerusalem College of Engineering	6.05.2024 7.05.2024
			Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			Completion/IIT BOMBAY-SCILAB	IIT Bombay spoken Tutorial	17.05.2024
9	Sinan Sajjaadh	210051601104	2nd place/project expo organized during MACHINEX 24	SIMATS Engineering	20.03. 2024
			certificate of participation/project titled "Identification of Plants/Raw Materials using CNN and displaying its healthcare uses with chatbot"	IETE/ELITECOM	24/02/2024
10	Syed Ibrahim P.M	210051601109	2nd place/project expo organized during MACHINEX 24	SIMATS Engineering	20.03. 2024
			certificate of participation/project titled "Identification of Plants/Raw Materials using CNN and displaying its healthcare uses with chatbot"	IETE/ELITECOM	24/02/2024
11	Suha Fathima.S	210051601106	participation/paper titled "EMF Detector"	IETE/ELITECOM	21.09.2023

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
			participation/project titled "Air Quality Monitoring System"	IETE/ELITECOM	24/02/2024
			Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			certificate of appreciation/paper titled "Design and Simulation of square loop antenna for modern wireless communication system"	NCETECCT held at Jerusalem College of Engineering	6.05.2024 7.05.2024
12	Shrinaath	210051601103	completion/Sensors and Actuators	NPTEL	January –April, 2024
			Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
13	Vishal Aditya	210051601121	participation/paper titled "Design of 5G rectangular antenna at 3.5GHz frequency"	IETE/ELITECOM	May 2024
			Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
14	Nitesh	210051601081	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			1st place/skill and personality development (SPDC) CREATIVE ART	BSACIST	29/02/2024
15	Ramya K	210051601126	Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			Completion/Sensors and Actuators	IETE/ELITECOM	January –April, 2024
16	Turika.N	210051601116	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
			participation/project titled "Air Quality Monitoring System"	IETE/ELITECOM	24/02/2024
17	Yuvashree.R	210051601124	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
18	Mohammed Amir Khan Lodi	210051601066	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			Completion/International studies in Vernacular architecture	NPTEL	January – April 2024.
			participation/"Pitch for the Planet" contest	IIT Madras	26.07.2023 - 28.07.2023
			certificate of appreciation/project-"Environmental monitoring" gas	IETE/ELITECOM	24/02/2024
			participation/Youth Talk	ICT Academy	03/10/2023
			1st Place/ISLAMIC Presentation	Crescent Islamic Cultural Society	28/02/2024
			winner/contest-"pitch yourself challenge"	BSACIST	03/11/2023
			Participation/Youth ministry talk on Digitalization & Innovation	ED U Global IGEN Partnered	18/02/2024
19	Abiram.S	210051601007	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
20	Sandhya.S	210051601092	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
21	Saifudeen.S	210051601089	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
22	Tholkapiyan	210051601115	Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
			participation/paper titled "Design of 5G rectangular antenna at 3.5GHz frequency"	IETE/ELITECOM	May,2024
23	Mohammed Thanveer.M.G	210051601074	1. chatbot using tf idf and cosine similarity	Crescent Expo 2023	2023
			2. understanding internship on ai based chatbot(langchain)	Crescent Expo 2023	2023
24	Surya Prakash.S	210051601107	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
25	E.Preethi Rangan	210051601085	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
			Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
26	Vignesh	210051601120	Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
27	Nandhu Krishna K S	210051601080	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
28	Noohu Afeef Maraicar	210051601082	Completion/IIT BOMBAY-LINUX	IIT Bombay spoken Tutorial	30/01/2024
29	Muhammad Farooq	210051601076	Completion/IIT BOMBAY-PHP & MySQL	IIT Bombay spoken Tutorial	21/05/2024
30	Abhishek.D	210051601008	II prize / Channel Surfing	Crescent-EXON 2024	26.03.2024
			I Prize / Variety Group	Puducherry Technology University – Rejour 2024	20,21,22 March 2024
			I Prize / Variety	Vels - Nakshatra 2024	20.03.2024 - 21.03.2024
			I Prize/ Variety	SRM Milan	2024
			I Prize/Variety	Anand Institute of Higher Technology/ Rollick 2k23	28.10.2023
			participation/ Adzap	Guru Nanak college /Elysium 2024	1.02.24 & 2.02.24

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
31	Mohamed Rasin	210051501061	Participation/ Project Expo	IETE/ Eliteccom 2024	24.02.2024
32	D.CharuBala	210051601028	Participation/ presentation Paper	PSR Engineering College	3.05.2024
33	Amala Jeevitha	210051601015	Participation/ presentation Paper	PSR Engineering College	3.05.2024
34	Keerthana.S	210051601047	Appreciation/Paper Presentation	Velammal Institute of Technology	21.03.2024 - 22.03.2024
			Participation/ Presentation Paper	IETE/Eliteccom 2023	21.09.2023
			Completion/ Sensors and Actuator	NPTEL	January-April, 2024
			Completion/Joy of computing with python	NPTEL	July-October 2023
			Completion/PHP and MySql	IIT Bombay Spoken Tutorial	May,2022
			Completion/Linux	IIT Bombay Spoken Tutorial	30.01.2024
			Completion/ML pipelines using Azure	Coursera	June 2023
			Completion/Chatbot	Coursera	October 2023
35	Dhivya Lakshmi.G	210051601031	Appreciation/Paper Presentation	Velammal Institute of Technology	21.03.2024 - 22.03.2024
			Participation/ Presentation Paper	IETE/Eliteccom 2023	21.09.2023
			Completion/ Sensors and Actuator	NPTEL	January-April 2024
36	Mohamed Faizal	210051601056	Participation/ Project Expo	IETE/Eliteccom 2024	24.02.2024
	Mohamed Musharaf A	210051601060	Participation/ Project Expo	IETE/Eliteccom 2024	24.02.2024
37	Logesh kumar. M	210051601052	Participation/ Project Expo	IETE/Eliteccom 2024	24.02.2024
38	Gokul vasan. R	210051601034	Participation/ Project Expo	IETE/Eliteccom 2024	24.02.2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
39	Karthick maarish	210051601044	Participation/ Project Expo	IETE/Eliteccom 2024	24.02.2024
40	Mohamed shabeer	210051602005	Machine learning	-	-
41	Ahamed	210051602002	First Place/Sports Hackathon	Government Hackathon	30.10.2023 and 1.11.2023
			Completion/Digital Electronics	NPTEL	January-April 2024
42	Anirudh	210051602003	First Place/Sports Hackathon	Government Hackathon	30.10.2023 and 1.11.2023
			Completion/Digital Electronics	NPTEL	January-April 2024
			Completion/Analog Circuits	NPTEL	January-March 2024
43	Hafeez Ahamed	210051601036	Winner/Football Match	Commerce department, Crescent	23.04.2024-24.04.2024
44	Mohamed Jaasir	210051602004	Winner/Football Match	Commerce department Crescent	23.04.2024-24.04.2024
45	Mothish Kumar	210051602007	First Place/Sports Hackathon	Government Hackathon	30.10.2023 and 1.11.2023
46	Mr.B.'S.Afroz Mohammed	-	presented a paper	CARE college of Engineering College, Dindugal and SRM ,Vadapalani	August 2023
47	Ms.Anushka G.Ghalagi	-	First place in Beat Breakers, inter-collegiate competition	Department of English, BSACIST	29.04.2024.
48	Ms.Isha Pooja	-	Dance performance in Sangamam Tamil Mandram.	Orion organized by ISTD-C and EGT organized by department of ECE, BSACIST	February and April 2024.
49	Mr.S.Sajid Ahamed	-	Man of the match award	Madurai 2nd division Cricket Match	23/7/23 and 30/7/23.
50	Mr.S.Sajid Ahamed	-	Best Performer(Bats man) award	GRT cricket tournament	23/2/2023

23. Details of credit transfer through NPTEL/Swayam/MOOC courses/ SWAYAM-NPTEL:

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1	Ajitha Kamali P	200051601001	noc23_CS82 Introduction to IOT & Industrial Internet of Things	3	B
2	Akilan.U	200051601002			A
3	Ameenul Hasan A	200051601003			A
4	Aniesh Khan	200051601004			C
5	Anujith P	200051601005			C
6	A.S.Arshiya Mehaajabbin	200051601006			A
7	Asjath S	200051601007			B
8	Harini.A	200051601009			C
9	O A Jawadur Raffiwoo	200051601010			S
10	Joshua John	200051601011			B
11	S.Kalaivani	200051601012			A
12	Khaja Muzamil Ahmed Mohiuddin	200051601015			A
13	Krithica	200051601016			S
14	Manavendra .A	200051601017			B
15	Mohamed Aslam .N.M	200051601018			A
16	Mohamed Fairoz Alam. Z	200051601019			B
17	Mohamed Hassif Y	200051601021			A
18	Mohamed Ibrahim	200051601022			A
19	Mohamed Thajmeel	200051601023			A

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
20	Priyanka.S	200051601025			S
21	M.Rasheena Farah	200051601026			A
22	Roshan Akthar	200051601027			A
23	Shaik Abid	200051601028			B
24	Shaik Afroz	200051601029			B
25	Mh Shaik Tahir	200051601030			A
26	Shameel Ahamed M	200051601032			A
27	Shanmuganathan J	200051601033			A
28	A.Sharmila	200051601034			A
29	Sheghu Rahmathullah.A	200051601035			B
30	Sippyralin Benita	200051601036			A
31	I.S.Souban.	200051601037			B
32	Sufi Mohammad Shumeel	200051601038			A
33	Surya.H	200051601039			B
34	Syed Saadath	200051601040			A
35	Syed Sahir	200051601041			A
36	Thameena Parveen	200051601042			A
37	Venkatesh. S	200051601043			A
38	Sai Prathyusha . N	200051601044			S
39	Shaik Muhammad Shoib Razakh	200051601045			B

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
40	Balakrishnan	200051602001			B
41	Hameed Farmanullah Sahib J S M	200051602002			B
42	Hemanathan C	200051602003			B
43	Jagadish P	200051602004			B
44	Lekha J	200051602008			B
45	Mohamed Jassim J	200051602012			D
46	Mohammed Ashiq	200051602013			B
47	Mohammed Saif M H	200051602014			B
48	Nallam Setty Venkata Kiran	200051602016			B
49	Sharan B	200051602020			A
50	Srivatson S	200051602021			A
51	Syed Imthiyaz N	200051602023			B
52	Ujjay Singh H	200051602024			B
53	Kathiravan D	200051602007			B
54	Mohamed Afiq S	200051602010			C
55	Mohamed Ijaz J	200051602011			C
56	Santhosh R	200051602019			C
57	Suhail Sharief	200051602022			B
58	Ajitha Kamali P	200051601001	noc23_mg98 Industrial Safety Engineering	3	B
59	Santhosh R	200051602019	noc24_ee59, Optical wireless	3	C

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
60	Tanishq K	190051601042	communications for beyond 5G Networks and IoT	3	A
61	Karthick G	200051602006	noc24_cs34, Introduction to industry 4.0 and industrial internet of things	3	D
62	Santhosh R	200051602019	noc24_cs19, Computer Networks	3	B
63	Mohan. S	200051604009	noc24_ee46 Microprocessors and Microcontrollers	3	B
64	Balamurugan B	200051604001			A
65	Balan Mathew. T	200051604002			B
66	Balasubramanian. N	200051604003			D
67	Dineshkumar. M	200051604004			D
68	Gandhi. S	200051604005			D
69	Geetha. T	200051604006			S
70	Immanuel. N	200051604007			B
71	Kalaivanan. S	200051604008			C
72	Palaniraj. M	200051604010			A
73	Yogesh. A	200051604011			C
74	Balasubramanian. N	200051604003	mg 98 - Industrial Safety Engineering	3	C
75	Dineshumar. M	200051604004			D
76	Gandhi. S	200051604005			C
77	Geetha. T	200051604006			B

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
78	Immanuel. N	200051604007			C
79	Kalaivanan. S	200051604008			B
80	Palaniraj. M	200051604010			C
81	Balamurugan B	200051604001			D
82	Balan Mathew. T	200051604002			D
83	Mohan. S	200051604009			C
84	Yogesh. A	200051604011			D
85	Balamurugan B	200051604001	mg 107 - Project Management for Managers	3	A
86	Balan Mathew. T	200051604002			A
87	Geetha. T	200051604006			A
88	Kalaivanan. S	200051604008			A
89	Mohan. S	200051604009			A
90	Palaniraj. M	200051604010			A
91	Balasubramanian. N	200051604003			D
92	Dineshumar. M	200051604004			D
93	Gandhi. S	200051604005			D
94	Immanuel. N	200051604007			C
95	Yogesh. A	200051604011			C
96	Balamurugan B	200051604001	ee 131 – Deep Learning	3	B
97	Geetha. T	200051604006			B

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
98	Immanuel. N	200051604007			B
99	Yogesh. A	200051604011			B
100	Balan Mathew. T	200051604002			C
101	Balasubramanian. N	200051604003			E
102	Dinesh	200051604004			E
103	Gandhi. S	200051604005			D
104	Kalaivanan. S	200051604008			C
105	Mohan. S	200051604009			E
106	Palaniraj. M	200051604010			C
107	Balamurugan B	200051604001	ee 118 - Digital Image processing	3	D
108	Balan Mathew. T	200051604002			D
109	Geetha. T	200051604006			C
110	Immanuel. N	200051604007			D
111	Kalaivanan. S	200051604008			C
112	Mohan. S	200051604009			C
113	Palaniraj. M	200051604010			C
114	Balasubramanian. N	200051604003			E
115	Gandhi. S	200051604005			E
116	Yogesh. A	200051604011			E
117	Manikandan.K	221242601004	noc23_EE137 VLSI design flow: RTL	3	S

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
			to GDS		
118	Manikandan.K	221242601004	noc23_GE40 Fundamentals of Artificial Intelligence	3	B
119	Manikandan.K	221242601004	noc23_MG107 Project Management for Managers	3	C

24. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1.	Open house exhibition	One day (24.4.24)	Diploma and school students	1.A Strategic Approach To Achieve Your Goals With ECE 2.showcase their project talent in (i) Project Display (ii) Poster Presentation (iii) Technical Quiz (iv) Photography	Department facilities branding to outside students. ECE related job opportunities known to both diploma and school students.

25. Industry / Institute Collaboration :

S.No	Name & Detail of Industry	Type of Collaboration	Month & Year	Status	Outcome
1	Edveon Technologies	MoU	17.5.24	ongoing	Workshop conducted on "VLSI-Chip Design Verification" on 25.3.2024.

26. Professional Society Activities:

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1.	IE & IETE	Certified Labview Associate Developer (CLAD) 24.07.23 to 09.08.23 10.08.23,11.08.23,14.08.23,16.08.23 to 18.08.23	-	44	-	Mr. Anish Kumar, Director, Aadhyaa Skills Research and Development	Certification in LabVIEW

2	IE & IETE	Workshop on “VLSI-Chip Design Verification” March 25th 2024	-	20	29	Mr. Hariharan VS, Vice President HRBP Edveon Technologies Pvt Ltd & Trainers from Edveon	Knowledge on VLSI design verification
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27. MoUs Signed :

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU		
			Day	Month	Year
01	Edveon Technologies	MoU	17	5	2024
Outcomes :- 1.Possible joint research proposal to the appropriate agencies for securing research grants/funds 2.Value added course shall be offered for BE/B.Tech/M.Tech/Research Scholars from Institute and other institutions as well as from industry. 3. Placements will be arranged for B.Tech (ECE) / (E&CE) / EEE & EIE students and for M.Tech (VLSI) students. 4.workshop conducted on “VLSI-Chip Design Verification” on 25.3.2024.					

28. Extension Activity Conducted:

S.No	Type of extension activity	No. of Participants		Details of beneficiaries	Programme duration	Outcome
		Faculty	Student			
1	Testing Consultancy using VNA	1	4	6000	1 hr (each testing)	Revenue generation and visibility to the department

29. Important Visitors :

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1	Dr.Praveen Sekhar Associate Prof.	Washinton state University	27/06/2023	Emerging Techniques for Sensor development
2	Mr. Vignesh R, Cloud Architect	HCL Technology, Chennai	26/09/23	Introduction to DevOps
3	Dr. Muttan, Professor	Anna university	9/11/2023	Course Outcome/ Program outcome
4	Dr.S.Arunmozhi, Prof/Head	ECE /MVIT	09/01/2024	Outcome based Education

5	Dr.R.Maheswari, Director & Professor School of Computer Science and Information Tech.	Symbiosis Skills and Professional University, Pune.	09/03/2024	Empowerment of Data analytics in Machine learning & IoT
6	Shri Ranjani Business Development Executive	Edveon Technologies Chennai	15/03/2024	Chip Design Verification
7	Mr.Vignesh and Mr.Adhithyan	Microchip Technology (India) Pvt Ltd	25/04/2024	Real-World Applications of VLSI: From Concept To Creation And Emerging Ethernet Technologies

30. Photographs with relevant captions for Important Activities :



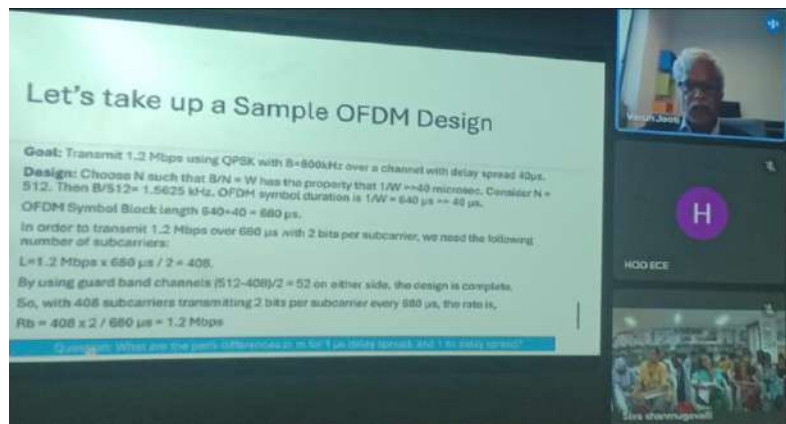
The Department of ECE Signed an MoU with Edveon Technologies, (VLSI Chip testing and verification industry), Chennai on 17.05.2024



Dr Praveen Sekhar Associate Professor Director of Nanomaterial and Sensor Laboratory Washington State University Visited ECE department on 04-08-2023



Dr Janet Light Professor UNB visited the ECE dept of ECE on 27-06-2023



ECE Department conducted the supplementary course on “OFDM, Recent trends on Wi-Fi & Wi-Max” for Final year ECE Students from 03.10.2023 to 09.10.2023.

Resource Person: Prof. Dr. VARUN JEOTI, ERA Chair Holder, STRENTX Project, Faculty of Technical Sciences, University of Novi Sad.



The Department of ECE has organized a workshop on “VLSI-Chip Design Verification” on 25.3.2024 in coordination with Edveon Technologies Pvt Ltd, Chennai

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

1. Value Added Programmes Offered

S. No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	LaTeX	18.01.24 to 10.04.24	30 hrs	IIT Bombay Spoken Tutorial	32	-	-
2	Python 3.4.3	18.01.24 to 10.04.24	30 hrs	IIT Bombay Spoken Tutorial	19	-	-
3	Arduino	18.01.24 to 10.04.24	30 hrs	IIT Bombay Spoken Tutorial	11	-	-
4	QCAD	10.08.23 to 31.10.23	30 hrs	IIT Bombay Spoken Tutorial	6	-	-
5	Web Development - JavaScript	10.08.23 to 31.10.23	30 hrs	IIT Bombay Spoken Tutorial	29	-	-
6	RDBMS PostgreSQL	10.08.23 to 31.10.23	30 hrs	IIT Bombay Spoken Tutorial	25	-	-

2. Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	Certificate Course on Safety Instrumentation Systems	25.01.24 to 31.01.24	3 hours per day	Participants from academic institutions - Rs.3500/- Participants from industries - Rs.5000/- For Students - Rs.2500/- Mr Ameer Ashik, Vice President, Sales (Wind) ABB AS, OSLO, Norway	6	1	4

3. Details of Minor Degree Programmes offered

S.No.	Name of Programme	Details of Students		
		Department	Name of Student	RRN
1	Industrial Automation	Aerospace Engg	Shariq Alam Ansari. N	200091601018
2		ECE	Mohammed Aamir Khan Lodi	210051601066

4. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	B.Tech EIE	IV	-	32	Dr.G.Anitha Dr.J.Susai Mary	Excel Die Castings, Thirumudivakkam,	01.03.24 One day

S.	Participant Details				Name of faculty	Industry Visited	Date /
						Chennai	visit
Outcome of the Visit: <ul style="list-style-type: none"> Students got to see automation systems and machinery in action, bridging the gap between theoretical knowledge and practical application. Students observed how different processes are integrated and managed in a real industrial setting. 							
2.	B.Tech EIE	V	-	26	Dr.D.Najumnissa Jamal, Prof & Head Dr.M.S.Murshitha Shajahan, Asso.Prof Dr.P.R.HemavathyA P(Sel.G) / EIE	Geco Tech Company – Coimbatore Texmo Industries – Coimbatore Kundha Hydro Power Plant – Ooty	29.9.23 FN / 3hours 29.9.23 AN / 4hours 30.9.23 FN / 4hours
Outcome of the Visit: <ul style="list-style-type: none"> The students got an opportunity to interact with the company's head and converse with him about the industrial field works. Students understood the importance of Instrumentation and the importance of a field job that would help them to build a fruitful career. 							
3	B.Tech EIE	VI	-	26	Dr.D.Najumnissa Jamal, Prof & Head Dr.M.S.Murshitha Shajahan, Asso.Prof	VANITEC Vaniyambadi	28.2.24 4 Hours
Outcome of the Visit: <ul style="list-style-type: none"> The students understood the importance of waste water treatment. Collected waste water, and published paper in International conference on Spatial Variability of pH and its Association with Unknown Organic Compounds in Water Samples from Selected Locations of TN and AP in the 2nd International Conference on Technological Advancements in Science, Engineering and Management (ICTASEM-24) held during 26th & 27th April 2024 at JCT College of Engineering and Technology (Autonomous), Coimbatore, Tamilnadu. One student attended internship during summer vacation 							
4		VI	-	28	Dr.D.Najumnissa Jamal, Prof & Head Dr.M.S.Murshitha Shajahan, Asso.Prof	TANSAM (Tamil Nadu Smart and Advanced Manufacturing), Tidel Park, Chennai	21.3.24 3 Hours
Outcome of the Visit: TANSAM (Tamil Nadu Smart and Advanced Manufacturing) is the state-of-the-art Industry Centre of Excellence which is powered by Siemens, which is a global leader in digital transformation solutions. <ul style="list-style-type: none"> The students understood Industry 4.0, Digital twin(smart factory), 3D printing and AR & VR development. Around 6 students went for internship at the Siemens Centre at MIT which has a Siemens centre in collaboration with TANSAM 							
5	B.Tech EIE	II	-	25	Dr.P.R.Hemavathy, AP(Sel.Gr)/EIE Dr.J.Susai Mary, AP/EIE	VI Microsystems pvt ltd, chennai	3.4.24 / 10.00 am to 12.30 pm
Outcome of the Visit: Students learnt the fabrication of the electrical and electronic components.							

5. Conferences / FDP / Seminars / Workshops Organized by the department

S.No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Neuro-controller for	Guest lecture	20.03.2024	MIT, Anna University	5	29	-	-

	Inverted Pendulum							
Details of Keynote Speaker: Dr.N.Pappa, Professor, Department of Instrumentation Engineering, MIT Campus, Anna University								
2.	Global opportunities for Instrumentation Engineers	Seminar	26.04.2024	Dow Chemicals International Pvt.Ltd, Chennai.	5	29	-	12
Details of Keynote Speaker: Mr.N.Arumuga Perumal, Senior Hardware Discipline Manager, Dow Chemicals International Pvt.Ltd, Chennai								
3	Engineering Education in India- The future of Interdisciplinary Programmes	Seminar	06.04.2024	-	5	15		15
Details of Keynote Speaker: Dr.D.Dinakaran, Senior Technical Manager, HCL Technologies, Chennai								
4	Python programming using Raspberry pi	Hands on training	30.4.24	VI Microsystem s pvt ltd, chennai	-	32		
Details of Keynote Speakers: Mr.Suresh, Senior R&D Engineer, VI Microsystems Pvt Ltd, Chennai								
5	The Future of Energy	Guest Lecture	28.03.2024	-	5	40		
Details of Keynote Speakers: Mr.Birendra Nayak, Director Business & Pricing, General Electric UAE								
6	Underwater Robots and Applications	Webinar	4.10.2023	UCSI University	3	45		
Details of Keynote Speakers: Dr Mohamed Khan Afthab Ahamed Khan, Assistant Professor, Department of Mechanical Engineering, Faculty of Engineering, Technology & Built Environment, UCSI University, Malaysia								
7	An overview of Medical Imaging Equipments and Technology	Seminar	13.09.2023	-	6	55		
Details of Keynote Speakers: Dr.Kuppusamy Thayalan, Consultant Medical Physicist & Radiological Safety Officer (RSO), Honorary Professor, Anna University and Former Professor, Madras Medical College								

6. **Details of Financial Support / Sponsorship received for organizing various events:**

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1	Workshop on Machine learning and Deep learning for Bio-medical applications (19.12.23 to 20.12.23)	Rs 5000/-	Madras IEEE Students chapter
2	Project contest for the polytechnic students	Rs. 5000/-	Tealot Infrasy, Chennai

7. **Conferences / FDP / Seminars / Workshops Attended by faculty.**

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1	Dr. G.Anitha	Harnessing Artificial Intelligence for health care excellence: Innovations, insights and Impacts	FDP	24.06.24 to 29.06.24	SRM IST
2	Dr.J.Susai Mary	Fuzzy Logic and Neural Networks	FDP	January-March 2024	NPTEL
3	Dr.M.S.Murshitha Shajahan, Asso.Prof	Certificate Course on Safety Instrumentation Systems	5 days training programme	25.1.24 to 31.1.24	BSACIST
4	Dr.M.S.Murshitha Shajahan, Asso.Prof	"Artificial Intelligence and its Applications in Communication, Signal Processing, Image Processing and Computing Applications"	one week faculty development programme	06.11.23 - 10.11.23	Department of ECE, CMR Institute of Technology, Bengaluru.
5	Dr.P.R.Hemavathy	FDP`	Online	July - October 2023	NPTEL
6	P.R.Hemavathy	FDP`	Online	January - April 2023	NPTEL
7	P.R.Hemavathy	International workshop	Offline	27.05.2023 - 29.05.2023	IE Department, M.I.T, Anna University, Chennai
8	H.Kareemullah	Artificial Intelligence and its Applications in Communication, signal processing, Image processing and Computing Applications	FDP	6.11.2023-10.11.2023	CMRIT
9	H.Kareemullah	Interdisciplinary insights: Data Science, Machine learning and Cyber Security	FDP	19.02.23 - 24.2.23	Jain University
10	H.Kareemullah	Outcome Based Education	Workshop	9.03.2024	BSACIST
11	H.Kareemullah	Harnessing Artificial Intelligence for Health care excellence: Innovations, Insights and Impacts	FDP	24.6.2024	SRM IST
12	Dr.J.Susai Mary	Fuzzy Logic and Neural Networks	FDP	January-March 2024	NPTEL
13	D.Najumnisssa	Outcome Based Education	One Day Workshop	9.1.2024	The office of Dean Academic Affairs and SECS, BSACIS&T
14		Recent Trends in Biological Sciences (ISRTBS-2024)	International Seminar	13.2.24	BSARCIST, Chennai in association with Microbiologists Society India (MBSI)

15		“Interdisciplinary Insights: Data Science, Machine Learning, and Cyber Security”	online FDP	19.2.24 to 24.2.24	School of computer Science Engineering, JAIN Deemed to be University, Bangalore
16		Mastering E-Content Development	National Level Faculty Development Programme	28.2.24 to 7.3.24	Centre for Distance and Online Education, BSACIS&T
17		Outcome Based Education	One Day Workshop	9.3.24	School of Electrical and Communication Engineering, BSACIS&T
18		Recent Trends and Technologies in Smart Farming	Webinar	23.05.2024	Centre for Distance and Online Education, BSACIS&T
19		Harnessing Artificial Intelligence for Healthcare Excellence: Innovations, Insights and Impacts”	Six Days Online International Faculty Development Program	24.6.24 to 29.6.24	Department of Biomedical Engineering, SRM Institute of Science and Technology, Ramapuram

8. Papers Published/ Presented in Journals & Conferences (July 2023-June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	12	2	-	-	8	2	24

9. Details (list)of Publication in National & International Journals &Conferences: (IEEE Format)

International Journal&National Journal

a) SCI/Scopus Indexed Journal

1. R. Karthikha , **D. Najumnissa Jamal** , S. Syed Rafiammal, An approach of polyp segmentation from colonoscopy images using Dilated-U-Net-Seg – A deep learning network, International Journal of Biomedical Signal Processing and Control, Volume 93, March, 2024, 106197, ISSN 1746-8094, <https://doi.org/10.1016/j.bspc.2024.106197>, **SCOPUS, IF 4.9 – Q1**
2. Balasubramanian Chinnappan, **Kareemullah Hakim**, Neelam Sanjeev Kumar, Vijayalakshmi Elumalai “Blockchain and IoT integration for secure short-term and long-term air quality monitoring system using optimized neural network” Environmental Science and Pollution Research, 2024
3. DU Mageswari, **H Kareemullah**, K Jithesh, S Boopathi “Experimental investigation of mechanical properties and multi-objective optimization of electronic, glass, and ceramic waste–mixed concrete” Environmental Science and Pollution Research, 2024
4. Senthamil Selvi, M. *, Subbaiyan, Saranya, **Murshitha Shajahan**, M.S. “Revolutionizing power grid loss prediction with advanced hybrid time series deep learning model” Journal of Intelligent & Fuzzy systems, IOS Press, DOI: 10.3233/JIFS-235579, April 2024.
5. Mohammed El Hadi Attia, **M.S.Murshitha Shajahan**, Savithiri Vembu, A.E. Kabeel, Mohamed Abdelgaied, Saboor Shaik, " Improving the hemispherical solar still yield using micro/nano particles of copper oxide,

in different proportions: energy, exergy, and cost effective analysis"; Iranian Journal of Chemistry and Chemical Engineering., Jan 2024. IF: 1.8

6. Mohammed El Hadi Attia, **M.S.Murshitha Shajahan**, Muthu Manokar, Ahmed Kadhim Hussein, Elimame Elaloui, Hussein Togun, Lioua Kolsi, " Experimental studies on the effect of nanofluid and glass cooling on the performance of hemispherical solar still: Energy and Exergy Approach, Iranian Journal of Chemistry and Chemical Engineering";, Jan 2024. IF: 1.8
7. **Susai Mary J**, Sai Balaji M. A, Dinakaran D, 'Hybrid adaptive control of CNC drilling for enhancement of tool life and surface quality', Insight – Non-Destructive Testing and Condition Monitoring, Volume 65, Number 10, October 2023, pp. 570-578.
8. **J. SusaiMary, P. R. Hemavathy**, S. Kiran, Fractional Order Predictive Proportional Integral Control of pH in Effluents of Industrial Plants, International Journal of Environmental Health Engineering. 13(1):2, February 2024.**Scopus, Q4**

b) Other journals

1. Ahmed, Suhail, Heeba Nasser, and **Najumnissa Jamal D**. "Study of Botanical Music Integration using the Touché method." Journal of Electronics and Informatics 6, no. 2 (2024): 185-195, **Google Scholar indexed**
2. Mary, J.S., Hemavathy, P.R., Kiran, S."Fractional Order Predictive Proportional Integral Control of pH in Effluents of Industrial Plants", International Journal of Environmental Health Engineering, 13(1), 2, 2024.

International Conference& National Conference:

c) Conference with ISBN Proceedings

1. G.Anitha, P.Harini, V.Chandru, S.Abdullah "Pest Detection and Identification in Rice Crops using Yolo V3 Convolutional Neural Network " International IEEE conference on Emerging Technologies for Sustainable Development, Raigarh,Chhattisgarh ,May 2024.
2. H Kareemullah, Aadam Quraishi, GC Prashant, Mohammad Shabaz, Archana Kollu, Mukta Sandhu "Combination kernel support vector machine based digital twin model for prediction of dyslexia in distributed environment"
3. https://books.google.co.in/books?hl=en&lr=&id=YmAOEQAAQBAJ&oi=fnd&pg=PA33&dq=info:vuuJRwF9GxEJ:scholar.google.com&ots=Bm7F8pAw2s&sig=Px7dpZT6xMI1ZQYsdArHjD2qYc0&redir_esc=y#v=onepage&q&f=false
4. R. Karthikha , D. Najumnissa Jamal , Mahabuba Abdur Rahim, S. Syed Rafiammal, Enhancing colonoscopy image resolution employing scaling and Interpolation, at the **IEEE 6th** International Multi conference on Advances in Science and Engineering Technology ASET2024, organized by Higher Colleges of Technology – Dubai Mens campus, Dubai on 3.6.2024
5. Abdullah Khalid, Suhail Ahmed I, Kotwal Mohammed Sadaan, Athillbrahim.S, RasheedulArifudeen H, AbubackerSiddiq, K ,**Najumnissa Jamal D**, Conductivity and UV-Vis Analysis of Water Samples from Various Locations,14th International Conference on Science and innovative Engineering ICSIE 2024, organized by Prince DR K Vasudevan College of Engineering and Technology, Chennai, Tamil Nadu, Manipal University College, Malaysia and OSIET, Chennai during , 27th – 28th April **2024. ISBN 978-81-971598-4-8**
6. Varshini VK, Maria Gracelin I S, Rajalakshmi S, Gaythri SS, Sakeena Rasheed, Sylvia Suzan A, **Najumnissa Jamal.D**, Identification of Synthetic Food Colours Adulteration using Colour Candies by Paper Chromatography,14th International Conference on Science and innovative Engineering ICSIE 2024, organized by Prince DR K Vasudevan College of Engineering and Technology, Chennai, Tamil Nadu, Manipal University College, Malaysia and OSIET, Chennai during , 27th – 28th April **2024. ISBN 978-81-971598-4-8**
7. Mangayarkarasi.T, **Najumnissa Jamal D**, KajaMohideen Renal Anomalies through Ultrasound Imaging and Segmentation Techniques, Tenth International **IEEE** Conference on Biosignals, Images, and Instrumentation (ICBSII 2024), organized by the department of Biomedical Engineering, SSN Engineering college in association with Drexel University, Philadelphia, USA from 20.3.24 to **22.3.24**

8. Karthikha R, **Najumnissa Jamal D**, Enhancing Colonoscopy Image Quality with CLAHE in the GASTROLAB Dataset, IEEE Third International Conference on Innovative mechanisms for Industry Applications (ICIMIA), during **21.12.23 to 23.12.23**, organized by Dayananda Sagar College of Engineering, Bengaluru.
9. Mangayarkarasi.T, **Najumnissa Jamal D**, Kidney Abnormalities Prediction in Ultrasound Images using Transfer Learning Approach, IEEE International Conference on Advances in Computational Intelligence and Communication (ICACIC 2023), held on 7th & 8th December 2023., organized by Puducherry Technological University, Puducherry.
10. Mangayarkarasi.T, **Najumnissa Jamal D**, Machine Learning Based System for Nephrologist to Classify Diabetic Kidney Disease, IEEE – International Conference on Intelligent computing and control for Engineering and Business systems – ICCEBS2023 organized by Sri Sairam Engineering College, India during December 14 & 15, 2023.
11. Najumnissa D., Karthikha R ,Murshitha Shajahan M.S, Analysis of Stuttered speech using MFCC and Naïve Bayes Classifier, International Congress on Scientific Research November 5-7, 2023 by IKSAD Institute , Turkey, ISBN: 978-1-955094-56-6.
12. Murshitha Shajahan M.S, **Najumnissa D.**, Karthikha R Controller Design For Thermal Power Plant In Tamilnadu, International Congress on Scientific Research November 5-7, 2023 by IKSAD Institute , Turkey, ISBN: 978-1-955094-56-6.

d) Other Conferences

1. **Najumnissa Jamal . D**, Mohamed AbubackerSiddiq, K, Rakesh Madhav, R, Mohammed NoordheenFazil, M, Sabarinathan, R, Spatial Variability of pH and its Association with Unknown Organic Compounds in Water Samples from Selected Locations of TN and AP in the 2nd International Conference on Technological Advancements in Science, Engineering and Management (ICTASEM-24) held during 26th & 27th April **2024** at JCT College of Engineering and Technology (Autonomous), Coimbatore, Tamilnadu.
2. Suhail Ahmed, Heeba Nasser, **Najumnissa Jamal D**, Study of Botanical Music Integration using the Touché method, 2nd International Conference on Electronics, Communication and Advanced Processing Systems, ICECAPS on **25.04.24**, organised by Department of Electronics and Communication Engineering, C.Abdul Hakeem College of Engineering and Technology, Ranipet, Tamilnadu, India.

10. Book(s) Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Name of the Publisher, country& Month of publication	Availability status
1	Dr.M.S.Murshitha Shajahan, Asso.Prof	<u>Book chapter</u> Algorithms for Intelligent Systems, Springer	Springer Nature Singapore Pte Ltd	-

11. Patents (Obtained / Applied)

S.No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1	Dr.M.S.Murshitha Shajahan, Asso.Prof	A System and Method for Automated Moulding Process” (202441012991), Indian Patent Office Journal, 22-02-2024	22.02.2024	07.06.2024	-

12. Details of Impact Factor of the Publication and H-Index of the department

- A) Range : 1.1 - 6.0
 B) Average : 2.95
 C) H-Index : 27

13. Details of new Research Laboratories Created

S.No	Name of the Lab	Details of Infrastructure		Value of Equipment procured in the Financial Year 2023-24 (Rs.)
		Land (sq.ft)	Construction Space (sq.ft)	
1	Crescent Biomedical Instrumentation Centre	-	-	82,824/-

14. International Visits by Faculty / Students

S. No	Name of the Faculty/Student	Name of the Institution/Industry	Country	Purpose	Period	Outcome
1	Dr.D.Najumnissa	High Scope Engineering FZC	Sharjah,UAE	For collaboration for placement and internships	3.6.24	Two students were placed and one student attended internship
2	Dr.D.Najumnissa	Higher colleges of Technology, Mens campus	Dubai	Presented paper at the International Conference ASET24	3.6.24	Collaborated with the faculty of HCT
3	Dr.A.Abudhahir	Global Sustainable Development Congress (GSDC), organized by Times Higher Education (THE),	Bangkok	attended sixteen sessions including workshops	10.6.24 – 13.6.24	To receive SDG awards for the Institute
4	Abdul Faalil	High Scope Engineering FZC	Sharjah,UAE	Internship	26.06.24 – 3.07.24	Learnt System Integration
5	Heeba Nasser	Mohammed Dossary Hospital	Saudi Arabia	Internship	21.07.23 -4.08.23	Project in Biomedical Instrumentation
6	Abdul Shajeed	Beebag Sdn Bhd	Malaysia	Internship	26.6.2023 to 25.8.2023.	Worked as Data Analyst
8	Abubuckar Sithik J	EcoLab Emirates, Trading LLC	Dubai, UAE	Internship	15.07.24 – 27.7.24	Water treatment and Process Plant

15. Achievements of Faculty

S. No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr. D. Najumnissa Jamal	recognized and received certificate of excellence for reviewing in outstanding	Journal of Global Agriculture and Ecology	August, 2023

		contribution to the quality of Journal		
2	Dr. D. Najumnissa Jamal	recognized and received certificate of excellence for reviewing in outstanding contribution to the quality of Journal	Asian Journal of Agricultural Extension, Economics & Sociology	July, 2023
3	Dr. D. Najumnissa Jamal	recognized and received certificate of excellence for reviewing in outstanding contribution to the quality of the Journal	Asian Basic and Applied Research Journal	October, 2023
4	Dr. D. Najumnissa Jamal	Appointment for external assessor for UiTM Academic Staff promotion	UITM	July, 2023
5	Dr. D. Najumnissa Jamal	BoS member	CSE dept, AI & ML, Sri Sairam Engineering College	30.05.24

16. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1	Dr.G.Anitha	Introduction to Soft Computing	NPTEL	March, 2024
		Introduction To Industry 4.0 and Industrial Internet of Things	NPTEL	October, 2023
2	Dr.M.S.Murshitha Shajahan, Asso.Prof	PLC & AC drive with Automatic & Manual Industrial Control	MOOC	July, 2024
3	Dr.P.R.Hemavathy	Neural Network and Fuzzy Logic control	NPTEL	June, 2023
4	Dr.P.R.Hemavathy	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	December, 2023
5	Dr.P.R.Hemavathy	Joy of computing with Python	NPTEL	April, 2024

17. Achievements of Students

S. No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Mr.Abdul Shajeed	200061602001	Paid Internship for two months \$500	Beebag Sdn Bhd – Malaysia	26.6.23 to 16.8.23

18. Details of credit transfer through NPTEL/Swayam/MOOC courses

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1.	Abdul Faail A J	210061601001	Introduction to Industry 4.0 and Industrial Internet of Things	3	S

2.	Abdullah Khalid	210061601002	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
3.	Abishek T	210061601003	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
4.	Abubuckar Sithik J	210061601004	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
5.	Gaythri S S	210061601006	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
6.	Humera Fathima J	210061601007	Introduction to Industry 4.0 and Industrial Internet of Things	3	A
7.	Kotwal Mohammed Sadaan	210061601008	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
8.	Maria Gracelin I S	210061601009	Introduction to Industry 4.0 and Industrial Internet of Things	3	A
9.	Mohamed Abubacker Siddiq K	210061601010	Introduction to Industry 4.0 and Industrial Internet of Things	3	A
10.	Mohamed Fazil S	210061601011	Introduction to Industry 4.0 and Industrial Internet of Things	3	C
11.	Mohamed Sathak M	210061601012	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
12.	Mohammed Noordheen Fazil M	210061601013	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
13.	Mohammed Shahul Hameed	210061601015	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
14.	Mohammed Thafrez K	210061601016	Introduction to Industry 4.0 and Industrial Internet of Things	3	A
15.	Praveen Kumar K	210061601017	Introduction to Industry 4.0 and Industrial Internet of Things	3	C
16.	Rajalakshmi S	210061601018	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
17.	Rakesh Madhav R	210061601019	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
18.	Rasheedul Ariffuddin H	210061601021	Introduction to Industry 4.0 and Industrial Internet of Things	3	C
19.	Sabarinathan R	210061601022	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
20.	Sakeena	210061601023	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
21.	Shaik Khadar Sharieef	210061601024	Introduction to Industry 4.0 and Industrial Internet of Things	3	B

22.	Shanthosh K	210061601025	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
23.	Suhail Ahmed I	210061601026	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
24.	Sylvia Susan A	210061601027	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
25.	Thennarasu R	210061601028	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
26.	Varshini V K	210061601029	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
27.	Athil Ibrahim.S	210061602001	Introduction to Industry 4.0 and Industrial Internet of Things	3	A
28.	Mohamed Shuaib M H	210061602002	Introduction to Industry 4.0 and Industrial Internet of Things	3	B
29.	Mohamed Fazil S	210061601011	Introduction to Machine Learning	3	E
30.	Mohammed Thafrez K	210061601016	Introduction to Machine Learning	3	C
31.	Thennarasu R	210061601028	Introduction to Machine Learning	3	C

19. Professional Society Activities

S. No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1	Society of Electronics and Instrumentation	Inauguration of the activities of the society of EIE on 23.8.23	8	62	6	Mr. P.Abdul Rahman, Deputy Manager, Control and Automation systems, SHAR ISRO Mr. Prahaladhan, Control and Automation systems, SHAR ISRO	Key note on Career Guidance of Electronics Engineers in Central Government organization
2	Society of Electronics and Instrumentation	Inauguration of the International Level Technical	7	62	200	Mr. Aravind Murugesan, Managing Director,	Keynote on Scope of Electronics and

		Symposium, Precision +, 31.10. 2023				Accenture Technology,	Instrumentation
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20. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1.	J.J.Kathir Babu Sunadari Kamaraj	Eaton –MTL Chennai	Placement drive for unplaced students of SECS on 5/7/2023	The outcome of the meeting is 1. Placement Opportunity for non- placed students with no backlogs for B.Tech ECE, EEE, and EIE 2. Internship opportunities for the third- year B.Tech students of EEE, ECE, and EIE 3. Renewal of the existing MoU for another three years
2.	Dr. D. Dinakaran	HCL Technologies Chennai	19.8.2023	Given suggestion for improvement in curriculum for the new program – SLAC meeting
3.	P. Harini	Trainee Engineer	19.8.2023	Given suggestion for improvement in curriculum for the new program – SLAC meeting
4.	V. Vishwanathan	Schnider Electric Chennai	19.8.2023	Given suggestion for improvement in curriculum for the new program – SLAC meeting
5.	S. Sutha	Dept of Instrumentation Engg MIT Campus	19.8.2023	Given suggestion for improvement in curriculum for the new program – SLAC meeting
6.	Abdul Rahman	Control and Automation system. Solid motor propellant complex DCS SHAR, ISRo	23.8.2023	Interacted with the students on career guidance in central government organizations
7.	K. Pragalathan	Control & Automation , System SDSC, SHAR ISRO Sriharikota	23.8.2023	Interacted with the students on career guidance in central government organizations
8.	S. Raj Kumar	Director Technology Ostra Research Chennai	7.9.2023	Revised certain courses according to industrial needs - Board of Studies meeting
9.	Tejas A.	Service Engineer Endress & Hauer Group	7.9.2023	Provided suggestions for the new program on Robotics and automation - Board of Studies meeting
10.	Dr. Kuppusamy Thayalan	Consultant Medical Physicist & Radiological Safety	13.9.2023	Interested in collaborating on Imaging studies

		officer (RSO) Madras Medical College		
11.	Arvind Murugesan	Managing Director Accenture Technology	31.10.2023	Inaugurated Precision plus and Delivered special address on scope of Electronics and Instrumentation
12.	Ajay Vikram	Senior Supply Planner EMEA, UK	31.10.2023	Judge for the design competition precision plus23
13.	Makthum Basha	Senior Manager – CGOM Dubai	30.1.2024	Visited regarding collaboration with industries in UAE
14.	Parathsarathi	Pump Instrumentation	11.5.2024	SLAC member
15.	S. Syed Rizwan	Glopal Procurement	11.5.2024	SLAC member
16.	J. Mohamed syed ali	-	11.5.2024	SLAC member

21. Photographs with relevant captions for Important Activities

The students interacted with Mr.N.Arumuga Perumal, Senior Hardware Discipline Manager, Dow Chemicals International Pvt.Ltd, Chennai



The EATON MTL visited on 5.7.2023 for Inaugural function of SEIE – 23.8.23 activities of the unplaced students of SECS



“An Overview of Medical Imaging Equipment & Technology” Dr. Kuppusamy Thayalan, Consultant Medical Physicist & Radiological Safety Officer (RSO), Honorary Professor, Anna University and Former Professor, Madras Medical College on 13.9.2024



Inauguration of the International Level Technical Symposium, Precision +, 23 on 31.10.23



Industrial visit to Vanitec , Vaniyambadi, 28.2.2024



Organized a project contest for the polytechnic students on 24.04.24



One-day Industrial visit on 03.04.24 to VI Microsystems Pvt Ltd, Chennai.



Python programming on Raspberry pi in collaboration with VI Microsystems Pvt Ltd, Chennai on 30.04.2024



Industrial visit to Taro Pumps, Coimbatore on 27.09.23

SCHOOL OF INFRASTRUCTURE

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

1. Value Added Programmes Offered

S. No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants
					Students
1	Q-CAD (B.Tech)	January- April 2024	30	IIT-BOMBAY SPOKEN TUTORIAL	57
2	Q-GIS (B.Tech)	January- April 2024	30		6
3	InkScape (B.Tech)	January- April 2024	30		40
4	LaTex (M.Tech – CEPM)	January- April 2024	30		5
5	LaTex (M.Tech – STR)	January- April 2024	30		7

2. Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	Third 2-day Workshop on Electrochemical Corrosion Techniques – Theory and Hands on Training	08.03.2024 and 09.03.2024.	2 days	Students/Research Scholars – Rs.750/- Faculty – Rs.1500/- Industry person – Rs.2500/- AMPP India section (SZ)	37	2	-

3. Interdisciplinary Programmes Conducted

S.No	Name of Programme	Other departments involved	No. of Participants		Outcome of the Programme
			Students	Faculty	
1	Third 2-day Workshop on Electrochemical Corrosion Techniques – Theory and Hands on Training	Chemistry	37	2	Imparted knowledge on the use of advanced electrochemical instruments and techniques for proper interpretation of data for use in corrosion prediction, prevention, and monitoring.
2	Disaster Preparedness	Computer Science & Engineering Electronics & Communication Engineering Mechanical Engineering Biotechnology	300	4	Created awareness to the students on actions at the time of disaster. Live Demo about the actions during the fire accident.

4. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem	Sec	No. of Students			
1.	B.Tech. & M.Tech.	V & I	A	50	Dr.N.S.Shafeer Ahamed & Mr.A.Sheik Farid	CSIR – Structural Engineering Research Centre, Taramani, Chennai	26.09.2023
Outcome of the Visit: The students were exposed to technologies, products and state-of-the-art facilities in Structural Engineering and allied areas.							
2.	B.Tech.	III	A	40	Dr.Y.Ibrahim	Nesappakkam Sewage Treatment Plant at Nesapakkam, Chennai	06.11.2023
Outcome of the Visit: The students were exposed to various components of sewage treatment plant and treatment process. They also acquired knowledge about the significance of sewage treatment and ill-effects of unauthorized faecal sludge and septage.							
3.	B.Tech.	III	A	40	Dr.Y.Ibrahim	Koyembedu Sewage Treatment Plant at Koyembedu, Chennai	07.11.2023
Outcome of the Visit: The students were exposed to various components of sewage treatment plant and treatment process. They also acquired knowledge about the significance of sewage treatment and generation of electricity from the same.							
4.	B.Tech.	III	A	40	Dr.Y.Ibrahim	Kilpauk Water Treatment plant at Kilpauk, Chennai	07.11.2023
Outcome of the Visit: The students understood the various phases of water treatment such as sedimentation, biological and chemical oxidation process etc.							
5.	B.Tech.	III	A	40	Dr.Y.Ibrahim	Nemmeli Desalination Plant at Nemmeli, Chennai	06.11.2023 & 08.11.2023
Outcome of the Visit: The students understood the process technology of desalination including marine sea water intake system, pre-treatment system consisting of disc filters , and Ultra Filtration (UF).							
6.	B.Tech.	III	A	40	Dr.Y.Ibrahim	Puzhal Water Treatment Plant at Puzhal, Chennai	08.11.2023
Outcome of the Visit: The students acquired knowledge about the water treatment process viz., screening and aeration, coagulation and flocculation, sedimentation, filtration, disinfection, and pH correction.							
7.	M.Tech. (STR)	I	A	9	Dr.A.K.Kaliluthin	RMC Concrete, Senneerkuppam Poonamallee, Chennai	08.11.2023
Outcome of the Visit: The students exposed to various components of RMC plant and also experienced a live production of RMC.							
8.	M.Tech. (STR)	I	A	14	Dr.P.Vasanthi	Schwing Stetter India Private Limited, Cheyyar.	16.11.2023
Outcome of the Visit: The students had an exposure about the manufacturing of construction equipment's.							
9.	B.Tech. 2 nd year & M.Tech. (CEPM)	III & I	A	50	Dr.K.Yogeswari	Auroville & Building Centre, Pondicherry	15.02.2024

S.	Participant Details	Name of faculty	Industry Visited	Date /
Outcome of the Visit: The students gained knowledge about the use of sustainable and eco-friendly materials for construction.				

5. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Guest lecture on 'Sustainable Construction Technology – A way forward'	Guest Lecture	27.07.2023	-	4	100	-	-
Details of Keynote Speaker : Dr. Shweta Goyal, Professor, Thapar Institute of Engineering & Technology, Patiala, Punjab								
2.	Workshop on "Computer Application in Civil Engineering"	Workshop	30.08.2023	-	3	39	-	-
Details of Keynote Speaker : Mr. Ligen Mohan, Technical Head, CADD Centre, Tambaram, Chennai								
3.	Royal Charter Day	Guest Lecture	14.09.2023	-	15	60	-	-
Details of Keynote Speaker : Mr. N. Kalyanaraman, Chief Operating Officer, M/s. Navin Housing & Properties (P) Ltd. Chennai								
4.	Guest lecture on "Advanced Construction Technology in Infrastructure Projects"	Guest Lecture	03.10.2023	-	5	65	-	-
Details of Keynote Speaker : Mr. M. Suman Dhas, Chief Engineering Manager, M/s. L&T Construction Chennai.								
5.	One day workshop on "DGPS, Drone and Lidar: The Future of Surveying Technologies"	Workshop	10.10.2023	-	2	40	-	-
Details of Keynote Speaker : Mr. A. Selvam, Managing Director, M/s. Land Coordinates Technology, Chennai.								
6.	Inauguration of Professional Society Activities of ASCE, ICI, IE(I) & IPA	Professional Society Activities	11.10.2023	-	15	160	-	-
Details of Keynote Speaker: Dr. Deepak K. Kamde, UKRI Research Fellow, University of Leeds, UK.								
7.	Technical Event Debate competition on "Decarbonization of concrete manufacturing through optimizing cement production vs. Replacing cement with alternatives"	Debate	02.11.2023 & 03.11.2023	-	3	16	-	-

8.	A seminar on "Solid waste management and its potential job opportunities"	Seminar	09.11.2023	-	8	40	-	-
Details of Keynote Speaker: Ms. Krishnapriya A, Environmental Engineer and Co-founder, M/s. Specro Recycling Pvt. Ltd, Chennai.								
9.	Guest Lecture on "Seismic Analysis and Design of Structures (IS 1893-Draft 2023)"	Guest Lecture	16.02.2024	-	2	20	-	-
Details of Keynote Speaker: Dr.Prawin.J, Senior Scientist, CSIR – Structural Engineering Research Centre, Taramani, Chennai.								
10.	Online Technical Talk on "Corrosion Inhibitors for Concrete Applications"	Technical Talk	20.02.2024	-	4	59	-	-
Details of Keynote Speaker: Prof. Shweta Goyal, Professor, Thapar Institute of Engineering & Technology, Patiala, Punjab.								
11.	Two day Workshop on E Tabs in Collaboration with the Student Chapter of ICI and M/S. Techapps Consulting, Chennai	Workshop	21.02.2024 & 22.02.2024	-	5	24	-	-
Details of Keynote Speaker : Mr.Ganesh Kumar, Senior Application Engineer, M/s.Techapps Consulting, Chennai.								
12.	Oratorical & Poster presentation event under the themes "Net zero water in built environment" and "good plumbing practices to save water"	Oratorical & Poster presentation	27.02.2024	-	5	20	-	-
Details of Keynote Speakers : Mr.Joseph Mathew, Chairman and Mr. Jayaraman Sankar, Coordinator, Indian Plumbing Association (IPA)								
13.	Two-day workshop on "Electrochemical Corrosion Techniques: Theory and Hands-on Training (ECT 2024)"	Workshop	08.03.2024 & 09.03.2024	-	5	21	2	16
Details of Keynote Speakers : <ul style="list-style-type: none"> • Dr. S. Ramanathan, Professor, Department of Chemical Engineering, IIT Madras, Chennai. • Dr.S.Ningshen, Head, CSTD & CEPS, IGCAR, Kalpakkam • Dr. S.C. Vanithakumari, SO/F, Corrosion Science & Technology Division, IGCAR, Kalpakkam • Dr.S.Rangarajan, Former Head, Water & Steam Chemistry Division,BARCF, Kalpakkam • Dr. Radhakrishna G Pillai, Professor, Department of Civil Engineering, IIT Madras, Chennai. • Dr. Roopa V, Asst Professor (Sr. Gr.), Department of Civil Engineering, BSACIST, Chennai. • Dr. M.S. Haji Sheik Mohammed, Dean, School of Infrastructure, BSACIST, Chennai. • Dr. N. Vasimalai, Asst. Professor (Sel. Gr.), Department of Chemistry, BSACIST, Chennai. • Dr. T.M. Sridhar, Assistant Professor, Head (i/c), Department of Analytical Chemistry, University of Madras, Chennai. 								
14.	Ecological Footprint Tool to assess the Environmental Impact of Buildings	Guest Lecture	15.03.2024	-	3	20	-	-
Details of Keynote Speaker: Dr. Dilawar Hussain, Dean IQAC & HOD Mech. Engg, Maulana Mukhtar Ahmad Nadvi Technical Campus, Mansoor,								

Maharashtra								
15.	A lecture on "Rainwater Harvesting in Urban Areas " to commemorate World Water Day '2024	World Water Day	21.03.2024	-	7	100	-	-
Details of Keynote Speaker: Dr.Sekhar Raghavan (Rain Man of Chennai),Director, Rain Centre, Adyar, Chennai								
16.	National Level Technical Symposium "Civician 2K24"	Symposium	02.04.2024	-	16	130	-	60
Details of Keynote Speaker: Dr. K. Swaroop Krishnan Senior Vice President, M/s.Bharathi Meraki, Chennai								
17.	Structural Analysis of Building: Issues & Challenges	Guest Lecture	24.04.2024	-	5	47	-	-
Details of Keynote Speaker: Ms. Elakeya Umashankar, Structural Engineer and CEO, M/s. S&J Engineering Services, Chennai								
18.	Guest Lecture on Quantity Surveying and Building Estimation	Guest Lecture	25.04.2024	-	5	80	-	-
Details of Keynote Speaker: Er.Kaka Mohammed Suhaib, Managing Director, M/s. Samsco Construction, Chennai.								
19.	Safety Management In Construction	Webinar	26.04.2024	-	5	75	-	-
Details of Keynote Speaker: Er. Saqlane Mehdi Kalve, Earthworks Field Engineer – M/s.KIEWIT, Toronto, Canada								
20.	Application of Remote Sensing in Civil Engineering Field	Guest Lecture	30.04.2024	-	5	50	-	-
Details of Keynote Speaker: Mr. Rajesh Thangaraj, Senior Consultant, M/s. Land Coordinates Technology, (LCT),Chennai								
21.	Civil Engineering Software	Work Shop	29.04.2024	CADD Centre, Tambaram, Chennai	2	100	-	-
Details of Keynote Speaker : Ms. Sowmya.K.R, BIM Specialist, CADD Centre, West Tambaram, Chennai.								

6. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received (Rs.)	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1.	Sustainable Construction Technology – A way forward (27.07.2023)	3,000/-	Institution
2.	Royal Charter Day Celebration (14.09.2023)	5,000/-	The Institution of Engineers (INDIA), Kancheepuram Local Chapter

3.	Guest lecture on Advanced Construction Technology in Infrastructure Projects (03.10.2023)	3,000/-	Institution
4.	Workshop On DGPS, Drone And LIDAR: The Future of Surveying Technologies (10.10.2023)	5,000/-	Institution
5.	Seismic Analysis & Design of Structures (IS1893- Draft 2023) (16.02.2024)	2,000/-	Institution
6.	World Water Day celebrations (21.03.2024)	5,000/-	The Institution of Engineers (INDIA), Kancheepuram Local Chapter
7.	CIVICLAN 2k24 – National Level Technical Symposium (02.04.2024)	40,000/-	Institution
8.	Series of guest lectures 1. Structural Analysis of Building: Issues & Challenges (24.04.2024) 2. Quantity Surveying and Building Estimation (25.04.2024) 3. Safety Management in Construction (26.04.2024) 4. Application of Remote Sensing in Civil Engineering Field (30.04.2024)	16,000/-	Institution
9.	3 rd Two-day workshop on “Electrochemical Corrosion Techniques: Theory and Hands-on Training”.	35,000/-	M/s.Sri Easwari Scientific Solutions Pvt Ltd, Chennai & M/s.Leading Ledge Lab Equipments, Coimbatore.

7. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1.	Dr.M.S.Haji Sheik Mohammed	3 rd Two-day workshop on “Electrochemical Corrosion Techniques: Theory and Hands-on Training”	Workshop	08.03.2024 & 09.03.2024	Department of Civil Engineering, B.S.Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai
2.	Dr.Vasanthi Padmanabhan	NEP- 2020 Orientation and Sensitization under Malaviya Mission Teacher Training Programme (MM-TTP) - (UGC)	FDP	05.03.2024 to 14.03.2024	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai
3.	Dr.J.Revathy	NEP- 2020 Orientation and Sensitization, Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	18.03.2024 to 26.03.2024	University of Hyderabad (MMTTC-UoH)

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
4.	Dr.P.Gajalakshmi	Exploring Dynamics of National Education Policy 2020 with reference to NAAC perspectives	FDP	15.11.2023 to 24.11.2023	MKES Khandawala College, Mumbai in association with Research Foundation of India & RFI-CARE
5.	Dr.P.Gajalakshmi	NEP- 2020 Orientation and Sensitization, Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	18.03.2024 to 26.03.2024	University of Hyderabad (MMTTC-UoH)
6.	Dr.K.Yogeswari	Strategies for Publishing in High Impact Factor Journals	Webinar	17.04.2024	Research, BSACIST
7.	Dr.V.S.Priya	NEP- 2020 Orientation and Sensitization, Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	18.03.2024 to 26.03.2024	University of Hyderabad (MMTTC-UoH)
8.	Dr.V.S.Priya	Air Pollution and Control	MOOC course (12 weeks)	Jan -April 2024	Swayam-NPTEL
9.	Dr.Nisha Khanam	Exploring Dynamics of National Education Policy 2020 with reference to NAAC perspectives	FDP	15.11.2023 to 24.11.2023	MKES Khandawala College, Mumbai in association with Research Foundation of India & RFI-CARE
10.	Dr.Nisha Khanam	NEP- 2020 Orientation and Sensitization, Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	18.03.2024 to 26.03.2024	University of Hyderabad (MMTTC-UoH)
11.	Dr.Nisha Khanam	Air Pollution and Control	MOOC course (12 weeks)	Jan – April 2024	Swayam-NPTEL
12.	Dr.Nisha Khanam	Practical Aspects of ICT Tools & Online Teaching in Current Scenario	FDP	29.05.2024 to 04.06.2024	Research Foundation of India & RFI-CARE
13.	Dr.V.Roopaa	SPSS Software for Statistical Data Analysis	National Level workshop cum Hands on Training (online)	28.12.2023 to 05.01.2024	Digiskills Center, A.C.T Academy, Tamil Nadu
14.	Dr.K.Kanmani	Remote Sensing and Digital Image Analysis	Online course (4 weeks)	28.08.2023 to 22.09.2023	Indian Institute of Remote Sensing (IIRS), Dehradun and Indian Space Research Organization (ISRO)
15.	Dr.K.Kanmani	Imagery in Action	Online course (6 weeks)	25.09.2023 to 06.11.2023	ESRI, Redlands, USA.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
16.	Dr.K.Kanmani	Spatial Data Science: The New Frontier in Analytics	Online course (6 weeks)	25.08.2023 to 06.10.2023	ESRI, Redlands, USA.
17.	Dr.K.Kanmani	Emerging Trends & Applications in Civil Engineering (ETACE – 2024)"	Workshop	29.01.2024 to 03.02.2024	Department of Civil Engineering, SRMIST, Chennai.
18.	Dr.K.Kanmani	Millennium Generation Psychology & Teacher's Well-being	FDP	19.02.2024 to 24.02.2024	Internal Quality Assurance Cell (IQAC) & PG Department of Applied Psychology in collaboration with Anugraha, Institute for Counselling, Psychotherapy and Research, Shasun Jain College for Women, Chennai
19.	Dr.K.Kanmani	Going Places with Spatial Analysis	Online course (6 weeks)	24.01.2024 to 07.03.2024	ESRI, Redlands, USA.
20.	Dr.Ayisha Siddiqua	Innovative Teaching Practices in Higher Education	Workshop	13.09.2023 to 14.09.2023	Centre for Innovations in Teaching and Learning (CITL), BSACIST, Chennai
21.	Dr.Ayisha Siddiqua	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	NEP 2020 Orientation & Sensitization Programme	05.03.2024-14.03.2024	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai
22.	Dr.Y.Ibrahim	Millennium Generation Psychology & Teachers Well being	FDP	19.02.2024 to 24.02.2024	IQAC & PG Department of Applied Psychology in collaboration with Anugraha, Institute for Counselling, Psychotherapy, and Research, Shasun Jain College for Women, Chennai
23.	Dr.Y.Ibrahim	Emerging Trends & Applications in Civil Engineering	Second Six Days Workshop	29.1.2024-3.2.2024	SRM Institute of Science & Technology, Katankalathur, Tamil nadu
24.	Mr.A.Sheik Farid	Best Practices of Scholarly Publications	Workshop	12.07.2024	Dean, Research, BSACIST, Chennai
25.	Mr.A.Sheik Farid	Strategies for Publishing in High Impact Factor Journals	Webinar	17.04.2024	Dean, Research, BSACIST, Chennai
26.	Mr.A.Sheik Farid	Green Solutions for smart Infrastructure Development	FDP	29.01.2024 - 02.02.2024.	Geethanjali College of Engineering in association with Institution's Innovation Council, Hyderabad

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
27.	Mr.A.Sheik Farid	NEP 2020 Orientation & Sensitization Programme	FDP	05.03.2024 - 14.03.2024	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai
28.	Mr.A.Sheik Farid	Basics of Startup	FDP	11.05.2024 - 17.05.2024.	Institution's Innovation Council, BSACIST, Chennai

**8. Papers Published/ Presented in Journals &Conferences
(Total Numbers Only) (July 2023-June 2024)**

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
4	1	4	1	2	-	34	-	46

9. Details (list)of Publication in National & International Journals &Conferences:

International Journal&National Journal

f) SCI/Scopus Indexed Journal -36

g) Other journals– Nil

1. C.S. Narayanan, M.S. Haji Sheik Mohammed, and N. Logeswaran (2024), 'Study on Regulatory Authority Guidelines for Fostering Affordable Housing Clusters in the Northern Coastal Region of Tamil Nadu, India'. International Journal of Sustainable Development and Planning, Vol. 19, No.1, pp. 139-148.
2. Md Muheeb Ahmed, Mohd Umar and M.S. Haji Sheik Mohammed (2024), 'Investigation on Synergistic Effect of Miner Admixtures and Styrene Acrylic Ester-based Polymer on Mechanical and Transport Properties of Repair Composites'. The Indian Concrete Journal, Vol.98, No.2, pp.6-16.
3. Hussein Muhammad, Haziq Najmi Mohd Isa, Sakhiah Abdul Kudus, M.S. Haji Sheik Mohammed, and V. Roopa (2024), 'Flexural and Bond Behaviour of Concrete Beams Strengthened with Carbon Fiber-Reinforced Polymer Sheet', International Journal of Integrated Engineering', Vol. 16, No.1, pp. 222-237.
4. Sakhiah Abdul Kudus, Siti Hajar Aisyah Mohd Din, M.S. Haji Sheik Mohammed , V.Roopa and Zakiah Ahmad (2024), 'Performance of GFRP sheets in Strengthening Concrete Beams in Flexure'. Jurnal Kejuruteraan, Vol.36,No.4,pp.1689-1697.
5. Ahmed Abdul Ahad, Md. Muheeb Ahmed, M.S. Haji Sheik Mohammed, and Mohd Umar (2024), 'Investigation on Influence of Corrosion and Protective Coating on Steel Rebars on Flexural Performance of RC Beams'. Asian Journal of Civil Engineering Vol.25, pp 2133–2147. <https://doi.org/10.1007/s42107-023-00899-5>.
- 6.
7. Sharmila, M. R., and P. Vasanthi. (2024), 'Evaluation of corrosion potential in near-shore piles and analysis through RSM modelling'. Engineering Research Express, Vol. 6, No. 2, pp 1-18.

8. Rajkumar, R., Vasanthi, P. And Nagaraj, M., (2024), 'Experimental and Modeling of the Behaviour of Interior Air Temperature in a High-Rise Residential Building in Winter and Summer'. Journal of the Balkan Tribological Association, Vol. 30, No 2, pp 163–176.
9. K. Kanmani, Vasanthi Padmanabhan and P. Pari, (2023), 'Accuracy Assessment of different classifiers for Sustainable Development in Landuse and Landcover mapping using Sentinel SAR and Landsat-8 data'. EAI Endorsed Transactions on Energy Web, Vol. 10., <https://doi.org/10.4108/ew.4141>.
10. Rupa Rajkumar, Vasanthi Padmanabhan, Velraj Ramalingam, Nagaraj Meenakshi Sundaram (2023), 'Computational Modelling in A High-Rise Building with Different Building Envelope Materials for Sustainable Living'. Thermal Science, Vol.1, No.4, pp.245, <https://doi.org/10.2298/tsci221015245r>.
11. Pavithra Chandramouli, Mohamed Riyaaz Nayum Akthar, Veerappan Sathish Kumar, Revathy Jayaseelan, and Gajalakshmi Pandulu (2024), 'Neural Network Prediction and Enhanced Strength Properties of Natural Fibre-Reinforced Quaternary-Blended Composites'. Civil Engineering, Vol. 5, pp 827–851. <https://doi.org/10.3390/civileng5040043>.
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13. K. K. Yaswanth, V. Sathish Kumar, J. Revathy, G. Murali, C. Pavithra, (2024), 'Compressive Strength Prediction of Ternary Blended Geopolymer Concrete using Artificial Neural Networks and Support Vector Regression'. Innovative Infrastructure Solutions, Vol.9, No.32, <https://doi.org/10.1007/s41062-023-01343-y>
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18. [P.Krithika, P.Gajalakshmi and J.Revathy, \(2023\), 'Behavior of fiber- reinforced expansive cement concrete columns'. Asian Journal of Civil Engineering, Vol. 24, pp. 419–428, https://doi.org/10.1007/s42107-022-00508-x.](#)
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23. B. Kannadasan and K.Yogeswari (2024), 'ANN-based traffic planning model using adaptive YOLOv5-aided object counting from surveillance videos'. Asian Journal of Civil Engineering <https://doi.org/10.1007/s42107-024-01079-9> June 2024

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32. Nisha Khanam, Priya V S, Dhamodharan S, and Purnima M (2024), Exploration of Urban Flood Inundation Using HEC-HMS (A Case Study of the Cooum River Basin in the Chennai Zone), Journal for Basic Sciences, Vol.24(4), pp.688-697.
33. Nisha Khanam, Charumathi M, Priya V S, Dhamodharan S, Roja R, Henry Daniel B K, Roshan P and Subash V, (2023), Comparative Study on Air Quality Monitoring of Stations in Chennai during Pre and Post-Lockdown of Covid-19 Pandemic. Metszet Journal, Vol.8, No.7, pp.167-176.
34. **K. Kanmani**, Vasanthi Padmanabhan, P. Pari (2023), "Accuracy Assessment of different classifiers for Sustainable Development in Landuse and Landcover mapping using Sentinel SAR and Landsat-8 data", EAI Endorsed Transactions on Energy Web, Vol. 10, pp.1-9, <https://doi.org/10.4108/ew.4141>
35. M. Ayisha Siddiqua, A. Sheik Farid, Girish Birgoudiar, M. Jaganathan, S.M. Kabilan, E.H. Asad, (2024), Useful metals recovery from electronic scraps of headphones - A sustainable approach, Waste Management Bulletin, Vol.2(2), pp.302-307.
36. Ayisha Siddiqua M., Priya, V.S., Begum, N., Noor Aman, (2023), Synthesis of magnetic ZnFe₂O₄- reduced graphene oxide nanocomposite photocatalyst for the visible light degradation of cationic textile dyes. Nanotechnology for Environmental Engineering, Vol.8, pp 555–565. <https://doi.org/10.1007/s41204-022-00304-7>.
37. Preethi. E, K. Yogeswari, Manivannan A, (2024), 'Forecasting cost of residential projects in Chennai using artificial neural networks'. International Journal of Civil and Environmental Engineering, Vol.12, No.9, pp.47-53.

International Conference& National Conference:

1. Garmel Shiney G., K. Yogeswari, 'Adapting home: understanding the factors affecting residential real estate purchases in India- a review of literatures'. International Conference on Contemporary Engineering and Technology, pp. 41, ISBN 978-81-965908-5-7 2023 (June 2024).
 2. Jagadeesh Kasi, A K Kaliluthin, Y Ibrahim and K Kanmani, 'Residential facility management in India: A user satisfaction on study'. National Conference on Functional Materials for Sustainable Energy & Information Technology (FuMSEIT 2023), organized in association with Federation of Economic Development Association & School of Physical and Chemical Sciences, B. S. Abdur Rahman Crescent Institute of Science and Technology, pp.121, ISBN 978-93-92892-88-2 (27th – 28th November 2023).
 3. Nisha Khanam, Dhamodharan S, V. S. Priya, M. Purnima, 'Study on Flood Inundation of an Urban Area using HEC-HMS'. International Conference on Contemporary Researches in Engineering, Science, Management & Arts (ICCRESMA'2024) organised by Centre for Research & Training (CRT), National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, India (22nd – 24th February 2024).
 4. Shafeer Ahamed N S, Ibrahim Y, Kanmani K, 'Development of Light Transmitting Concrete Using Acrylic Bars'. International Conference on New Trends in Science, Engineering, Technology and Management (ICNTSETM- 2024), pp.7, ISBN: 978-81-19821-90-7, organized by P. S. V College of Engineering and Technology, Krishnagiri, Tamilnadu, (26th & 27th April 2024).
 5. Kanmani K, Ibrahim Y, Vasanthi Padmanabhan, 'Landuse and Landcover Change Detection Using Sentinel Image and Random Forest Classifier'. International Conference on New Trends in Science, Engineering, Technology and Management (ICNTSETM- 2024), pp.5, ISBN: 978-81-19821-90-7, organized by P. S. V College of Engineering and Technology, Krishnagiri, Tamilnadu, (26th & 27th April 2024).
 6. K. Kanmani, P. Vasanthi, Y. Ibrahim, N. S. Shafeer Ahamed, 'Transforming rice agriculture: image processing techniques for sustainable precision farming and global food security'. National Conference on Functional Materials for Sustainable Energy & Information Technology (FuMSEIT 2023), pp.123, ISBN 978-93-92892-88-2), organized in association with Federation of Economic Development Association by School of Physical and Chemical Sciences, B S Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai (27th & 28th November 2023).
 7. Ayisha Siddiqua M and Sheik Farid A, 'A better path towards municipal solid waste management using geographical information system", International conference on adaptive technologies for sustainable growth (9th edition) ISBN number 978-93-91977-38-2 organised by Paavai Engineering College, Namakkal (27th April 2024).
 8. Ibrahim Yakoopali, Jagadeesh Kasi, Shafeer Ahamed N S, Kanmani K, Vasanthi Padmanabhan, 'Characterization, Adsorption and Kinetics studies: Treatment of Textile Dyeing Effluent by novel natural Coagulation cum Adsorption Process'. International Conference on Advanced Functional Materials and Devices (AFMD-2024), pp.1250, organized by SRM Institute of Science and Technology, Chennai, (26th – 29th February 2024).
 9. Ibrahim Yakoopali, Vasanthi Padmanabhan, Shafeer Ahamed N S, Kanmani K, Jagadeesh Kasi, Mohammed Shaheer Aadil, 'Experimental assessment of partial replacement of cement with sea shell powder in concrete'. National Conference on Functional Materials for Sustainable Energy & Information Technology (FuMSEIT 2023), pp.125, ISBN 978-93-92892-88-2, organized in association with Federation of Economic Development Association by School of Physical and Chemical Sciences, B S Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai , (27th & 28th November 2023).
 10. Sheik Farid A, and Ayisha Siddiqua M, 'Examining key Factors Impacting Profitability in Construction Project Performance - A Review'. Eleventh National Conference on Innovation in Civil Engineering ISBN: 978-93-95898-70-6, organized by Karpagam Academy of Higher Education, (March 2024).
10. **Book(s) Published**

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book	Name of the Publisher,	Availability status
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			Rs	\$	country& Month of publication	
1.	Dr.Ayisha Siddiqua	Chapter titled "Research on Professional Development of College English Teachers in the Context of Digital Transformation"	1000	-	BP international, 2024.	Online

11. Patents (Obtained / Applied)

S.No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1.	Dr.Ayisha Siddiqua Dr.V.S. Priya Dr.D.Easwaramoorthy Ms.Nishath Begum J Dr.NoorAmanAhrar Mundari Dr.I.Faridha Begum	Textile effluent dye removal using novel carbon-based photo adsorbents from soapnut seeds.	-	Patent Application No.: 202441023638 Published on 05/04/2024	-

12. Details of Impact Factor of the Publication and H-Index of the department

E) Range - 0 - 3.8

F) Average -1.68

G)H-Index -17

H)No. In Scopus – 11 (CY 2023) 25(CY 2024)

13. Sponsored Research (Ongoing / Granted)

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned	Current Status
1.	Dr. G. Radhakrishna G Pillai (PI), Department of Civil Engineering, IIT Madras Dr.M.S.Haji Sheik Mohammed (Co-PI), Department of Civil Engineering, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai Dr. Dhanya B.S. (Co-PI) Department of Civil Engineering, Rajiv Gandhi Institute of Technology, Kottayam.	M/S. Vector Corrosion Technologies, Canada, M/S. RadheStructorepa ir Pvt. Ltd., Ahmedabad & M/S. Trade Winds, Chennai.	Evaluation of Sacrificial Anode Cathodic Protection (SACP) systems for reinforced concrete application	Rs.29.80 Lakhs	2018-2024 (Ongoing)
2.	Dr. M.S. Haji Sheik Mohammed (PI) and Ms. V. Roopa(Co-PI) Department of Civil Engineering, B.S.Abdur Rahman Crescent Institute of Science and Technology,	Collaborative Research Project under Mutual Funding Scheme	Influence of Chemical and Mineral Admixtures on the Performance of Galvanized Steel Rebars.	Rs.10.59 Lakhs	2022-2025 (Ongoing)

Chennai Dr. Sakhiah Abdul Kudus, Dr. Zakiah Ahmad TS., Dr. NurKamaliahMustaffa TS., Dr. AdizaJamadinUniversitiTeknologi Mara, UiTM, Malaysia				
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14. Details of Major Equipment Purchased (Financial year 2023-24)

S.No	Name of the Equipment	Make & Country	Date of purchase	Amount in Rs
1	Concrete Mixer Machine	M/s. Leading Edge Lab Equipments	12.03.2024	2,12,400/-
2	Climatic Test Chamber	M/s. Sri Eswari Scientific SouldtionPvt.Ltd	26.03.3024	11,52,181/-

15. Achievements of Faculty

S. No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr.P.Vasanthi	Chairperson for a session in a Sweden/Egypt/India International Conference on "Water Purification and Management"	Mahatma Gandhi University, Kottayam, Kerala, India.	July 2024
2.	Dr.M.S.Haji Sheik Mohammed	Delivered a guest lecture on "Durability of Reinforced Concrete Structures"	Crescent School of Architecture, BSACIST, Chennai	August 2023
3.	Dr.M.S.Haji Sheik Mohammed	Delivered a guest lecture on Corrosion Prevention / Control Methods for Service Life Extension of RC Structures	Six Day Workshop on Emerging Trends and Applications in Civil Engineering (ETACE 2024) organized by SRM Institute of Science and Technology	January 2024
4.	Dr.M.S.Haji Sheik Mohammed	Delivered lecture on Electrochemical Behaviour of Coated Steel Rebars in Concrete (3 rd Two-day workshop on "Electrochemical Corrosion Techniques: Theory andHands-on Training)	Department of Civil Engineering, and Department of Chemistry, BSACIST in association with AMPP India section (SZ) & NIIS (SZ)	March 2024
5.	Dr.M.S.Haji Sheik Mohammed	NAAC Peer Team - Member	Visited Institution in Mumbai	October 2023
6.	Dr.M.S.Haji Sheik Mohammed	Interview Panel member for the position of Project Asst/Project Associate	CSIR-SERC, Taramani, Chennai	December 2023
7.	Dr.M.S.Haji Sheik Mohammed	NAAC Peer Team - Member Coordinator	Visited Institution in Nagpur	March 2024
8.	Dr.M.S.Haji Sheik Mohammed	Delivered a guest lecture Durable Construction: Need for Corrosion Protection & Water Proofing	Builders Association of India (TC)	May 2024

S. No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
9.	Dr.P.Gajalakshmi	Lecture Delivered on the topic 'Check Dam (Site condition, Design Criteria), Loose Boulder Check-Dams/Rock fill dams (Site Condition, Design Criteria), Wire- gabion structures (Site Condition, Design Criteria)'in Technical and Skill Training Programme on Watershed Planning and Monitoring for RD & PR Officials, AEEs And AEs	State Institute of Rural Development & Panchayat Raj (SIRD), Maraimalai Nagar, TamilNadu	August 2023 to January 2024
10.	Dr.P.Gajalakshmi	Interview Panel member for the position of Project Asst/Project Associate	CSIR-SERC, Taramani, Chennai	December 2023
11.	Dr.P.Gajalakshmi	Outstanding Concrete Teacher Award 2023	Indian Concrete Institute, Chennai & Ultratech Cement Limited	January 2024
12.	Dr.K.Yogeswari	Field Survey of accidents spots across the state and Preparation of action plan.	Office of Addl. Director General of police, Special task force, road safety Chengalpet District office.	August 2023
13.	Dr.K.Yogeswari	A reviewer of journal "An Advancement in Concrete construction "	International Journal	October 2023
14.	Dr.K.Yogeswari	Delivered a guest lecture on the topic "Highway Engineering"	KCG Engineering College, Chennai	April 2024
15.	Dr.V.S.Priya	Lecture delivered on the topic 'Toilet Linked Biogas Plant & Village Sanitation Saturation Plan' (Technical and Skill Training Programme on Watershed Planning and Monitoring for RD & PR Officials, AEEs And AEs)	State Institute of Rural Development & Panchayat Raj (SIRD), Maraimalai Nagar, TamilNadu	August 2023 to September 2023
16.	Dr.A.K.Kaliluthin	Lecture Delivered on the topic 'Introduction of Reuse and Recycling of Non-Biodegradable Solid Wastes: Waste Materials as construction materials by recycling technologies' (Technical and Skill Training Programme on Watershed Planning and Monitoring for RD & PR Officials, AEEs And AEs)		
17.	Dr.Nisha Khanam	Lecture Delivered on the topic 'Concept of Watershed, Water Resource Development Plan, Water Budget, Soil and moisture Conservation Measures (site condition) (Technical and Skill Training Programme on Watershed		

S. No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
		Planning and Monitoring for RD & PR Officials, AEEs And AEs)		
18.	Dr.N.S.Shafeer Ahamed	Lecture Delivered on the topic "Gully Plug (Site condition, Design Criteria), Nala Bunds and Percolation Tanks (Site condition) 'Tanks (Site condition, Design Criteria, Sunken Pit (Site condition, Design Criteria)' (Technical and Skill Training Programme on Watershed Planning and Monitoring for RD & PR Officials, AEEs and AEs)		
19.	Dr.V.Roopaa	Awarded Ph.D degree on 'Corrosion Protection and Service Life Extension of Reinforced Concrete Roofing Systems in Existing Buildings'	Department of Civil Engineering, BSACIST	November 2023
20.	Dr.K.Kanmani	Keynote lecture delivered on "Fundamentals of GIS and Urban Geo-informatics" under the training "Application of Geo informatics in Urban Projects" in the programme "Capacity building and training programs (CBTP) for urban sector in Tamilnadu" for AEEs and AEs.	STEM at Madras Christian College (MCC), Chennai.	August 2023
21.	Dr.K.Kanmani	Guest lecture delivered on "QGIS Application – Hands-on-training" in Technical and Skill Training programme for RD & PR officials, AEEs and AEs.	State Institute of Rural Development & Panchayat Raj (SIRD), Maraimalai Nagar.	August 2023 to January 2024
22.	Dr.K.Kanmani	Secured NPTEL mentor certificate for the course Remote Sensing Essentials.	AICTE-NPTEL	January – April 2024
23.	Dr.K.Kanmani	Awarded Ph.D degree on 'Estimation and Assessment of soil moisture for heterogeneous crop regions using SAR polarimetric data'	Department of Civil Engineering, BSACIST	May 2024
24.	Dr.M.Ayisha Siddiqua	Lecture delivered on the topic 'Toilet Linked Biogas Plant & Village Sanitation Saturation Plan' & 'Conservation of Natural Resources' in Technical And Skill Training Programme on Watershed Planning and Monitoring for RD & PR Officials, AEEs and AEs	State Institute of Rural Development & Panchayat Raj (SIRD), Maraimalai Nagar, Tamil Nadu	August 2023 to September 2023

S. No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
25.	Dr.M.Ayisha Sidiqia	Awarded Ph.D degree on 'Development and performance evaluation of novel composite photocatalyst for the treatment of textile dyes'.	Department of Civil Engineering, BSACIST	November 2023
26.	Dr.Y.Ibrahim	Lecture delivered on the topic 'Introduction to Solid and Liquid Waste Management & Composting and Technology options for Treatment of Biodegradable Wastes' (Technical and Skill Training Programme on Watershed Planning and Monitoring for RD & PR Officials, AEEs And AEs)	State Institute of Rural Development & Panchayat Raj (SIRD), Maraimalai Nagar, TamilNadu	August 2023 to September 2023
27.	Dr.Y.Ibrahim	Awarded Ph.D degree on Study on the Treatment of Cottage Textile Dyeing Industry Effluent by Novel Natural Coagulation cum Adsorption Process	Department of Civil Engineering, BSACIST	November 2023
28.	Mr.A.Sheik Farid	Lecture delivered on the topic 'Tender Creation and Publishing, Bid Submission, Bid opening, Technical Evaluation'. (Technical and Skill Training Programme on Watershed Planning and Monitoring for RD & PR Officials, AEEs and AEs)	State Institute of Rural Development & Panchayat Raj (SIRD), Maraimalai Nagar, TamilNadu	August 2023 to January 2024
29.	Mr.S.Dhamodharan	Lecture Delivered on The Topic 'Irrigation, Irrigation and Water Management, Water Harvesting Measures'. (Technical and Skill Training Programme on Watershed Planning and Monitoring for RD &PR Officials, AEEs and AEs)	State Institute of Rural Development & Panchayat Raj (SIRD), Maraimalai Nagar, Tamil Nadu	August 2023 to January 2024

16. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1	Mr.Sheik Farid	Instructional Planning and Delivery (Module 4)	NITTT online course	July-December 2023.
2	Mr.Sheik Farid	Student Assessment and Evaluation (Module 6)	NITTT online course	July-December 2023.
3	Mr.Sheik Farid	Research Publication and Ethics	Swayam NPTEL online course	July-December 2023.
4	Dr.V.S.Priya	Air Pollution and Control	Swayam NPTEL online course	January- April 2024
5	Dr.V.S.Priya	Swachhata Campus-Clean, Green and Sustainable Technology	Swayam & NITTTR, Chennai	January – June 2024
6	Dr.Nisha Khanam	Air Pollution and Control	January- April 2024	January- April 2024
7	Dr.V.Roopaa	Infrastructure Economics	NPTEL Online Course	January- March 2024
8	Dr.V.Roopaa	Introduction to Lean Construction (Module -1-Lean Basics)	NPTEL online course	January- February 2024

17. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Mr.Mohammed Safwan and Mr.Amrees Kishore	210011602009 & 210011601006	Winners in Men Badminton	TNPE Sports University, State Level Tournament	August 2023
2.	Mr.Mohammed Sufwan and Mr.Amrees Kishore	210011602009 & 210011601006	Winners in Men Badminton	State Level IIT – Madras Tournament 2023	September 2023
3.	Mr. SafeerJassim	200011601015	Best Student Award	Institute of Engineers (India), Kanchipuram Local Centre	October 2023
4.	Ms.Sanjana, Ms.Yeswanth, Mr.Prithick Raman , Mr.MdArief, Mr.Deeparatchagan, and Mr.Nizamudeen	210011601033 210011601041 210011602018 210011601020 210011602005 210011601027	Winners in Quizard	SSN College of Engineering, Chennai	October 2023
5.	Mr.Nimal, Ms. Vishnu Priya Ms.Hemashree.G	210011601025 210011601040 210011601010	Participated in Oratorical Competition	Builders Association of India, Chennai	October 2023
6.	Dr.Mohd Umar Ph.D Scholar	170803707001	Best Ph.D Thesis Award 2023	Indian Concrete Institute (ICI) & Ultratech Cement Ltd	January 2024
7.	Mr.Ahmed Umar Murad	200011601003	Final year project	CSIR-SERC, Taramani, Chennai	Feb -May 2024
8.	Mr.Bhupathirajan	210011601007	First Prize cash award in 9th National Conference on “Smart	Dr.M.G.R Educational and Research Institute,	March 2024

			and Innovative Technologies in Civil Engineering" (PAALAM 24)	Chennai	
9.	Ms.Hemashree G and Ms.Vishnupriya	210011601010 & 210011601040	Winners of the event Value from Waste	CONCRAZE'24 organized by Anna University, Chennai	April 2024

18. Details of credit transfer through NPTEL/Swayam/MOOC courses

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1.	Mr.A.Sheik Farid (Ph.D)	230803704001	Research and Publication Ethics	2	A
2.	Mr.S.Dhamodharan (Ph.D)	230803704002	Research and Publication Ethics	2	A
3.	Mr.Ansari Ismail Ateeque Shameem Akhatar	230803704003	Research and Publication Ethics	2	A
4.	Mr.Ansari Abu Usama Abdul Rahman	230803704004	Research and Publication Ethics	2	A
5.	Mr.Abdullah Khan Nasir Khan	230803704005	Maintenance and Repair of Concrete Structures	3	A
			Research and Publication Ethics	2	A
6.	Mr.Faizan Ahmed	230803704006	Research and Publication Ethics	2	B
7.	Mr. Saud Anjum Mahevi Mohammed Rashid	230803704007	Research and Publication Ethics	2	A
			Environmental Impact Assessment	4	D

19. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	CIVICLAN 2024 (National Level Technical Symposium)	1 day	Undergraduate Students Participation from various colleges	Technical & Non-Technical Events	Branding & Knowledge dissemination
2.	Dr.M.S.Haji Sheik Mohammed, delivered a technical lecture on "Durable Construction : Need for Corrosion Protection & Water Proofing" Builders Association of India	1 day	Undergraduate Students Participation from various colleges	Knowledge exposure	
3.	Dr.M.S.Haji Sheik Mohammed, delivered a technical lecture on 'Corrosion Prevention / Control Methods for Service Life Extension of RC Structures' in the Six Day Workshop on Emerging Trends	6 days	Undergraduate Students Participation from various colleges	Knowledge exposure	

	and Applications in Civil Engineering (ETACE 2024) organized by SRM Institute of Science and Technology on 31 st January 2024.				
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20. Industry / Institute Collaboration

S.No	Name & Detail of Industry	Type of Collaboration	Month & Year	Status	Outcome
1	CSIR-SERC, Taramani, Chennai	B.Tech - Project	Feb. 2024	Completed	B.Tech Project on the topic 'Image-based Structural Damage Assessment using Deep Neural Networks'
2	M/s. Kelvin6K Technologies Private Limited 3D printing	MOU & B.Tech. Project	Dec. 2023	Ongoing	B.Tech Project on the topic 'Design of Optimum Cementitious Composites for Construction 3D Printing'
3	Universiti Teknologi Mara, UiTM, Malaysia	Research	Sep. 2022	Ongoing	Research paper publication

Note: Executed Consultancy and Testing to Government / Semi – Government / Private firms worth Rs. 7.5 Lakhs

21. Professional Society Activities

S. No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker
			Faculty	Student	Others	
1	ASCE, ICI, IE(I) & IPA	Inauguration of Professional Society Activities	16	120	-	Dr. Deepak K. Kamde, UKRI Research Fellow at the University of Leeds.
2	ASCE, ICI, IE(I) & IPA	CIVICLAN 2024 (National Level Technical Symposium)	16	80	40	Dr. K. Swaroop Krishnan Senior Vice President, M/s.Bharathi Meraki, Chennai
Outcomes : Branding of the department & Institute						
3	American Society of Civil Engineers (ASCE)	LECTURE Series	5	150	-	Ms. Elakeya Umashankar, Structural Engineer and CEO M/s. S&J Engineering Services, Chennai Er. Kaka Mohammed Suhaib, Managing Director M/s. Samsco Construction, Chennai. Er. Saqlane Mehdi Kalve, Earthworks Field Engineer –

S. No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker
						M/s. KIEWIT, Toronto, Canada Mr. Rajesh Thangaraj, Senior Consultant, M/s.Land Coordinates Technology, (LCT), Chennai
	Outcomes : <ul style="list-style-type: none"> Value addition to the students to get familiarized about the issues and challenges faced during the Structural Analysis & Design of a Building. Value addition for students to obtain knowledge about the estimate of quantities of items of work in construction of a residential building. Exposure on the critical importance of prioritizing safety in every aspect of construction projects. Equipping students with an overview of diverse technologies and their applications in Remote Sensing. 					
4	Indian Concrete Institute (ICI)	Technical debate competition on "Decarbonization of Concrete Manufacturing through: Optimizing Cement Production vs. Replacing Cement with Alternatives"	3	14	-	-
	Outcomes : Awareness about to reduce carbon emissions from the construction industry for both the present and the future, as an effective step for Climate Action.					
5	Indian Plumbing Association (IPA)	Seminar on "Solid waste management and its potential job opportunities"	4	40	-	Ms. Krishnapriya A. Environmental engineer and co-founder, M/s.Spreco Recycling Pvt. Ltd.
	Outcomes :Knowledge on the implementation of the waste segregation efforts in academic institutions					
6	American Society of Civil Engineers (ASCE)	Guest lecture on "Advanced Construction Technology in Infrastructure Projects"	3	58	-	Mr. M. Suman Dhas, Chief Engineering Manager, M/s. L&T Construction Chennai.
	Outcomes :Value addition on the latest and smart technology that are adopted in the construction of metro rail and high-speed rail.					
7	The Institution of Engineers (India) Kanchepuram Local Centre	Guest Lecture on ROYAL CHARTER DAY	3	60	-	Mr. N. Kalyanaraman Chief Operating Officer M/s.Navin Housing & Properties (P)Ltd, Chennai
	Outcomes: The students were given awareness about the selection of type of concrete,concreting, the amount of vibration should be provided, permissible limit for column concreting, problem facing during RMC.					
8	American Society of Civil Engineers	Guest lecture on 'Sustainable Construction	3	100	-	Dr. Shweta Goyal, Professor, Department of Civil

S. No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker
	(ASCE) & Indian Concrete Institute (ICI)	Technology – A way forward'				Engineering from Thapar Institute of Engineering & Technology, Patiala, Punjab,
	Outcomes: Knowledge about the fibre reinforced concrete, textile reinforced concrete and some new generation technology such as 3D printed buildings which can be implemented in future for sustainable development.					
9	American Society of Civil Engineers (ASCE)	Workshop on "DGPS, Drone and LIDAR: The Future of Surveying Technologies"	2	40	-	Mr. A. Selvam Managing Director, M/s. Land Coordinates Technology, Chennai.
	Outcomes: Value addition to the students to enhance the knowledge on the latest technologies adopted in the surveying such as Drones, LIDAR etc					
10	Indian Plumbing Association (IPA)	Oratorical & Poster presentation event under the two themes "Net zero water in built environment" and "good plumbing practices to save water"	6	18	-	Mr. Joseph Mathew Chairman, Indian Plumbing Association, Chennai.
	Outcomes : Awareness and exposure to the students about the plumbing practices and its significance in saving water.					
11	The Institution of Engineers (India) Kanchepuram Local Centre	Guest Lecture on Water for Peace (WORLD WATER DAY)	4	70	-	Dr. Sekhar Raghavan (Rain Man), Director, Rain Centre, Adyar, Chennai.
	Awareness on rain water harvesting, tree plantation. Lake protection methods etc were imparted to students .					
12	Indian Concrete Institute (ICI)	Workshop on "ETABS"	4	24	-	Mr. Ganesh Kumar, Senior application Engineer, M/s. Tech Apps Consulting, Chennai
	Outcomes : Students were exposed to hands on training with ETABS and explored its applications with real time case studies.					

22. MoUs Signed

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome
			Day	Month	Year	
1.	M/s. Kelvin6K Technologies Private Limited	Industry	11	12	2023	Joint research & Academic Collaboration

23. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1.	Dr. Shweta Goyal	Professor, Thapar Institute of Engineering & Technology, Patiala, Punjab	Guest Lecture 27/7/2023	Academic Collaboration
2.	Mr. Ligen Mohan	Technical Head, CADD Centre, Tambaram, Chennai	Guest Lecture 30/7/2023	Industry Collaboration
3.	Mr.N.Kalyanaraman	Chief Operating Officer, M/s. Navin Housing & Properties(P).Ltd. Chennai	Guest Lecture 14/9/2023	Industry Collaboration
4.	Mr. M. Suman Dhas	Chief Engineering Manager, M/s.L&T Construction Chennai.	Guest Lecture 3/10/2023	Industry Collaboration
5.	Mr. A. Selvam	Managing Director, M/s. Land Coordinates Technology, Chennai.	Hands on Training 10/10/2023	Industry Collaboration
6.	Ms. Krishnapriya A	Environmental Engineer and Co-founder, M/s. Spreco Recycling Pvt. Ltd, Chennai	Seminar 9/11/2023	Industry Collaboration
7.	Dr.Prawin.J	Senior Scientist, CSIR – Structural Engineering Research Centre, Taramani, Chennai	Guest Lecture 16/2/2024	Research Institute Collaboration
8.	Mr.Ganesh Kumar	Senior Application Engineer M/s.Techapps Consulting, Chennai	Guest Lecture 21/2/2024	Industry Collaboration
9.	Mr.Joseph Mathew	Chairman, Indian Plumbing Association (IPA), Chennai	Guest Lecture 27/2/2024	Academic Collaboration
10.	Dr.S.Ningshen	Head, CSTD & CEPS, IGCAR, Kalpakkam	Workshop 8/3/2024 & 9/3/2024	Government Sector Collaboration
11.	Dr. S.C. Vanithakumari	SO/F, Corrosion Science & Technology Division, IGCAR, Kalpakkam	Workshop 8/3/2024 & 9/3/2024	Government Sector Collaboration
12.	Dr.S.Rangarajan	Former Head, Water & Steam Chemistry Division, BARCF, Kalpakkam	Workshop 8/3/2024 & 9/3/2024	Government Sector Collaboration
13.	Dr. Radhakrishna G Pillai	Professor, Department of Civil Engg, IIT Madras, Chennai	Workshop 8/3/2024 & 9/3/2024	Academic Collaboration
14.	Dr. T.M. Sridhar	Assistant Professor & Head (i/c), Dept of Analytical Chemistry, University of Madras, Chennai	Workshop 8/3/2024 & 9/3/2024	Academic Collaboration
15.	Dr. S. Ramanathan	Professor, Dept. of Chemical Engg, IIT Madras, Chennai	Workshop 8/3/2024 & 9/3/2024	Academic Collaboration

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
16.	Dr.Sekhar Raghavan	Director, Rain Centre, Adyar, Chennai	Guest Lecture 21/3/2024	Industry Collaboration
17.	Dr. K. Swaroop Krishnan	Senior Vice President, M/s.Bharathi Meraki, Chennai	Guest Lecture 2/4/2024	Industry Collaboration
18.	Ms. Elakeya Umashankar	Structural Engineer &CEO M/s. S&J Engineering Services, Chennai	Guest Lecture 24/4/2024	Industry Collaboration
19.	Er. Kaka Mohammed Suhaib	Managing Director M/s. Samsco Construction, Chennai.	Guest Lecture 25/4/2024	Industry Collaboration
20.	Er. Saqlane Mehdi Kalve	Earthworks Field Engineer – M/s. KIEWIT, Toronto,Canada	Webinar 26/4/2024	Industry Collaboration
21.	Mr. Rajesh Thangaraj	Senior Consultant, M/s. Land Coordinates Te (LCT), Chennai	Guest Lecture 30/4/2024	Industry Collaboration
22.	Mrs. Sowmya K. R	BIM Specialist, CADD Centre, West Tambaram, Chennai.	Guest Lecture 29/4/2024	Industry Collaboration

24. Any other academic relevant information



Dr. Gajalakshmi P, receiving an Out Standing Concrete Teacher Award 2023 on 09.01.2024



Dr. Mohd Umar, a research scholar has received an Out Standing Thesis Award 2023 with his supervisor Dr.M.S.Haji Sheik Mohammed, Professor & Dean, School of Infrastructure, B.S.Abdur Rahman Crescent Institute of Science and technology, Chennai on 09.01.2024.



Dr.M.S.Haji Sheik Mohammed, Dean, School of Infrastructure has been honoured as a guest speaker by BUILDERS ASSOCIATION OF INDIA, TAMBARAM CENTRE in a Technical Seminar on Durable Construction: Need for Corrosion Protection & Water Proofing on 22.05.2024.

❖ Ph.D Degree Awarded

The school of Infrastructure has awarded 12 Ph.D. degree during the academic year including the faculty members and other scholars.

S. No	Name of the scholar	RRN	Research Topic	Supervisor	Month & Year of awarding
1	Mr. Donald Kwabena Dadzie	190803704001	Study on the Performance of Bubble Deck Slabs Incorporated with Agro-Waste filled Plastic Bottles	Dr.A.K.Kaliluthin	July 2023
2	Ms. Pamila Ramesh	1380119	Adsorptive Removal of Basic Dyes from Aqueous Solution using Modified Agro Wastes	Dr.Vasanthi P	July 2023
3	Mr. Mohd Umar	170803707001	Investigation on durability and antimicrobial resistance of Cementitious systems for use in marine conditions	Dr.M.S.Haji Sheik Mohammed	July 2023
4	Ms. C. Pavithra	170803704001	Structural Performance of Hybrid FRP-Concrete-Steel Double-Skin Tubular Columns under Axial Compression Loading	Dr.J.Revathy	August 2023
5	Ms. P. Krithika	170803104002	Behaviour of Steel Tubular Columns Filled with PVA Fiber Reinforced Expansive Cement Concrete under Axial Compression	Dr.P.Gajalakshmi	August 2023
6	Mr. K.C. Vinu Prakash	170803104004	Construction Noise Measurement and Assessment of Workers Noise Perceptions and Safety Behaviour'	Dr.K.Yogeswari	September 2023
7	Ms. M. Ajona	140803104004	Bio-Remediation of Petroleum Contaminated Soil using Recombinant Microbial Strain	Dr.Vasanthi P	September 2023
8	Mr. V. Varun kumar	200803701001	Behaviour of Lightweight Self-compacting Geopolymer Concrete Filled FRP Composite Columns	Dr.P.Gajalaksmi	November 2023

9	Mr.Y.Ibrahim	150803104004	Treatment of Cottage Textile Dyeing Industry Effluent by Novel Natural Coagulation cum Adsorption Process	Dr.Vasanthi P	November 2023
10	Mr.M. Ayisha Siddiqua	160803104003	Development and performance evaluation of novel composite photocatalyst for the treatment of textile dyes	Dr.V.S Priya	November 2023
11	Ms.Roopu V.	130803704003	Corrosion Protection and Service Life Extension of Reinforced Concrete Roofing Systems in Existing Buildings.	Dr.M.S.Haji Sheik Mohammed	November 2023
12	Ms. K. Kanmani	140803704001	Estimation and assessment of soil moisture for heterogeneous crop regions using SAR polarimetric data	Dr.Vasanthi P	May 2024

25. Photographs with relevant captions for Important Activities



Mr.Mohammed Safwan and Mr.Amrees Kishore of Crescent Badminton Men Team have won the match against MCC, organized by the TNPE Sports University a State Level Tournament during August 2023.



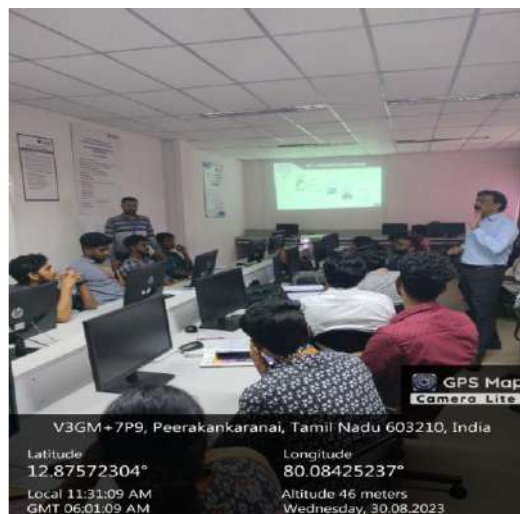
Mr.Mohammed Safwan and Mr.Amrees Kishore of Crescent Badminton – Men Team has won the finals and secured a TITLE As WINNER Of The Prestigious State Level IIT – Madras Tournament 2023, during September 2023.



Mr. Safeer Jassim, Final year B.Tech. Student received the best student award from the Institute of Engineers (India), Kanchipuram Local Centre on 30.10.2023



Guest Lecture on "Sustainable Construction Technologies – A Way Forward", by Dr. Shweta Goyal, Professor, Department of Civil Engineering from Thapar Institute of Engineering & Technology, Patiala, Punjab on 27.07.2023



Workshop on "Computer Application in Civil Engineering" on 30.08.2023



Royal Charter Day Celebration - Guest lecture on the topic, "Construction Insights (Buildings)" which was delivered by the guest speaker Mr.N.Kalyanaraman Chief Operating Officer, M/s. Navin Housing & Properties (P).Ltd. Chennai, on 14.09.2023.



Guest lecture on "Advanced Construction Technology in Infrastructure Projects "by Mr. M. Suman Dhas, Chief Engineering Manager, L&T Construction Chennai on 03.10.2023



Workshop on "DGPS, Drone and LIDAR: The Future of Surveying Technologies by Mr.Selvam, Managing Director at M/s. Land Coordinates Technology, Chennai, on 10.10.2023.



Inauguration of Professional Society Activities by Dr. Deepak K. Kamde, UKRI Research Fellow at the University of Leeds, UK on 11.10.2023



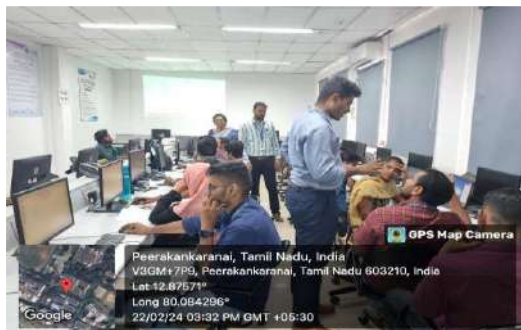
Technical debate competition on "Decarbonization of Concrete Manufacturing through: Optimizing Cement Production vs. Replacing Cement with Alternatives" during 02.11.2023 & 03.11.2023



Seminar on Solid waste management and its potential job opportunities by Ms. Krishnapriya A. an environmental engineer and co-founder of Spreco Recycling Pvt. Ltd, Chennai on 09.11.2023.



Guest lecture on SEISMIC Analysis & Design of Structures (IS1893- DRAFT2023) on 16.02.2024.



Two Days Workshop on E-Tabs by Mr.Ganesh Kumar (Hands-on training session) during 21.02.2024 & 22.02.2024.



Inauguration & Students Participation in Oratorical & Poster presentation event under the two themes “Net zero water in built environment” and “good plumbing practices to save water”, on 27.02.2024.



Hands-on Training”, during 08.03.2024 & 09.03.2024.



World Water Day Celebration 2024 - Guest Lecture on the theme Water for Peace held on 21.03.2024.



Guest Lecture on "Structural Analysis of Building: Issues & Challenges", held on 24.04.2024.



Guest lecture on "Quantity Surveying and Building Estimation", held on 25.04.2024.



Guest Lecture on “Safety Management in Construction”, held on 26.04.2024.



Guest lecture on “Application of Remote Sensing in Civil Engineering Field”, held on 30.04.2024.





Visit of B.Tech. II year students to i)Nesappakkam Sewage Treatment Plant, ii) Koyembedu Sewage Treatment Plant, iii) Kilpauk Water Treatment Plant, iv) Puzhal Water Treatment Plant and v) Nemmeli Desalination Plant during 06.11.2023 to 08.11.2023

Students of I year M.Tech. (Structural Engineering)&M.Tech. (Construction Engg and Project Management)



visited Ready-Mix Concrete (RMC) plant at Senneerkuppam, Poonamallee, Chennai on 08.11.2023.



Students of II year B.Tech. and I year M.Tech. (Structural Engineering) & M.Tech. (Construction Engg and Project Management) visited Building Centre at Auroville, Pondicherry on 15.02.2024.

SCHOOL OF MECHANICAL SCIENCES

DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT OF AEROSPACE ENGINEERING

DEPARTMENT OF AUTOMOBILE ENGINEERING

DEPARTMENT OF POLYMER ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

1. Value Added Programmes Offered

S. No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	Artificial Intelligence and Industrial Robotics	February - September 2023	60	Prag Robotics Pvt Ltd, Chennai.	18	1	2 (Members from Prag Robotics)

2. Training Programmes Offered

S. No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	CATIA 3D Experience	October 2023 - March 2024	45	Rs.5000 & EDS Technologies Pvt. Ltd	28	-	-

3. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem	Sec	No. of Students			
1	Industrial visit	IV	A	39	Mr. Loganathan	Grundfos Pumps India Pvt. Ltd, Chennai	14.02.2024
Outcome of the Visit: <ul style="list-style-type: none"> Practical exposure to pump manufacturing processes. Understanding of industry operations and quality standards. 							
2	Industrial visit	IV	B	45	Dr.R.Karunanithi Dr.M.Abdur Rahman	HL MandoAnand India Pvt Ltd, plant -1 Chennai	14.03.2024
Outcome of the Visit: <ul style="list-style-type: none"> Practical exposure to automotive manufacturing processes Exposure to cutting edge automotive technologies 							
3	Industrial visit	IV	B	37	Dr.A.MuthuManokar Dr.M. Pervaz Ahmed	North Chennai Thermal Power Station-I	22.04.2024
Outcome of the Visit: <ul style="list-style-type: none"> Practical exposure to thermal power generating units. Understanding of Nation journey towards energy security and sustainability. 							

4. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1	Industry 4.0 - Industrial Design, Visualization & Conceptualization	Workshop	8.11.2023 - 10.11.2023	MSME - Govt of India and Equad Engineering services Pvt. Ltd.	1	16	-	-
Details of Keynote Speakers: (i) Mr. Prabhu, Equad Engineering services Pvt. Ltd, Chennai (ii) Mr.Mohan,Equad Engineering services Pvt. Ltd,Chennai								
2.	High Performance Materials and Its Characterization for Aerospace and Mechanical Engineering Applications.	National Seminar	15.11.2023	Aeronautical Society of India (AeSI), Chennai	1	44	-	4
Details of Keynote Speakers: (i) Dr. D. Sathia Narayanan, Scientist F, National Institute of Ocean Technology (NIOT), Ministry of Earth Sciences, Chennai (ii) Dr. S. RajendraBoopathy, Emeritus Professor (AU-FRG), Dept. of Mechanical Engineering, CEG Campus, Anna University, Chennai. (iii) Dr. K. Kalaichelvan Professor, Dept. of Ceramic Technology, ACT Campus, Anna University, Chennai.								
3	Introduction to Concentrated Solar Power Technologies and its Challenges	Guest Lecture	6.11.2023	ISHRAE Chennai Chapter	5	73	-	-
Details of Keynote Speakers: (i) Dr. N. Sendhil Kumar, Dean Research and Consultancy, Associate Professor, Mechanical Engineering, National Institute of Technology, Puducherry.								
4	Workshop on Engineering Design – An activity based approach	Workshop	11.09.2023	-	15	-	-	-
Details of Keynote Speakers: (i) Dr. A. ArockiaJulias, Associate Professor, Mechanical Engineering, BSACIST (ii) Mr. M. Balasrinivasan, Assistant Professor (Sr. Gr), Mechanical Engineering, BSACIST								
5	Seminaron "College to Corporate"	Seminar	17.04.2024	-	6	125	-	-
Details of Keynote Speakers : (i) Mr. R. Govindarajan, Head Product Development- Global Testing and validation, Royal Enfield, Chennai.								
6	Mecha Rush - 2024	A National Level Technical Symposium	24.04.2024	-	-	376	-	60

5. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received (RS)	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1	Mecha Rush 24 – National Level Technical symposium	27000	BSACIST
2	National Seminar on High performance materials and its characterization for aerospace and Mechanical Engineering applications	5000	Aeronautical Society of India, Chennai
		16300	BSACIST
3	Inauguration of Professional Societies	10000	BSACIST
4	Hovercraft Racing Competition	4088	BSACIST
5	Promo video competition	7000	BSACIST

6. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1	Mr. C. Sivakumar	NEP-2020 Orientation & Sensitization	FDP	18.03.2024 - 26.03.2024	IIITDM Kancheepuram, UGC-Malaviya Mission Teacher Training Centre
2	Dr. V. Muralidharan	NEP-2020 Orientation & Sensitization	FDP	18.03.2024 - 26.03.2024	IIITDM, Kancheepuram, UGC-Malaviya Mission Teacher Training Centre
3	Dr.A.S.Selva Kumar	Outcome based Education	Workshop	09.01.2024	BSACIST
4	Dr.A.S.Selva Kumar	Safety Instrumentation Systems	Certification course	25.01.24 - 31.01.24	BSACIST
5	Dr. S. Mohamed Illyas	Outcome based Education	Workshop	09.01.2024	BSACIST
6	Dr. S. Mohamed Illyas	Exploring Dynamics of National Education Policy 2020 With reference to NAAC Perspectives	FDP	15.11.2023 - 24.11.2023	MKES Khandwala college
7	Dr. A. ArockiaJulias	Mastering E-Content development	FDP	28.02.2024 - 7.03.2024	CDOE, BSACIST

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
8	Dr. A. ArockiaJulias	Materials and Energy Science	Conference	22.3.2024 - 23.3.2024	Aditya Engineering College
9	Dr. A. ArockiaJulias	NEP-2020 Orientation & Sensitization	FDP	18.3.2024 - 27.3.2024	IIITDM Kancheepuram, UGC-Malaviya Mission Teacher Training Centre
10	Dr. S. Jeavudeen	Advances in Mechanical Engineering	International Conference	20.03.2024 - 22.03.2024	SRM Institute of Science and Technology, Chennai
11	Dr. S. Jeavudeen	Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology	International Conference	21.10.2023 - 22.10.2023	Soft Computing Research Society
12	Mr. S. Loganathan	NEP-2020 Orientation & Sensitization	FDP	18.03.2024 - 26.03.2024	IIITDM Kancheepuram, UGC-Malaviya Mission Teacher Training Centre
13	Dr. K. SathickBasha	MA'AM 2023	International Conference	31.10.2023 - 01.11.2023	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
14	Dr. K. SathickBasha	Corrosion /Environmental Degredation /Surface Engineering	Atal FDP	July 2023-Oct' 23	Online -SWAYAM-NPTEL
15	Dr. K. SathickBasha	impact of Industry 4.0 on Industries and Academia	FDP	22.01.2024 - 27.01.2024	ATAL FDP-SRM Institute of Science and Technology, Chennai
16	Dr. K. SathickBasha	NEP 2020 Orientation & Sensitization Programme	FDP	5.03.2024 - 14.03.2024	IIITDM Kancheepuram, UGC-Malaviya Mission Teacher Training Centre
17	Dr. G. Rajesh	Global Conversations in Mechanical Engineering: Bridging Innovation and Sustainability	FDP	19.02.2024 - 23.02.2024	Madanapalle Institute of Technology & Science.
18	Dr. G. Rajesh	Multiple Attribute Decision Making Using Analytic Hierarchy Process	Workshop	26.02.2024 - 01.03.2024	NIT, Mizoram
19	Dr. K. Mohamed Bak	Global Conversations in Mechanical Engineering: Bridging Innovation and Sustainability	FDP	19.02.2024 - 23.02.2024	Madanapalle Institute of Technology & Science.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
20	Dr. K. Mohamed Bak	Mastering E Content Development	Workshop	28.02.2024 - 7.03.2024	B. S. Abdur Rahman Crescent Institute of Science and Technology
21	Dr. K. Mohamed Bak	NEP-2020 Orientation & Sensitization	FDP	18.03.2024 - 26.03.2024	IIITDM Kancheepuram, UGC-Malaviya Mission Teacher Training Centre
22	Dr. K. Mohamed Bak	Trends in Emerging Technologies – Future & Beyond - Thought Leaders Talk Series	Workshop	15.05.2024	ICT academy
23	Dr. K. Mohamed Bak	Digital Prototyping using CATIA	FDP	10.07.2023 - 14.07.2023	ICT academy

**7. Papers Published/ Presented in Journals & Conferences(Total Numbers Only)
(July 2023-June 2024)**

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	2	8	-	-	29	-	39

8. Details (list)of Publication in National & International Journals &Conferences: (IEEE Format)

1. Sriram Surya KirampadiSankar, Anish Murugan, Abdur Rahman, Mohamed IllyasRajendranDuraismyRamalingam, Fausto Pedro Garcia Marquez, Muthu ManokarAthikesavan "Recent advancements in flat plate solar collector using phase change materials and nanofluid: a review", *Environmental Science and Pollution Research*, vol. 30,pp.88366-88386, 2023.
2. S. Thanga KasiRajan, K. J. Nagarajan, V. Balasubramani, K. Sathickbasha, M. R. Sanjay, S. Siengchin, and A. N. Balaji "Investigation of mechanical and thermo-mechanical characteristics of silane-treated cellulose nanofibers from agricultural waste reinforced epoxy adhesive composites." *International Journal of Adhesion and Adhesives*, vol.126, 103492, 2023.
3. P. BalajiB.SuryaRajan "Effective utilization of high-temperature sulfides in coated form on steel fibers for brake pad application and evaluating its tribological performance," *Tribology International*, vol. 188, 108869, 2023
4. Jana Sai Ram, JeavudeenShiek, Shaul Hameed Syed "Multi-response optimization of PMEDM on Inconel 718 using hybrid T-GRA, TOPSIS, and ANN model." *FME Transactions*, vol.51, pp. 564-574,2023.
5. AbdelkrimKhelefa, Mohammed El HadiAttia, ZiedDriss,A. Muthu Manokar "Performance enhancement of photovoltaic solar collector using fins and bi-fluid: Thermal efficiency study", *Solar Energy*, vol. 263, 111987, 2023.
6. G. Mahadevan, N. Ramasamy, V. Jayaseelan, K. Mohamed-Bak "Effect of hydrothermal aging behavior on surface treated Kevlar fiber laminated composites." *Journal of Applied Research and Technology*, vol.21, no. 5, pp.850-857, 2023.

7. K. Mohamed Bak, K. Kalaichelvan, M. Abdur Rahman, S. Haque, S. Shaul Hameed, and A. S. Selvakumar, "Analysis of acoustic emission testing on the adherent layer thickness of lap joints under tensile loading" *Acoustic Emission*, vol. 65, no.10, pp.1-6, 2023.
8. MohdMuzammiluddin, M. Thirumurugan. "Friction Stir Processing of ZM21-nHA Surface Ceramic Nano-Composites in Simulated Body Fluid." *Transactions of the Indian Institute of Metals*, pp.1-9, 2023.
9. Samuel Garriba, H. Siddhi Jailani, "Extraction and characterization of natural cellulosic fiber from mariscusligularis plant as potential reinforcement in composites", *International Journal of Biological Macromolecules*, vol. 253, 127609, 2023.
10. S.MohamedIllyas, V. Kumaresan, A.Muthumanokar, "Numerical analysis on heat transfer, flow structure and exergy loss of combined truncated and circular ribs in a square duct" *Journal of Thermal Engineering*, vol.9 (6) pp.1-19.2023.
11. Dinesh Mevada, Hitesh Panchal, AnandNayyar, Kamal Sharma, A. Muthu Manokar, Mahmoud S. El-Sebaey, and Abdelazim G. Hussien. "Experimental performance evaluation of solar still with zig-zag shape air cooled condenser: An energy–exergy analysis approach," *Energy Reports*, vol.10, pp.1198-1210, 2023.
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16. S.Noman ,A.M Manokar"Experimental investigation of pistachio shell powder (bio-waste) to augment the performance of tubular solar still: Energy, exergy and environmental analysis",*Desalination*, vol. 576, 117317, 2024.
17. E.A Tei ,RM Hameed , M Illyas , M.M Athikesavan"Experimental investigation of inclined solar still with and without sand as energy storage materials",*Journal of Energy Storage*, vol. 77,109809, 2024.
18. S.Noman,A.E Kabeel ,A.M Manokar "Performance improvement of tubular solar still with pistachios shell materials: Energy, exergy, economic, and sustainability analysis",*Journal of Energy Storage*, vol.78,110132, 2024.
19. P.Balaji ,K.Sathickbasha , D.Magadevan"The significance of low and high temperature solid lubricants for brake friction applications and their tribological investigation",*Tribology International*, vol.191,109109, 2024.
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21. A.Baskar , MS Balaji , JK Katiyar , B Nagpal , JR Babu"New population-based simple algorithms for solving global optimisation problems",*International Journal of Mathematics in Operational Research*,vol. 27, no.2, pp.199-222, 2024.
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24. S.A Claret,J.P Dharmian ,A.M Manokar“Artificial intelligence-driven enhanced skin cancer diagnosis: leveraging convolutional neural networks with discrete wavelet transformation”,*Egyptian Journal of Medical Human Genetics* vol. 25 no.50, 2024.
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26. J.Johnkutty , S.Haque , J.T Davis “Exploratory Data Analysis using Machine learning-Behaviour Based Safety”,*Journal of Electrical Systems*. vol. 20, no.7, pp.744-54, 2024.
27. SR Kumar , MS Ali , CA Pandian, Muralidharan V,“Condition monitoring of electric vehicle motor testing machine’s Vital components using bagged trees and quadratic SVM: a comparative study”,*Engineering Research Express*, vol.6, no.2, 025531, 2024.
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29. S Chandramohan, M Vaithyanathan, BC Chakraborty , MM Dharmaraj “Synergistic effect of graphene and carbon black on the mechanical and vibration damping characteristics of styrene-butadiene rubber”,*Iranian Polymer Journal*, 2024.

International Conference& National Conference:

- 1.A Muthu Manokar, “An experimental study of air-cooled MONO PERC solar panel equipped with activated carbon pellet fins: performance and environmental analysis”, *SIMEE 2023: The Second International Conference on Materials, Energy and Environment*, El Oued, Algeria, Oct. 2023.
- 2.Wesley JeevadasonAruldoss, Muthu Manokar A, “Experimental investigation on the performance enhancement of Twin Wedge Solar Still using PV-powered Induction heating system”, *SIMEE 2023 : The Second International Conference on Materials, Energy and Environment*, El Oued, Algeria, Oct. 2023
- 3.Emmanuel AgboTei, RasoolMohideen, Sivakumar V, A. Muthu Manokar, “An experimental investigation on the effects of water depth on the thermal efficiency, exergy efficiency, and exergy losses of solar still with and without silicon carbide”, *SIMEE 2023 : The Second International Conference on Materials, Energy and Environment*, El Oued, Algeria, Oct. 2023.
- 4.Syed Noman, Khairun Nisha, RevathiPurushothaman, RajendranDuraishamyRamalingam, A. Muthu Manokar, “Study on annual performance and economic analysis of tubular solar still using bio-waste material”, *International Conference on Water held at the International Institute of Water*, Jodhpur, India, March 2024.
- 5.Khairun Nisha, Syed Noman, RevathiPurushothaman, A. Muthu Manokar, “Comparative experimental investigation of tubular solar still with and without madhucalongifolia (bio – waste)” *International Conference on Water held at the International Institute of Water*, Jodhpur, India, March 2024.
- 6.D.R.Rajendran, A. Muthu manokar, G.Rajesh, Shyam Kumar Chaudhary, Pravin MadhukarraoThorat, “Experimental Studies on Tubular Solar Stills with and Without Parabolic Trough Reflector Integration”, *International Conference on Water held at the International Institute of Water*, Jodhpur, India, March 2024.
- 7.A. ArockiaJulias, C. K. Arvinda Pandian, P. D. Jeyakumar, M. Thirumurugan, M. Vasumathi, “Experimental studies on the buckling strength of epoxy matrix composites reinforced with glass fibre as core and carbon/kevlarfibre as outer layer ”, *International Conference on Materials and Energy Science*, Aditya Engineering College, March 2024
- 8.R.Karunanithi, M.Prashanth, M.kamaraj, S.Sivasankaran “ wear behavior of zro2 dispersed ti-6al-4v alloy nanocomposites prepared bymechanical alloying and spark plasma sintering”, *11th International*

Conference on Renewable Electrical Power Sources, Chamber of Commerce and Industry of Serbia, November 2023.

- 9.S. Jeavudeen, MurshithaShajahan and MuhyiddeenNafees, Ear based Detection of Driver's Drowsiness using visual Features, Artificial Intelligence and Sustainable Computing, *5th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology(ICSISCET 2023)*, Madhav Institute of Technology & Science, Gwalior, India, October, 2023.
10. S. Jeavudeen, Nihaal Ahmed Diwan, Aabid Ahmed, Jana Sai Ram "Comparison of Machining performance of various types", *5th International Conference on Advances in Mechanical Engineering Department of Mechanical Engineering*, SRM Institute of Science and Technology, Chennai, India-March 2024.

9. Book(s) Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Name of the Publisher, country& Month of publication	Availability status
1	J ShahithaParveen, M Thirumurugan	Advances in Flexible and Printed Electronics / New generation polymer nanocomposites for flexible electronics	IOP Science	Available in online
2	ShiekJeavudeen, MurshithaShajahan, and MuhyiddeenNafees	Ear-Based Detection of Driver's Drowsiness using Visual Features	Springer	Available in online

10. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1	A.S.Selvakumar Department of Mechanical Engineering BSACIST	Steering wheel for Monitoring driver Health emergencies for automatic braking of automobiles	Design No: 363975-001 Date : 8.12.2023	--	--
2	S. Mohamed Illyas Department of Mechanical Engineering BSACIST	Apparatus for Swirling Jet generator	File No: 420513-001 Date:18.06.2024	--	--
3	Md. Javeed Ahmed Department of Mechanical Engineering BSACIST	Solar Powered Hybrid Multi-Mode Water Wheeler	Design Patent filed on Date : 17.10.2023	--	Design No.: 397807-001 Dated: 26.04.2024
4	RasoolMohideenShahul Hameed Department of Mechanical Engineering BSACIST	Flexible Joint Robotic Arm With Hopper For Materials Handling System	File No. 202441019046, Date:15.03.2024,	(U/S 11A): 29/03/2024	--
5	RasoolMohideenShahul Hameed Department of Mechanical Engineering BSACIST	An Add-On Device for Use in Wire Arc Additive Manufacturing	File No. 202341042114, date: 23.06.2023,	(U/S 11A): 01/12/2023	--

6	C.Sivakumar N. Ravikumar Department of Mechanical Engineering BSACIST	A System For Temperature Measurement In A Tribometer	--	Patent No: 202341046574	--
7	M.A.Sai Balaji Department of Mechanical Engineering BSACIST	Development Of Low Frequency Squealing Noise Insulator For Passenger Car Drum Brake	--	--	Date of Grant: 28.12.2023

11. Details of Impact Factor of the Publication and H-Index of the department

- I) Range : 0 - 8.2
- J) Average : 3.406
- K) H-Index : 47
- L) No. In Scopus: 29

12. Sponsored Research (Ongoing / Granted)

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned (Rs)	Current Status
1	Dr. H. Siddhi Jailani Dr. J. Mahashar Ali	AICTE - RPS	Non-Contact Surface Roughness Measurement of Machined Surfaces using the Wavelet Metrics of Laser Speckle Images	8.67 Lakhs	Ongoing
2	Dr.S.Sivasankaran Dr.R.Karunanithi	Ministry of Education, Saudi Arabi	Synthesis and investigation of Zn-based biodegradable alloys for medical implant applications: extensive corrosion and mechanical properties explorations.	16.3 Lakhs	Ongoing
3	Dr. D.Pradeep Kumar	Crescent Seed Money Project Scheme, BSACIST	Tool Wear Assessment using Vibration Signals during milling of EN 8 and EN 19 Steel Alloys	15,000	Ongoing
4	Dr.S.Jeavudeen	Crescent Seed Money Project Scheme, BSACIST	Sensor Based Physiological system for the Detection of Driver's Drowsiness	85,000	Ongoing

13. Details of Major Equipment Purchased (Financial year 2023-24)

S.No	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount (Rs)
1	Calibri Mini 3D Scanner and Geomagic Control X Software	Thor 3D - Republic of Kazakhstan	27.03.2024	24.04.2024	12,98,000
2	1.PLC Based Bottling Filling Plant and Level Controller 2. Flow Process Control Loop	J-tech Instruments - India	21.11.2023	11.01.2024	1,72,074

14. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr. M. A. Sai Balaji	Research Fellow	INTI University, Malaysia	December2023-December 2025
2	Dr. K. Sathickbasha	Research Fellow	INTI University, Malaysia	December2023-December 2025
3	Dr. A. Muthu Manokar	Top 2% researchers in the world during 2022 based on citations and h-index published by Stanford University, Elsevier BV	Stanford University, Elsevier	October 2023

15. Details of MOOC courses completed by Faculty (NPTEL/COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1	Dr. A. ArockiaJulias	Materials Science	SWAYAM - IGNOU	March 2024 - May 2024
2	Mr. C. Sivakumar	Mechatronics	NPTEL	January 2024 - May 2024
3	Mr. S. Loganathan	Corrosion/Environmental Degradation/Surface Engineering	NPTEL	July 2023 – Oct0ber' 2023
4	Dr. K. SathickBasha	Corrosion/Environmental Degradation/Surface Engineering	NPTEL	July 2023 – October' 2023
5	Dr. K. Mohamed Bak	Design, Technology and Innovation	NPTEL-AICTE	January 2024 - May 2024
6	Dr. N. Ravikumar	Introduction to Machine learning	NPTEL	July 2023- Sep 2023

16. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	EsakkiPandi	220021601015	Won 2 nd Place In Silambam Event (ORION'24)	BSACIST	February 2024
2	Poojha S	210021601066	Participated in final round of Art of Elevator Pitch	IIM Bangalore	March 2024
3	Surjith J	210021601084	Secured 1st place at CIPET Symposium, Young Scientists Competition and Received Rs 3000/-	Central Institute of Petrochemicals Engineering And Technology (CIPET)	April 2024
4	Shahul Hameed	210021601076	International Internship	Fluid Tech, Kingdom of Bahrain	July 2023

5	Shahul Hameed	210021601076	International Internship	Air Master, HVAC installation & Maintenance, Kingdom of Bahrain	July 2024
6	Muhammad Younus	210021601060	International Internship	Motorola, Malaysia	July 2023
7	ShakelAhamad S	210021601077	Internship at Government Organization	BHEL, India	June 2024
8	Muhsin A R	210021601062	Internship at Government Organization	CSIR-CEERI, India	June 2024
9	Mohammed Ziyavudeen R P	210021601057	Internship at Government Organization	CSIR- CEERI, India	June 2024
10	Surjith J	210021601084	Internship at Government Organization	CSIR-CEERI India	June 2024

17. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Hovercraft Racing Competition	27.03.2024	35 students participated	The objective is to provide a platform for students to showcase their engineering ingenuity and creativity through the design and racing of hovercrafts.	The competition highlighted the ingenuity and talent of students by featuring innovative hovercraft designs and racing skills.
2	Seminar on "Latest Trends in Automotive Industry, E-Mobility, Safety and Advanced Materials"	14.03.2024	62 students and 4 faculty members participated	The seminar aimed to explore and discuss the latest trends in the automotive industry, focusing on electric mobility, safety enhancements and the integration of advanced materials.	The participants gained understanding on the transformative changes happening within the automotive industries.
3	National Seminar on "High Performance Materials and Its Characterization for Aerospace and Mechanical Engineering Applications"	15.11.2023	48 students and 1 faculty member participated	The seminar aimed to delve into high performance materials and their characterization, focusing on applications within aerospace and mechanical engineering.	The participants gained a comprehensive understanding of high-performance materials, including their properties, applications and advantages over conventional materials.
4	Workshop on "Industry 4.0 – Industrial Design, Visualization & Conceptualization"	06.11.2023 - 08.11.2023	16 students and 1 faculty member participated	The workshop aimed to explore industrial design visualization and conceptualization within the framework of Industry 4.0 focusing on enhancing the skills of students in	Participants gained insights into advanced industrial design visualization and conceptualization techniques pertinent to Industry 4.0

				modern industrial design techniques.	
5	Seminar "Data Centre and High Performance Computing for Engineering Applications"	26.10.2023	67 students and 20 faculty members participated	The objective seminar is to highlight how HighPerformance Computing contributes crucially to advancing scientific research and computational applications.	The event facilitated an understanding of data centers and high-performance computing impact on engineering applications
6	Workshop on Engineering Design – An activity based approach	11.09. 2023	15 faculty members participated	The workshop aimed to provide hands on training to faculty members teaching the Engineering Design course for undergraduate students, focusing on design thinking and practical project assignments.	Participants learned about the importance of problem definition, brainstorming, conceptualizing solutions and iterative testing and improvement.
7	Seminar on "College to Corporate"	17.4.2024	125 students and 6 Faculty members participated	The objective of the presentation was to provide students with a structured career roadmap based on the vast experience of the speaker, illustrating how to plan and evolve their careers over time.	Students gained practical insights into each role, helping them to envisage and plan their career growth effectively.
8	Mecha Rush 2024 – A National Level Technical Symposium	24.4.2024	436 students participated	The symposium aimed to uncover and develop the inherent talents of students from various fields preparing them for both employment and entrepreneurship.	Students had the opportunity to showcase their talents and skills across diverse fields
9	Value Added Courses on "Artificial Intelligence and Industrial Robotics"	February 2023 - September 2023	20 students and 1 faculty member participated	The importance of integrating complete manufacturing processes usingintegrated systems, data communication, automation and advanced learning processes like AI.	<ul style="list-style-type: none"> Participants gained expertise in AI concepts such as machine learning, deep learning. Participants acquired skills in designing, programming, and operating industrial robots

18. Industry / Institute Collaboration

S.No	Name & Detail of Industry	Type of Collaboration	Month & Year	Status	Outcome
1	M/s. HL MandoAnandIndia Pvt. Ltd., Chennai	Higher studies to the employees with Diploma Qualification	20.12.2017 onwards	Ongoing	Diploma engineers graduated

19. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker
			Faculty	Student	Others	
1	Society of Mechanical Engineers	Workshop on "Engineering Design"	15	NIL	NIL	Dr. A. ArockiaJulias, Associate Professor Mr. M. Balasrinivasan, Assistant Professor (Sr. Gr)
	Outcome : Participants learned about the importance of problem definition, brainstorming, conceptualizing solutions, and iterative testing and improvement.					
2	Computer Society of India, Chennai Chapter	Seminar on "Data Centre and High Performance Computing for Engineering Applications"	20	67	NIL	Dr. Pethuru Raj Reliance JioInfocomm. Ltd, Bangalore.
	Outcome : The event facilitated an understanding of data centers and high performance computing impact on engineering applications					
3	SME, ISHRAE, SAE and ASME	Inauguration of Society activities for the AY 2023-24	29	216	NIL	Mr. S. Paramasivam DGM - Technical Expert, Vehicle Division, Renault Nissan Business Centre India Pvt. Ltd
	Outcome : Students gained access to a wide range of professional development opportunities, including workshops, seminars, and training sessions.					
5	Aeronautical Society of India, Chennai	National Seminar on "High Performance Materials and Its Characterization for Aerospace and Mechanical Engineering Applications"	1	44	4	Dr. D. Sathia Narayanan, Scientist F, National Institute of Ocean Technology Chennai. Dr. S. RajendraBoopathy, Emeritus Professor (AU-FRG), Dept. of Mechanical Engineering, Anna University, Chennai. Dr. K. Kalaichelvan Professor, Dept. of Ceramic Technology, ACT Campus, Anna University, Chennai.
	Outcome : Participants gained insights into advanced industrial design visualization and conceptualization techniques pertinent to Industry 4.0					
6	SAE India	Latest Trends in Automotive Industry E-Mobility, Safety and Advanced Materials	4	62	NIL	Mr. Prasad Arun Kumar, Divisional Manager, Stellantis Ltd, Chennai.
	Outcome : The participants had deep understanding on the transformative changes happening within the automotive industries.					
7	ASME Student Section	Hovercraft Racing Competition	8	35	NIL	NA
	Outcome : The competition highlighted the ingenuity and talent of students by featuring innovative hovercraft designs and racing skills.					

8	SAEISS MWC division.	Seminar on “College to Corporate”	6	125	NIL	Mr. R. Govindarajan, Head Product Development- Global Testing and validation, Royal Enfield, Chennai
Outcome : Students gained practical insights into each role helping them envision and plan their career growth effectively.						
9	SME, ISHRAE, SAE and ASME	Mecha Rush 2024 – A National Level Technical Symposium	NIL	376	60 (External)	Mr. M. Venkatramanan, DGM – Sales and Marketing, HL MandoAnand India Limited
Outcome : Students had the opportunity to showcase their talents and skills across diverse fields						

20. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1	Dr.V.Balamurugan	Scientist H & Associate Director CVRDE, Chennai	Synopsis Meeting - 19.08.2023	Delivered commenton synopsis presented
2	Mr. M.Venkatraman	DGM – Sales and Marketing, HL MandoAnand India Pvt. Ltd, Chennai	24.04.2024- Chief Guest for Mecha Rush 2024 - A National Level Technical Symposium	Delivered keynote address on the perspective to spark interest in the symposium themes which motivated the participants

21. Any other academic relevant information

1. The Department of Mechanical Engineering has received NBA accreditation for the academic year 2023-24 to 2025-26.
2. Dr.MohdDurveshMohiudeen has completed hisPhD titled “Fracture Analysis of wire arc additive Manufactured 1.25 Cr and 0.5 Mo Steel Weldments” during October 2023.
3. Dr. N. Ravikumarhas completed his PhD titled “Investigations of Tribological Properties of Graphene Reinforced Friction Composites Tested on Modified Grey Cast Iron Disc” during September 2023
4. Dr. S. ZeenathFathima has completed her PhD titled “Investigations on Microstructures, Mechanical and Corrosion Properties of Al 6101 Closed Cell Aluminium Alloy Foams under Heat and Cryogenic Treatments” during July 2023.

22. Photographs with relevant captions for Important Activities



Mr. M. Venkatramanan, DGM – Sales and Marketing, HL MandoAnand India Pvt.Ltd, inaugurated Mecha Rush 2024 – A National Level Technical Symposium



Certificates and cash prizes given for the participants of Mecha Rush 2024 – A National Level Technical Symposium



Mr. R. Govindarajan, Head Product Development-Global Testing and validation, Royal Enfield, Chennai delivered speech during seminar on college to corporate



Our students participated Hovercraft Racing competition organized by ASME student section.



Mr. Prasad Arun Kumar, Divisional Manager, Stellantis Ltd, Chennai delivered lecture for a seminar on Latest Trends in Automotive Industry, E-Mobility, Safety and Advanced Materials



Dr. D. Sathia Narayanan, Scientist F, National Institute of Ocean Technology, Chennai inaugurated the National Seminar on High Performance Materials and Its Characterization for Aerospace and Mechanical Engineering Applications



Conceptualization



Mr. S. Paramasivam, DGM – Technical Expert, Vehicle Division, Renault Nissan Business Centre India Pvt. Ltd inaugurated society activities for the year 2023-24



Dr. Pethuru Raj, Jioinfocomm Ltd, Bangalore delivered lecture during seminar on Data Centre and High Performance Computing for Engineering Applications



activity based approach



Industrial visit at Grundfos Pumps India Pvt. Ltd, Chennai



Industrial visit at HL MandoAnand India Pvt. Ltd, Chennai



Industrial visit at North Chennai Thermal Power Station – I, Chennai

DEPARTMENT OF AEROSPACE ENGINEERING

1. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	B.Tech Aeronautical	III, V and VI	-	70	Dr. S M Satheesh, Dr. Sri Nithya Mahottamananda and Mr. S V Karthikeyan	VSSC, Trivandrum	14.09.2023-16.09.2023
2.	B.Tech Aeronautical	IV and VI	-	50	Dr. Sri Nithya Mahottamananda & Dr. S Karthikeyan	Umagine Chennai	23.02.2024
Outcome of the Visit: Students exposed to startup atmosphere							

2. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Exploring non-linear dynamics: from basics to applications	Workshop	26-27, February 2024	IIT Madras (PMRF Scholar)	02	53	-	-
Details of Resource Persons: (i) Dr.R.Rohit (ii) Dr.Shruthi Tandon								

3. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1.	JETSCREECH 2024 – A National level technical symposium	20000 INR	Institute

4. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1.	Dr. S M Satheesh	Modern Research in Aerospace Engineering.	International Conference	21/09/2023 & 22/09/2023	Amity University, UP
2.	Dr. M Magesh	Recent Advances in Materials and Manufacturing	Conference	29/12/2023 & 30/12/2023	Velalar College of Engineering and Technology, Erode
3.	Dr. Sri Nithya Mahottamananda	High Energy Materials Conference & Exhibits - Expedition towards excellence in energetics	International Conference	31/01/2024 to 04/02/2024	HEMSI, DRDO & ISRO
4.	Dr. M Magesh	Progresses and Challenges in Aerospace Engineering (NCPAE 24)	National conference	26/04/2024 & 27/04/2024	Rajalakshmi Engineering College, Chennai
5.	Dr. S M Satheesh	Progresses and Challenges in Aerospace Engineering (NCPAE 24)	National conference	26/04/2024 & 27/04/2024	Rajalakshmi Engineering college, Chennai
6.	Dr. S Karthikeyan	Machine Intelligence and Futuristic Research Directions	FDP	04/09/2023 to 09/09/2023.	SRM Institute of Science and Technology Kattankulathur, Chennai (School of Computing)
7.	Dr. S M Satheesh	Recent Technological Trends in Aerospace Engineering	FDP	15/10/2023 to 20/10/2023.	SRM Institute of Science and Technology Kattankulathur, Chennai
8.	Dr. P N Kadiresh	Recent Technological Trends in Aerospace Engineering	FDP	15/10/2023 to 20/10/2023.	SRM Institute of Science and Technology Kattankulathur, Chennai
9.	Dr. S Karthikeyan	Current era : Enhancement of Multifaceted Competency of Faculty	FDP	16/10/2023 to 21/10/2023.	SRM Institute of Science and Technology Kattankulathur, Chennai. Department of data science and business systems
10.	Dr. Sri Nithya Mahottamananda	Recent Advances in Smart Materials and Sensor	FDP	08/01/2024 to 13/01/2024.	ATAL & Hindustan institute of technology and

		Technologies			science, Chennai
11.	Dr. S Karthikeyan	Recent Advancements in Artificial Intelligence	FDP	08/01/2024 to 12/01/2024.	Jerusalem College of Engineering
12.	Dr. S Karthikeyan	Mastering E Content Development	FDP	28/02/2024 to 07/03/2024.	Center for Distance and Online Education BSACIST
13.	Dr. Sri Nithya Mahottamananda	Advancements in Aerospace Materials, Manufacturing, Testing and Characterization 2.0	FDP	11/03/2024 to 15/03/2024.	IE(I) & Hindusthan College of Engineering and Technology, Coimbatore
14.	Dr. M Magesh	Advancements in Aerospace Materials, Manufacturing, Testing and Characterization 2.0	FDP	11/03/2024 to 15/03/2024.	IE(I) & Hindusthan College of Engineering and Technology, Coimbatore
15.	Dr. S M Satheesh	Advancements in Aerospace Materials, Manufacturing, Testing and Characterization 2.0	FDP	11/03/2024 to 15/03/2024.	IE(I) & Hindusthan College of Engineering and Technology, Coimbatore
16.	Dr. S M Satheesh	NEP 2020 Orientation & Sensitization Programme	FDP	20/05/2024 to 30/05/2024.	MM-TTP of UGC & IIITDM, Kanchipuram
17.	Dr P N Kadiresh	Artificial Intelligence (AI)	FDP	June, 2024	Skill Dzire in collaboration with AICTE
18.	Dr. S M Satheesh	Automated Artificial Intelligence and Machine Learning Systems	Seminar	09/09/2023	SRM Institute of Science and Technology Kattankulathur, Chennai
19.	Dr. S Karthikeyan	Outcome based education with Hands-on training	Workshop	01/08/2023 & 02/08/2023	BSACIST (MIS Office)

5. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2023 -June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
5	0	5	1	0	0	7	0	18

6. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

- a) **SCI/Scopus Indexed Journal**
- b) **Other journals**

1. Raja, T., Al-Otibi, F. O., Alharbi, R. I., Mohanavel, V., Velmurugan, P., Karthikeyan, S., & Basavegowda, N. (2023). A novel study of biological and structural analysis on Cissus quadrangularis fiber-reinforced CaO particulates epoxy composite for biomedical application. *Journal of Materials Research and Technology*, 27, 692-702.
2. Magesh M., Jawahar P.K., Saranya S, "Perching dynamics of landing gears in drones over asymmetrical surfaces using Deep reinforcement learning" *Tuijin Jishu/Journal of Propulsion Technology*, Vol. 44 No. 4 (2023)
3. Magesh, M., Jawahar, P.K., Saranya, S, "Aerodynamic stability of drones for auxetic materials as landing gears", *Journal of Harbin Engineering University*, Vol. 44 No. 12 (2023)
4. Magesh, M., Jawahar, P., (2024). Spider Monkey Metaheuristic Tuning of Model Predictive Control with Perched Landing Stabilities for Novel Auxetic Landing Foot in Drones. *Elektronika Ir Elektrotechnika*, 30(1), 14-24.
5. Kadiresh P. Natarajan, Kaleeswaran Periyasamy, "Supersonic jet noise and screech tone suppression using cross-wire" *International Journal of Aeroacoustics*, 23, 1-2, P5-19, March 2024.
6. Sri Nithya Mahottamananda, Yash Pal, Yarravarapu Sai Sriram, and Subha S and Djalal Trache, Evaluating Ignition and Combustion Performance with Al- Metal-Organic Frameworks and Nano-Aluminum in HTPB fuel, *Chinese journal of explosives & propellants*, June 2024. (Accepted for publication)
7. Saravanan M, Krishnakumari A, Alisha Biju a, Kaveri Vucha, Yash Pal and Sri Nithya Mahottamananda, Prediction of regression rate of HTPB Solid fuel -A machine learning approach, *Journal of Aeronautics, Astronautics and Aviation*, June 2024. (Accepted for publication)

International Conference & National Conference:

- a) **Conference with ISBN Proceedings**
- b) **Other Conferences**

1. Sri Nithya Mahottamananda, Yash Pal, Yarravarapu Sai Sriram, and Subha S and Djalal Trache, Evaluating Ignition and Combustion Performance with Al-Metal-Organic Frameworks and Nano-Aluminum in HTPB fuel, 14th International High Energy Materials Conference and Exhibits, organized by HEMSI, DRDO & ISRO, February 2024
2. Sasi Kiran Palateerdham, Abdul Rahman, Sri Nithya Mahottamananda, Yash Pal and Antonella Ingenito, High density energy particles as a solid fuel for Ramjet applications, The 3rd International Conference on High-Speed Vehicle Science and Technology, Busan, South Korea, April 2024.
3. S. M. Satheesh, Thirushah N R, Vishal Thirumurugan, Subramanian and Mr. K. Vijay Anand, Designing and analysis of mild steel landing gear strut for a 3 Ton Unmanned Aerial Vehicle, International Conference on Modern Research in Aerospace Engineering, Amity University, UP, September 21 & 22, 2023.
4. S M Satheesh, B. N. Bhat, M. Lone and M. Yousuf, Numerical study of Jute Vinyl ester honeycomb under compression testing, National conference on progresses and challenges in aerospace engineering (NCPAE 24), Rajalakshmi Engineering college, Chennai, April 26 & 27, 2024.
5. S M Satheesh, F Yousef and S. Mohamath, Numerical investigation of Acrylonitrile Butadiene Styrene protective layer under compression, National conference on progresses and challenges in aerospace engineering (NCPAE 24), Rajalakshmi Engineering college, Chennai, April 26 & 27, 2024.

6. Kadiresh P. Natarajan, Kaleeswaran Periyasamy, "Experimental Investigation of Supersonic Jet Noise Mitigation of CD Nozzle with Crosswire", 15th International Symposium on Experimental and Computational Aerothermodynamics of Internal flow, IITM, Chennai, Oct 2023.
7. Magesh, M., Karthikeyan Selvaraj., Anitha., "Non-Destructive Detection of Material Defects in Monel Alloy using Force and Acoustic-Emission Measurements during turning operation "2023 Fifth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2023) held during 29 - 30, December 2023.
8. Magesh, M., Karthikeyan Selvaraj., Anitha., "Machine Vision-based Tool Location and Wear Monitoring in Turning operation: Optical Setup and Image Processing Approaches" in "2023 Fifth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2023) held during 29 - 30, December 2023.
9. Magesh, M., Jawahar, P.K., Saranya, S, N., "Kinetic stabilities of Perched Landing Approach for Novel Auxetic Landing Gear in UAV with the Aid of Deep reinforcement Learning Based IMC PID Control" at the National conference on Progresses and Challenges in Aerospace Engineering- NCPCAE'24 held on 26-27 April 2024.
10. Karthikeyan, S., G. Bharath Ajay, N. Raakin Ahamed, and A. Sharun. "Experimental and computational investigation of low Reynolds number aerodynamic characteristics of fixed wings relevant to micro air vehicle (MAVs)." In AIP Conference Proceedings, vol. 3037, no. 1. AIP Publishing, 2024.
11. Karthikeyan, S., Ahmed Dulvi, R. Raghavi, and S. Sai Suresh. "Computational and experimental investigation of aerodynamic characteristics of biologically inspired flapping wings." In AIP Conference Proceedings, vol. 3037, no. 1. AIP Publishing, 2024.

7. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1.	P.N. Kadiresh and P. Kaleeswaran	A Soil Excavation Device	-	-	1

8. Details of Impact Factor of the Publication and H-Index of the department

A) Range	-	-	
B) Average	-	-	
C) H-Index	-	-	06
D) No. In Scopus	-	43	

9. Sponsored Research (Ongoing / Granted)

S. No.	Principal and Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned INR	Current Status
1	Dr M Magesh	BSACIST	Development of RVQDD Systems for Enhanced Robotic Actuators	1,00,000/-	In progress
2	Dr.S.Karthikeyan	BSACIST	Fault Detection and Cleaning of Rooftop based Photovoltaic Power Plant using Drones	70,000/-	In progress

10. Details of new Research Laboratories Created

S.No	Name of the Lab	Details of Infrastructure		Value of Equipment procured in the Financial Year 2023-24 (Rs.)
		Land (sq.ft)	Construction Space (sq.ft)	
1	UAV Modelling and Simulator Laboratory	-	120 Sq.ft	5 Lac

11. Details of Major Equipment Purchased (Financial year 2023-24)

S.No	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount in Rs
1.	High Speed Jet Setup (M = 2.0) with complete instrumentation like computerized 3D traverse, DAC and flow visualization set up	India	January, 2024	January, 2024	INR 16 Lakhs

12. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr. S. Karthikeyan	Best paper award	International Global conference on Aeronautical, Aerospace and Mechanical sciences -2024" held at Global Academy of Technology, Bangalore.	May, 2024

13. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/ Award Achieved	Details of Awarding organization	Month & Year
1	Mohamed Siraj Sheriff	200091601012	Best paper award	International "Global conference on Aeronautical, Aerospace and Mechanical sciences - 2024" held at Global academy of Technology, Bangalore.	May, 2024
2	Skanth. S	200091601019			
3	Perumal Swamy Jai Sankar	200091601015			

14. MoUs Signed

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome
			Day	Month	Year	
1.	M H Cockpit	Curriculum Design, Industrial Training, Skill Development and VAP	15	March	2024	New UG Program – BSc (Aviation) started from AY 2024-25

15. Any other academic relevant information

Guest lectures conducted:

1. New Product Development using CAD/CAM/CAE/3D PRINTING – Mr. P G Ramanan, Director, CADDAM Technologies Pvt Ltd, 12th February 2024.
2. Career Options after graduation – Mr. Syed Saleem, General Manager - Manya Education (The Princeton Review) - 15th March 2024.
3. Design in NATURE (Underwater Vehicles - System Design & Analysis), Dr. S. B. Pranesh, Scientist "F", Deep Sea Technologies, National Institute of Ocean Technology, Chennai - 15th March 2024.

16. Photographs with relevant captions for Important Activities

JETSCREECH 2024 – A National Level Technical Symposium – 26th March 2024



Field Visit – Umanage Chennai on 23rd February 2024



Workshop organized - Exploring Non-Linear Dynamics: From Basics to Applications
 26th & 27th February 2024

DEPARTMENT OF AUTOMOBILE ENGINEERING

1. Value Added Programmes Offered

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	Ardunio	2023 – 24	January April 2024	IIT - Bombay	29	2	-
2.	QCAD	2023 – 24	January April 2024	IIT - Bombay	17	2	-

2. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	Automotive production process and the advanced technologies	IV	A	60	Dr. C. Dineshkumar Mr. N. Rajmohan	Renault Nissan Automotive India Pvt. Ltd.	14.03.2024

3. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the Programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Hands-on Workshop on “Contemporary IC Engine Technology Using Virtual Reality”	Workshop	2.11.2023 - 3.11.2023	Mirage Mechanics, Chennai	03	35	-	-

4. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1.	Dr. P.D. Jeyakumar	NBA Accreditation and Teaching Learning on Engineering	NPTEL course	January - April 2024	-

2.	Dr. P.D. Jeyakumar	Integration of Automotives and Smart Mechatronics System for Sustainable Mobility	FDP	31.01 .2024 - 4.02.2024	KCG College of Technology, Chennai.
3.	Dr. C. K. Arvinda Pandian	"Integration of Automotives and Smart Mechatronics System for Sustainable Mobility"	FDP	31.01 .2024 - 4.02.2024	KCG College of Technology, Chennai.
4.	Dr. C. K. Arvinda Pandian	"Industry 4.0 & Digitalization"	International Workshop Cum FDP	15.01 .2024 - 19.01.2024	Greater Kolkata College of Engineering and Management in technical association with IETE and CSI, Kolkata Chapter.
5.	Dr. C. K. Arvinda Pandian	"Additive Manufacturing Advancements in Different Applications [AMADA – 23]"	FDP	26.12.2023 - 31.12.2023	Dept.,of Mechanical Engineering, SRMIST, Ramapuram Campus, Chennai.
6.	Dr. C. K. Arvinda Pandian	5 days FDP on "CO PO MAPPING & CO Attainment"	FDP	10.07.2023 - 14.07.2023	Greater Kolkata College of Engineering & Management, Kolkata.

5. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journals

1. P Dinesh, P D Jeyakumar, RG Geethu Mani, Incorporating Optimization to Improve Durability of A356 Metal Matrix Composites with Nanoparticles of TiO₂ and SiC, Nanotechnology Perceptions, vol. 20, no. S1, pp 111-127 (2024)
2. Abdul Kareem Musthafa, Arockia Julias Arulraj, Sathish Kumar Rajamanickam, Mohanraj Manoharan, Sivakumar Sattanathan, P D Jeyakumar, Biodegradability and mechanical behavior of novel hybrid green composites fabricated with cashew shell particle, sisal fiber and corn starch resin, vol.44 (5) pp 319-329 (2024)
3. G Lawrance, P Sam Paul, DS Shylu, DS Ebenezer Jacob Dhas, C Dineshkumar, **P D Jeyakumar**, Solomon Jenoris Muthiya, Netsanet Ayele Getachew, Effect of metallic substrate and rubber elastic materials over passive constrained layer damping on tool vibration during boring process, Journal of Low Frequency Noise, Vibration and Active Control, pp 1-19 (2024), doi.org/10.1177/14613484241238933
4. T Vinodh, C Dineshkumar, P D Jeyakumar, Solomon Jenoris Muthiya, Nadana Kumar Vinayagam, R Christu Paul, Joshuva Arockia Dhanraj, Performance of Five-Point Seat Belt on Occupant Safety in Vehicle on Frontal Crash Test, SAE Technical Paper, 2023-01-5169 (2024)
5. Muraliraja, R., R. Anthoni Sagaya Selvan, A. Selvakumar, M. Franco, T. R. Tamilarasan, U. Sanjith, W. Sha, and J. Sudagar. "A Review of Electroless Coatings on Non-Metals: Bath Conditions, Properties and Applications." Journal of Alloys and Compounds (2023): 170723. (Elsevier, Impact factor: 6.37) **Q1 Scopus**
6. Umar, M. D., R. Muraliraja, P. Rathnakumar, and T. R. Tamilarasan. "Mechanical and Wear Behaviour Analysis of Graphene Reinforced Aluminum Alloy 7010 Metal Matrix Composite." Journal of Mines, Metals & Fuels, 71, no. 1 (2023). **Q4 Scopus**

7. Umar, M. D., R. Muraliraja, P. Rathnakumar, and T. R. Tamilarasan. "The influence of ZrO₂ on tribological and mechanical characteristics of Al composite." *Materials Today: Proceedings* (2023). (Elsevier) **Scopus**
8. Arvinda Pandian, S Kaliappan, L Natrayan, V Reddy, "Analyzing the Moisture and Chemical Retention Behavior of Flax Fiber–Ceramic Hybrid Composites for Automotive Underbody Shields", *SAE Technical Papers*, 2024-01-5006, 2024, <https://doi.org/10.4271/2024-01-5006>.
9. S R Kumar, M S W Ali, C K Arvinda Pandian, V Muralidharan, "Condition monitoring of electric vehicle motor testing machine's vital components using bagged trees and quadratic SVM: a comparative study", *Engineering Research Express*, Vol. 6, 025531, 2024.
10. P. Pandiyaraj, A. Manivannan, C. K. Arvinda Pandian, B Vijaya Ramnath, "Mechanical & Tribological behaviour of Squeeze casted Mg/SiC Composites for Defense Applications", *Silicon*, Vol. 15, pp. 7183–7189, 2023.
11. M. Satthiyaraju, K. A. Kumar, G. R. Kumar, N. B. K. Babu and C. K. Arvinda Pandian, "Effect of post-processing treatment on 3D-printed polylactic acid parts: layer interfaces and mechanical properties", *International Journal of Materials Research*, Vol. 114, pp. 114, 2023.
12. C. Dineshkumar, N. Kamesh, C. K. Arvinda Pandian, "Computational Analysis of a Simplified Car with Vortex Generator on Sides using RANS model", *Int. Journal of Vehicle Structures & Systems*, Scopus, 2024.(Accepted).
13. C. Dineshkumar, C. K. Arvinda Pandian, "Structural Analysis of Heavy Vehicle Chassis Using Various Geometries and Materials," *Journal of Polymer and Composites (JOPC)*, WOS, 2024. (Accepted)
14. C Dineshkumar, PD Jeyakumar, "Effect of metallic substrate and rubber elastic materials over passive constrained layer damping on tool vibration during boring process", *Journal of Low Frequency Noise, Vibration and Active Control*, SAGE Publications, 2024. (Impact factor -2.3).
15. T. Vinodh, C. Dineshkumar, "Performance of Five-Point Seat Belt on Occupant Safety in Vehicle on Frontal Crash Test", Issue 2023-01-5169, *SAE Technical Paper*, 2024. (Scopus)
16. Dhinesh Balasubramanian, Amudhan Rajarajan, Inbanaathan Papla Venugopal, C DINESHKUMAR, "Engine behavior analysis on a conventional diesel engine combustion mode powered by low viscous cedarwood oil/waste cooking oil biodiesel/diesel fuel mixture–An Experimental Study," *Process Safety and Environmental Protection*, Elsevier, 2024 (Impact factor-7.8).

6. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1.	Dr. C. K. Arvinda Pandian	Structural Analysis of E-Scooter Chassis	Filed	-	-
2.	Dr. C. Dineshkumar	BAJA ATV Roll Cage Safety Design and Analysis	Filed	-	-
3.	Dr. C. Dineshkumar	Design and Analysis of Two-Wheeler Scooter Chassis	Filed	-	-
4.	Dr. T.R. Tamilarasan,	Monitoring the Temperature of the Disc in a Tribometer. (Application Number – 202341046574)	-	Published	-

7. Details of Impact Factor of the Publication and H-Index of the department

M)Range - 0.8 to 6.2

N) Average- 3.325

O)H-Index - 15

P) No. In Scopus - 7

8. Sponsored Research (Ongoing / Granted)

S. No.	Principal And Co-Principal Investigators	Project Title	Amount Sanctioned	Current Status
1.	Dr. T.R Tamilarasan	"Development of radiation tolerant CrFeCUNi/Cx high/medium entropy alloy coatings electroless route for nuclear applications"	3.5 Lakhs	Status – Accepted; Funds & Sanction order from UGC are awaited.

9. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr. C. K. Arvinda Pandian	Best paper award	International Conference on Materials & Energy Science (ICMES – 2024) organized by Mechanical Engineering Department of Aditya Engineering College	March, 2024
2.	Dr. C. K. Arvinda Pandian	Certificate of reviewing	Journal Mechanics of Advanced Materials and Structures. (Taylor & Francis)	February, 2024

10. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Janaarthanan .P	210121602005	Best timing in Autocross	SNS College, Coimbatore	2023
2.	Janaarthanan .P	210121602005	Best Driver	ISNEE	2024
3.	Kavin Velan. S	210121601007	Best Workman Ship	ISNEE	2024
4.	Cres crew	Team Award	Team Award	ISNEE	2024
	Janaarthanan .P	210121602005	Best Driver	Aditya College,	2024

5.			Best Timing Auto Cross	Kakinada	
			People Choice Award		
6.	Harish	210121601006	Best Acceleration	Aditya College, Kakinada	2024
7.	Harish Janaarthanan. P Kavin Velan. S Balakrishnan Arjun Thaymanam. A T	210121601006 210121602005 210121601007 210121601005 210121601004	Best Design Award	Aditya College, Kakinada	2024

11. Details of credit transfer through NPTEL/Swayam/MOOC courses

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1.	Fizal, B. Tech. Automobile Engineering	120121601011	AU 202, Applied Thermodynamics	4	E

12. Professional Society Activities

S. No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker
			Faculty	Student	Others	
1.	Society of Automobile Engineers	Sharyo 2023, Auto expo etc,	5	80	-	Mr. M.S. Dhev Anandh, Project Manager, Satyam Venture Engineering Services, Chennai.

DEPARTMENT OF POLYMER ENGINEERING

1. Details of Field visits/Industrial visits organized by the department

S. No.	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	B.Tech. Polymer Engineering	IV & VIII	A	32	Dr. S. Shamshath Begum Mrs .R. Daulath Banu Dr. J. Shahitha Parveen	STAHL India Pvt. Ltd, Kancheepuram	02.05.2024
2.	B.Tech. Polymer Engineering	VI	A	26	Dr. Basanta Kumar Behera	Madras Hard tools Private Ltd (PET Division), Chennai	21.02.2024
3.	B.Tech. Polymer Engineering	IV	A	22	Dr. S. Shamshath Begum Mrs. R. Daulath Banu	Polyhose Industries, Chennai	11.10.2023
4.	B.Tech. Polymer Engineering	III & V	A	48	Dr. S. Shamshath Begum Dr. J. Shahitha Parveen Mrs. R. Daulath Banu	Nilkamal Limited, Pondicherry	01.08.2023
Outcome of the Visit : Guest Lecture, Placement for Students, Internship and Projects for the students							

2. Conferences / FDP / Seminars / Workshops Organized by the department

S.N o.	Name of the Programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Industrial Synthesis of Polymers – Polyolefins	Guest Lecture	29.04.2024	-	5	90	-	-
2.	Effect of Additives on Structure Development in Semicrystalline Polymers and Associated Properties	Webinar	28.03.2024	-	5	26	-	-
3.	Macron Symposium, 2024	Symposium	01.03.2024	Sponsored by Polyhose India Pvt Ltd and Modern Pipe Industries, Royal Road Lines, Metro	5	90	4	100

				Composites, Vital Chennai				
4.	"Higher Secondary Students"	Career Guidance	15.11.2023	-	-	-	-	246
5.	Recent Trends in Tyre and Rubber Product Manufacture	Seminar	8.11.2023	-	5	90	-	-
6.	Changing Lanes: The Transformation of Transportation and the Automotive Industry	Lecture	27.10.2023	-	5	90	-	-

Details of Keynote Speakers:

1. Dr. Poondi Srinivasan, Private Consultant for Polymer Industry, Previously worked in Equate Petrochemical Company, Kuwait, BTP India Ltd, Polyolefins Ltd, SRF Ltd, Chennai and IPCL, Baroda
2. Prof. Dr. S. Radhakrishnan, Director & Prof Emeritus, Research Development & Innovation, Maharashtra
3. Dr. R. Rajesh Babu, Divisional Head – Compound Development Apollo Tyres, Chennai
4. Dr. Asis K. Banerjee, Managing Director, INVENTA Technologies Pvt Ltd, Chennai
5. Mr. D. Balaji, Executive Director, KingFa Science & Technology, Chennai.
6. Mr. Sandeep Kumar Shukla, Lead Engineer, Materials Technology (Polymer), Mahindra Auto Division, Chennai.
7. Mr. A. Sajesh Chandran, Division Head - PCR, Apollo Tyres, Chennai and Mr. K. Gopi, Manager – PCR, Apollo Tyres, Chennai.
8. Mr. G. Ananda Kumar, Deputy Manager, Stahl India Private Limited, Chennai.

3. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1.	Macron Symposium, 2024	Rs. 25,000	BSACIST (received from Institution)
		Rs.15,000	Polyhose India Pvt. Ltd, Chennai
		Rs. 2,500	Modern Pipes, Chennai
		Rs. 5,000	Metro Composites, Chennai

4. Conferences / FDP / Seminars / Workshops Attended by Faculty

S. No.	Name of the faculty	Name of the Programme	Type of Programme	Duration From - To	Organized by
1.	Dr . Basanta Kumar Behera	Polyene General endowment lecture	Seminar	4.07.2024	Indian Plastic Institute (IPI)
2.	Dr . Basanta Kumar	NEP – 2020 Orientation and Sensitization	FDP	5.07.2024 - 13.07.2024	Malaviya Mission Teacher Training Center, University of

	Behera				Hyderabad
3.	Dr . Basanta Kumar Behera	Future of Tyre and Rubber Industry in 2030 and Beyond	Seminar	26.06.2024	Indian Rubber Institute (IRI), Chennai Chapter.
4.	Dr. J. Shahitha Parveen	Characterization of Polymers, Elastomers and composites	FDP	January – April 2024	NPTEL
5.	Dr. Basanta Kumar Behera	Current and Future Technological Developments in Rubber Components	Seminar	6.04 2024	Indian Rubber Institute (IRI), Chennai Chapter
6.	Dr. J. Shahitha Parveen	Hands-on Training in X-ray diffraction analysis	Workshop	26.03 2024	Physics Department, BSACIST
7.	Dr. Basanta Kumar Behera	Latest Development in Automotive Plastic Industry, Machinery, Automation, and Mould	Seminar	1.03 2024	Indian Plastic Institute (IPI), Chennai Chapter
8.	Dr. J. Shahitha Parveen	Polymers : Concepts, Properties, Uses and Sustainability	FDP	July - October 2023	NPTEL

5. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2023 - June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
2	1	-	3	-	-	11	-	17

6. Details (list)of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

a) SCI/Scopus Indexed Journal

b) Other journals

1. **Basanta Kumar Behera**, “**Mechanical, viscoelastic, biodegradability characteristics of ramie fiber reinforced acrylonitrile butadiene styrene composites**”, Journal of Applied Polymer Science, **2024**.
2. S. Ajeer, M. Mohammed Mazood, A. Riyaz Khan, J.N. Kursheed Sulaiha, and **S. Shamshath Begum** and Asit Baran Samui, “Characterization Studies of *Sepia officinalis* Bone Powder’s Synergistic Effect on Hydroxide with Aluminium Improvement of Flame Retardancy in Flexible Polyurethane Foam”, Materials Today Proceedings, 2024.
3. R. Daulath Banu, R. Karunanithi, S. Sivasankaran, B. Subramanian and Abdullah A. Alhomidan, “Synthesis, characterization, thermal and mechanical behavior of polypropylene hybrid composites embedded with CaCO₃ and graphene nano-platelets (GNPs) for structural applications”, AIMS Materials Science, 11(3): 463–494,2024.
4. Basanta Kumar Behera, Shahitha Parveen. J, Murali Manohar, S. Shamshath Begum and Thirumurugan, “The Influence of Graphite Filler on the Viscoelastic and Mechanical Characteristics of PC/ABS Hybrid Composite for Automotive Applications”, Journal of Mechanical Engineering, 21 (1), 2024, pp.143-161.
5. **J. Shahitha Parveen**, M. Thirumurugan, M. Dhakshnamoorthy, S. Sathick Basha, R. Daulath Banu, and V. Hari Shankar, “**Enhanced Performance of Electrospun poly (ethylene oxide) / reduced Graphene Oxide Polymer Electrolyte for Lithium-ion batteries**”, Material Letters, Vol.355, 13345, **2024**.
6. Vilvanatha Prabu A, Vijayaraghavan GV, Rehana Jan, **Shahitha Parveen J**, and Poovarasan K “**Collegial effects of CeO₂ / SiC nano-fillers on dielectric, thermal, impedance and conductivity behavior of PVDF-HFP matrix for flexible energy storage applications**” Polymer – Plastic Technology and Materials, pp. 1-19, **2024**.
7. Murali Manohar Dharmaraj, S. Shamshath Begum, and Bikash C. Chakraborty, “A study on nitrile rubber/polyvinyl chloride blend vulcanization kinetics with different fillers by using single isothermal rheography”, Journal of Elastomers & Plastics, 55 (6), 2023, pp. 896-916.
8. **Basanta Kumar Behera** and M. Thirumurugan, “**Study of Viscoelastic Behavior and Mechanical Characteristics of Graphene-Filled ABS Composites**”, Journal of Mechanical Engineering, Volume20(1), pp.169-184, **2023**.
9. Tadele Ageru Alemu, Delete Worku Ayele, J. Shahitha Parveen, Ababay Ketema Worku, Minbale Admas Teshager, Praveen C Ramamurthy and Dhakshnamoorthy Mani, “Highly sensitive detection of bacteria (E. Coli) endotoxin using novel PANI-benzimidazole-Ag nanocomposite by DMMB dye displacement assay”, Materials Research Express, Vol.10, pp. 0702035, 2023.
10. A Vilvanatha prabu, GV Vijayaraghavan, M Basheer Ahamed, J Rehana, J.Yoganadhan, **J. Shahitha Parveen**, “**Influence of SrTiO₃/Fe₂O₃ nano-fillers assisted PVDF-HFP polymer nanocomposite films**

on dielectric, impedance, and conductivity studies for energy storage applications”, Fullerenes, Nanotubes, and Carbon Nanostructures, pp.1-12, **2023**.

11. N. Gopinathan, S. Sathik Basha, N.Vasimalai, Noor Aman Ahrar Mundari, A. Shajahan, J. Shahitha Parveen, S. Syed Enayathali, **“Composition Driven Structural, Optical, Thermal and Electrochemical Properties of Hybrid Perovskite – Structured Methlammonium- Tin-Chloride”**, Journal of Electronic Materials, Vol.53, pp.94-105, **2023**.

International Conference& National Conference:

c) Conference with ISBN Proceedings

d) Other Conferences

1. M. Mohammad Mazood, A. Riyaz Khan, J.N. Kursheed Sulaiha, S. Ajeer, and S. Shamshath Begum, “Investigation on effect of Sustainable Filler incorporated into Rubber Compound for Tyre Production”, International Conference on Materials Science and Manufacturing Technology (ICMSMT 2024), 03rd- 04th May 2024.
2. S. Ajeer, Mohammad Mazood, A. Riyaz Khan, Ms. J.N. Kursheed Sulaiha, and S. Shamshath Begum*, “Characterization Studies of Sepia officinalis Bone Powder’s Synergistic Effect with Aluminium Hydroxide in the Improvement of Flame Retardancy in Flexible Polyurethane Foam”, 3rd International Conference on Materials Science & Engineering (ICMSE-2023), (23-25th November 2023), Dr B.R. Ambedkar National Institute of Technology Jalandhar, India.
3. Basanta Kumar Behera, “A Study on the Mechanical and Viscoelastic Characteristics of Compression Molded Acrylonitrile Butadiene Styrene (ABS)/Coconut Fiber (CF) Bio-Composites and the Cole-Cole Plots” in the International conference on Advanced Functional Materials and Devices (AFMD – 2024) organized by Nanotechnology Research Center (NRC), SRM Institute of Science and Technology, Kattankulathur, Chennai, Tamilnadu, India, held during February 29 – 29, 2024.
4. R. Daulath Banu, “Development of Bio-Hybrid Composite for Automotive Applications”, in Two day National Conference on “Advances in Polymer Composites (APC-2024)”, 23rd - 24th February 2024, conducted by MIT Campus, Anna University, Chennai.
5. M. Mohammed Mazood, S. Ajeer, A. Riyaz Khan, J.N. Kursheed Sulaiha, and S. Shamshath Begum, “Eco-friendly Hybrid Bio-composite Materials for Materials Engineering”, National Conference on Functional Materials for Sustainable Energy & Information Technology (FuMSEIT-2023), (27-28th November 2023), BSACIST, Chennai, India, pp. 100, ISBN: 978-93-92892-88-2.
6. J.N. Kursheed Sulaiha, A. Riyaz Khan, M. Mohammed Mazood, S. Ajeer, and S. Shamshath Begum, “Sustainable polymer reinforced with innovative filler: preparation and characterization”, National Conference on Functional Materials for Sustainable Energy & Information Technology (FuMSEIT-2023), (27-28th November 2023), BSACIST, Chennai, India, pp. 103, ISBN: 978-93-92892-88-2

7. Book(s) Published (Chapters)

S. No.	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country& Month of Publication	Availability Status
			Rs	\$		
1.	Dr. S. Shamshath Begum	2D Nanomaterials for Removal of Gas Molecules	-	\$ 230	Elsevier, 2024	Yes
2.	Dr. J. Shahitha Parveen	New Generation Polymer Nano Composites for Flexible Electronics	-	-	IOP Publications, 2023	Yes

8. Patents (Obtained / Applied)

S. No.	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1.	Dr. S. Shamshath Begum	An apparatus for synthesizing polymer-based composites	-	-	Yes
2.	Dr. S. Shamshath Begum	A system and method for automated moulding process	-	Yes	-

9. Details of Impact Factor of the Publication and H-Index of the department

Q) Average IF – 2.5
R) H-Index – 22
S) No. In Scopus – 04

10. Details of Major Equipment Purchased (Financial year 2023-24)

S. No.	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount in Rs
1.	Over Head Stirrer	Accumax Lab Devices, Neuaton, India	21.03.2024	21.03.2024	29,820/-
2.	Electro Magnetic Sieve Shaker	ANB Industries, India	04.03.2024	04.03.2024	1,50,000/-
3.	Hot Plate Magnetic Stirrer	Accumax Lab Devices, Neuaton, India	28.02.2024	28.02.2024	19,729.02/-

11. Achievements of Faculty

S. No.	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr. S. Shamshath Begum	Best Paper Award	Sixth International Conference on Materials Science and Manufacturing Technology	03.05.2024 - 04.05.2024
2.	Dr. S. Shamshath Begum	Keynote Speaker/ Invited Talk	4th International Conference on Recent Trends in Engineering Technology and Management 2024, (4th ICRETM – 2023) – 5th, April 2024 – Suguna College of Engineering, Coimbatore, India	04.05.2024
3.	Dr. S. Shamshath Begum	Invited Talk	The International Conference on Recent Innovative Techniques in Engineering, Technology, Science, and Management – (ICRITETSM – 2023), 17th, December 2023	17.12. 2023
4.	Dr. S. Shamshath Begum	Session Chair	2 nd International Conference on Recent Trends in Engineering and Technology – (2nd ICRTET–2024) – 14 th ,	14.03.2024

			March 2024 (ICRTET – 2024)	
5.	Dr. S. Shamshath Begum	Advisory Committee Member	15 th International Conference on Recent Engineering and Technology 2024, – (15 th ICRET–2024) – 30 th – 31 st , May 2024 – Sri Venkateshwara College of Engineering, Bangalore, India	30 th and 31 st , May 2024
6.	Dr. S. Shamshath Begum	Advisory Committee Member	5 th International Conference on Engineering and Advancement in Technology, – (5 th ICEAT – 2024) – 17 th – 18 th , May 2024 – Malla Reddy Institute of Engineering and Technology, Hyderabad	17 th – 18 th , May 2024

12. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1.	Dr. J. Shahitha Parveen	Polymers: Concepts, Properties, Uses and Sustainability	NPTEL	July-October 2023
2.	Dr. J. Shahitha Parveen	Characterization of Polymers, Elastomers and composites	NPTEL	January – April 2024

13. Achievements of Students

S. No.	Name of the Student	RRN.	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Aneesh P. K	210131601002	Idea Presentation, II Prize	Elastoplaz “24, Madras Institute of Technology	16.03. 2024
2.	Aneesh P. K	210131601002	Paper Presentation, I Prize	Elastoplaz “24, Madras Institute of Technology	16.03. 2024
3.	Ramyashree . V	210131601013	Paper Presentation, I Prize	Elastoplaz “24, Madras Institute of Technology Anna University	16.03. 2024
4.	Ramyashree . V	210131601013	Idea Presentation, II Prize	Elastoplaz “24, Madras Institute of Technology	16.03. 2024
5.	Manoj P . V	210131601015	Paper Presentation, I Prize	Elastoplaz “24, Madras Institute of Technology	16.03. 2024
6.	Manoj P . V	210131601015	Idea Presentation, II Prize	Elastoplaz “24, Madras Institute of Technology	16.03. 2024

7.	Logeswari S . P	210131601011	Paper Presentation, I Prize	Elastoplaz "24, Madras Institute of Technology	16.03. 2024
8.	Logeswari S . P	210131601011	Technical Debate, Prize	Elastoplaz "24, Madras Institute of Technology	16.03. 2024
9.	Logeswari S . P	210131601011	Product Decoding, Prize	Elastoplaz "24, Madras Institute of Technology	16.03. 2024
10.	Logeswari S . P	210131601011	Idea Presentation, II Prize	Elastoplaz "24, Madras Institute of Technology Anna University	16.03. 2024
11.	Gokul. T	210131601007	Product Decoding, I Prize	Elastoplaz "24, Madras Institute of Technology	16.03. 2024
12.	K. I. Mohammed Ashfack	210131601012	Product Decoding Prize	Elastoplaz "24, Madras Institute of Technology	16.03. 2024
13.	Amjath Khan	210131601014	Pdypic, I Prize	Elastoplaz "24, Madras Institute of Technology	16.03. 2024
14.	Manoj P. V	210131601015	Techie Talky, 'Runner	CIPOFEST "24, CIPET	5.04.2024 - 6.04.2024
15.	Ramyashree. V	210131601013	Techie Talky, Runner	CIPOFEST "24, CIPET	5.04.2024 - 6.04.2024
16.	Aneesh P. K	210131601002	Techie Talky, Runner	CIPOFEST "24, CIPET	5.04.2024 - 6.04.2024
17.	Logeswari S. P	210131601011	Young Scientist, Winner	CIPOFEST "24, CIPET	5.04.2024 - 6.04.2024
18.	Logeswari S. P	210131601011	Techie Talky, Runner	CIPOFEST "24, CIPET	5.04.2024 - 6.04.2024
19.	Logeswari S. P	210131601011	Paper Presentation	CHEMFLUX "11	21.02.2024
20.	Logeswari S. P	210131601011	Poster Presentation	CHEMFLUX"11	21.02.2024
21.	Aneesh P. K	210131601002	Paper Presentation	CHEMFLUX"11	21.02.2024
22.	Aneesh P. K	210131601002	Poster Presentation	CHEMFLUX"11	21.02.2024
23.	Ramyashree. V	210131601013	Paper Presentation	CHEMFLUX"11	21.02.2024

24.	Ramyashree. V	210131601013	Poster Presentation	CHEMFLUX“11	21.02.2024
25.	Manoj P. V	210131601015	Paper Presentation	CHEMFLUX“11	21.02.2024
26.	Manoj P. V	210131601015	Poster Presentation	CHEMFLUX“11	21.02.2024
27.	Manoj P. V	210131601015	Paper Presentation	Quantum TechFest 24	23.02.2024
28.	Ramyashree. V	210131601013	Paper Presentation	Quantum TechFest 24	23.02.2024
29.	Aneesh P. K	210131601002	Paper Presentation	Quantum TechFest 24	23.02.2024
30.	Logeswari S. P	210131601011	Paper Presentation	Quantum TechFest 24	23.02.2024
31.	Rajasundar . B	210131602011	Paper Presentation	Revivals 23	26.09.2023 - 28.09.2023



14. Professional Society Activities – 04

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1.	Association of Polymer Engineers	Guest Lecture, 29.04.2024	5	50	-	Dr. Poondi Srinivasan, Consultant, Chennai,	Adjunct Faculty
2.	Association of Polymer Engineers	Webinar 28.03.2024	5	50	-	Prof. Dr. S. Radhakrishnan	-
3.	Association of Polymer Engineers	MACRON “A National Level Technical Symposium” – 2024	5	100	50	Dr. R. Rajesh Babu, Divisional Head – Compound Development Apollo Tyres, Chennai	Internship, Placement, Seminars.
4.	Association of Polymer Engineers	Seminar, 08.11.2023	5	70	-	Mr. T. Selva Kumar, General Manager CEAT Tyres, Chennai Mr. A. Sajesh Chandran, Divisional Head, PCR, Apollo Tyres And Mr. K. Gopi, Manager – PCR, Apollo Tyres	Internship, Placement

15. Important Visitors

S. No.	Name of the Visitor	Affiliation Details	Details of Visit (Date/duration & purpose)	Outcome
1.	Mr. S. Ganesh	Hony. Secretary IRI – Chennai Branch	15.05.2024	Department faculty attended seminars conducted by IRI, Chennai
2.	Mr. Raja	Deputy Manager SKAPS Industry, Oragadam, Chennai	15.03.2024	Three students from the batch 2020-2024 got placed
3.	Mr. S. Yadav	General Manager SKAPS Industry, Oragadam, Chennai		

16. Photographs with relevant captions for Important Activities

<p>Guest Lecture on “Industries Synthesis of Polymers – Polyolefins” by Dr. Poondi Srinivasan – 29.04.2024</p>	
	<p>Webinar on “Effect of Additives on Structure Development in Semicrystalline Polymers and Associated Properties” – 28.03.2024</p>

National Level Seminar “Recent trends in Tyre and Rubber Product Manufacture” – 08.11.2023





National Level Technical Symposium “Macron 2024” held on 01.03.2024



Visitors : Mr. S. Ganesh Hony. Secretary- IRI – Chennai Branch - 15.05.2024



Industrial Visit to Polyhose Industry, Chennai - 11.10.2023



Participation and Achievement of Students in various competitions at MIT - 16.03.2024



Participation and Achievement of Students in various competitions at CIPET -

SCHOOL OF LIFE SCIENCES

SCHOOL OF LIFE SCIENCES

1. Value Added Programmes Offered

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	In Silico Molecular Modeling and Docking in Drug Design and Development	18.5.2024 – 22.05.2024	5 days	Virginia Commonwealth University, USA	32	-	-
2.	Python	18.01.2024-12.04.2024	3 months	IIT BOMBAY -ST	44	-	-
3.	Biopython	18.01.2024-12.04.2024	3 months	IIT BOMBAY -ST	61	-	-
4.	Avagadro	18.01.2024-12.04.2024	3 months	IIT BOMBAY -ST	63	-	-
5.	Jmol	18.01.2024-12.04.2024	3 months	IIT BOMBAY -ST	37	-	-
6.	Cell Designer	18.01.2024-12.04.2024	3 months	IIT BOMBAY -ST	80	-	-
7.	Food Safety Training & Certification (foSTaC) program	27.07.2023 - 28.07.2023	2 days	Food Safety and Standards Authority of India (FSSAI)	24	-	-

2. Training Programmes Offered

S. No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	National Hands on Workshop on Molecular Biology Techniques	6-7 August, 2024	2 days	-	23	-	-
2.	Two Days Hands on workshop on Biopigments of microbial Origin & its applications	1-2 August, 2024	2 days	-	89	-	-
3.	One week FDP/Certificate course on Applied Statistics for Biological Sciences	15 - 21 May, 2024	7 days	Bioscience Research and Innovation Centre	-	26	-
4.	In Silico Molecular Modeling and Docking in Drug Design and Development	18.5.2024 – 22.05.2024	5 days	Virginia Commonwealth University, USA	32	-	-
5.	International workshop on in silico Molecular Modeling and simulation	9-10 July 2024	2 days	Virginia commonwealth University, Virginia, USA	25	-	-

6.	Workshop on Detection of Food Adulteration	14 March 2024	1 day	Skills and Personality Development Program Centre (SPDC), Bioscience Research and Innovation Association, Bioscience Research and Innovation Centre	97	-	-
7.	Bioreactors Workshop	23 February 2024	1 day	Labmate Asia Pvt Ltd.	55	2	5
8.	Hands-on workshop on outcome based education (OBE)	11 January 2023.	1 day	-	18	-	-
9.	Food Safety Training & Certification (foSTaC) program	27-28 July 2023	2 days	Food Safety and Standards Authority of India (FSSAI)	65	-	-

3. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	B.Tech Biotechnology	VII	-	60	Dr.Shazia Jamal	Eppendorf India Pvt Ltd. Ambattur, Chennai	22-07-2024
Outcome of the Visit: Students have great exposure to Instrumentation techniques							
2.	M.Tech. Food Biotechnology	II	-	11	Dr.Naseer Hussain	South India Corrugated Box Manufacturers' Association (SICBMA) lab. Chennai	29-04-2024
Outcome of the Visit: Understanding module 3 of the course LTE6212 Technology in Food Packaging							
3	B.Tech Biotechnology	I	-	66	Dr. R. Karthikeyan	Anna university	16-04-2024
Outcome of the Visit: Students learnt about different types of microscopic techniques including scanning electron microscope, atomic force microscopy, transmission electron microscope (TEM)							
4	M.Tech Biotechnology	II	-	14	Dr.Ranjani	Softgel health care	17-02-2024
Outcome of the Visit: Students learnt about the composition of Softgel capsules, the encapsulation process, quality checks, packaging etc							
5	M.Tech Food Biotechnology	II	-	11	Dr.Ranjani	Softgel health care	17-02-2024

S. No	Participant Details				Name of faculty	Industry Visited	Date / Duration
Outcome of the Visit: Students learnt about the composition of Softgel capsules, the encapsulation process, quality checks, packaging etc							
6	M.Sc. Biotechnology	II	-	53	Dr.Ranjani	Softgel health care	17-02-2024
Outcome of the Visit: Students learnt about the composition of Softgel capsules, the encapsulation process, quality checks, packaging etc							
7	B. Tech Biotechnology	II	-	55	Dr.Ashok Kumar P	Eco service: Solid waste management, Auroville, Puducherry	14-02-2024
8	M.Tech Biotechnology	I	-	14	Dr. Simon	Eco service: Solid waste management, Auroville, Puducherry	14-02-2024
9	M.Tech Food Biotechnology	I	-	11	Dr. Simon	Eco service: Solid waste management, Auroville, Puducherry	14-02-2024
Outcome of the Visit: Students experienced how the solid waste management is performed in Auroville,							
10	B.Tech Biotechnology	VI	-	63	Dr.Faridha Begum	Scigenics india india pvt ltd	01-03-2024
Outcome of the Visit: Students learnt about the designing of large-scale fermenter							
11	B.Sc. Biotechnology	II Year	-	37	Dr.Shahanbaj khan	Ticel Biopark Taramani	27-02-2024
Outcome of the Visit: The visit provided invaluable insights into cutting-edge advancements instruments used in biotechnology.							
12	I B.Sc. Biotechnology		-	38	Dr.Sheeza Khan	Eco Kitchen	22-02-2024
13	M.Tech Biotechnology	I		14	Dr. Simon Durairaj	Eco Kitchen	22-02-2024
14	M.Tech Food Biotechnology	I		11	Dr. Simon Durairaj	Eco Kitchen	22-02-2024
Outcome of the Visit: Learnt about of Eco Kitchen and their activities to supply food							
15	I B.Sc. Biotechnology	I	-	43	Dr.Shahanbaj khan	Forest genetic resource park kolapakkam	06-11-2023
Outcome of the Visit: This field visit facilitated the student's understanding of the habit and habitat, morphological characteristics and internal anatomy of the plants. The visit encouraged the students to realize the importance of conservation efforts to protect endangered tree species and maintain genetic diversity for future generations.							
16	II, III, IV B.Tech Biotechnology	III	-	36	Dr.Ashok	Science film festival	11-11-2023

S. No	Participant Details				Name of faculty	Industry Visited	Date / Duration
Outcome of the Visit: Environmental awareness program							
17	II B.Tech Biotechnology	III	-	50	Dr.Ashok	Eco Kitchen	08-11-2023
Outcome of the Visit: Learnt about of Eco Kitchen and their activities to supply food							
18	M.Tech Biotechnology	III	-	8	Dr. S. Hemalatha Dr.Ranjani	Genoseq diagnostics lab	08-11-2023
Outcome of the Visit: Students got exposure on genome sequencing and diagnostics applications of molecular techniques							
19	M.Tech Biotechnology	III	-	8	Dr. S. Hemalatha Dr.Ranjani	A4 Fertility centre Tambaram	08-11-2023
Outcome of the Visit: Students got exposure on <i>in vitro</i> fertilization.							
20	B.Tech Biotechnology	III	-	125	Dr.Faridha Begum	British agro products	09-11-2023
Outcome of the Visit: Students explored on cultivation of button mushrooms in large scale and food processing, packaging etc							
21	M.Tech Biotechnology	III	-	8	Dr. S. Hemalatha Dr.Ranjani	Forest genetic resource park	11-10-2023
Outcome of the Visit: Students explored on genetic conservation of tree species under <i>in vivo</i> conditions							

4. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
International conferences								
1.	Advances and Applications of Biotechnology (ICAAB 2024)	International conference	30-31 July 2024	University of East London, UK TamilNadu State Council for Science and Technology National Council for Science & Technology Communication, Department of Science and Technology, Govt.of India.	24	564	30	140

Details of Keynote Speakers:

- I. Dr. R. Srinivasan, Member Secretary, Tamil Nadu State Council for Science and Technology Chennai
- II. Dr. M. Radhakrishnan, Scientist E, Centre for Drug Discovery and Development Sathyabama Institute of Science and Technology, Chennai
- III. Dr. Henkie Isahwan Ahmad Mulyadi Lai, Director for Research Management Centre, University College of MAIWP International, Taman, Kuala Lumpur, Malaysia
- IV. Dr. Abhinava K. Mishra, Scientist, Molecular, Cellular, and Developmental Biology, Department, University of California, Santa Barbara, USA
- V. Dr. Vasudevan Ramachandran, Director for the Centre of Postgraduate and Internationalization, University College of MAIWP International, Taman, Kuala Lumpur, Malaysia
- VI. TS. Haily Liduin Koyou, Lecturer, University College of MAIWP International, Taman, Kuala Lumpur, Malaysia

2.	Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024)	International conference	30-31 January 2024	Association of Cancer Education and Research (ACER) and Purdue University, USA	22	342	43	296
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Details of Keynote Speakers:

- (i) Dr. Mogana R, Dean, Professor, Faculty of Pharmaceutical Sciences, UCSI University, Malaysia
- (ii) Dr. Ravishankar Ram Mani, Assistant Professor & Head of Research UCSI University Kuala Malaysia
- (iii) Dr. Sam Das, John's Hopkins University, USADr. E. Seini, Associate Professor, Department of theoretical and applied sciences, University of Insubria, Italy
- (iv) Dr. D. Ignacio Camarillo, Department of Biological Sciences, Purdue University, USA

3	Applications of natural products Nanomaterials and Nano-pharmaceuticals (ICAN3)	International conference	9-10 August 2023	Aerospace University, Republic of Korea	18	346	73	403
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Details of Keynote Speakers:

- I. Dr. R. Srinivasan, Member Secretary, Tamil Nadu State Council for Science and Technology, Chennai
- II. Dr. S. P. Subramanian, Deputy Controller of Patents & Designs, Chennai
- III. Dr. J. Muthukumar, Dean, Tagore medical college
- IV. Dr. Sang-Yul Lee, Korea Aerospace University, Republic of Korea
- V. Dr. Saravanan Kandasamy, Chonnam University, Republic of Korea
- VI. Dr. Vasanthan Ravichandran, Nano-Bioengineering, Incheon National University, Republic of Korea
- VII. Dr. Abdul Kadir Yusuf Maigoro, Incheon National University, Republic of Korea
- VIII. Dr. Siziya Noni Inonge, Incheon National University, Republic of Korea
- IX. Dr. Sung-Min Kim, Korea Institute of Industrial Technology, Republic of Korea
- X. Dr. A. Lavanya, Siddha central research institute under Central council for research in siddha (Ministry of Ayush), Chennai

1	"Applied Statistics for Biological Sciences"	One week FDP/Certificate course	15- 21 May 2024	-	-	26	-	-
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Details of Keynote Speakers:

- Dr. Tajamul Islam, Assistant Professor, Symbiosis Institute of Management, Studies (SIMS), Pune
 Dr. Qaiser Farooq Dar, Scientist C, ICMR-National Institute of Research in Tribal Health, Jabalpur, India
 Dr. Ashiq Hussain Bhat, Scientist C, ICMR-Rajendra Memorial Research, Institute of Medical Sciences, Patna

2	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences"	FDP	15 – 28 March 2024	-	-	83	-	-
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Details of Keynote Speakers:

- Dr. Santhanam. P, Professor, Bharathidasan University, Trichy
 Dr. Muthamilarasan. M, Assistant Professor, University of Hyderabad, Hyderabad

Dr. P. Sathiyarajeswaran, Assistant Director, Sci-IV, Central Council for Research in Siddha, Pondicherry
 Dr. S. Kamaraj, Assistant Professor, Periyar University, SaLEM
 Dr. P. Shanmugam, Chief Scientist, Head & Professor – AcSIR, CSIR-CLRI, Chennai
 Dr.S. Dinesh Kumar, Scientist, Marine Algal Research Station (MARS), CSIR-Central Salt & Marine Chemical Research Institute, Chennai
 Dr. S. Ramalingam, Professor, Centre for Food Biotechnology, Dept. of Biotechnology, Anna University, Chennai
 Dr. K.P. Kumaraguru Vasagam, Principal Scientist, ICAR-Central Institute, of Brackish water Aquaculture, Chennai
 Dr. A. Suresh Kumar, Senior Scientist, Assistant Professor - AcSIR, Biochemistry & Biotechnology, CSIR – CLRI, Chennai
 Dr. S. Renganathan, Professor, Department of Biotechnology, Anna University, Chennai
 Dr. S. Meignanalakshmi, Professor, Department of Animal Biotechnology, TANAVUS, Chennai
 Dr. M. Pandi, Assistant Professor, Department of Molecular Microbiology, Madurai Kamaraj University, Madurai

International e-symposium

1	women scientists in Science and Technology with Special Reference to Nanotechnology (IWSC22)	International e-symposium	8 March 2024	Nano & Biomaterials Association (NBA), School of Life Sciences, in association with The Biotech Research Society, India.	-	-	23	86
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Details of Keynote Speakers:

Dr. K. Ruckmani, Professor, Anna University, Tiruchirappalli, India
 Dr. Jayashree Rout, Professor, Assam University, Silchar, India
 Dr. T.S. Anitha, Assistant Professor, Pondicherry University, Puducherry, India
 Dr. Radha Rani, Associate Professor, National Institute of Technology Allahabad, India

International seminars

1	Career opportunities in industry	International seminar	03 May 2024	-	60	18	-	-
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Er. Mohammed Jamalkhan, Food safety expert, Malika food industries LLC, Dubai, UAE
 Er. Ozair Jainul Hussain, Teacher, mentor and counsellor, Dubai and United Kingdom

2	Synthesis and applications of organoclay	International seminar	15 December 2024	-	60	18	-	-
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Details of Keynote Speakers:

Dr. Leonid Perelomov, Tula State Lev Tolstoy Pedagogical, University (Tolstoy University), Russia
 Dr. Yurii Atroshchenko, Tula State Lev Tolstoy Pedagogical, University (Tolstoy University), Russia

1	Global higher educational opportunities	National seminar	31 October 2023	-	80	18	-	-
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Details of Keynote Speakers:

Mr. Sony Akkara, Executive Director Eazy link Academy

2	Ongoing compliance with GMP in the food industry	National seminar	17 September 2023	-	80	12	-	-
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Details of Keynote Speakers:

Er. Ilaya Bharathi V, Senior Associate (Quality) at Way Cool Foods Pvt. Ltd.

3	Harmonizing GMP/GLP regulations and carrier opportunities in industries	National seminar	24 August 2023	-	300	18	-	-
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Details of Keynote Speakers:

Dr. G. Selvam, the Head of Pathology at Bioscience Research Foundation, Chennai
 Ms. A. Anuradha, Research Scientist and Senior Executive at Reliance Life Sciences, Mumbai

Dr. V. Sudarkodi, Patent Officer from Crescent Innovation and Incubation Council, Chennai Er. B. Jayashree, Embryologist at A4 Fertility Centre, Chennai Gunasekaran, Quality Assurance Lead at Think Healthcare LLP, Chennai								
4	The road to market authorization-exploring medical device	National seminar	03 August 2023	-	80	18	-	-
Details of Keynote Speakers: Er. Swetha Suresh, Senior Regulatory Engineer, Tata Group, Mumbai								
5	Applications of Bioinformatics and Biosimulations	National seminar	01 June 2023	-	70	18	-	-
Details of Keynote Speakers: Dr. M. Monisha, IITDM, Chennai								
Webinars								
1	Production of biomaterials using Supercritical carbon dioxide for tissue engineering and regenerative medicine	Webinar	02 March 2024.	-	80	18	-	-
Details of Keynote Speakers: Dr. P. Srinivasan, ACRO Biomedical Co., Ltd. Taiwan								
2	Impact of inhibitions by pathogens on treatment outcomes	Webinar	23 November 2023	-	76	18	-	-
Details of Keynote Speakers: Dr. Azger Dusthakeer, National Institute for Research in Tuberculosis, Indian Council for Medical Research, Chennai.								
3	Disease prevalence	Webinar	6 November 2023	-	80	18	-	-
Details of Keynote Speakers: Dr. S. Ramesh Prabu, Accenture Solutions Pvt. Ltd, Chennai								
4	Bioactive Plant Secondary Metabolites - Past to Present	Webinar	27 October 2023.	-	80	18	-	-
Details of Keynote Speakers: Dr. A. Hannah Rachel Vasanthi, Pondicherry University, Pondicherry								
5	Fermentation- The new game changer for alternative protein	Webinar	21 October 2023	-	83	18	-	-
Details of Keynote Speakers: Dr. Georget Josephine Divya M, Associate Scientist, Plant protein product development, ITC foods division, Bangalore								
6	Deciphering consumer behavior and food product	Webinar	23 June 2023.	-	67	18	-	-

	development							
Details of Keynote Speakers: Dr. Tajamul Islam, Symbiosis institute of management, Pune								
Hands on Workshops								
1	Molecular Biology Techniques	National Hands on Workshop	6-7 August 2024	-	24	2	-	-
2	Biopigments of microbial Origin & its applications	Hands on Workshop	1-2 August 2024	-	91	1	-	-
3	Applied Statistics for Biological Sciences	One week FDP/Certificate course	15 to 21 May 2024	-	-	26	-	-
4	in silico Molecular Modeling and simulation	International workshop	9 -10 July 2024	-	25	-	-	-
5	Detection of Food Adulteration	Workshop	14 March 2024	-	97	-	-	-
6	Bioreactors	Workshop	23 February 2024	Labmate Asia Pvt Ltd.	55	2	5	
7	outcome based education (OBE) for the faculty members of school of life sciences was organized on	Hands-on workshop	11 January 2024	-	18	-	-	-
8	Organoclay	International Hands on workshop	7- 15 December 2023	Tula State Lev Tolstoy Pedagogical University, Tula, Russia	25	14	-	-
9	Food Safety Training & Certification (foSTaC) program	Hands on workshop	27-28 July 2023	-	65	-	-	-

5. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1	National Science Day 2024 Theme: Indigenous Technologies for Viksit Bharat Applications of Biotechnology for Viksit Bharat Webinar and Quiz competition In association with Tamil Nadu State Council for Science and Technology, Govt. of TamilNadu & National Council for Science & Technology Communication Department of Science and Technology, Govt. of India	Rs 20,000	Tamil Nadu State Council for Science and Technology Govt. of TamilNadu

6. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1.	Dr. S. Hemalatha	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	19 th February -28 th February, 2024	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai
2.	Dr. S. Hemalatha	Emerging advancements in the field of computational biology	FDP	21 st January - 29 th January, 2024	Department of Bioinformatics, Sathyabama Institute of Science and Technology
3.	Dr. S. Hemalatha	Artificial Intelligence and Machine Learning Approaches for Drug and Vaccine Design In Cancer	Certificate course and internship	8 th January - 22 nd January, 2024	Institute of Innovations, Tiruvannamalai, Tamil Nadu, India
4.	Dr. Neesar Ahmed	"Advancements and Innovations in Cellular Communication and Signal Transduction"	FDP	17 th July 2023- 23 rd July 2023.	Department of Biotechnology, Jaypee Institute of Information Technology, Noida.
5.	Dr. Neesar Ahmed	UGC Sponsored Online Refresher Course in Basic Sciences	Refresher Course	22 nd August to 4 th September, 2023	UGC-HRDC, Jamia Millia Islamia, New Delhi.
6.	Dr. Neesar Ahmed	"Millenium Generation Psychology & Teacher's Well-being"	FDP	19 th February 2024- 24 th February 2024.	Internal quality assurance cell and PG Dept. of Applied Psychology in collaboration with Anugraha, Institute for Counselling, Psychotherapy, and Research.
7.	Dr. Neesar Ahmed	5-Day work Shop "AI Innovations in Life Sciences, Biotech, and Pharma Research"	Workshop	11 th March to 15 th March 2024	Department of Biotechnology, Jaypee Institute of Information Technology, Noida.
8.	Dr. Neesar Ahmed	5-Day work Shop "AI Innovations in Life Sciences, Biotech, and Pharma Research"	FDP	11 th to 15 th March 2024	Department of Biotechnology, Jaypee Institute of Information Technology, Noida.
9.	Dr. S. Ranjani	Zebra fish embryogenesis: Insights from molecular techniques	FDP	28 th June 2024	TNJFU - Tamil Nadu Dr. J. Jayalalithaa Fisheries University
10.	Dr. S. Ranjani	Strategies for Publishing in High Impact Factor Journals	Webinar	17 th April 2024	Office of Dean (Research) & Centre for International

					Relations (CIR)
11.	Dr. S. Ranjani	NEP-2020 orientation & sensitization	FDP	18th March to 26th March 2024	UGC-Malaviya Mission Teacher Training Centre (MMTTC) (formerly HRDC) University of Hyderabad
12.	Dr. S. Ranjani	"Frontiers of Sustainable Research in Health Care, Food, Agriculture and Environmental Management" (ICSURE - 2024)	International Conference	22 nd February to 23 rd February 2024	Guru Nanak college, Chennai
13.	Dr. S. Ranjani	New frontiers in Microbial Technology (ICNFMT24)	International Conference	8-9, February 2024	Sathyabama Institute of Science and Technology
14.	Dr. S. Ranjani	Emerging Advancements in the Field of Computational Biology	FDP	23 rd January to 29 th January 2024	Sathyabama Institute of Science and Technology
15.	Dr. S. Ranjani	Artificial Intelligence and Machine Learning Approaches for Drug and Vaccine Design	FDP	8th January to 22nd January 2024	Institute of Innovations, Tiruvannamalai, Tamil Nadu, India
16.	Dr. S. Ranjani	"Green Health Care - Innovations and Perspectives"	National conference	23 rd January to 24th January, 2024	Justice Basheer Ahmed Sayeed College for Women (Autonomous)
17.	Dr. S. Ranjani	Recent Trends in Chemical Science	FDP	19th January 24 th January 2024	Theivanai Ammal College for Women (Autonomous), Villupuram, Tamilnadu, India.
18.	Dr. S. Ranjani	"Recent Advancements in Artificial Intelligence"	FDP	8th January 12 th January 2024	Jerusalem College of Engineering
19.	Dr. S. Ranjani	Microbiology studies under India's polar program – ecology, climate change and biotechnology" under the	Expert Lecture Series on Microbial Bioprospecting (ELSMB)	06th Jan 2024.	Sathyabama Institute of Science and Technology
20.	Dr. S. Ranjani	Research Methodology	International Online Workshop	6 th January to 8 th January 2024	Ethiraj College for Women
21.	Dr. S. Ranjani	Disease Diagnosis and Drug Development against Human Pathogens.	National conference	15 th November to 17 th November 2023	Muthayammal College of Arts and Science, Rasipuram-
22.	Dr. S. Ranjani	Medical entrepreneurship	Seminar	28 th October 2023	Sree Balaji Medical College & Hospital Research & Development Wing

23.	Dr. S. Ranjani	"Strategies in the Control of Infectious Diseases"	National conference	13 th October 2023	Prof. Dhanapalan College of Science and Management
24.	Dr. S. Ranjani	Innovations in Eco-Friendly Management of Toxic Pollutants (micro, macro, nano dimensional) ICIEMTP – 2023,	International Conference	20- 21, September 2023.	Saveetha Institute of Medical and Technical Sciences (SIMATS), Chennai,
25.	Dr. S. Ranjani	Trends in Biological Sciences: Impetus on Human Health ICBS-2023	International conference	12th to 16th October, 2023	SRM arts and science college
26.	Dr. S. Ranjani	"Advanced Tools in Assessment of Marine Biodiversity and Pollution Monitoring (ATAMBPM) – PHASE - II"	FDP	12th to 16th September, 2023	Centre for Ocean Research, Sathyabama Research Park, Sathyabama Institute of Science and Technology in association with Earth Science and Technology Cell, Ministry of Earth Sciences
27.	Dr. Faridha Begum. I	Recent Trends in Bioprocess Technology	FDP	15 th January 19 th January 2024	-
28.	Dr. Faridha Begum. I	AI tools for Teaching	FDP	22 nd June 2024	-
29.	Dr. Faridha Begum. I	Zebra fish Embryogenesis: Insights from Molecular Techniques	FDP	28 th June 2024	TNJU, Chennai
30.	Dr. Faridha Begum. I	NGS & Infections - A Cutting-edge Synergy	FDP	1 st March 2024	-
31.	Dr. Faridha Begum. I	NEP Orientation and Sensitization by UGC-Malaviya Mission Teacher Training Centre, University of Hyderabad	FDP	18 th March - 27 th March 2024	University of Hyderabad
32.	Dr. Shazia Jamal	Basic Sciences	UGC Sponsored Online Refresher Course	22 nd August to 4 th September 2023.	Jamia Millia Islamia, New Delhi
33.	Dr. Shazia Jamal	Research Structuring & Publication Process	5-Day National FDP	23 rd -27 th July 2024	CRT, National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu.

34.	Dr. Shazia Jamal	Five-Day Online Faculty Development Program	FDP	29 th July – 2 nd August 2024	QIS College of pharmacy, Ongole, Andhra Pradesh, India
35.	Dr. Nusrath unissa A	Impact of inhibitions by pathogens on treatment outcomes	Online webinar	23 rd November 2023	BSACIST, Vandalur, Chennai-48
36.	Dr. Nusrath unissa A	Multidisciplinary Advances in Life Sciences	International Seminar	09 th February 2024	Muthayammal College of Arts & Science, Rasipuram,
37.	Dr. Nusrath unissa A	National Science Day- Application of Biotechnology for Vikshit Bharat	Presented HIV & aging research data	28 th February 2024	BSACIST, Vandalur, Chennai-48
38.	Dr. Nusrath unissa A	NGS & Infections - A Cutting-edge Synergy	Webinar	01 st March 2024	Dhiti Omics Technologies, Bangalore
39.	Dr. Nusrath unissa A	Applied statistics for biological sciences	FDP	15 th May 2024	BSACIST, Vandalur, Chennai-48
40.	Dr. Nusrath unissa A	NGS & Infections - A Cutting-edge Synergy	Webinar	01 st March 2024	Dhiti Omics Technologies, Bangalore
41.	Dr. Nusrath unissa A	Teaching Learning Pedagogies	FDP	08 th July – 17 th July 024	BSACIST, Vandalur, Chennai-48
42.	Dr. Nusrath unissa A	Clinical Research on HIV & aging concepts	Presented lecture to international Turing scheme students	11 th July 2024	BSACIST, Vandalur, Chennai-48
43.	Dr. Chris Felshia S	NGS & Infections - A Cutting-edge Synergy	Webinar	01 st March 2024	Dhiti Omics Technologies, Bangalore
44.	Dr. Chris Felshia S	Teaching Learning Pedagogies	FDP	08 th July – 17 th July 2024	BSACIST, Vandalur, Chennai-48
45.	Dr. Chris Felshia S	GENE JAMBOREE	National Level Technical Symposium	27 th March - 28 th March 2024	BSACIST, Vandalur, Chennai-48
46.	Dr. Chris Felshia S	Indigenous technologies for Viksit Bharat	National science day	28 th February 2024	BSACIST, Vandalur, Chennai-48
47.	Dr. U. Venkateswara Prasad	National Science Day 2024	Delivered Lecture	28 th February 2024	BSACIST&TNSCST
48.	Dr. U. Venkateswara Prasad	Teaching learning process, Research and Professional Development in Higher Education	FDP	8 th July – 13 th July 2024	BSACIST
49.	Dr. U. Venkateswara Prasad	Research Writing and publication process	FDP	25 th November - 26 th November	Centre for Research and Training CRT) and National Foundation for Entrepreneurship

				2023	development, Coimbatore, Tamilnadu.
50.	Dr. U. Venkateswara Prasad	Production of Biomaterials using super critical carbon dioxide for tissue engineering and regenerative medicine.	International Webinar	02 nd March 2024	BSACIST and School of Life Sciences
51.	Dr. U. Venkateswara Prasad	Genome informatics" workshop	International Workshop	06 th January 4 th February 2024	Decode life
52.	Dr. U. Venkateswara Prasad	New Trends in Biological Sciences.	one-day national seminar	30 th November 2023	Dept of Zoology, Botany and Horticulture, CSTS GOVT, degree Kalasala, Eluru district.
53.	Dr. Naseer Hussain	Artificial Intelligence and Machine Learning Approaches for Drug and Vaccine Design	FDP	08/01/2024 - 22/01/2024	Institute of Innovations, Tiruvannamalai, Tamil Nadu, India
54.	Dr. Naseer Hussain	Refresher Course in Basic Sciences	FDP	22/08/2023- 04/09/2023	HRDC, Jamia Millia Islamia, New Delhi
55.	Dr. Naseer Hussain	Research Methodology, Bibliometric Analysis and Data Analysis Using R	FDP	22/07/2023- 28/07/2023	Society of Education, India University of Agricultural Sciences, Raichur, Karnataka; European Laser Academy, Germany; Genome Biotech, Mathura
56.	Dr. S.M.Fazeela Mahaboob Begum	National level seven days upskilling faculty development programme	FDP	February 21 - 27, 2024	Cluster Department of Life Sciences, Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi
57.	Dr. S.M.Fazeela Mahaboob Begum	Emerging Advancements In The Field Of Computational Biology	FDP	January 23 – 29, 2024	Sathyabama University
58.	Dr. S.M.Fazeela Mahaboob Begum	Microbial Enzyme Techniques	FDP	June 01 – 30, 2024	Institute Of Transgene Life Sciences
59.	Dr. S.M.Fazeela Mahaboob Begum	Curriculum, Research and Innovation for Academic Excellence	FDP	February 01 – 07, 2024	PG And Research Department Of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli
60.	Dr. S.M.Fazeela Mahaboob Begum	Recent Trends in Biological Sciences (ISRTBS-2024)	International Seminar	13 th February 2024.	Crescent Global Outreach Mission (CGOM), BSACIST & Microbiologists

					Society India (MBSI)
61.	Dr. S.M.Fazeela Mahaboob Begum	Phytochemicals in Cancer Therapy	Invited Talk	28 th February 2024.	SLS, BSACIST
62.	Dr. Jean Cletus	International Turing scheme	Invited Talk	19/7 /24	SLS, BSACIST, Vandalur, Chennai-48

7. Papers Published/ Presented in Journals & Conferences (184) (July 2023 -June 2024)
Presented in Conferences

1. Khalida Thanveera, Ranjani S and Hemalatha S. Synthesis and characterisation of nanoemulsion and its antibacterial studies in dental caries. International Conference on Frontiers of sustainable research in health care, food, agriculture and environmental management, held on 22nd & 24th February 2024, Gurunanak College, Chennai.
2. Hemavathi.R.S, Ranjani S and Hemalatha S. Biosynthesis of silver nanoparticles using plant extract and its antibacterial activity against poultry pathogens. International Conference on Frontiers of sustainable research in health care, food, agriculture and environmental management, held on 22nd & 24th February 2024, Gurunanak College, Chennai.
3. Gokul K, Ranjani S and Hemalatha S. Exploring Eco-friendly Approaches for Sustainable Crop Protection Utilizing Green nanomaterials to control Plant Pathogenic Fungi. International Conference on Frontiers of sustainable research in health care, food, agriculture and environmental management, held on 22nd & 24th February 2024, Gurunanak College, Chennai.
4. S. Kannadasan, Ranjani S and Hemalatha S. Biosynthesis and characterization of green silver nano colloids using medicinal plant extracts and evaluate it's antibacterial activity in plant pathogens. International Conference on Frontiers of sustainable research in health care, food, agriculture and environmental management, held on 22nd & 24th February 2024, Gurunanak College, Chennai.
5. Ranjani S and Hemalatha S. Green nanoformulation to control fungal pathogens in *Cocos nucifera*. International Conference on Frontiers of sustainable research in health care, food, agriculture and environmental management, held on 22nd & 24th February 2024, Gurunanak College, Chennai.
6. Gokul K, Ranjani S and Hemalatha S. Antifungal Activity to Control Plant Pathogenic Fungi. National Conference on Biotechnological Advances in Biomedical environmental and Agriculture Technology, held on 13th February 2024, Hindusthan College of Arts and Science, Chennai.
7. S. Kannadasan, Ranjani S and Hemalatha S. Biosynthesis and characterization of green silver nano colloids using medicinal plant extracts and evaluate it's antibacterial activity in plant pathogens. National Conference on Biotechnological Advances in Biomedical environmental and Agriculture Technology, held on 13th February 2024, Hindusthan College of Arts and Science, Chennai.
8. Hemavathi.R.S, Ranjani S and Hemalatha S. Biosynthesis, characterization and antibacterial application of silver nanoparticles against poultry pathogens. National Conference on Biotechnological Advances in Biomedical environmental and Agriculture Technology, held on 13th February 2024, Hindusthan College of Arts and Science, Chennai.
9. Sai Jayanthi, Ranjani S and Hemalatha S. Eco-friendly production and characterization of silver nanoparticles for precision antifungal solutions targeting food borne pathogens. National Conference on Biotechnological Advances in Biomedical environmental and Agriculture Technology, held on 13th February 2024, Hindusthan College of Arts and Science, Chennai.
10. Khalida Thanveera, Ranjani S and Hemalatha S. Green synthesis of silver nanoparticles and it's characterisation for the studies in dental care. National Conference on Biotechnological Advances in Biomedical environmental and Agriculture Technology, held on 13th February 2024, Hindusthan College of Arts and Science, Chennai.
11. Abdul Kareem, Ranjani S and Hemalatha S. Synthesis of novel biogenic silver nanoparticles and its biomedical applications on Acne. National Conference on Biotechnological Advances in Biomedical

- environmental and Agriculture Technology, held on 13th February 2024, Hindusthan College of Arts and Science, Chennai.
12. Safiya Naziya, Ranjani S and Hemalatha S. Synthesis of nanoparticles for diabetic treatment from herbal, green plant extracts. National Conference on Biotechnological Advances in Biomedical environmental and Agriculture Technology, held on 13th February 2024, Hindusthan College of Arts and Science, Chennai.
 13. Samrin Barkath, Ranjani S and Hemalatha S. Synthesis and characterisation of nanoparticles to control dental caries. National Conference on Biotechnological Advances in Biomedical environmental and Agriculture Technology, held on 13th February 2024, Hindusthan College of Arts and Science, Chennai.
 14. Indhumathi.KS, Ranjani S and Hemalatha S. Green synthesis of silver nanoparticles and its Antibacterial application. International Conference on New frontiers in Microbial Technology, held on 8th& 9th February 2024, Sathyabama institute of science and technology, Chennai.
 15. M. Gokulakannan, Ranjani S and Hemalatha S. Floral mediated Nanomaterial to control multidrug resistant pathogens. International Conference on New frontiers in Microbial Technology, held on 8th& 9th February 2024, Sathyabama institute of science and technology, Chennai.
 16. Ranjani S and Hemalatha S. Nanoformulation: An effective green fungicide to control fungal pathogens in Coffea arabica. International Conference on New frontiers in Microbial Technology, held on 8th& 9th February 2024, Sathyabama institute of science and technology, Chennai.
 17. Karunya Jenin Ravindranath, Ranjani S and Hemalatha S. Anticancer effect of fruit extract of Phyllanthus Emblica linn. In treating triple- negative breast Cancer: in silico and in vitro approaches. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
 18. Abdul Kareem A, Ranjani S and Hemalatha S. Synthesis of novel biogenic silver nanoparticles and its biomedical applications on Acne. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
 19. Khalida Thanveera, Ranjani S and Hemalatha S. Synthesis and characterization of green nanoparticles to control the dental caries. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
 20. Sai Jayanthi S, Ranjani S and Hemalatha S. Green synthesis and characterization of silver nanoparticles for targeted antifungal applications in foodborne pathogens. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
 - A. Samrin Barkath, Ranjani S and Hemalatha S. Synthesis and characterization of green nanoparticles to control dental caries causing pathogens. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
 21. S Srinidhi, Ranjani S and Hemalatha S. Green synthesis of silver nanoparticles using the leaf extracts of Artemisia sp, their characterization, applications and anti-bacterial activity. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
 22. Ranjani S and Hemalatha S. Green nanotics to control dental caries causing pathogens. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai
 23. Gokul. K, Ranjani S and Hemalatha S. Antifungal activity of green nanomaterial to control plant pathogenic fungi. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
 24. S. Kannadasan, Ranjani S and Hemalatha S. Biosynthesis and characterization of green silver nano colloids and evaluate its antibacterial activity in plant pathogens. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
 25. S.R Sruthi, Ranjani S and Hemalatha S. Floral based green synthesis and characterization of silver nanoparticles and its biomedical application. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.

26. Safiya Naziya, Ranjani S and Hemalatha S. Synthesis of green nanoparticles to control diabetes and its associated infections. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
27. Hemavathi.R.S, Ranjani S and Hemalatha S. Synthesis and characterization of silver nanoparticles from plant extract and its antibacterial studies in poultry pathogen. National conference on “green health care – innovations & perspectives”, held on 23rd & 24th January 2024, J.B.A.S college for women, Chennai.
28. Abdul Kareem A, Ranjani S and Hemalatha S. Synthesis of Novel Biogenic Silver Nanoparticles and its Biomedical Application on Acne-Causing Pathogens. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
29. Dhivya Shre S, Ranjani S and Hemalatha S. Synthesis, characterization and evaluation of anticancer properties of liposome encapsulated green nanoparticles, 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
30. Gokul. K, Ranjani S and Hemalatha S. Antifungal activity of green nanomaterial to control plant pathogenic fungi. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
31. M. Gokulakannan, Ranjani S and Hemalatha S. Floral-mediated Nanomaterial to control multidrug-resistant pathogens. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
32. Hemavathi. R. S, Ranjani S and Hemalatha S. Synthesis, characterization of silver nanoparticles from plant extract and its antibacterial studies in poultry pathogen. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
33. Indhumathi.K.S, Ranjani S and Hemalatha S. Green synthesis of silver nanoparticles and its antibacterial application. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
34. S. Kannadasan, Ranjani S and Hemalatha S. Biosynthesis, characterization of green silver nano colloids and evaluating its antibacterial activity against plant pathogens. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
35. Khalida Thanveera, Ranjani S and Hemalatha S. Synthesis and characterization of green nanoparticles to control dental caries. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
36. Lekha G, Ranjani S and Hemalatha S. Synthesis, characterization and evaluation of antioxidant and anticancer properties of liposome loaded green nanoparticles: in silico and in vitro approach. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
37. Navandikka R, Ranjani S and Hemalatha S. Synthesis and characterization of plant source derived silver nanoparticles and determination of therapeutic activity. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai

38. Pragathi B, Ranjani S and Hemalatha S. Synthesis and characterization of silica nanoparticles and its impact on plant growth. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
39. Rakshana B, Ranjani S and Hemalatha S. Floral mediated nanoparticles: A potent anticancer agent to control cancer cell proliferation. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
40. Ranjani S, and Hemalatha S. Green nanotics to control dental caries causing pathogens. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
41. Reema, Ranjani S and Hemalatha S. Synthesis, characterization of flower mediated nanoparticles. 4th Annual International Conference on Applications of Millets and Probiotics on Cancer Therapy and Management (ICAMP 2024), held on 30th & 31st January 2024, B. S. Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai
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8. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

Journal publications

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27. Karthikeyan Ramalingam and Ishwariya Anbalagan, CREATIVE MIND: Activity-Based Learning Handbook for Students, Teachers, and Parents, CREATIVE MIND: Activity-Based Learning Handbook For Students, Teachers, and Parents, 1-426.
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9. Book(s) Published

S. No	Name of the Faculty	Name of the Book	Cost of the book		Name of the Publisher, country & Month of publication	Availability status
			Rs	\$		
1.	Dr. S. Hemalatha	Handbook on Biosafety & Bioethics	-	-	-	Available
2.	Ashok Kumar Pandurangan	Futuristic Trends in Medical Sciences	-	-	IIP Iterative International Publishers- April 2024	Available

3.	Karthikeyan Ramalingam and Ishwariya Anbalagan	CREATIVE MIND: Activity-Based Learning Handbook For Students, Teachers, and Parents, CREATIVE MIND: Activity-Based Learning Handbook For Students, Teachers, and Parents	-	-	CREATIVE MIND: Activity-Based Learning Handbook For Students, Teachers, and Parents, CREATIVE MIND: Activity-Based Learning Handbook For Students, Teachers, and Parents	Available
4.	Karthikeyan Ramalingam and Ishwariya Anbalagan	Reading Pupas- Handbook for Beginners Readers. Reading Pupas- Handbook for Beginners Readers	-	-	Reading Pupas- Handbook for Beginners Readers. Reading Pupas- Handbook for Beginners Readers	Available

10. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1.	S. Hemalatha Tahira Akther	Green nano particles as novel antibiotic resistance breakers and having significant anticancer activity against A549 cell line	-	-	Granted
2.	S. Hemalatha S. Ranjani	Formulation of novel green nano colloids to control antibiotic resistant pathogens responsible for bovine mastitis	-	-	Granted
3.	S. Hemalatha S. Ranjani	Petalic nanocolloids as battalion for penicillin resistant bacterial strains isolated from tannery effluent	-	-	Granted
4.	S. Hemalatha Shariq Ahmed M	A facile method to prepare mycosilver nanoparticles and its therapeutic applications	-	-	Granted
5.	S. Hemalatha Tahira Akther	Myconano particles suppress the colonization of plant pathogenic fungi	-	-	Granted
6.	S. Hemalatha S. Ranjani	Hexananocolloid formulation as potent antibiotic-resistant breaker	-	-	Granted
7.	S. Hemalatha S. Ranjani	Breaking antibiotic resistance by using nanocolloids in pathogenic bacterial strains isolated from diabetic wound	-	-	Granted
8.	S. Hemalatha S. Ranjani	Potent green nanocolloids control growth, biofilm formation and virulence in antibiotic resistant strains isolated from tannery effluent	-	-	Granted
9.	S. Hemalatha, Ranjani S, Samrin	<i>Solanum virginianum</i> mediated green nanoformulation to control pathogens causing dental caries	Filed	-	-
10.	S. Hemalatha, Ranjani S, Jaswanthika	Skin anti aging formulation	Filed	-	-
11.	S. Hemalatha, Karunya Jenin Ravindranath	polyherbal formulation to treat triple negative breast cancer	Filed	-	-

12.	S. Hemalatha, Karunya Jenin Ravindranath	A formulation to cure triple negative breast cancer and a method of preparation thereof	Filed	-	-
13.	Karthikeyan Ramalingam	Improved synergistic gas nanoemulsion compositions and methods of synthesis thereof	-	-	Granted

11. Details of Impact Factor of the Publication and H-Index of the department

- Range -10.2
- Average - 3.67
- H-Index - 40
- No. In Scopus- 57
- Total citations – 6036
- IF: 1091.144

12. Sponsored Research (Ongoing / Granted)

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned	Current Status
1.	Dr. S. Hemalatha	TamilNadu forest department	Nanoformulation to enhance growth, metabolites production and disease protection for sustainable cultivation of medicinal plants	Rs 300000	Ongoing
2.	Dr. S. Hemalatha Dr. S. Ranjani	EDI Tamilnadu-IVP grant	Nanofabricated wound dressing material to control wound infection	Rs 2,00,000	Ongoing
3.	Dr. S. Hemalatha (Mentor)	UGC- SJSGC	Mangrove endophytic nanomaterial to break antibiotic resistance in multidrug resistant bacterial pathogens	Rs.20,74,000	Ongoing
4.	Dr. S. Hemalatha (Mentor)	UGC- SJSGC	Anti-carcinogenic activity of polyherbal formulation through in silico, in vitro and in vivo approaches	Rs.20,74,000	Ongoing
5.	Dr. Karthikeyan Ramalingam	ICMR	Nano-ointment (Nanoemulsion/ Nanoparticles) for the treatment of hospital infection caused by multi drug resistant Klebsiella pneumoniae pathogens	Rs.14,85,000	Ongoing
6.	Dr. Md. Khurshid A. Khan	ICMR	Structure based design and development of selective New Delhi Metallo lactamase-1 inhibitors to combat Antibiotic resistance (Discovery/IIRP/SG-7609/2023)	Rs 35,94,043	Ongoing
7.	Dr. M. K. Sangeetha	Crescent seed money	Diabetes signature in PCOS – A compensatory and altered mechanism perturbing fertility- An investigation on critical molecular players and possible reversal by natural ligands	Rs. 1,00,000	Ongoing
8.	Dr. U. Vimal Kumar	Crescent seed money	Design and fabrication of fibroin hydrogels and nanofibrillar architectures for neoantigens based onco immunotherapies	Rs. 46,000	Ongoing

9.	Dr. Sheeza Khan	DST	Role of naturally occurring small molecules in transthyretin-induced familial amyloid cardiomyopathy	Rs 29,00,000	Ongoing
10.	Dr. Simon Durai Raj	Crescent seed money	Evaluation of the effects of various Indian medicinal plants on breast cancer proliferation and expression of potential drug targets	Rs. 1,00,000	Ongoing
11.	Dr. U. Venkateswara Prasad	Crescent seed money	Detection and characterization of <i>Shigella</i> spp. from raw meat samples	Rs. 1,00,000	Ongoing
12.	Dr. Jean Cletus	Crescent seed money	Screening of mangrove exudates and latexes for PR proteins and their characterization	Rs. 85,000	Ongoing
13.	Dr. Nusrath Unissa	Crescent seed money	Molecular signatures associated with metabolomics in HIV infected and treated individuals from south India	Rs. 1,00,000	Ongoing

13. Details of Major Equipment Purchased (Financial year 2023-24)

S.No	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount in Rs
1.	Tubular furnace	Srivathy Scientific solution, Chennai, India	19.07.2023	31.01.2024	3,86,804
2.	Litesizer DLS 500	Litesizer DLS 500 Anton paar India Pvt. Ltd. India/ Austria	22.03.2024	23.04.2024	35,40,000
3.	Incubator Shaker	Orbitek- LE Refrigerated incubator shaker, Scigenics India pvt. Ltd.	13.06.2024	14.06.2024	3,43,557

14. International Visits by Faculty / Students

S.No	Name of the Faculty	Name of the Institution/Industry	Country	Purpose	Period	Outcome
1.	Dr. Sheeza Khan	Division of neurology, University of Texas medical branch (UTMB), USA	USA	Research scientist- I under faculty exchange program	August 2024- August 2025	Faculty exchange program, Research collaboration
2.	Dr. D. MubarakAli	Centre for Surface Technology and Application, Korea Aerospace University, Goyang, Republic of Korea	Republic of Korea	Visiting Research Professorship	1 st June 2023 to 31 st August 2023	International conference Research activities
3.	Dr. Soumen Bera	Dept. of Pathology, University of Illinois at Chicago 909 S Wolcott Avenue 6160 COMRB Chicago, IL 60612, USA	USA	Research	2021- Till date	Research collaboration

15. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr. S. Hemalatha	Aryabhata Award for Lifetime Achievement	ARAI Society Awards, Kerala	July 2024
2.	Dr. S. Hemalatha	A P J Abdul Kalam Award for Outstanding Researcher	ARAI Society Awards, Kerala	July 2024
3.	Dr. S. Hemalatha	Coordinator and course organizer-Turing Scheme, funded by Govt. of UK	Turing Scheme, Govt of UK	July 2024
4.	Dr. S. Hemalatha	Velu Nachiyar Women Scientist award, 2023, Society of synthetic and chemical biology, India	Society of synthetic and chemical biology, India	2023
5.	Dr. S. Hemalatha	InRes Distinguished Professor Award 2023	InRes Research institute. Kerala	2023
6.	Dr. S. Hemalatha	InRes Research Excellence Award 2023	InRes Research institute. Kerala	2023
7.	Dr. S. Hemalatha	Best Professor Award, Holy cross College, Trichy, 2023	Holy cross College, Trichy	2023
8.	Dr. S. Ranjani	A.P.J Abdul Kalam award 2024 outstanding researcher award	Association of Researchers & Academicians, India	July 2024
9.	Dr. S. Ranjani	S. Ramanujan Award 2024 for outstanding scientists	Association of Researchers & Academicians, India	July 2024
10.	Dr. S. Ranjani	Best oral presentation award	International Conference on New Frontiers In Microbial Technology (ICNFMT24), Sathyabama Institute of science & Technology, Chennai	February 2024
11.	Dr. S. Ranjani	Young scientist Award	International Conference on Trends in Biological Sciences: Impetus on Human Health, SRM Arts and Science College, SRM Nagar, Kattankulathur	October 2023
12.	Dr. S. Ranjani	Best oral presentation Award	National Conference on "Strategies in the Control of Infectious Diseases", Prof. Dhanapalan College of Science and Management, Chennai	October 2023
13.	Dr. S. Ranjani	InRes Vivekananda Prize, 2023	Institute of Researchers –	2023

			InRes India	
14.	Dr. S. Ranjani	Young Researcher Award, 2023	Institute of Researchers – InRes, India	2023

16. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1.	C. Simon Durai Raj	Course About Biotechnology	NPTEL	August 2023
2.	Dr. S. M. Fazeela Mahaboob Begum	Introduction to cell biology	Mindluster	August- October 2023

17. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Abdul Muezz K M S	210151601003	Best poster presentation award	SLS, BSACIST	January 2024
2.	Abdul Muezz K M S	210151601003	Business English Certificate preliminary pass with merit CEFR level- B1	Cambridge English	September 2023
3.	Ajay Ratnam B	210151601008	Secured GOLD medal	Naedukambu of International Silambam Championship Malaysian Leisure and Recreation Council and International Silambam Committee	July 2023
4.	Ajay Ratnam B	210151601008	Secured SILVER medal	Sparing of International Silambam Championship Malaysian Leisure and Recreation Council and International Silambam Committee, Malaysia	July 2023
5.	Ajay Ratnam B	210151601008	Passed in Cambridge English Entry Level Certificate in ESOL International with B1 grade	ESOL International with B1 grade	September 2023

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
6.	Ajay Ratnam B	210151601008	First prize	Variety show in INTRON Biotech Student Association of School of Life Sciences at BSACIST	November 2023
7.	Ajay Ratnam B	210151601008	First prize	Channel surfing in INTRON Biotech Student Association of School of Life Sciences at BSACIST	November 2023
8.	Ajay Ratnam B	210151601008	Secretary	Biotech Student Association of School of Life Sciences at BSACIST	November 2023
9.	Ajay Ratnam B	210151601008	Sparing	Silambam of Vyugam in SATHAK UTSAV 24, Mohamed Sathak College of Engineering	January 2024
10.	Ajay Ratnam B	210151601008	Honored by National Martial Arts and Yoga Association for the Best Qualities and compassion towards the success in the field of Silambam	National Martial Arts and Yoga Association for the Best Qualities and compassion	March 2024
11.	Ajay Ratnam B	210151601008	Treasurer	Crescent bio informatics Association of School of Life Sciences at BSACIST	November 2023
12.	Ajay Ratnam B	210151601008	Second prize	Naatupura Kalaigal-kalaikadhambam Tamil Panbaatu Peruvila, MIT, Chennai	March 2023
13.	R. Anushri	210151601009	Certification of Merit in the Business English Certificate (BEC) Preliminary Examination with grade of B1 and overall score of 153	Cambridge English	September 2023
14.	R. Anushri	210151601009	Third prize	GROUP DANCE – INTRON 23 School of Life Sciences in association with Biotech Student Association, BSACIST	November 2023

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
15.	R. Anushri	210151601009	First place	Silambam- Double Stick Event of Vyugam/ Kala Sangamam in SATHAK UTSAV 24, Organized by Mohamed Sathak College of Arts and Science	January 2024
16.	Aparna L N	210151601010	Third prize	Debate competition in Exon 24 organized by biotech student association of School Of Life Sciences, BSACIST	March 2024
17.	Aparna L N	210151601010	Second prize	Missing the lyrics in Exon24 organized by biotech student association of school of life sciences, BSACIST	March 2024
18.	Ashwini V	210151601012	3rd prize	Organized by Biotech Student Association of School of Life science	November 2023
19.	Ashwini V	210151601012	Completed one hour world record in World water day awareness program (Silambam)	Organised by Noble world records	March 2024
20.	Ashwini V	210151601012	Secured 83% in NPTEL course- Great Experiment in psychology (Silver medal)	NPTEL	February 2024
21.	Athiya Afreena. M	210151601013	Special mention Prize	Event Photography, Organized by biotech student association, School of Life Sciences, BSACIST	November 2023
22.	Athiya Afreena. M	210151601013	Certification of Merit in the Business English Certificate (BEC) Preliminary Examination with grade of B1 and overall score of 145	Cambridge English	September 2023
23.	V. Divyasree	210151601014	Third prize	GROUP DANCE – INTRON 23 organized by School of Life Sciences in association with Biotech Student Association,	November 2023

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
				BSACIST	
24.	Jameema Sultana Ansare	210151601019	First Prize	Technical speech-Gene Jamboree, National Symposium conducted by School of Life Sciences, BSACIST	March 2024
25.	Jameema Sultana Ansare	210151601019	Third prize	Lyrics challenge-Exon24 (nontechnical event) conducted by School of Life Science, BSACIST	March 2024
26.	Karthik K	210151601021	First prize	Singing (group)-INTRO 2023 organized by Biotech Student Association of school of life sciences, BSACIST	November 2023
27.	Karthik K	210151601021	First prize	Singing (solo)-INTRO 2023 organized by Biotech Student Association of school of life sciences, BSACIST	November 2023
28.	Karthik K	210151601021	First prize	Variety show INTRO 2023 organized by Biotech Student Association of school of life sciences, BSACIST	November 2023
29.	Karthik K	210151601021	First prize	Channel surfing INTRO 2023 organized by Biotech Student Association of school of life sciences, BSACIST	November 2023
30.	Karthik K	210151601021	The Business English Certificate (BEC) Preliminary Examination with grade of B1 and overall score of 153	Cambridge English	September 2023
31.	Karthik K	210151601021	World Record	Continuous performance of silamabam rotations for 1 hour of time conducted by National Martial Arts and Yoga Association	March 2024
32.	Mohamed Aadhil M	210151601026	Second prize	Photography at National Level	March 2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
				Symposium, Department of Polymer Engineering, BSACIST	
33.	Noor Hammna Anwardeen	210151601041	Top 5% scorer in NPTEL	NPTEL computer aided drug design course, IIT Madras	July to September 2023
34.	Noor Hammna Anwardeen	210151601041	Cleared GATE biotechnology 2024 ALL INDIA RANK 106	GATE	February 2024
35.	Noor Hammna Anwardeen	210151601041	First prize	Coin collection awarded by crescent Philately Club in Orion'24	February 2024
36.	Praveen Rajendra Babu	210151601042	Special Mention Prize	SOLO-ACTING in Orion'24, BSACIST	April 2024
37.	Praveen Rajendra Babu	210151601042	Second prize	Variety show organized by Fine Arts MIT	March 2024
38.	Praveen Rajendra Babu	210151601042	Second prize	ADZAP- EXON'24 organized by BSACIST	March 2024
39.	Praveen Rajendra Babu	210151601042	Third prize	ADZAP organized by Vels Institute	March 2024
40.	Praveen Rajendra Babu	210151601042	First prize	Channel Surfing in Exon'24 Organized by BSACIST	March 2024
41.	Rasitha Arafa R	210151601045	Awarded MITACS Globalink Research Internship 2024 to pursue 3 months internship in Canada	University of Victoria, British Columbia, Canada	March 2024
42.	Rasitha Arafa R	210151601045	Won a quiz and awarded a free voucher worth INR 16900	TOEFL ibt English Proficiency exam from ETS India	March 2024
43.	Rasitha Arafa R	210151601045	Third prize	Quiz - GeneJambore organized by Crescent Bioinformatics Association, school of Life Science, BSACIST	April 2024
44.	Rasitha Arafa R	210151601045	Cleared GATE 2024 in Biotechnology with AIR 1307	GATE	February 2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
45.	Rasitha Arafa R	210151601045	Completed Business English Certificate Preliminary Pass with Merit - CEFR level – B1	Cambridge English	September 2023
46.	Reshma V	210151601047	Second prize	Group dance in intron 2023 organized by biotech student association of school of life science, BSACIST	November 2023
47.	Sahana. R	210151601049	Third place	BIOIDEATHON , A national level technical Symposium conducted by Crescent Bioinformatic Association	March 2024
48.	Sibi Sudhan S	210151601059	First prize	Channel surfing in intron23 conducted by biotech student association of school of life sciences, BSACIST	November 2023
49.	Rakshana B	200151601043	GATE All India Rank-50	GATE	March 2024
50.	Shinoz T	200151601051	GATE All India rank-2025	GATE	March 2024
51.	Suvetha P	200151601055	GATE- All India rank-1560	GATE	March 2024
52.	Kulsum Zehra		IMEG Research Internship and visited to Kumamoto University, Japan	Kumamoto University, Japan	June- July 2023
53.	Fathima Firdhouse	231391601009	Second Photography	Intron SLS, BSACIST	Nov 2023
54.	Fathima Firdhouse	231391601009	Second Prize Tamil poetry	Intron SLS, BSACIST	Nov 2023
55.	Fathima Firdhouse	231391601009	First Prize Meme contest	Rotaract Club	Nov 2023
56.	Fathima Firdhouse	231391601009	Second Prize Meme contest	Retro Nova	Feb 2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
57.	Fathima Firdhouse	231391601009	Second Prize Tamil poetry	sangamam	Feb 2024
58.	Fathima Firdhouse	231391601009	First Prize Bio sketching	Capparis Madras Christian College	Feb 2024
59.	Fathima Firdhouse	231391601009	Second Prize Hand painting	Exon	March 2024
60.	Fathima Firdhouse	231391601009	E-Poster presentation	ICAN 24	July 2024
61.	Sujitha	231391601039	Special mention for art competition	Intron	Nov 23
62.	Imthiyas	231391601021	Quiz	Capparis Madras Christian College	Feb 2024
63.	Salman	231391601027	Decode	Capparis Madras Christian College	Feb 2024
64.	Abdullah	231391601001	Decode	Capparis Madras Christian College	Feb 2024
65.	Amreen Banu.K	230542601005	Best presentation award	ICAMP-24,BSA CIST	Jan 2024
66.	Kavibharathi.J	230542601022	Quiz competition Top score	National Science Day,BSACIST	Feb 2024
67.	Agalya J P	230542601003	Quiz competition Top score	National Science Day,BSACIST	Feb 2024
68.	Ragavi y	230542601040	Quiz competition Top score	National Science Day,BSACIST	Feb 2024
69.	Dinagar R	221442601004	Best presentation	ICAMP 2024	Jan 2024
70.	Madhubala Sivak	221442601007	Best presentation	ICAMP 2024	Jan 2024
71.	Nizar Fathima M	221712601007	Best presentation	ICAMP 2024	Jan 2024
72.	K.Subbulakshmi	221712601009	Best presentation	EXON 2024	Jan 2024
73.	MOHAMMED RI	220542601017	Best presentation	ICAMP 2024	Jan 2024
74.	S.Nithin	220542601019	Best presentation	ICAMP 2024	Jan 2024
75.	Gokul.O	220542601009	Best presentation	National conference	Jan 2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
76.	Sridevi S	220542601029	Best presentation	National conference	Jan 2024
77.	Parvez ahmed	220542601020	Best presentation	National conference	Jan 2024
78.	Pavithra M	220542601021	First prize for poster presentation	National conference	Jan 2024
79.	R. Kaviya	220532601009	Best presentation	ICAMP 2024	Jan 2024
80.	Hallazi Bivy M	220532601006	Best presentation	ICAMP 2024	Jan 2024
81.	Darshan Ganth	231442601004	Secured Gold medal	Taekwondo at YMCA Buck Tournament in senior men under 75kg	July 2024
82.	Jaswanthika	231442601007	NPTEL- Top 5% scorer	Modern food packaging technologies: Regulatory aspects and global trends	2023

18. Details of credit transfer through NPTEL/Swayam/MOOC courses

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1.	Abdul Muezz K M S B.Tech. Biotechnology (2021-2025)	210151601003	Bioreactor design and analysis	-	-
2.	Ashwini V B.Tech. Biotechnology (2021-2025)	210151601012	Great Experiment in psychology	-	Silver medal
3.	Noor Hammna Anwardeen B.Tech. Biotechnology (2021-2025)	210151601041	Computer aided drug design course	-	Top 5% scorer
4.	Rasitha Arafa R B.Tech. Biotechnology (2021-2025)	210151601045	Genetic Engineering: Theory and Applications	-	-
5.	Aadithiya C B.Tech. Biotechnology (2022-2026)	220151601001	Introduction to cell Biology	-	-
6.	Afsheen A B.Tech. Biotechnology (2022-2026)	220151601004	Introduction to cell Biology	Elite	-
7.	Shafana Fathima J B.Tech. Biotechnology (2022-2026)	220151601051	Introduction to cell Biology	Elite	Silver medal
8.	Swethaa R B.Tech. Biotechnology (2022-2026)	220151601056	Introduction to cell Biology	Elite	-
9.	Swethaa R B.Tech. Biotechnology (2022-2026)	220151601056	Understanding Incubation and Entrepreneurship	Elite	-

10.	Charulatha K	220151601008	Introduction to Nanotechnology	Elite	Silver medal
11.	Charulatha K	220151601008	Consumer Psychology	Elite	Silver medal
12.	Sathigadevi P	220151601050	Introduction to Nanotechnology	Elite	-
13.	Aadithiya C	220151601001	Computational Genomics	-	-
14.	Abinaya V	220151601002	Computational Genomics	-	-
15.	Afroz Maryam	220151601003	Computational Genomics	Elite	
16.	Arvind Krishna M	220151601005	Computational Genomics	Elite	
17.	Asmin Sabana I	220151601006	Computational Genomics	-	-
18.	Charulatha K	220151601008	Computational Genomics	-	-
19.	Dhivya Dharshini T	220151601009	Computational Genomics	-	-
20.	Elizabeth Florence	220151601010	Computational Genomics	-	-
21.	Fathima Fakhirah	220151601011	Computational Genomics	-	-
22.	Fathima Roshmi S	220151601012	Computational Genomics	-	-
23.	Haja Mohideen	220151601013	Complete Bioinformatics	Elite	-
24.	Jameela Sherin A	220151601015	Computational Genomics	Elite	-
25.	Jannathul Firdous T	220151601016	Computational Genomics	-	-
26.	Jency A	220151601017	Computational Genomics	-	-
27.	Lekha P	220151601019	Complete Bioinformatics	Elite	-
28.	Loga Sreeyaa	220151601020	Computational Genomics	-	-
29.	Madhumitra B	220151601021	Computational Genomics	Elite	
30.	Meenakshi Sundaram L	220151601022	Computational Genomics	-	-

31.	Mersiha Abdul	220151601023	Computational Genomics	-	-
32.	Mohammed Abdul Cader Aamir	220151601025	Complete Bioinformatics	-	-
33.	Mohammed Asaad M B	220151601026	Complete Bioinformatics	-	-
34.	Muhammad Rizhwan	220151601029	Complete Bioinformatics	-	-
35.	Naera N	220151601030	Complete Bioinformatics	-	-
36.	Naseem Ansari	220151601031	Computational Genomics	-	-
37.	Poorna A	220151601034	Computational Genomics	-	-
38.	Pradeeban B	220151601035	Computational Genomics	-	-
39.	Raisa N	220151601039	Computational Genomics	-	-
40.	Rifa Fathima M	220151601041	Complete Bioinformatics	Elite	-
41.	Safa Abdulla B	220151601044	Computational Genomics	-	-
42.	Safa K Arshafudheen	220151601045	Computational Genomics	-	-
43.	Sakthi Sahana Indumathi A	220151601047	Computational Genomics	-	-
44.	Sameena Sayeeda R	220151601048	Computational Genomics	-	-
45.	Sathigadevi P	220151601050	Computational Genomics	Elite	Silver medal
46.	Shafana Fathima J	220151601051	Computational Genomics	-	-
47.	Shaik Fariha Kaunain	220151601052	Computational Genomics	Elite	-
48.	Shaistha Farheen U H	220151601053	Computational Genomics	Elite	-
49.	Sivasakthi S	220151601055	Computational Genomics	-	-
50.	Swethaa R	220151601056	Complete Bioinformatics	-	-
51.	Tanaaz Mariam	220151601058	-	-	-

52.	Uma Swathi L N	220151601059	Computational Genomics	-	-
53.	Vinith Roshan V	220151601060	Computational Genomics	Elite	-
54.	Yumna Ayesha	220151601061	-	-	-
55.	Jaswanthika	231442601007	Modern food packaging technologies: Regulatory aspects and global trends	-	NPTEL-Top 5% scorer

19. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S. No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Disease Management	06 months	Dr. Faridha Begum I B.Sc Biotechnology III year	To create awareness to the people residing in Madambakkam	Creating awareness through questionnaire
2	Participation of Ecosystem restoration and Science film festival In association with Gothe-Institut, Max muller Bhavan And Environment Friends of India	01 day	Dr. P. Ashok Kumar B.Tech II, III, IV year students	Eco-restoration awareness in Vengadamangalam village	Eco-restoration awareness in Vengadamangalam village people

20. Industry / Institute Collaboration

S.No	Name & Detail of Industry	Type of Collaboration	Month & Year	Status	Outcome
1.	Eppendroff India Pvt Ltd. Ambattur, Chennai	Industrial visit	22-07-2024	Ongoing	Industrial Visit
2.	Virginia commonwealth University, Virginia, USA	International workshop on in silico Molecular Modeling and simulation	9-10 July 2024	Ongoing	Workshop
3.	Scigenics india india pvt ltd	Industrial visit	01-03-2024	Ongoing	Industrial Visit
4.	Softgel health care	Industrial visit	17-02-2024	Ongoing	Industrial Visit
5.	Ticel Biopark Taramani	Industrial visit	27-02-2024	Ongoing	Industrial Visit
6.	British agro products	Industrial visit	09-11-2023	Ongoing	Industrial Visit

7.	Genoseq diagnostics lab, mannivakkam	Industrial visit	08-11-2023	Ongoing	Industrial Visit
8.	A4 Fertility centre Tambaram	Industrial visit	08-11-2023	Ongoing	Industrial Visit
9.	South India Corrugated Box Manufacturers' Association (SICBMA) lab. Chennai	Industrial Visit	05-06-2023	Ongoing	Industrial Visit

21. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants		
			Faculty	Student	Others
1	Association of Cancer Education and Research (ACER)	International Conference	43	296	-
Details of Keynote Speakers: <ul style="list-style-type: none"> i. Dr. Mogana R, Dean, Professor, Faculty of Pharmaceutical Sciences, UCSI University ii. Dr. Ravishankar Ram Mani, Assistant Professor & Head of Research & QS Coordinator, Department of Pharmaceutical Biology, Faculty of Pharmaceutical Sciences, UCSI University Kuala Lumpur (South Wing), Kuala Lumpur, Malaysia iii. Dr. Sam Das, Jhon Hopkins School of Medicine iv. Dr. E. Seini, Associate Professor, Department of theoretical and applied sciences, University of Insubria, Italy v. Dr. D. Ignacio Camarillo, Department of Biological Sciences, Purdue University 					
2	Nano and Biomaterials Association (NBA) The Biotech Research Society (BRSI), India	International Conference	73	403	-
Details of Guest speakers: <ul style="list-style-type: none"> i. Dr. R. Srinivasan, Member Secretary, Tamil Nadu State Council for Science and Technology Dr. S. P. Subramaniam, Deputy Controller of Patents & Designs, Chennai ii. Dr. J. Muthukumaran, Dean, Tagore medical college iii. Dr. Sang-Yul Lee, Korea Aerospace University, Republic of Korea iv. Dr. Saravanan Kandasamy, Chonnam University, Republic of Korea v. Dr. Vasanthan Ravichandran, Nano-Bioengineering, Incheon National University, Republic of Korea vi. Dr. Abdul Kadir Yusuf Maigoro, Incheon National University, Republic of Korea vii. Dr. Siziya Noni Inonge, Incheon National University, Republic of Korea viii. Dr. Sung-Min Kim, Korea Institute of Industrial Technology, Republic of Korea ix. Dr. A. Lavanya, Siddha central research institute under Central council for research in siddha (Ministry of Ayush), Chennai 106, Tamil Nadu, India. 					
3	Association of Cancer Education and Research (ACER)	FDP	83	-	-
Details of Guest speaker					
4	Nano & Biomaterials Association (NBA), School of Life Sciences, in association with The Biotech Research Society, India.	International e-symposium	23	86	-
Details of Keynote Speakers: <ul style="list-style-type: none"> i. Dr. Santhanam. P, Professor, Bharathidasan University ii. Dr. Muthamilarasan. M, Assistant Professor, University of Hyderabad 					

S.No	Name of the Society	Type of activity	No. of Participants							
			Faculty	Student	Others					
iii.	Dr. P. Sathiyarajeswaran, Assistant Director, Sci-IV, Central Council for Research in Siddha, Pondicherry Dr. S. Kamaraj, Assistant Professor, Periyar University Dr. P. Shanmugam, Chief Scientist, Head & Professor – AcSIR, CSIR-CLRI Dr.S. Dinesh Kumar, Scientist, Marine Algal Research Station (MARS), CSIR-Central Salt & Marine Chemical Research Institute Dr. S. Ramalingam, Professor, Centre for Food Biotechnology, Dept. of Biotechnology, Anna University, Chennai Dr. K.P. Kumaraguru Vasagam, Principal Scientist, ICAR-Central Institute, of Brackish water Aquaculture Dr. A. Suresh Kumar, Senior Scientist, Assistant Professor - AcSIR, Biochemistry & Biotechnology, CSIR – CLRI Dr. S. Renganathan, Professor, Department of Biotechnology, Anna University Dr. S. Meignanalakshmi, Professor, Department of Animal Biotechnology, TANAVUS Dr. M. Pandi, Assistant Professor, Department of Molecular Microbiology, Madurai Kamaraj University									
iv.										
v.										
vi.										
vii.										
viii.										
ix.										
x.										
xi.										
xii.										
5						Bioscience research and innovation center	FDP	26	-	-
Details of Keynote Speakers:										
i. Dr. Tajamul Islam, Assistant Professor, Symbiosis Institute of Management, Studies (SIMS), Pune										
ii. Dr.Qaiser Farooq Dar, Scientist C, ICMR-National Institute of Research in Tribal Health, Jabalpur, India										
iii. Dr. Ashiq Hussain Bhat, Scientist C, ICMR-Rajendra Memorial Research, Institute of Medical Sciences, Patna										
6	Skills and Personality Development Program Centre (SPDC), Bioscience Research and Innovation Association, Bioscience Research and Innovation Centre	Workshop	-	97	-					
Details of Guest speaker										
i. Ms. Ramya Kannan, CEO, HiRise Food tech lab, Chennai										
7	Food Safety and Standards Authority of India (FSSAI)	Food Safety Training & Certification (foSTaC) program	-	24	-					

22. MoUs Signed

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome
			Day	Month	Year	
1.	Tula State Lev Tolstoy Pedagogical University, Tula, Russia	Research	07	12	2023	Faculty exchange, Research collaboration, Paper publications
2.	Haritha Institute & Research Foundation, Chennai	Research	01	11	2023	Student internship, Faculty exchange, Research collaboration, Paper publications
3.	Rapture biotech international private limited, Noida	Research	01	11	2023	Student internship, Faculty exchange, Research collaboration, Paper publications
4.	CeSTA, Korea Aerospace University, Republic of Korea, on 30th August, 2019 and renewed on 28th August, 2023	Research	28	08	2023	Faculty exchange, Research collaboration, Paper publications, International conference

5.	Division of Bioengineering, Incheon National University, Republic of Korea was signed on 14th August, 2019. and renewed on 28th August, 2023.	Research	28	08	2023	Faculty exchange, Research collaboration, Paper publications
6.	Tagore Medical College & Hospital and Tagore Dental College and Hospital, Chennai	Research	06	07	2023	Faculty exchange, Research collaboration, Paper publications
7.	Sree Balaji Medical College and Hospital, Chennai	Research	06	07	2023	Faculty exchange, Research collaboration, Paper publications

23. Extension Activity Conducted

S.No	Type of extension activity	No. of Participants		Details of beneficiaries	Programme duration
		Faculty	Student		
1	Participation of Ecosystem restoration and Science film festival In association with Gothe-Institut, Max muller Bhavan And Environment Friends of India	01	36	Eco-restoration awareness in Vengadamangalam village	01 day

23. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)
1.	Dr. R. Srinivasan	Member Secretary, Tamil Nadu State Council for Science and Technology, Chennai	ICAAB 2024, 30-31 July 2024, International conference
2.	Dr. M. Radhakrishnan	Scientist E, Centre for Drug Discovery and Development Sathyabama Institute of Science and Technology, Chennai	ICAAB 2024, 30-31 July 2024, International conference
3.	Dr. Henkie Isahwan Ahmad Mulyadi Lai	Director for Research Management Centre, University College of MAIWP International, Kuala Lumpur, Malaysia	ICAAB 2024, 30-31 July 2024, International conference
4.	Dr. Abhinava K. Mishra	University of California, Santa Barbara, USA	ICAAB 2024, 30-31 July 2024, International conference
5.	Dr. Vasudevan Ramachandran	Director for the Centre of Postgraduate and Internationalization, University College of MAIWP International, Kuala Lumpur, Malaysia	ICAAB 2024, 30-31 July 2024, International conference
6.	TS. Haily Liduin Koyou	Lecturer, University College of MAIWP International, Kuala Lumpur, Malaysia	ICAAB 2024, 30-31 July 2024, International conference
7.	Prof. Dr. Wan Mohd Azizi Wan Sulaiman,	Vice-Chancellor, University College Maiwp International, Kuala Lumpur, Malaysia	International conference, Research collaboration 30 July 2024
8.	Prof. Dr. Mohd Nazil Salleh	Deputy Vice-Chancellor, Academic & Internationalization, University College Maiwp International, Kuala Lumpur, Malaysia	International conference, Research collaboration 30 July 2024

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)
9.	Dr. Vasudevan Ramachandran	Director, Centre of Postgraduate and Internationalization, University College Maiwp International, Kuala Lumpur, Malaysia	International conference, Research colloboration 30 July 2024
10.	Dr. Henkie Isahwan Ahmad Mulyadi Lai,	Director (Research Management Centre), University College Maiwp International, Kuala Lumpur, Malaysia	International conference, Research colloboration 30 July 2024
11.	Dr. Balaji Nagarajan	Virginia Commonwealth University, USA	International workshop on in silico Molecular Modeling and simulation
12.	Dr. Nehru Viji Sankaranarayanan	Virginia Commonwealth University, USA	18- 22 May 2024/ One credit course
13.	Dr. Tajamul Islam	Assistant Professor, Symbiosis Institute of Management, Studies (SIMS), Pune	FDP/Certificate course on "Applied Statistics for Biological Sciences", 15- 21 May 2024
14.	Dr.Qaiser Farooq Dar	Scientist C, ICMR-National Institute of Research in Tribal Health, Jabalpur	FDP/Certificate course on "Applied Statistics for Biological Sciences", 15- 21 May 2024
15.	Dr. Ashiq Hussain Bhat	Scientist C, ICMR-Rajendra Memorial Research, Institute of Medical Sciences, Patna	FDP/Certificate course on "Applied Statistics for Biological Sciences", 15- 21 May 2024
16.	Er. Mohammed Jamalkhan	Food safety expert, Malika food industries LLC, Dubai, UAE	International seminar on Career opportunities in industry, 03 May 2024.
17.	Er. Ozair Jainul Hussain	Teacher, mentor and counsellor, Dubai and United Kingdom	International seminar on Career opportunities in industry, 03 May 2024.
18.	Dr. P. Srinivasan	ACRO Biomedical Co., Ltd. Taiwan	Webinar on Production of biomaterials using Supercritical carbon dioxide for tissue engineering and regenerative medicine, 02 March 2024.
19.	Dr. Santhanam	Professor, Bharathidasan University, Tiruchirappalli	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
20.	Dr. Muthamilarasan	Assistant Professor, University of Hyderabad, Hyderabad	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
21.	Dr. P. Sathiyarajeswaran	Assistant Director, Sci-IV, Central Council for Research in Siddha, Pondicherry	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
22.	Dr. S. Kamaraj	Assistant Professor, Periyar University, Salem	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
23.	Dr. P. Shanmugam	Chief Scientist, Head & Professor – AcSIR, CSIR-CLRI, Chennai	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
24.	Dr.S. Dinesh Kumar	Scientist, Marine Algal Research Station (MARS), CSIR-Central Salt & Marine Chemical Research Institute, Gujarat	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)
25.	Dr. S. Ramalingam	Professor, Centre for Food Biotechnology, Dept. of Biotechnology, Anna University, Chennai	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
26.	Dr. K.P. Kumaraguru Vasagam	Principal Scientist, ICAR-Central Institute of Brackish water Aquaculture, Chennai	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
27.	Dr. A. Suresh Kumar	Senior Scientist, Assistant Professor - AcSIR, Biochemistry & Biotechnology, CSIR – CLRI, Chennai	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
28.	Dr. S. Renganathan	Professor, Department of Biotechnology, Anna University, Chennai	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
29.	Dr. S. Meignanalakshmi	Professor, Department of Animal Biotechnology, TANAVUS, Chennai	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
30.	Dr. M. Pandi	Assistant Professor, Department of Molecular Microbiology, Madurai Kamaraj University, Madurai	Two weeks Faculty Development Programme on "Current Advances and Applications in Life Sciences" 15 - March 28 2024
31.	Dr. K. Ruckmani	Professor, Anna University, Tiruchirappalli	International e-symposium on women scientists in Science and Technology with Special Reference to Nanotechnology (IWSC22), 8 March 2024
32.	Dr. Jayashree Rout	Professor, Assam University, Silchar, Assam	International e-symposium on women scientists in Science and Technology with Special Reference to Nanotechnology (IWSC22), 8 March 2024
33.	Dr. T.S. Anitha	Assistant Professor, Pondicherry University, Puducherry	International e-symposium on women scientists in Science and Technology with Special Reference to Nanotechnology (IWSC22), 8 March 2024
34.	Dr. Radha Rani	Associate Professor, National Institute of Technology, Allahabad	International e-symposium on women scientists in Science and Technology with Special Reference to Nanotechnology (IWSC22), 8 March 2024
35.	Dr. Mogana R	Dean, Professor, Faculty of Pharmaceutical Sciences, UCSI University, Malaysia	ICAMP 2024 30-31 January 2024 International conference
36.	Dr. Ravishankar Ram Mani,	Assistant Professor & Head of Research & QS Coordinator, Department of Pharmaceutical Biology, Faculty of Pharmaceutical Sciences, UCSI University Kuala Lumpur, Kuala Lumpur, Malaysia	ICAMP 2024 30-31 January 2024 International conference

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)
37.	Dr. Sam Das	Jhon Hopkins School of Medicine, USA	ICAMP 2024 30-31 January 2024 International conference
38.	Dr. E. Seini,	Associate Professor, Department of theoretical and applied sciences, University of Insubria, Italy	ICAMP 2024 30-31 January 2024 International conference
39.	Dr. D. Ignacio Camarillo,	Department of Biological Sciences, Purdue University, USA	ICAMP 2024 30-31 January 2024 International conference
40.	Dr. Leonid Perelomov	Tula State Lev Tolstoy Pedagogical University, Russia	5- 18 December, 2023, International seminar, international workshop Research collaboration, Research publications International Faculty exchange
41.	Dr. Yuri Atroshchenko	Tula State Lev Tolstoy Pedagogical University, Russia	5- 18 December, 2023, International seminar, international workshop Research collaboration, Research publications International Faculty exchange
42.	Dr. Azger Dusthacker	National Institute for Research in Tuberculosis, Indian Council for Medical Research, Chennai	Webinar on Impact of inhibitions by pathogens on treatment outcomes, 23 November 2023
43.	Dr. S. Ramesh Prabu	Accenture Solutions Pvt. Ltd, Chennai	Webinar on Disease prevalence, 6 November 2023
44.	Mr. Sony Akkara	Executive Director, Eazy link Academy, Kerala	Seminar on Global higher educational opportunities, 31 October 2023
45.	Dr. A. Hannah Rachel Vasanthi	Pondicherry University, Pondicherry	Webinar on Bioactive Plant Secondary Metabolites - Past to Present 27 October 2023.
46.	Dr. Georget Josephine Divya M	Associate Scientist, Plant protein product development, ITC foods division, Bangalore	Webinar on Fermentation-The new game changer for alternative protein, 21 October 2023
47.	Er. Ilaya Bharathi V	Senior Associate (Quality) at Way Cool Foods Pvt. Ltd. Chennai	National seminar on Ongoing compliance with GMP in the food industry, 17 September 2023
48.	Dr. G. Selvam	Head of Pathology, Bioscience Research Foundation, Chennai	National seminar on Harmonizing GMP/GLP regulations and carrier opportunities in industries, 24 August 2023
49.	Ms. A. Anuradha	Research Scientist and Senior Executive, Reliance Life Sciences, Mumbai	National seminar on Harmonizing GMP/GLP regulations and carrier opportunities in industries, 24 August 2023
50.	Dr. V. Sudarkodi	Patent Officer, Crescent Innovation and Incubation Council, Chennai	National seminar on Harmonizing GMP/GLP regulations and carrier opportunities in industries, 24 August 2023
51.	Er. B. Jayashree	Embryologist, A4 Fertility Centre, Chennai	National seminar on Harmonizing GMP/GLP regulations and carrier opportunities in industries, 24 August 2023

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)
52.	Mr. Gunasekaran	Quality Assurance Lead, Think Healthcare LLP, Chennai	National seminar on Harmonizing GMP/GLP regulations and carrier opportunities in industries, 24 August 2023
53.	Er. Swetha Suresh	Senior Regulatory Engineer, Tata Group, Pune	National seminar on the road to market authorization- exploring medical device 03 August 2023
54.	Dr. R. Srinivasan	Member Secretary, Tamil Nadu State Council for Science and Technology, Chennai	ICAN3, 9-10 August 2023, International conference
55.	Dr. S. P. Subramaniyan	Deputy Controller of Patents & Designs, Chennai	ICAN3, 9-10 August 2023, International conference
56.	Dr. J. Muthukumaran	Dean, Tagore medical college, Chennai	ICAN3, 9-10 August 2023, International conference
57.	Dr. Sang-Yul Lee	Korea Aerospace University, Republic of Korea	ICAN3, 9-10 August 2023, International conference
58.	Dr. Saravanan Kandasamy	Chonnam University, Republic of Korea	ICAN3, 9-10 August 2023, International conference
59.	Dr. Vasanthan Ravichandran	Nano-Bioengineering, Incheon National University, Republic of Korea	ICAN3, 9-10 August 2023, International conference
60.	Dr. Abdul Kadir Yusuf Maigoro	Incheon National University, Republic of Korea	ICAN3, 9-10 August 2023, International conference
61.	Dr. Siziya Noni Inonge	Incheon National University, Republic of Korea	ICAN3, 9-10 August 2023, International conference
62.	Dr. Sung-Min Kim	Korea Institute of Industrial Technology, Republic of Korea	ICAN3, 9-10 August 2023, International conference
63.	Dr. A. Lavanya	Siddha central research institute under Central council for research in siddha (Ministry of Ayush), Chennai	ICAN3, 9-10 August 2023, International conference
64.	Dr. Tajamul Islam	Symbiosis institute of management, Pune	Webinar on Deciphering consumer behavior and food product development, 23 June 2023.
65.	Dr. M. Monisha	IITDM, Chennai	National seminar on Applications of Bioinformatics and Biosimulations 01 June 2023.

24. Any other academic relevant information

- School of Life Sciences hosted Students from University of East London, UK for 5 weeks (July-August 2024) Funded by Turing Scheme -UK Government's Programme.
- School of Life Sciences hosted Students from University of East London, UK for 6 weeks (July-August 2023) Funded by Turing Scheme -UK Government's Programme.
- School of Life Sciences hosted 2 faculty from Tula State Lev Tolstoy Pedagogical University, Tula, Russia for 2 week (5- 18 December 2023) funded by Russian Science Foundation

CRESCENT SCHOOL OF ARCHITECTURE

CRESCENT SCHOOL OF ARCHITECTURE

1. Value Added Programmes Conducted

S.No	Name of Programme	Duration (From – To)	Course Duration (Hrs)	Details of Collaborating Agency	Details of Participants	
					Students	Faculty
1	Personality Enhancement I [B.Arch 1st year]	11/09/2023 – 14/09/2023	28 hrs	Ripe Institute Soft Skill Development	77	—
2	Personality Enhancement I [B.Des 1st year]	11/09/2023 – 14/09/2023	28 hrs	Ripe Institute Soft Skill Development	39	—
3	Summer School 2023: Parametric Workshop	July 2023	34 hrs	—	31	3
4	Summer School 2023: Kinetic Workshop	July 2023	34 hrs	—	31	3
5	Summer School 2023: Effective Communication in English	July 2023	34 hrs	—	30	3
6	Summer School 2023: Clay Workshop	July 2023	34 hrs	Artist Prabhakaran, External Expert Member	50	3
7	Summer School 2023: Light Sensor Workshop	July 2023	34 hrs	—	32	3

2. Training Programmes Offered

S. No.	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course Fee & Details of Collaborating Agency	Details of Participants
					Students
1	Personality Enhancement I [B.Arch 1st year]	11/09/2023 – 14/09/2023	28 hrs	Ripe Institute Soft Skill Development Rs 57,150	77

2	Personality Enhancement I [B.Des 1st year]	11/09/2023 – 14/09/2023	28 hrs	Ripe Institute Soft Skill Development Rs 57,150	39
3	Summer School 2023: Clay Workshop	July 2023	34 hrs	Artist Prabhakaran, External Expert Member Rs 20,000	50

3. Interdisciplinary Programmes Conducted

S.No.	Name of Programme	Other Departments Involved	No. of Participants		
			Students	Faculty	Others
1.	Summer School 2023: Parametric Workshop	B.Arch & B.Des	31	3	-
	Outcome of the Programme: The students had profound exploration of knowledge on Parametric designs				
2.	Summer School 2023: Kinetic Workshop	B.Arch & B.Des	31	3	-
	Outcome of the Programme: The students had profound exploration of knowledge on Kinetic installations				
3.	Summer School 2023: Effective Communication in English	B.Arch & B.Des	30	3	-
	Outcome of the Programme: The students had profound exploration of knowledge in communication				
4.	Summer School 2023: Clay Workshop	B.Arch & B.Des	50	3	-
	Outcome of the Programme: The students had profound exploration of knowledge on preparing clay murals				
5.	Summer School 2023: Light Sensor Workshop	B.Arch & B.Des	32	3	-
	Outcome of the Programme: The students had profound exploration of knowledge on Light sensors and its architectural and interior design applications				

4. Details of Field Visits / Industrial Visits Organized by the Department

S. No	Participant Details				Name of the Faculty Involved	Industry Visited	Date / Duration
	Prog.	Sem.	Sec.	No. of Students			
1	B.Arch	1	A & B	77	Ar. Hemaprihikka Ar Madhumathi Ar Vignesh	Egmore Museum, Beach Road Memorials &	14/08/2023

					Ar. Lokesh Ar. Muzzamil Mr. Vinil	Santhome Church	
	Outcome : The students were exposed to the architectural heritage and contemporary cityscape of the city						
2	B.Arch	1	A & B	77	Ar. Hemaprihikka Ar. Madhumathi Ar. Vignesh Ar. Lokesh Ar. Muzzamil Mr. Vinil	DakshinaChitra Heritage museum	17/08/2023
	Outcome : The students were for sketching trip in which they were also exposed to the architectural heritage and vernacular designs of southern states of India						
3	B.Arch	1	A & B	77	Ar. Hemaprihikka Ar. Madhumathi Ar. Vignesh Ar. Lokesh Ar. Muzzamil Mr. Vinil	Kanchipuram temple	23/08/2024
	Outcome : Sketching trip as part of Allied Design studio						
4	B.Arch	1	A & B	77	Ar. Hemaprihikka Ar. Madhumathi Ar. Vignesh Ar. Lokesh Ar. Muzzamil Mr. Vinil	Cholamandal Artists Village	29/08/2023
	Outcome : Sketching trip as part of Allied Design studio						
5	B.Arch	2	A & B	76	Ar. Hemaprihikka Ar. Lokesh Ar. Idhayabanu Ar. Sharafath	Chennai Rail Museum	24/01/2024
	Outcome : The students were taken for material exploration						
6	B.Arch	2	A & B	76	Ar. Hemaprihikka Ar. Lokesh Ar. Idhayabanu Ar. Sharafath	Rinas Venue	17/02/2024
	Outcome : To gain understanding on residential designs as part of their studio projects.						
7	B.Arch	2	A & B	76	Ar. Hemaprihikka Ar. Lokesh Ar. Idhayabanu Ar. Sharafath	Architect Dhanaseelan's House	22/04/2024
	Outcome : To understand the conceptual exploration in Architecture Practice. The students also had on-site discussion with the 8Lead Architect						

8	B.Arch	3	A & B	65	Ar. Jayashree S. Ar. Deepanraj A. Ar. Santhosh D. Ar. FardeenaAnis	The Pupil Saveetha Eco School	11/08/2024
Outcome : The students were exposed to School Design							
9	B.Arch	3	A & B	65	Ar. Jayashree S. Ar. Deepanraj A. Ar. Santhosh D. Ar. FardeenaAnis	Ela Green School	13/08/2024
Outcome : The students were exposed to School Design							
10	B.Des	5	A	37	Ar. Sangeetha S. Ar. Nevetha C.S.	Iraivi boutique	07/08/2023
Outcome : The students were exposed to Boutique Design							
11	B.Arch	3	A & B	65	Ar. Jayashree S. Ar. Deepanraj A. Ar. Santhosh D. Ar. FardeenaAnis	Egmore Museum, Chennai	21/09/2024
Outcome :The students were exposed to museum design.							
12	B.Arch	4	A & B	65	Ar. Saritha S.C. Ar. Christone R. Ar. Ajit Kavim Ar. Vigneshkumar R.	Anna Centenary Library	23/01/2024
Outcome : The students were exposed to public library design							
13	B.Arch	8	A & B	56	Ar. Thilakavathi S.M. Ar. Olimaran R. Ar. Jayashree S. Ar. Mohammed Muzzammil A.	Le Royal Mériidien Chennai	23/01/2024
Outcome : The students were exposed to five-star hotel design							
14	B.Arch	8	A	28	Ar. Thilakavathi S.M. Ar. Mohammed Muzzammil A. Ar. Vineeth Vishal S.	Jawaharlal Nehru Stadium, Chennai	07/03/2024
Outcome : The students were exposed to multi-purpose stadium design							
15	B.Arch	8	B	28	Ar. Olimaran R. Ar. Jayashree S.	Jawaharlal Nehru Stadium, Chennai	08/03/2024
Outcome : The students were exposed to multi-purpose stadium design							

16	B.Des	6	A	37	Ar. Sangeetha S. Ar. Aristotle Balraj	Pondy Bazaar	24/01/2024
Outcome : The students were exposed to urban furniture design							
17	B.Des	6	A	37	Ar. Sangeetha S. Ar. Aristotle Balraj Ar. Sushil Kumar P.	Le Royal Méri dien Chennai	17/02/2024
Outcome : The students were exposed to five-star hotel design							
18	B.Des	6	A	37	Ar. Sangeetha S. Ar. Aristotle Balraj Ar. Sushil Kumar P.	Studio Infiniti	19/03/2024
Outcome : The students were exposed to various tiles and panels.							
19	B.Des	6	A	37	Ar. Sangeetha S. Ar. Aristotle Balraj Ar. Sushil Kumar P.	The White Teak Company	19/03/2024
Outcome : The students were exposed to various luminaires.							




5. Conferences / FDP / Seminars / Workshops Organized by the Department





S. No.	Name of the programme	Type of Programme	Duration From – To	Details of Keynote Speakers	Details of participants	
					BSACIST	
					Faculty	Students
1	HVAC for Interior Designers	Guest Lecture	17/04/2024	D. Balaji	3	37
2	Clay Mural workshop	Workshop	28/07/2023	Artist Prabhakaran	-	51
3	"Will to win" – Motivational talk	Guest Lecture	22/08/2023	Dr.Sulthan Ahmed Ismail	6	114
4	Durability of Reinforced concrete structures.	Guest Lecture	26/08/2023	Dr.M.S.Haji Sheik Mohammed	6	70
5	Limitless Horizons	Guest Lecture	13/08/2023	Ar.Kalaivanan	6	70
6	Alumni Talk	Guest Lecture	18/08/2023	Ar.Salman	6	70






6. Financial Support for Organizing Value Added Programme / Field Visit / Workshop / FDP / Conference / Guest Lecture / Professional Society Activities Such as Membership Fees, Organized Events etc.






S. No.	Name of Programme / Activity	Duration	Details of financial support received from Institution
01.	Skill Development	September 2023	Rs 57,150
02.	Summer School 2023: Clay Mural workshop	July 2023	Rs 20,000

7. Conferences / FDP / Seminars / Workshops Attended by faculty

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency
01	Ar Jayashree	 <p>Emerging technologies in sustainable building design.</p>	Online training program	5 Days (08.07.2024 – 12.07.2024)	COA
02	Ar Jayashree	 <p>Office of management information system</p>	Hands on training	2 Days (01.08.2023 – 02.08.2023)	BSACIST
03	Ar Jayashree	 <p>Resilient Habitats - Rethinking design in the context of climate change.</p>	Online training program	5 Days (10.06.2024 – 14.06.2024)	COA

04	Ar Mohammed Muzzammil	 <p>Emerging technologies in sustainable building design.</p>	Online training program	5 Days (08.07.2024 – 12.07.2024)	COA
05	Ar Mohammed Muzzammil	 <p>Resilient Habitats - Rethinking design in the context of climate change.</p>	Online training program	5 Days (10.06.2024 – 14.06.2024)	COA
06	Ar Jabeenusia	 <p>Emerging technologies in sustainable building design.</p>	Online training program	5 Days (08.07.2024 – 12.07.2024)	COA
07	Ar Hema prithikka	 <p>Prompt generation using AI for Architectural design in Architecture</p>	Online training program	2 Days (29.05.2024 – 30.05.2024)	BMS School of Architecture

08	Ar Hema prithikka	 <p>Theorising from the Ground Investigating a public space in Bangalore RESEARCH DIALOGUES 2023-24 E-CERTIFICATE This is to certify that Hema prithikka A. has successfully completed the 1-day training programme on "Theorising from the Ground" conducted by Crescent School of Architecture, BMS School of Architecture, Bangalore on 29.06.2024. Dr. Kiran Kaurani The President, Crescent School of Architecture, Bangalore</p>	Online training program	1 Day (29.06.2024)	BMS School of Architecture
09	Ar Aristotle	 <p>Learning Architecture WEBINAR Series बुद्धिज्ञानिनं बुद्धिर्ध्यायति ॥ Certificate of Participation This Certificate is hereby awarded to: ARISTOTLE BARKAI Faculty Member, Crescent school of Architecture, Chennai for participating in the 05 Days WEBINAR SERIES on BUILDING SERVICES, as mentioned hereunder: WEBINAR - 01: Water Supply in Buildings organized on 24 JUN, 2024 WEBINAR - 02: Sustainable Built Environment organized on 25 JUN, 2024 WEBINAR - 03: Electrical Services in Buildings organized on 26 JUN, 2024 WEBINAR - 04: Fire and Life Safety in Buildings organized on 27 JUN, 2024 WEBINAR - 05: Planning of Lifesty in Buildings organized on 28 JUN, 2024 Dr. Rajesh Gang P.D., B. Arch. (Department) No. : LAWS/BS/2024/001 Issue Date: 27 JUN, 2024</p>	Webinar	5 Days	Archeduindia
10	Ar Thilakavathi	 <p>GREEN RATING FOR INTEGRATED HABITAT ASSESSMENT Certificate of Participation This is to certify that S M Thilakavathi has participated in the Online 3-day training programme on GRIHA V2019 conducted by GRIHA Council in June 2024. Dr. KESAVASUBRAMANIAM & Associates GRIHA Council</p>	Online training program	3 Days	GRIHA
11	Ar Saritha	 <p>Department of Architecture and Planning National Institute of Technology Patna Certificate of Participation This is to certify that Ms. Ms. Saritha Assistant Professor of Architecture has successfully completed the Five-Day International Workshop (Online mode) on "Cities and Climate Change" held from 17th to 21st July, 2023. Dr. Koushik Mishra Head of Architecture and Planning (Department) Dr. Shashank K. Mishra Head of Architecture and Planning (Department) Prof. Manoj Kumar Head of Architecture and Planning (Department)</p>	Online training program	5 Days (17.07.2023 – 21.07.2023)	NIT,Patna
12	Ar Sangeetha	 <p>Department of Architecture and Planning National Institute of Technology Patna Certificate of Participation This is to certify that Ms. Ms. S Sangeetha Assistant Professor of Architecture has successfully completed the Five-Day International Workshop (Online mode) on "Cities and Climate Change" held from 17th to 21st July, 2023. Dr. Koushik Mishra Head of Architecture and Planning (Department) Dr. Shashank K. Mishra Head of Architecture and Planning (Department) Prof. Manoj Kumar Head of Architecture and Planning (Department)</p>	Online training program	5 Days (17.07.2023 – 21.07.2023)	NIT,Patna

13	Ar.Santhosh	 <p>Emerging technologies in sustainable building design.</p>	Online training program	5 Days (08.07.2024 – 12.07.2024)	COA
14	Ar.Santhosh		Webinar	5 Days	Archeduindia
15	Ar.Santhosh	 <p>Resilient Habitats - Rethinking design in the context of climate change.</p>	Online training program	5 Days (10.06.2024 – 14.06.2024)	COA
16	Ar Mohammed Muzzammil		Webinar	5 Days	Archeduindia
17	Ar Sharafath		Webinar	5 Days	Archeduindia

18	Ar Jayashree		Webinar	5 Days	Archeduindia
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8. Patents (Obtained / Applied)

S.No.	Details of the Faculty & Affiliation	Title of Patent	Details of Patents			Details of Financial Assistance from Institution
			Filed	Published	Granted	
01.	322305-009	Momart	-	-	Y	Fully funded
02.	322305-001	Blair Witch	-	-	Y	Fully funded
03.	322305-005	Modular Table Cum Stool Set	-	-	Y	Fully funded
04.	322305-010	Hexa Glow	-	-	Y	Fully funded
05.	322305-008	Composite Furniture Set	-	-	Y	Fully funded
06	381097-001	Spunky Sensor	Y	-	-	Fully funded

9. Details of Major Equipment Purchased (Financial year 2023-24)

S. No.	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount in Rs
1	HP &&2 300ml yellow Designjet Ink Catridge-ZS400	USAM Technology Solutions pvt Ltd	14.02.2023	14.02.2023	Rs.8500/-
2	1.HP 772 300ml photo Black Deskjet Ink Catridge Zs400 2. HP 772 300ml photo Gray Deskjet Ink Catridge Zs400 3.HP 772 300ml Mattee Black Deskjet Ink Catridge Zs400 4.HP 772 300ml cyan Deskjet Ink Catridge Zs400 5.HP 772 300ml Magenta Deskjet Ink Catridge Zs400	USAM Technology Solutions pvt Ltd	14.02.2023	14.02.2023	Rs.42,750/-
3	Trimble Sketchup Studio Education Annual term Contract for 60 users	EVomax Techno Solutions Pvt Ltd	16.11.2023	16.11.2023	Rs.2,61,960/-

10. Achievements of Faculty & Non-teaching Staff

S.No.	Name of the Faculty / Non-teaching Staff	Type of Recognition / Award	Details of Awarding Organization	Month & Year
1	Crescent School of Architecture	BEST ARCHITECTURE COLLEGE: (PVT) Ranked 11 th National level Ranked 1 st in State Level	IIRF	22/03/2024
2	Crescent School of Architecture	BEST DESIGN COLLEGE: (PVT) Ranked 6 th National level Ranked 1 st in State Level	IIRF	22/03/2024
3	Crescent School of Architecture	NIRF – 40th ranking in Architectural category	NIRF	12/08/2024
4	Crescent School of Architecture	Crescent school of Architecture was awarded with the 3rd Place, under AAA category for its commendable participation in the Online courses by the Government Online platform of NPTEL- SWAYAM portal.	NPTEL	27/03/2024
5	Prof. Ar. Jayalakshmi, Dean, Crescent School of Architecture	Prof. Ar. Jayalakshmi, Dean, Crescent School of Architecture was identified as one of the Top "10 Influential Women Academic Leaders in India" by Higher Education Digest.	Higher Education Digest.	-
6	Prof. Ar. Jayalakshmi, Dean, Crescent School of Architecture	One of the Industry Expert Members of the State Level Solid Waste Management committee that has been Constituted by the Public Works Department (State PWD)	Public Works Department	-
7	Prof. Ar. Jayalakshmi, Dean, Crescent School of Architecture	Council of Architecture inspection team member	COA	03/07/2023
8	Prof. Ar. Jayalakshmi, Dean, Crescent School of Architecture	Council of Architecture identified Form B assessor	COA	-
9	Prof. Ar. Jayalakshmi, Dean, Crescent School of Architecture	Council of Architecture identified NATA exam moderator	COA	-
10	Ar. Saritha, Associate professor, Crescent School of Architecture	Council of Architecture identified Form B assessor	COA	-
11	Ar. Sangeetha, Associate professor, Crescent School of Architecture	Council of Architecture identified Form B assessor	COA	-

11. Achievements of Students

S.No.	Name of the Student	Type of Recognition / Award Achieved	Details of Awarding Organization	Month & Year
01.	Students of B.Des VI sem	AYDA Special Mention	AYDA	February, 2024
02.	Students of IX sem , B.Arch	Selected in three places out of six in South zone	INSDAG	February, 2024
03.	Students of IX sem , B.Arch	Won the Second and third place in nationals -Final round	INSDAG	April, 2024
04	Ram Bharat, X Sem, B.Arch	Thesis project has won prize in the International Competition- Red Planet Renaissance	International Competition- Red Planet Renaissance	June,2024

12. Details of Credit Transfer through NPTEL / Swayam / MOOC Courses

S. No.	Name of the Student & Programme	RRN	Name of the Course & Credit	Duration	Grade Obtained
1	Abdur Rahman P	220101601002	Role of Craft and Technology in Interior Architecture (2 credits)	8 weeks	E
2	Arsath Mohamed P A	220101601005	Role of Craft and Technology in Interior Architecture	8 weeks	E
3	Aysha Zila	220101601007	Role of Craft and Technology in Interior Architecture	8 weeks	C
4	Bhuvana Sanjay	220101601008	Role of Craft and Technology in Interior Architecture	8 weeks	E
5	Madhan Raj	220101601019	Role of Craft and Technology in Interior Architecture	8 weeks	E
6	Mohammed Hasan	220101601027	Role of Craft and Technology in Interior Architecture	8 weeks	C
7	Mukesh	220101601032	Role of Craft and Technology in Interior Architecture	8 weeks	C
8	Murugesh	220101601033	Role of Craft and Technology in Interior Architecture	8 weeks	E

S. No.	Name of the Student & Programme	RRN	Name of the Course & Credit	Duration	Grade Obtained
9	Nitesh Raj	220101601034	Role of Craft and Technology in Interior Architecture	8 weeks	C
10	Padmashree	220101601037	Role of Craft and Technology in Interior Architecture	8 weeks	E
11	Rajarathinam S	220101601040	Role of Craft and Technology in Interior Architecture	8 weeks	D
12	Rathiya	220101601043	Role of Craft and Technology in Interior Architecture	8 weeks	D
13	Rishi Kumar	220101601044	Role of Craft and Technology in Interior Architecture	8 weeks	B
14	Rupika Sadhana	220101601046	Role of Craft and Technology in Interior Architecture	8 weeks	C
15	Samiha	220101601048	Role of Craft and Technology in Interior Architecture	8 weeks	C
16	Santhya Shree	220101601050	Role of Craft and Technology in Interior Architecture	8 weeks	C
17	Siddharth B	220101601057	Role of Craft and Technology in Interior Architecture	8 weeks	E
18	Sumayya Rafiudeen	220101601061	Role of Craft and Technology in Interior Architecture	8 weeks	D
19	Varsha	220101601066	Role of Craft and Technology in Interior Architecture	8 weeks	D
20	Yashashwini	220101601069	Role of Craft and Technology in Interior Architecture	8 weeks	C
21	Akshaya S	220101601003	Role of Craft and Technology in Interior Architecture	8 weeks	B
22	Atheena S George	220101601006	Role of Craft and Technology in Interior Architecture	8 weeks	C
23	Danish Mujtaba	220101601009	Role of Craft and	8 weeks	C

S. No.	Name of the Student & Programme	RRN	Name of the Course & Credit	Duration	Grade Obtained
			Technology in Interior Architecture		
24	Gokula Priya	220101601012	Role of Craft and Technology in Interior Architecture	8 weeks	E
25	Induja H	220101601015	Role of Craft and Technology in Interior Architecture	8 weeks	C
26	Mohamed Muaath Maricar	220101601024	Role of Craft and Technology in Interior Architecture	8 weeks	D
27	Mohammed Thaufeeq Omer	220101601029	Role of Craft and Technology in Interior Architecture	8 weeks	E
28	Mohideen Irfan V S H	220101601030	Role of Craft and Technology in Interior Architecture	8 weeks	C
29	Nithisha S	220101601036	Role of Craft and Technology in Interior Architecture	8 weeks	C
30	Pavithra G	220101601038	Role of Craft and Technology in Interior Architecture	8 weeks	C
31	Ramachandramoorthy K	220101601041	Role of Craft and Technology in Interior Architecture	8 weeks	E
32	Ramya Preethi K	220101601042	Role of Craft and Technology in Interior Architecture	8 weeks	B
33	Rithish B	220101601045	Role of Craft and Technology in Interior Architecture	8 weeks	E
34	Saganaa C R	220101601047	Role of Craft and Technology in Interior Architecture	8 weeks	E
35	Sana	220101601049	Role of Craft and Technology in Interior Architecture	8 weeks	C
36	Shaik Anisha Zia	220101601053	Role of Craft and Technology in Interior Architecture	8 weeks	B
37	Shri Ranjani S	220101601055	Role of Craft and Technology in Interior	8 weeks	C

S. No.	Name of the Student & Programme	RRN	Name of the Course & Credit	Duration	Grade Obtained
			Architecture		
38	Sowmiya B	220101601058	Role of Craft and Technology in Interior Architecture	8 weeks	B
39	Srikar	220101601059	Role of Craft and Technology in Interior Architecture	8 weeks	B
40	Sudharsan	220101601060	Role of Craft and Technology in Interior Architecture	8 weeks	E
41	Tajunnisha	220101601063	Role of Craft and Technology in Interior Architecture	8 weeks	C
42	Thejaswini J	220101601065	Role of Craft and Technology in Interior Architecture	8 weeks	B
43	Vinishaa I	220101601067	Role of Craft and Technology in Interior Architecture	8 weeks	D
44	Yogeshwaran C	220101601070	Role of Craft and Technology in Interior Architecture	8 weeks	D
45	Adnan Khan	221431601002	Role of Craft and Technology in Interior Architecture	8 weeks	D
46	Afraah Akram	221431601003	Role of Craft and Technology in Interior Architecture	8 weeks	C
47	Akshaya	221431601004	Role of Craft and Technology in Interior Architecture	8 weeks	B
48	Avanthika A	221431601006	Role of Craft and Technology in Interior Architecture	8 weeks	D
49	Ayyub Ahmed	221431601007	Role of Craft and Technology in Interior Architecture	8 weeks	E
50	Bhavadharini.V	221431601008	Role of Craft and Technology in Interior Architecture	8 weeks	C
51	Fouzia Parveen.W	221431601009	Role of Craft and Technology in Interior Architecture	8 weeks	C

S. No.	Name of the Student & Programme	RRN	Name of the Course & Credit	Duration	Grade Obtained
52	Jayasri T	221431601012	Role of Craft and Technology in Interior Architecture	8 weeks	C
53	Marya Ameen Mohshin	221431601013	Role of Craft and Technology in Interior Architecture	8 weeks	C
54	Nishi Carolin	221431601017	Role of Craft and Technology in Interior Architecture	8 weeks	D
55	Niveditha Sankari.M	221431601018	Role of Craft and Technology in Interior Architecture	8 weeks	E
56	Pooja Sri	221431601021	Role of Craft and Technology in Interior Architecture	8 weeks	D
57	Rahmath Mehnaz	221431601022	Role of Craft and Technology in Interior Architecture	8 weeks	D
58	Ruban Raj	221431601023	Role of Craft and Technology in Interior Architecture	8 weeks	D
59	Shafiq Ahamed	221431601024	Role of Craft and Technology in Interior Architecture	8 weeks	E
60	Shaheema Ayman M	221431601025	Role of Craft and Technology in Interior Architecture	8 weeks	B
61	Sharmila	221431601028	Role of Craft and Technology in Interior Architecture	8 weeks	E
62	Shrivardhini R S	221431601029	Role of Craft and Technology in Interior Architecture	8 weeks	C
63	Sweetha.S	221431601030	Role of Craft and Technology in Interior Architecture	8 weeks	D
64	Swetha. R	221431601031	Role of Craft and Technology in Interior Architecture	8 weeks	D
65	Syed Afrin	221431601032	Role of Craft and Technology in Interior Architecture	8 weeks	C
66	Yuvashree	221431601033	Role of Craft and	8 weeks	C

S. No.	Name of the Student & Programme	RRN	Name of the Course & Credit	Duration	Grade Obtained
			Technology in Interior Architecture		
67	Zainab Fathima.A	221431601034	Role of Craft and Technology in Interior Architecture	8 weeks	E

13. Developmental Activities of the department (for branding / knowledge dissemination etc.)

S.No	Details of Development Activity	Duration	Details of Faculty & Student Participation	Objective	Outcome
1	ArchiFest on 3rd May 2024	1 Day	All Faculty & Students of CSA	Organizational and Teamwork Skills	Knowledge dissemination
2	T-shirt Painting for Aspiring Candidates on 20th June 2024	1 Day	Aspiring students	To create awareness	Knowledge dissemination
3	AI & VR Workshop for Aspiring Candidates on 21st June 2024	1 Day	Aspiring students	To create awareness	Knowledge dissemination
4	City Tour for Aspiring Candidates on 22nd June 2024	1 Day	Aspiring students	To create awareness	Knowledge dissemination
5	Career Guidance Programme	1 Day	Aspiring students	To create awareness	Knowledge dissemination

14. Industry / Institute Collaboration

S. No.	Name & Detail of Industry	Type of Collaboration	Month & Year of commencement	Status	Outcome
1	Expert involvement in the conduct of Advanced Services courses in M.Arch (General) programme	Part of the course work was taught by Industry expert	July - December 2023	Completed	Students are being exposed to various advanced level building services in Industry
2	Expert involvement in the conduct of Performance Evaluation course in M.Arch (General) programme	Part of the course was covered in the Workshop	July - December 2023	Completed	Students are being exposed to various advanced energy oriented design softwares
3	Expert involvement in the conduct of regular Intermediate reviews	Discussion with Practicing External Architects as part of the Regular Architectural Design Studio	Ongoing	Ongoing	Students get exposed to practical details of the ongoing project.
4	Expert involvement in the conduct of Semester End Viva voce Examination.	External Practicing Architects are involved in the	Ongoing	Ongoing	Students get exposed To current industry developments

		marking of the Semester End Viva voce examination.			
5	Expert involvement in BIM workshop	External expert member is involved	Completed	Completed	Students got exposed to major software development in the industry

15. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants			Outcome
			Faculty	Students	Others	
1.	Club Activities- Media Club	Club Activities	25	3	-	Co-curricular development for students
2.	Club Activities- performing arts Club- Motta Madi performance	Club	16	3	-	Co-curricular development for students
3.	Club Activities- social outreach Club Visit to TGS Ashram for underprivileged kids	Club	34	3	-	Co-curricular development for students
4.	Club Activities-Pop-up stall	Club	16	Students of all clubs	-	Co-curricular development for students
5.	Club Activities- Music band 2.0	Club	25	2	-	Co-curricular development for students
6.	Cookery club	Club	26	3	-	Co-curricular development for students

16. Extension Activity Conducted

S.No	Type of Extension Activity	Details of Participants			Details of Beneficiaries	Programme Duration	Outcome
		Faculty	Student	Others			
1.	Design Festo	All faculty of CSA	Students	3 days	All faculty & Students of CSA	3 days	The students learnt about team play, coordination
2.	Food festo	All faculty of CSA	Students	1 day	All faculty & Students of CSA	1 day	The students learnt about team play, coordination
3.	Guest Lectures	All faculty of CSA	Students	1 Day	All faculty & Students of CSA	1 Day	Industry exposure
4.	Teacher's Day Celebrations	All faculty of CSA	Students	1 day	All faculty & Students of CSA	1 day	Re-imbining the moral values

17. Important Visitors

S.No.	Name of the Visitor	Details of Visit (Date/Duration & Purpose)	Outcome
1	Sathyabhama School of Building & Environment , Sathyabama Institute of Science & Technology	Case study visit to CSA	Interaction between other college students and CSA students
2	Saveetha School of Architecture & Design, Chennai	Case study visit to CSA	Interaction between other college students and CSA students
3	Measi Academy of Architecture, Chennai	Case study visit to CSA	Interaction between other college students and CSA students
4	Meenakshi school of Architecture, Chennai	Case study visit to CSA	Interaction between other college students and CSA students
5	School of Architecture, Jadavpur University, Kolkatta	Case study visit to CSA	Interaction between other college students and CSA students

18. Any other Academic Relevant Information

- In the 2023 Approval process of Council of Architecture, Crescent school of Architecture was the **only Educational Institute to have been awarded with the approval of 3 years.**
The approval was based on the following parameters:

Form – A Qualitative Evaluation
Form – B Quantitative Evaluation
- Crescent school of Architecture was designed with state of the art facilities. As the winner of the international architecture award, Archdaily Building of Year 2020 in educational category, the building is frequently visited by many architecture students from various colleges and universities across the world, to study about the building's innovative design features and to incorporate its pioneering renditions in their own design.

CRESCENT SCHOOL OF BUSINESS

CRESCENT SCHOOL OF BUSINESS

1. Value Added Programmes Offered

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	Data analysis and presenting project	18.05.2024 – 23.05.2024	40	NA	183	-	-

2. Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	Design Thinking	29.11.2023	3 Hours	School of Design Thinking	17	-	-

3. Details of Field visits/Industrial visits organized by the department

S.No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	MBA	1	IEV	17	Mr.R.Venkatesh	SFP and Sons	25.08.2023 (Half a day)
Outcome of the Visit: Industry Exposure							
2.	MBA	1 & 3	IEV	34	Mr.R.Venkatesh	IITM Research Park	13.09.2023 (Half a day)
Outcome of the Visit: Industry Exposure							
3	MBA	1 & 3	IEV	34	Mr.R.Venkatesh	Spendflo	19.12.2023 (Half a day)
Outcome of the Visit: Industry Exposure							

4. Conferences / FDP / Seminars / Workshops Organized by the department

S.No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Data Analysis Techniques for	ATAL FDP	03.01.2024 – 10.01.2024	AICTE - ATAL	15	-	35	-

	Qualitative and Quantitative Research							
Details of Keynote Speakers : (i) Dr.Jayanth Jacob, Professor, Anna University (ii) Dr.Srinivas, Assistant Professor, Christ University (iii) Dr.R.Ramakrishnan, Associate Professor, Vivekananda College (iv) Dr.Mohammed K.Jasim, Assistant Professor, VIT, Vellore								
2.	Entrepreneurship Awareness Drive	Conference	30.10.2023	-	-	-	-	500
Details of Keynote Speakers : (i) Mr. C K Kumaravel, CEO, Naturals Spa (ii) Mr. Rajiv Ramanan, Founder, Spendflo								

5. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1	ATAL FDP on "Data analysis techniques for qualitative and quantitative research"	Rs.3,50,000/-	AICTE ATAL Academy

6. Conferences / FDP / Seminars / Workshops Attended by faculty

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1	Dr. Haider Yasmeen	Deep Diving in Finland Education System	International Training Program	21.09.2023 – 25.09.2023	R&C-Ology Tech School
2	Dr.S.Panboli	SEM and CFA using AMOS	International Online Workshop	28.04.2024 – 01.05.2021	Institute for Statistics and Analytical Research
3	Dr.S.Panboli	Mastering E-Content Development	National level Faculty Development Programme	28.02.2024 – 07.03.2024	CDOE, BSACIST
4	Dr.S.Panboli	Navigating the Transition: From BRR to BRSR - Understanding the changing ESG reporting landscape	Webinar	24.11.2023	National Institute of Securities Markets (NISM)
5	Dr.S.Panboli	Skills for Personality Development	Webinar	23.11.2023	CDOE, BSACIST
6	Dr.S.Panboli	How to improve your article acceptance rate and Publish	International Webinar	31.07.2023	Faculty of Management, SRMIST, Kattankulathur
7	Dr.J.Hemalatha	Mastering E-content Development	FDP	28.02.2024 – 07.03.2024	CDOE, BSACIST

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
8	Dr.T.Rocky Devi	Mastering E-content Development	FDP	28.02.2024 – 07.03.2024	CDOE, BSACIST
9	Dr.T.Rocky Devi	Data Analysis Techniques for qualitative and quantitative research	ATAL FDP	03.01.2024 – 10.01.2024	CSB, BSACIST and AICTE ATAL Academy
10	Dr.H.Moideen Batcha	Startup Support, Innovation, & Entrepreneurship in Educational Institution	FDP	19.10.2023	Saveetha College of Liberal Arts and Science
11	Dr.H.Moideen Batcha	Data Analysis Techniques for qualitative and quantitative research	ATAL FDP	03.01.2024 – 10.01.2024	CSB, BSACIST and AICTE ATAL Academy
12	Dr.S.Prasanna	Data Analysis Techniques for qualitative and quantitative research	ATAL FDP	03.01.2024 – 10.01.2024	CSB, BSACIST and AICTE ATAL Academy
13	Dr.S.Prasanna	The Impact of job control on employee identity in remote work:a gender perspective	GISDSI Global	26.12.2023 – 29.12.2023	IIM, Ranchi
14	Dr.S.Prasanna	FIP for "Faculty in Universities/colleges/institute of higher education"	Refresher Programme	20.09.2023 – 19.10.2023	Teaching Learning Centre Ramanujam College, University of Delhi
15	Dr.S.Saravanan	Data Analysis Techniques for qualitative and quantitative research	ATAL FDP	03.01.2024 – 10.01.2024	CSB, BSACIST and AICTE ATAL Academy
16	Dr.R.Priya	Data Analysis Techniques for qualitative and quantitative research	ATAL FDP	03.01.2024 – 10.01.2024	CSB, BSACIST and AICTE ATAL Academy
17	Dr.R.Priya	Mastering E content Development	FDP	26.02.2024 – 05.03.2024	CDOE, BSACIST
18	Dr.R.Priya	Writing Proposal for Funded Project	Workshop	-	Global Institute of Statistical Solutions
19	Dr.R.Priya	Tactful techniques to enhance article writing	Webinar	20.09.2023	GRABS Educational Charitable Trust and Tamilnadu Association of Intellectuals and Faculty
20	Dr.Joseph Mary Rahila	Data Analysis Techniques for qualitative and quantitative research	ATAL FDP	03.01.2024 – 10.01.2024	CSB, BSACIST and AICTE ATAL Academy

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
21	Dr. Joseph Mary Rahila	Creative Teaching Techniques	FDP	1.11.2023	LIBA
22	Dr. Joseph Mary Rahila	Academic research and data analysis using SPSS and AMOS	STTP	09.10.2023 – 15.10.2023	BSACIST
23	Dr. Joseph Mary Rahila	Innovative teaching practices in higher education	Workshop	13.09.2023 – 14.09.2023	BSACIST
24	Dr. Ritu Gangil	Data Analysis Techniques for qualitative and quantitative research	ATAL FDP	03.01.2024 – 10.01.2024	CSB, BSACIST and AICTE ATAL Academy
25	Dr. Ritu Gangil	Mastering E content Development	FDP	28.02.2024 – 07.03.2024	CDOE, BSACIST
26	Dr. S. Bhuvaneswari	Research Methodology	Workshop	12.06.2024 – 16.06.2024	Global Institute of Statistical Solutions
27	Dr. S. Bhuvaneswari	Data analysis using google sheets and AI Tools	Workshop	22.06.2024	ISAR - Institute of Statistical Analysis and Research
28	Dr. S. Bhuvaneswari	Data Analytics in Business Decision Making	Webinar	04.10.2024	Association of Indian Management Schools
29	Dr. S. Bhuvaneswari	Emotional Resilience - A Threshold Competency at the Workplace	Webinar	22.09.2023	Association of Indian Management Schools
30	Dr. S. Bhuvaneswari	NACC procedural workshop	Workshop	12.08.2023 – 03.10.2023	NAAC
31	Dr. S. Bhuvaneswari	International FDP	FDP	25.09.2023 – 29.09.2023	Joseph's Academy of Soft Skills (JASS)
32	Dr. S. Bhuvaneswari	Mastering E content Development	FDP	28.02.2024 – 07.03.2024	CDOE, BSACIST
33	Dr. S. Bhuvaneswari	Data Analysis Techniques for qualitative and quantitative research	ATAL FDP	03.01.2024 – 10.01.2024	CSB, BSACIST and AICTE ATAL Academy
34	Dr. Syed Azamussan	Mastering E content Development	FDP	28.02.2024 – 07.03.2024	CDOE, BSACIST
35	Dr. Syed Azamussan	Covariance-Based Structural Equation Modeling using SmartPLS4	Seminar	30.01.2024	Bahçeşehir Cyprus University in North Cyprus

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
36	Dr.Joshua Daniel Egan	Data Analysis Techniques for qualitative and quantitative research	ATAL FDP	03.01.2024 – 10.01.2024	CSB, BSACIST and AICTE ATAL Academy
37	Dr.S.M.Wasiullah	Innovative Teaching Practice in Higher Education	Workshop	13.09.2023 – 14.09.2023	CITL and BSACIST
38	Dr.S.M.Wasiullah	Question Paper Setting and Evaluation for OBE	Workshop	06.11.2023	BSACIST
39	Dr.S.M.Wasiullah	Training on Data Analysis using Python	FDP	4.12.2023 – 8.12.2023	IIT Roorki, Edulakes and NSS
40	Dr.S.Uma	Faculty Induction/Orientation Programme	FDP	21.08.2023 – 19.09.2023	TLC Ramanujam College University of Delhi
41	Dr.S.Uma	Psychological Skills for Teaching and Learning	FDP	10.10.2023 – 16.10.2023	TLC Ramanujam College University of Delhi
42	Dr.S.Uma	Innovative Teaching and Learning Pedagogies	FDP	4.10.2023 – 11.10.2023	Sathyabama Institute of Science and Technology
43	Dr.S.Uma	Mastering E-Content Development	FDP	28.02.2024 – 07.03.2024	Centre for Distance and Online Education, BSACIST
44	Dr.S.Uma	Finance & Tax Literacy Program	Certificate Course	15.01.2024 – 14.03.2024	TLC Ramanujam College University of Delhi Taxo academy , Indian Accounting Association – NCR Chapter
45	Dr.S.Uma	Entrepreneurship and Innovation Management	FDP	24.06.2024 – 28.06.2024	DSCASC, Bengaluru and CMAOI Association

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
46	Dr.S.Uma	Quantitative data analysis using SPSS with interpretation and writing research article with AI	FDP	14.06.2024 – 21.06.2024	SINDHI COLLEGE, Bengaluru, Karnataka, India In Association with PRIMAX FOUNDATION
47	Mr.R.Venkatesh	Startup India - The opportunities and excitement	Industry Expert Session	04.09.2023	MMA
48	Mr.R.Venkatesh	EDII TN Master Trainers' Training	Training Session	10.10.2023 – 11.10.2023	EDII TN
49	Mr.R.Venkatesh	National Level FDP on Personality Development for Teachers	FDP	05.10.2023 – 13.10.2023	IOT Academy
50	Mr.R.Venkatesh	Workshop on Unleashing Your Writing Superpowers: Mastering the Art of World building	Workshop	12.01.2024	AIMA
51	Mr.R.Venkatesh	National Conclave on Design Thinking for Academic Leaders	Conference	27.03.2024	School of Design Thinking
52	Mr.R.Venkatesh	Bharat D 2 C Meet up	Conference	16.04.2024	SMB Connect & THE RISE

**7. Papers Published/ Presented in Journals & Conferences (Total Numbers Only)
(July 2023-June 2024)**

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
6	-	11	-	-	-	8	8	33

8. Details (list)of Publication in National & International Journals &Conferences: (IEEE Format)

**International Journal & National Journal
h) SCI/Scopus Indexed Journal**

1. S. Prasanna; V. Mariappan; K.A. Asraar Ahmed & V.S. Damodharan. "The security environment in Indian commercial banks: an employee's information security behaviour perspective", International Journal of Business Innovation and Research, vol.34, no.2, pp. 277-298, 2024. (SJRI – 0.317)
2. Yeboah, S.T., Haider, Y. and Amoako. G. "Buyer-seller interactions and customer satisfaction – the moderating role of COVID-19 protocols: a study of small apparel fashion enterprises in the regional

- shopping malls in Ghana", *African Journal of Economic and Management Studies*, vol. 14, no. 3, pp.432-456, 2023. (SJR – 0.401)
3. S.Sharmeen Mehak and H.Moideen Batcha. "Analyzing the influence of green human resource practices on organizational sustainability: the role of green attitudes and performance of employees", *Environment Development and Sustainability*, vol.26, no.6, 1387585X, 2023. (SJR – 0.889)
 4. JT Jacob, D. Asokk, & S. Prasanna. "Impact of academic support on student's intrinsic motivation: a transition economic perspective", *International Journal of Education Economics and Development*, vol.14, no.4, pp.449-464, 2023. (SJR – 0.178)
 5. Nisha Pradeep S.P, Asokk D, Prasanna S, & Ansari.Sarwar Alam. "Investigating chatbot users' e-satisfaction and patronage intention through social presence and flow: Indian online travel agencies (OTAs)", *Journal of Systems and Information Technology*, vol.26, no.1, pp. 89-114, 2023. (SJR – 0.603)
 6. S.Saravanan & R.Satish. "Perception on Investing in Stocks with ESG Relevance: A Descriptive View on Influence of Key Demographic Variables and Risk Profiling of Investors", *EAI endorsed transactions on energy web*, vol.10, pp.1-7, 2023. (SJR – 0.234)
 7. A.Mathiazhagan, S.K.Nagarajan , S. Rafiya Banu & S. Uma, "Exploring The Role Of Team Dynamics In Workplace Incivility: An Integrated Model In The Health Care Sector In Chennai, Tamil Nadu", *Journal of Research Administration*, vol.5, no.2, 2023 (SJR – 0.177)
 8. A.Mathiazhagan, S.K.Nagarajan , S. Uma & S. Rafiya Banu, "Factors influencing job performance of Indian IT employees: The mediating role of job satisfaction", *Tuijin Jishu/Journal of Propulsion Technology*, vol.44, no.4, 2023 (SJR – 0.353)

i) Other journals

1. E.T. Evangelne and H. Moideen Batcha "A study on effects of workload on employee turnover intention and job stress-a great resignation effect", *Education and Society*, vol.47, no.1, pp. 128-132, 2024.
2. S.Saravanan & R.Satish. "A study on performance of POWER BI in data visualization of an organization", *Yugato*, vol.76, no.1, 2024.
3. Joseph Mary Rahila, "Parents perception towards cognitive learning behaviour of their children while using smart class technologies", *International Journal of Cultural Studies and Social Sciences*, vol.20, no.1, pp. 2347-4777, 2024
4. Rafiya Banu, S. Jayakani & S.Uma, "Analysis of a young Polish firm's use of Green HRM practices with the purpose of achieving sustainable business development", *International Journal of Multidisciplinary Research in Arts, Science and Technology*, vol.2, no.3, 2024
5. S. Jayakani, S. Rafiya Banu, S. Uma, Maria Fastina & M.V. Rebeca Angeline, "Challenges and paradoxes in modern human resource management and its role in building sustainable enterprises", *International Journal of Multidisciplinary Research in Arts, Science and Technology*, vol.2, no.4, 2024
6. S.Saravanan & R.Satish. "ESG Parameters an indicator for Financial performance: An empirical study on stock listed in NIFTY", *Migration Letters*, vol.21, no.SI, pp. 773-782, 2024
7. S.Sharmeen Mehak and H.Moideen Batcha. "Exploring the antecedents of motivation on employee performance in the leather industry in South India", *Interdisciplinary Journal of Management Studies*, 2023.
8. Shindhuja J, Shanmugam M, Syed Azamussan, "A Longitudinal Study on the Firms' Financial Performance Stability: A Cluster Analysis Approach", *Empirical Economics Letters*, vol.22, no.SI, pp. 1681-8997, 2023

International Conference& National Conference: e)Conference with ISBN Proceedings

1. S. Panboli, "Integrating Environmental, Social and Governance (ESG) factors into Investment Decision – Making", in the National Conference on Effects of stock market and mutual funds on Indian Economy, March 2024, pp. 291-295.
2. Priya R. & Joshua Daniel Egan L, "The Pursuit of Happiness: Investigating Psychological Welfare Strategies", in the National Conference on Effects of stock market and mutual funds on Indian Economy, March 2024, pp. 291-295.
3. Bhuvaneswari. S, "Exploring the remote international labour market with special reference to the working woman", in the National Conference on Effects of stock market and mutual funds on Indian Economy, March 2024, pp. 287.
4. S. Prasanna, "Factors Influencing Adoption of Digital Platforms for Mutual Fund Investment with Special Reference to GENZ Investor", in the National Conference on Effects of stock market and mutual funds on Indian Economy, March 2024.
5. S. Prasanna, "Impact of online reviews on customer's purchase intention on customised product", in the International Conference on Digital Transformation in commerce & Management, February 2024, pp.148.
6. S. Prasanna, "The Impact of job control on employee identity in remote work: a gender perspective", in the ISDSI-Global Conference 2023, December 2023.
7. S.Saravanan, "A study on Content Management System on B2B and B2C websites", in the International conference on communication and signal processing, April 2024.
8. S.Saravanan & N.V.Ramachandran, "Street Hawkers perception towards the usage of payment apps", in the International Conference on Digital Transformation in Commerce and Management, February 2024.
9. S.S.Anugraha & S.Saravanan, "Modelling the impact of marketing mix", in the International Conference on Artificial intelligence driven business, December 2023.
10. Joseph Mary Rahila, "Leveraging data and analytics to generate consumer", in the 4th International Conference on Marketing Management (ICMM 2023), December 2023.
11. Joseph Mary Rahila, "Understanding the psychological benefits in organic cosmetics", in the International Conference on Marketing Research 2024-ICMR 24, March 2024
12. Joseph Mary Rahila, "Consumerism based on theory of perceived behaviour", in the International Conference on Emerging trends and technological innovations in Commerce and Management IC-ETTICOM 2024, January 2024
13. Kumar, S.G, Azamussan, S. Gangil, R., "A Comparative Study on Performance Analysis of Select Mutual Fund Equity Schemes in India", in the National Conference on Effects of Stock Market and Mutual Funds on Indian Economy, March 2024.
14. Gangil, R., Azamussan, S. Arvind, V., "Factors Influencing Investment Decisions in Capital Market: A Study of Individual Investors in Chennai", in the National Conference on Effects of Stock Market and Mutual Funds on Indian Economy, March 2024.
15. S M Wasiullah, "Charting the Future of Nejoconomics in the light of Prof. Nejatullah Siddiqui's Literary Legacy", in the International Conference on Contributions of Prof. Nejatullah Siddiqi in Islamic Economics, April 2024
16. S M Wasiullah, H. Abdur Raqeeb, "SDGs and Islamic Finance - Role and Opportunities for Indian Muslims in National Sustainable Development Agenda", in the International Conference on Global Conclave on Sustainable Development Goals: Progress, Challenges and Way Forward, March 2024.
17. G.Suganya & S.Uma, "Digital Assistant Intention Usage among students", in the International Conference on Artificial Intelligence Adoption and Application in Business, January 2024.

9. Book(s) Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Name of the Publisher, country& Month of publication
1	Serenita Joy Anand and J. Hemalatha	AI and chatbots in the e-tail industry: research evidence in "Beyond boundaries: Research in Humanities, Social Sciences, Commerce and Management – Volume 1"	Bhumi Publishing, India
2	Dr.H. Moideen Batcha	Promoting online safety: The government's role in combating cyber harassment and cybercrime through social media platforms	IGI Global Information Science Reference (an imprint of IGI Global) 701 E. Chocolate Avenue Hershey PA, USA 17033, 2023
3	Dr. Priya R. & Dr. Syed Azamussan	Government Schemes and Policies for Girl Children and Women in Women Empowerment in Nation Building	Shanlax Publications, October 2023
4	Dr.S.Saravanan	Content Analysis for Qualitative Data in Basics of Research Methodology	EDU Pub and ICSSR, New Delhi, June 2024.
5	Dr.Joseph Mary Rahila	Destination image and customer loyalty in medical tourism	Grin Publishing, December 2023
6	Dr.S.Bhuvaneswari	Human Resource Development	IDE- TNOU, August 2023
7	Dr.S.Bhuvaneswari	Fundamentals of Entrepreneurship	LAMBERT Academic Publishing, United Kingdom, June 2024
8	Dr.S.Uma	Employee Empowerment and its effect on productivity in knowledge based industries in Exploring Intersections: Multidisciplinary Perspectives in research	Red Unicorn Publishing Pvt. Ltd., April 2024
9	R. Venkatesh	Branding - Should Startups Care About It in Recent Trends in Management and Commerce	IOT Academy Publishers, Coimbatore, June 2024

10. Details of Impact Factor of the Publication and H-Index of the department

T) Range - 0.177- 0.889
 U) Average - 0.468
 V) H-Index - 4
 W) No. In Scopus - 8

11. International Visits by Faculty / Students

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country	Purpose	Period
1	Dr.H.Moideen Batcha	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
2	Dr. Joseph Mary Rahila	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
3	Aamina Yumnaa A.U	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
4	Aishwarya	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country	Purpose	Period
5	M.S. Shafiq Basha	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
6	Mohammed Abid	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
7	Muhammed Midhlaj.B.C	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
8	Neha Sameer	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
9	Ram Mohan S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
10	Sajjad Sakeer Hussain	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
11	Sanjaykumar N	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
12	Shana Aboobacker	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
13	Sikkandar Basith S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
14	Srinivas.I	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
15	Sunny George.S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
16	V. Sankaran	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
17	Wasim Akram	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
18	Aarthi D	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
19	Akshai Kumar	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
20	Anish Baig K	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
21	Berin Raja.S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
22	G.Akshaya	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
23	Gilna M	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
24	Karthiga. R	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
25	Kavya D	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
26	Keerthi Naathan H	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
27	Maria Sheeba A	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
28	K.Mohamed Dawood Hafil	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
29	Mohamad Farhan	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
30	Namitha P.K	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
31	Nithish Kumar	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country	Purpose	Period
32	Ponvijayaraj.E	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
33	Siva Saravanan	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
34	Thamjeeda C.H	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
35	Vasanth M	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
36	Vishal S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
37	Yuvasree T	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
38	Aravind.R	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
39	Franklin Williams. E	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
40	Kowsik	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
41	Mohamed Abdullah M	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
42	Mohamed Saif Sait A	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
43	Obedh Samuel	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
44	S. Mohammed Yasin	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
45	Sundaradevan R	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
46	Vignesh P	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
47	Balasubramanian C	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
48	Bhalaji. N	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
49	Dharmar.S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
50	Jinashruthi R	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
51	Lingesh Kumar J	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
52	Muhammad Razi M	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
53	Rajesh P	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
54	Srinikha.S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
55	Subalakshmi G	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
56	Abisaran S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
57	Karthick.J	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
58	Agasthiyan P	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
59	Ahamed Baseel S I	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country	Purpose	Period
60	Anas P	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
61	Bala Ganesh S B	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
62	Gokula Krishnan M	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
63	Harish Narayanan.S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
64	Lalitha L	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
65	Magesh.S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
66	Maryam Mohamed Anas	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
67	Mohamed Ashper	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
68	Mohamed Shafi	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
69	Mohamed Sharuf	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
70	Mohammed Ashkar S	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
71	Nisha V	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
72	R Arunthamil	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
73	Radhika K	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
74	Rohit Umasanker	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
75	Rubiyathul Fargana	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
76	Syed Anwar J	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
77	Vijay Chandar Ravichandran	National University of Singapore	Singapore	Educational Trip	21.07.2023 – 27.07.2023
Outcome: Exposure to a world-class academic institution,					

12. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr.R.Priya	Discipline Star in Management	NPTEL	December, 2023
2	Dr.R.Priya	NPTEL - Enthusiasts star	NPTEL	May, 2024
3	Dr.R.Priya	NPTEL - Believers star	NPTEL	May, 2024
4	Dr.S.Bhuvaneshwari	Discipline Star in Management	NPTEL	April, 2024

13.Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1	Dr.S.Panboli	Behavioural and Personal Finance	NPTEL	January - March 2024
2	Dr.J.Hemalatha	Brand Management	NPTEL	July – September 2023
3	Dr.T.Rocky Devi	Psychology of Everyday	NPTEL	August – September 2023
4	Dr.T.Rocky Devi	Organizational Behaviour	NPTEL	July – October 2023
5	Dr.S.Prasanna	Multivariate Procedure with R	NPTEL	January – April 2024
6	Dr.S.Prasanna	Investment Management	NPTEL	February – April 2024
7	Dr.R.Priya	Strategic Management for Competitive Advantage	NPTEL	July – October 2023
8	Dr.R.Priya	Management Information System	NPTEL	July – October2023
9	Dr.R.Priya	Principles of Management	NPTEL	January – April 2024
10	Dr.R.Priya	Leadership and Team effectiveness	NPTEL	January – April 2024
11	Dr.R.Priya	Patent Drafting for Beginners	NPTEL	January – February 2024
12	Dr.R.Priya	Innovation by Design	NPTEL	January – February 2024
13	Dr.R.Priya	Roadmap for Patent Creation	NPTEL	January - March 2024
14	Dr.Ritu Gangil	Management Accounting	NPTEL	July – October2023
15	Dr.Ritu Gangil	Financial Management for Managers	NPTEL	January – April 2024
16	Dr.S.Bhuvaneswari	Data Analysis for Decision-Making -1	NPTEL	July – October2023
17	Dr.S.Bhuvaneswari	Strategic Management for Competitive Advantage	NPTEL	July – October2023

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
18	Dr.S.Bhuvaneswari	Management Information System	NPTEL	July – October2023
19	Dr.S.Bhuvaneswari	Leadership and Team effectiveness	NPTEL	January – April 2024
20	Dr.S.Bhuvaneswari	Principles of Management	NPTEL	January – April 2024
21	Dr.S.M.Wasiullah	Financial Management for Managers	NPTEL	January – April 2024

14. Achievements of Students

S. No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Sumaiya Zainab J., Yashara Nafeela P	230292601182 230292601189	Cash prize of Rs.2,000/- for the event "Get Caught or Get Out"	Amrita School of Business	February, 2024
2	Afrin Fathima P., Ashik Abdullah S., Mohamed Zakria Z	230292601068 230292601072 230292601096	cash prize of Rs.5,000/- for the event "Finalgo"	Loyola Institute of Business Administration (LIBA), Chennai	February, 2024

15. Details of credit transfer through NPTEL/Swayam/MOOC courses

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1	Aamina Yumnnaa A.U	220292601001	E - Business	3	B
2	Akash S	220292601005	E - Business	3	C
3	Anu Vaishnavi	220292601007	E - Business	3	D
4	Asmath Mohammed N	220292601010	E - Business	3	C
5	N.Bharath Kumar	220292601013	E - Business	3	C
6	Charumathi J B	220292601014	E - Business	3	C
7	Farvesh F	220292601015	E - Business	3	C
8	Fathimathul Fabeena C	220292601016	E - Business	3	C

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
9	Iqias Shayan K	220292601018	E - Business	3	B
10	D.Janani	220292601019	E - Business	3	B
11	Kausshik.J	220292601021	E - Business	3	E
12	Kavitha	220292601022	E - Business	3	C
13	R.Kokilasri	220292601023	E - Business	3	D
14	Kumaran M	220292601024	E - Business	3	C
15	V. Logesh	220292601025	E - Business	3	B
16	Manova Immanuel M	220292601027	E - Business	3	C
17	Mohamed Irshad	220292601030	E - Business	3	C
18	Mohamed Mujahith Muslim M	220292601031	E - Business	3	C
19	Mohamed Rasith	220292601032	E - Business	3	C
20	Mohamed Salahudeen M.N	220292601033	E - Business	3	D
21	M.H.Mohammed Mushtaq	220292601035	E - Business	3	C
22	Muhammed Midhlaj Bc	220292601037	E - Business	3	B
23	Neha Sameer	220292601039	E - Business	3	A
24	Prathana B	220292601042	E - Business	3	C
25	Priyadarshini	220292601043	E - Business	3	C
26	Ram Mohan S	220292601044	E - Business	3	A
27	Ramya J	220292601045	E - Business	3	C
28	Sajjad Sakeer Hussain	220292601046	E - Business	3	D

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
29	Sanjaykumar N	220292601047	E - Business	3	C
30	M.S. Shafiq Basha	220292601049	E - Business	3	C
31	Shana Aboobacker	220292601050	E - Business	3	A
32	Sifa Asbini.S	220292601053	E - Business	3	C
33	Sikkandar Basith S	220292601054	E - Business	3	D
34	Srinivas I	220292601056	E - Business	3	C
35	Syed Suhana Irfana	220292601058	E - Business	3	B
36	Tejaswini P H	220292601059	E - Business	3	C
37	Thamimul Ansari Vasim Raza Km	220292601060	E - Business	3	C
38	Wasim Akram	220292601064	E - Business	3	D
39	Sudarsan N	210292601097	E - Business	3	C
40	Aarthi D	220292601065	E - Business	3	C
41	Abilash N	220292601066	E - Business	3	C
42	Akshai Kumar	220292601068	E - Business	3	C
43	G.Akshaya	220292601069	E - Business	3	C
44	Berin Raja.S	220292601073	E - Business	3	D
45	Bharathi Jannet J	220292601074	E - Business	3	C
46	Franklin Ajay M	220292601076	E - Business	3	D
47	T Jayavanthini	220292601079	E - Business	3	C
48	Karthiga Rajaram	220292601082	E - Business	3	C

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
49	Kavya.D.	220292601083	E - Business	3	C
50	Keerthi Naathan H	220292601084	E - Business	3	A
51	Kothai Vaishnavi.C.T.	220292601085	E - Business	3	C
52	Kumaran.S	220292601086	E - Business	3	C
53	Maria Sheeba A	220292601088	E - Business	3	S
54	Mohamed Ismail S	220292601092	E - Business	3	C
55	Mohamed Riyaz H	220292601094	E - Business	3	B
56	Mohammed Afeef K P K	220292601096	E - Business	3	A
57	U Mohammed Hidayathullah	220292601097	E - Business	3	D
58	Mohammed Yahya M	220292601098	E - Business	3	B
59	A. Muhamed Muzamil	220292601099	E - Business	3	C
60	Namitha P K	220292601100	E - Business	3	C
61	S.Prasanthasai	220292601104	E - Business	3	B
62	Pricilla.R	220292601105	E - Business	3	S
63	Rabiya S A Bhaimia	220292601106	E - Business	3	B
64	Salmaan Ms Bhaimia	220292601108	E - Business	3	D
65	L. Sanjana	220292601109	E - Business	3	A
66	Shayed Ibrahim M	220292601112	E - Business	3	D
67	Sheerin Farhana M.S.	220292601113	E - Business	3	C
68	S.Siva Saravanan	220292601114	E - Business	3	D

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
69	Sowmiya G	220292601115	E - Business	3	C
70	Srinithi S	220292601116	E - Business	3	C
71	Syed Ahamed Ali S	220292601119	E - Business	3	C
72	Tamil Selvan M	220292601120	E - Business	3	B
73	Vasanth	220292601123	E - Business	3	B
74	Arshad Abdul Khader Pk	220292601133	E - Business	3	B
75	Balasubramanian C	220292601134	E - Business	3	B
76	Bhuvaneswari G.K	220292601136	E - Business	3	C
77	Dharmar.S	220292601137	E - Business	3	C
78	Fathimathul Hiba C	220292601138	E - Business	3	B
79	Franklin Williams. E	220292601139	E - Business	3	C
80	Jesinth Anand D	220292601143	E - Business	3	C
81	Jinashruthi R	220292601144	E - Business	3	D
82	Kiruthiga.A	220292601146	E - Business	3	C
83	Madhu Bala K	220292601149	E - Business	3	D
84	Manoj Kumar.R	220292601150	E - Business	3	C
85	Mariyam M.I	220292601151	E - Business	3	B
86	Mohamed Abdullah M	220292601152	E - Business	3	C
87	Mohamed Halideen	220292601153	E - Business	3	C
88	Mohamed Khizar K	220292601154	E - Business	3	B

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
89	Mohamed Nazeem	220292601155	E - Business	3	B
90	Mohamed Saif Sait A	220292601156	E - Business	3	A
91	Mohamed Suhail.H	220292601157	E - Business	3	C
92	Mohamed Irshad N	220292601158	E - Business	3	D
93	S.Mohammed Yasin	220292601159	E - Business	3	C
94	Mohanakrishnan.T	220292601160	E - Business	3	C
95	Nasheeta N	220292601162	E - Business	3	C
96	Obedh Samuel C S	220292601163	E - Business	3	C
97	P. Hithavarsha	220292601164	E - Business	3	B
98	Pradeep.K	220292601165	E - Business	3	C
99	Priya Dharshini S	220292601166	E - Business	3	C
100	Rajesh P	220292601167	E - Business	3	C
101	Rakhshana N	220292601168	E - Business	3	B
102	Saisanthosh	220292601169	E - Business	3	C
103	Salmankhan L	220292601170	E - Business	3	C
104	Serenita Joy Anand	220292601171	E - Business	3	A
105	Shakeel Ahamed.A	220292601173	E - Business	3	C
106	Shirley Sona Mary P	220292601174	E - Business	3	C
107	Sivaraman.V	220292601176	E - Business	3	C
108	Srinikha S	220292601178	E - Business	3	B

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
109	Subalakshmi G	220292601179	E - Business	3	B
110	Thiruvarasan	220292601182	E - Business	3	C
111	Thiviyasri A	220292601183	E - Business	3	C
112	Vignesh P	220292601184	E - Business	3	B
113	R. Vimala Roshini	220292601185	E - Business	3	C
114	Vishva S	220292601186	E - Business	3	C
115	Aishwarya V	220292601004	E - Business	3	C
116	Fuzail Ahamed L	220292601017	E - Business	3	C
117	Mohamed Ashik	220292601028	E - Business	3	C
118	Mohamed Fatha	220292601029	E - Business	3	C
119	Mohanaah G	220292601036	E - Business	3	C
120	Naveen Kumar C	220292601038	E - Business	3	E
121	Parwaz Mohamed K	220292601040	E - Business	3	B
122	Sankaran	220292601048	E - Business	3	C
123	Shariq Ahmed M	220292601052	E - Business	3	C
124	Srinisha R	220292601055	E - Business	3	C
125	Umair Saqib C	220292601062	E - Business	3	B
126	Vignesh S	220292601063	E - Business	3	A
127	Aburar M	220292601067	E - Business	3	C
128	Arsath Ahamed S	220292601071	E - Business	3	A

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
129	Balamurugavel	220292601072	E - Business	3	A
130	Deepak K	220292601075	E - Business	3	B
131	Gilna M	220292601077	E - Business	3	C
132	Jeffray J.J	220292601080	E - Business	3	B
133	Kalaikumaran R	220292601081	E - Business	3	C
134	Mahmood Nafees Ali J	220292601087	E - Business	3	C
135	Mohamed Dawood Hafil K	220292601090	E - Business	3	B
136	Mohamed Farhan A	220292601091	E - Business	3	A
137	Mohamed Nawfal Khan T.A.	220292601093	E - Business	3	B
138	Mohamed Sheik Alavudeen B	220292601095	E - Business	3	C
139	Nickila J	220292601101	E - Business	3	B
140	Nithish Kumar K	220292601102	E - Business	3	C
141	Ponvijayaraj E	220292601103	E - Business	3	B
142	Santhosh Kumar V	220292601110	E - Business	3	C
143	Syed Abishaik J	220292601118	E - Business	3	C
144	Thamjeeda C.H	220292601121	E - Business	3	B
145	Vishal S	220292601124	E - Business	3	B
146	Yuvasree T	220292601125	E - Business	3	B
147	Zavith Muksim S.S.	220292601126	E - Business	3	B
148	Abishek Balaji E	220292601128	E - Business	3	C

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
149	Aneesa I	220292601131	E - Business	3	A
150	Aravind R	220292601132	E - Business	3	C
151	Bhalaji N	220292601135	E - Business	3	C
152	Iniyavan M	220292601142	E - Business	3	C
153	Lingesh Kumar J	220292601148	E - Business	3	B
154	Muhammad Razi M	220292601161	E - Business	3	D
155	Shiyam Sundar S	220292601175	E - Business	3	B
156	Sowkath Ali S	220292601177	E - Business	3	B
157	Thameem Ansari N	220292601181	E - Business	3	C
158	Kowsik T.	220292601147	International Business	3	C

16. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Industry Expert Session	6 hours	I year MBA students	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
2	Guest Lecture	2 hours	Risk Management and Insurance elective students	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
3	Alumni Interaction on My Journey in Career and Life-The Performance Perspective	15.12.2023 (2 hours)	HR Elective Students	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
4	Research Scholar-Lecture Session on HR Research and Analytics for Decision Making in Industry	28.03.2024 (1 hour)	I year MBA students	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
5	Guest Lecture on Human Capital: The Crux for Value Creation in Industry	12.02.2024 (2 hours)	I year MBA students	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
6	Guest Lecture on AI in Human Resource Management	25.04.2024 (2 Hours)	I year MBA students	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
7	Guest Lecture on INCOTERMS & EXIM Documents	19-12-23 (3 Hours)	II year MBA students with LSCM specialization	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
8	Guest Lecture on The Contemporary Practices in HRM	16-05-2024 (2 Hours)	I year MBA students	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
9	Guest Lecture on Journey of an Innovative Product from Idea to Patent	28.05.2024 (2 Hours)	Students of MBA IEV	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
10	Industry Expert Session on Technology - The Effective Tool for Disruptive Startups	25.04.2024 (2 Hours)	Students of MBA IEV	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
11	Industry Expert Session on Project Management – The Guide to Enterprise Efficiency	19.03.2024 (2 Hours)	Students of MBA IEV	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices
12	Guest Lecture on Brand Management	05.04.2024 (3 Hours)	First-year MBA students (Section A)	Knowledge dissemination with industry inputs	The students got exposed to real time industry practices

17. Industry / Institute Collaboration

S. No	Name & Detail of Industry	Type of Collaboration	Month & Year	Status	Outcome
1	Ology Tech School, Mugalivakkam, Chennai	Research Consultancy Project on Psycho-Social Issues and Neuro-Developmental Disorders in Children – Dr.Haider Yasmeen	May 2024	Ongoing	Revenue of Rs.1,00,000/ and possibility of research paper publication

18. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker
			Faculty	Student	Others	
1	MMA - CSB Student Chapter Programme	Guest Lecture on Essentials of project management	-	189	-	Mr. Sivaram Athmakuri
Outcome: Students gained knowledge on project management						

19. MoUs Signed

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome
			Day	Month	Year	
1	HBS Online	Agreement	02	06	2024	HBSO courses at discounted prices for the students and access to learning materials

20. Extension Activity Conducted

S.No	Type of extension activity	Details of beneficiaries	Programme duration	Outcome
1.	Dr.Haider Yasmeen delivered a Motivational Session on "The World is Yours: Make the Best Out of it"	First year students of BSACIST	1 day	The first students were motivated to perform well in academics
2	Dr.Joshua Daniel Egan conducted a workshop on Research Methodology for Social Science	Students of Justice Basheer Ahmed Sayeed College for Women	23.01.2024 – 24.01.2024	Students were given training on Research Methodology
3	Dr.Joshua Daniel Egan took a Seminar on Role of Statistics in Industry Revolution 4.0	Students of Prince Shri Venkateshwara Arts and Science College	17.07.2023	Students were enlightened with the role of statistics

21. Photographs with relevant captions for Important Activities



International Immersion Programme at NUS, Singapore from 21.07.2023 – 27.07.2023



ATAL FDP on Data analysis techniques for qualitative and quantitative research – 03.01.2024 – 10.01.2024

SCHOOL OF PHYSICAL AND CHEMICAL SCIENCES

DEPARTMENT OF PHYSICS

DEPARTMENT OF CHEMISTRY

DEPARTMENT OF PHYSICS

1. Value Added Programmes Offered

S. No	Name of the programme	Duration (From – To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	Materials Characterization	January, 2024	April, 2024	BSACIST	20	--	--

2. Interdisciplinary Programmes Conducted

S. No	Name of Programme	Other departments involved	No. of Participants			Outcome of the Programme
			Students	Faculty	Others	
1	One day workshop and hands on- Training on XRD analysis by K.Saravana Kumar, Professor, Department of Physics, Sri S. Ramasamy Naidu Memorial College, Sattur, on 26 th March 2024	Yes (physics, life science, chemistry, biotechnology)	20	50	25	Students have gained the knowledge in XRD analysis and how to use the software to plot the data.
2.	One day guest lecture on- Optical amplifier and networks on 4 th April 2024	Yes (EEE and ECE)	155	15	10	Students were exposed to the latest technology that was used in optical fibers and networks.
3.	One day guest lecture on- An introduction to linear vector space on 3 rd May 2024 by Dr S Devasankar, AP, LN Govt. College Ponneri.	Yes (physics, Maths)	10	15	10	Participants got the basic understanding of linear vector space.
4.	One day guest lectures on - NMR Spectroscopy-Basic and Analysis on 3 rd May 2024 by Dr.P.Kalimuthu, Gandhigram Rural Institute, Tamilnadu.	Yes (physics, life science, chemistry, biotechnology)	30	10	10	Students got the basic information about the NMR spectra.

3. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date/ Duration	Outcome
	Programme	Sem.	Sec.	No. of Students				
1	Industrial visit	I & II PG, research Scholars		34	Dr. R.Amiruddin , Dr.M.Lakshmipriya,& Dr.T.Kamalesh	Vegamon	21-23 January 2024 (3 days)	Gained the knowledge on hydroelectric power plant working process
2.	Industrial visit	I & II PG, research Scholars		50	Dr. G.V. Vijayaraghavan, Dr..Mohamed Sheik Sirajuddeen and Dr .M. Vijayajayanthi	Anna University (Crystal growth center)	17 April 2024 (1 day)	Learned the characterization techniques

4. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From-To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	Monthly seminar presentation by Research scholars of Department of Physics	Seminar on "Details about antioxidant and anti-inflammatory activity"	10 th Jul 2023	BSACIST	Ms. Pavithra.G (RRN), 2109037040 01Research Scholar / Physics	5	11	-	-
2.	Monthly seminar presentation by Research scholars of Department of Physics	Seminar on "Insight into the theoretical materials research-DFT theory WIN2K"	4 th August 2023	BSACIST	Dr.N.Syed.K aleemullah. (RRN: 2023PDF01) Research Scholar / Physics	6	10	-	-

3.	Monthly seminar presentation by Research scholars of Department of Physics	Seminar on "what is behind physics Nobel prize"	6 th Sept 2023	BSACIST	Mr, B.Rahul (RRN: 2109037010 03)	2	12	-	-
4.	Monthly seminar presentation by Research scholars of Department of Physics	Seminar on "Supercapacitor –An overview"	16 th October 2023	BSACIST	Mr. A.Vilvanatha prabu (RRN NO: 2209031010 02)	3	16	-	-
5.	Monthly seminar presentation by Research scholars of Department of Physics	Analysis of Second & Third Order Nonlinear Optical Processes	5 th Feb 2024	BSACIST	Ms. J. PRISCILLA (2209031010 01)	-	-	-	-
6.	Monthly seminar presentation by Research scholars of Department of Physics	Seminar "Insights on the optical properties of materials using Density Functional Theory (DFT)"	15 th March 2024	BSACIST	Mr. G.Ajay (RRN 2209037010 02)	6	10	-	-

5. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

Sl. No	Name of Programme / Activity	Duration	Details of financial support received from Institution
1.	Inauguration of CresOphy Society	1 st November, 2023	BSACIST
2.	National conference on Functional Materials for Sustainable Energy & Information Technology	27-28 th November, 2023	FEDA
3.	National Science Day	28 February 2024	BSACIST
4.	One-day Awareness Program on careers in physics & Quanta 2K24	1 March 2024	BSACIST

5	One day workshop and hands on training on XRD analysis	26 th March 2024	BSACIST
6	One day guest lecture on Optical amplifier and networks	4 th April 2024	BSACIST
7.	One day guest lecture on- An introduction to linear vector space	3 rd May 2024	BSACIST
8.	One day guest lectures on -NMR Spectroscopy-Basic and Analysis on	3 rd May 2024	BSACIST

6. Conferences / FDP / Seminars / Workshops Attended by faculty

S. No	Name of the faculty	Name of the Programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received from BSACIST/ Others (Rs)
1.	Dr. I.Raja Mohamed	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
2.	Dr. G.V.Vijayaraghavan	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
3.	Dr. S.Sathik Basha	"Materials Technology Advancement in current Scenrio"	FDP	25th oct- 1st November, 2023	Satyabama Institute of science and technology	CSIR
		" Research Frontiers in Physics"	FDP	11 -15, September, 2023	FDP centre, GCT,Trichy	TNSP
		"New opportunites for emerging 2D materials in bioelectronics and biosensors"	FDP	11-15, October, 2023	CMR Institute of Technology	DST-SERB
		Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
4.	Dr. M.Mohamed Sheik Sirajuddeen	Functional Materials for Sustainable	National conference	27-28 November, 2023	School of Basic Sciences	FEDA

		Energy & Information Technology				
5.	Dr. R.Indirajith	Advances in Materials Science - 2024	FDP	4 & 5 April,2024	Department of Physics, Sairam Institute of Technology, Chennai	FEDA
6.	Dr. R.Amiruddin	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
7.	Dr. M. Vijayajayanthi	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
8.	Dr. E.A.K.Nivethaa	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
9.	Dr. M.LakshmiPriya	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
10	Dr. J.SivaSankari	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
11.	Dr. T.Kamalesh	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
12.	Dr. K. Vinisha Rani	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA
13	Dr.Rizwana	Functional Materials for Sustainable Energy & Information Technology	National conference	27-28 November, 2023	School of Basic Sciences	FEDA

7. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

- a) SCI/Scopus Indexed Journal : 26
b) Other journals : 00

1. Srinivasan, K., Sivaganesh, G., Fozin, T.F. and Mohamed, I.R., 2023. Analytical studies on complete, lag and anticipation synchronization in cascaded circuits with numerical and experimental confirmation. *AEU-International Journal of Electronics and Communications*, 159, p.154491.
2. Selvi, M.S.G., Vijayaraghavan, G.V., Janarthanan, B. and Inbarajan, K., 2023. Augmentation of electron transfer by Ag incapacitated graphene oxide/dye (*Caesalpinia pulcherrima*) in photoanode of dye sensitized solar cell. *Optical and Quantum Electronics*, 55(9), p.784.
3. Banu, I.S., Rajesh, R., Mamat, M.H. and Vijayaraghavan, G.V., 2023. Tuning the Multiferroism and Magnetoelectric Coupling of Bismuth Ferrite via Substitutional Defects by Er and Transition Metals (Nb/Zr/Y). *Journal of Superconductivity and Novel Magnetism*, 36(7), pp.1693-1701.
4. Priscilla, J., Vijayaraghavan, G.V., Era, P. and Lakshmipriya, M., 2023. Crystal design of novel Piperazinum Isophthalate (PIP): growth, structural, thermal, spectral, mechanical and optical properties for NLO application. *Journal of Molecular Structure*, 1293, p.136307.
5. Renugadevi, S., Vijayaraghavan, G.V. and Balu, R., 2024. The bioactive *Catharanthus roseus* Mediated with urea doped Potassium Hydrogen Phthalate single crystal an effective optical, dielectric, and anticancer activities. *Journal of Molecular Structure*, 1301, p.137328.
6. Selvi, M.S.G., Vijayaraghavan, G.V., Janarthanan, B. and Inbarajan, K., 2023. Augmentation of electron transfer by Ag incapacitated graphene oxide/dye (*Caesalpinia pulcherrima*) in photoanode of dye sensitized solar cell. *Optical and Quantum Electronics*, 55(9), p.784.
7. Vilvanatha prabu, A., Vijayaraghavan, G.V., Basheer Ahamed, M., Rehana, J., Yoganadhan, J. and Shahitha Parveen, J., 2024. Influence of SrTiO₃/Fe₂O₃ nano-fillers assisted PVDF-HFP polymer nanocomposite films on dielectric, impedance, and conductivity studies for energy storage applications. *Fullerenes, Nanotubes and Carbon Nanostructures*, 32(5), pp.493-504.
8. Selvi, M., Vijayaraghavan, G.V., Jauhar, R.O., Sivaraj, D., Suvitha, A., and Malarvizhi, V. 2024. Enhanced antifungal properties of the Ag-decorated GO and rGO nanocomposites for medical applications. *Bulletin of Materials Science*, 47(1), pp.1-7.
9. Selvi, M.S.G., Vijayaraghavan, G.V., Janarthanan, B. and Inbarajan, K., 2024. Incorporation of Ag decorated rGO ON TiO₂/dye photoanode for dye-sensitized solar cell applications. *Journal of Chemical Sciences*, 136(1), p.10.
10. J Priscilla, GV Vijayaraghavan, KY Kumar Influence of procion red dye doping on the structural, dielectric and optical properties of diglycine-phthalic acid single crystals for nonlinear optical applications *Journal of Materials Science: Materials in Electronics* 35 (18), (2024) 1265
11. N Biswas, I Raja Mohamed BER Analysis of Chaos-Based Digital Communication Schemes under Multipath Fading Channel *International Journal of Electrical and Electronics Engineering* 11 (3), (2024) 15-24
12. G Sivaganesh, K Srinivasan, TF Fonzin, PDK Kuate, I Raja Mohamed Analytical studies on third-order chaotic systems with Sprott type nonlinearities and their microcontroller implementation *Physica Scripta* 99 (4), (2024) 045246.
13. Gopinathan, N., Basha, S.S. and Enayathali, S.S., 2023. Compositional Impact on Structural, Optical and Thermal Properties of Stable Cesium-Tin-Bromide-Chloride Perovskites for Optoelectronic Applications. *Journal of Electronic Materials*, 52(3), pp.1854-1864.
14. Gopinathan, N., Basha, S.S., Vasimalai, N., Mundari, N.A.A., Shajahan, A., Parveen, J.S. and Enayathali, S.S., 2024. Composition-Driven Structural, Optical, Thermal and Electrochemical Properties of Hybrid Perovskite-Structured Methylammonium-Tin-Chloride. *Journal of Electronic Materials*, 53(1), pp.94-105.
15. Parveen, J.S., Thirumurugan, M., Dhakshnamoorthy, M., Basha, S.S., Banu, R.D. and Shankar, V.H., 2024. Enhanced performance of electrospun poly (ethylene oxide)/reduced graphene oxide polymer electrolyte for lithium-ion batteries. *Materials Letters*, 355, p.135545.

16. Gopinathan, N., Basha, Mubeen, M., Amirudeen, R., 2024 Composition-tunable structural and optical properties of dual-phase cesium tin bromide perovskite semiconductors. *Journal of Materials Science: Materials in electronics Materials*, 35(1), article no.627.
17. Mubeen, M, Prema, S*, S Sathik Basha, S, 2024 ,Morphoanatomical standardization and elemental analysis of *Clerodendrum chinense* (Osbeck) Mabberley (India), *Latin American Journal of Pharmacy*, 43(1), 323-343
18. Rahmathulla S, S. and Sirajuddeen, M.M.S., 2023. Electronic and Magnetic properties of nitrogen substituted cubic perovskites of RbNbO₃ and CsNbO₃ using PBE-GGA and TB-mBJ methods. *Materials Research Innovations*, 27(2), pp.118-129.
19. Ashwin, V. and Sirajuddeen, M.M.S., 2023. DFT insights into the origin of d0 ferromagnetism, mechanical stability, elastic, and acoustic anisotropy in AZrO₃ (A= K, Rb, Cs) cubic perovskites. *Physica B: Condensed Matter*, 654, p.414521.
20. Mohamed Sheik Sirajuddeen M, nazir ahmad teli, Showkat Hassan Mir A computational study of TiHfPtZ(Z=Al,Ga,In) quaternary heusler compounds for spintronics applications *Physica scripta*, IOP publishing 99, (2024) 025974
21. Mohamed Sheik Sirajuddeen M shoaib hussain mohammed, Kaleemullah N Syed, G Ajay A DFT Study on Structural, Electronic, and Optical properties of Cubic Perovskite Semiconductors InXF₃ (X=Be and Ca) for Optoelectronic Applications Modelling and Simulation in Materials Science and Engineering DOI 10.1088/1361-651X/ad5a2c (2024)
22. GA V. Ashwin, M. Mohamed Sheik Sirajuddeen Dynamical stability, electronic and optical properties of AcAlO₃ perovskite using mBJ and Hybrid functionals: A DFT approach. *Computational Condensed Matter* 930, (2024) e00930
23. Ashwin V and M.Mohamed Sheik Sirajuddeen Thermoelectric, mechanical, and pressure sustained half-metallic properties of BaInO₃ perovskite for Spintronics applications: DFT computation *Journal of Physics D: Applied Physics* 23 (57), (2024) 57(23)
24. G Ajay, M.Mohamed Sheik Sirajuddeen, V Ashwin First-principles investigation of structural, electronic, and optical properties of cubic halide perovskite RbSrI₃ *Chemical Physics Impact* 8, (2024) 100431
25. NS Kaleemullah, MS Hussain, V Ashwin, G Ajay, M.Mohamed Sheik Sirajuddeen Novel ternary halide perovskite AMX₃ (A/M= Li, Na, K, Rb, Be, Mg, Ca, Sr, Ba, X= Br, Cl, F, I) for optoelectronic applications *Chemical Physics Impact* 8, (2024) 100545
26. M.Mohamed Sheik Sirajuddeen, A Alam, A Shahjahan, E Manikandan Investigation of ordered dispersive effect, charge density, thermal properties and disappearance of spin polarization in perovskite CsBeO₃ under the influence of pressure-A DFT ... *Chemical Physics Impact* 8, (2024) 100553
27. G Ajay, V Ashwin, M.Mohamed Sheik Sirajuddeen, A Alam Theoretical investigation of structural, electronic, elastic, and optical properties of rubidium-based perovskites RbSrX₃ (X= Cl, Br) for optoelectronic device applications—A ... *Physica B: Condensed Matter* 682, (2024) 415858
28. M Mohamed Sheik Sirajuddeen N.Syed Kaleemullah, Praveen Ramakrishnan, S. Beer Mohamed, Ashwin V Novel Ternary Halide Perovskites - CaKI₃ and CaRbI₃ : Investigation of structural, electronic and optical properties for optoelectronic applications *Computational Condensed Matter* 939, <https://doi.org/10.1016/j.cocom.2024.e00> (2024).
29. Aabel, P., Sai Guru Srinivasan, S., Amiruddin, R. and Santhosh Kumar, M.C., 2023. Bi-polar switching properties of FTO/CZTS/Ag device. *Journal of Materials Science: Materials in Electronics*, 34(7), p.601.
30. Premnath, Aabel, Sai Guru Srinivasan Sathyianarayanan, Amiruddin Rafiuddin, and Santhosh Kumar Maniyeri Chandroth. "On the memory-switching property of ternary CuZnS thin films." *Applied Physics A* 129, no. 12 (2023): 827.

31. Vijayajayanthi, M., Kanna, T. and Lakshmanan, M., 2023. Simulation of universal optical logic gates under energy sharing collisions of Manakov solitons and fulfillment of practical optical logic criteria. *Physical Review E*, 108(5), p.054213.
32. Era, P., Jauhar, R.M., Kamalesh, T., Prakash, T. and Siva, V., 2023. Theoretical insight on the optical centred electrical properties of guanidinium isophthalate NLO crystal for electro-optic Q switches. *Heliyon*, 9(7).
33. Ravisankar, V., Ramesh, V., Gunasekaran, B., Perumal, S., Karuppasamy, P. and Kamalesh, T., 2023. Centrosymmetric structure of novel barium (II)-dibenzo-15-crown-5-ether-zinc (II)-tetra-thiocyanate single crystal for nonlinear optical application. *Optical and Quantum Electronics*, 55(11), p.953.
34. Kamalesh, T., Kumar, P.S., Hemavathy, R.V. and Rangasamy, G., 2023. A critical review on sustainable cellulose materials and its multifaceted applications. *Industrial Crops and Products*, 203, p.117221.
35. Kamalesh, T., Kumar, P.S. and Rangasamy, G., 2023. An insights of organochlorine pesticides categories, properties, eco-toxicity and new developments in bio remediation process. *Environmental Pollution*, p.122114.
36. Sarma, Bornali, K. Vinisha Rani, and D. N. Gupta. "Fabrication of Electronic Silk Fabrics via RGO Adhesion Incorporating Oxygen Plasma Treatment." *Engineering Proceedings* 52, no. 1 (2024): 5.
37. Sakthivel R , Mohamed Arfayeen R, Aruna R , Tabassum Fathima G , Rizwana R and Abinaya S., 2024. Harnessing the Potential of Coconut Shell Activated Carbon and Nitrogen-Doped Activated Carbon-Catalysts for Sustainable Power Generation (A-Review). *Oriental Journal Of Chemistry*, 40(2), P.520.
38. M Rajalakshmi, D Kanimozhi, R Indirajith, "Synthesis, growth, structural, optical, thermal and dielectric properties of novel bis(tetra-ethylammonium) bis(hydrogen l-tartrate) l-tartaric acid monohydrate", *Journal of Materials Science: Materials in Electronics*, Volume 35, Issue 10, Article Number 704, 2024.
39. A Rasool, S Kossar, R Amiruddin Study on multifunctional resistive switching and UV light detection characteristics in p-PEDOT: PSS/i-BFO/n-ZnO hybrid structures *Semiconductor Science and Technology* 39 (5), (2024) 055012.
40. YAS Anitha, G Durgababu, I Ramakanth, U Vijayasree, T Kamalesh Effect of L-histidine hydrochloride monohydrate (LHICL) doping in potassium dihydrogen phosphate (KDP) on single crystal growth, structural, optical, electrical, and mechanical traita, *Journal of Materials Science: Materials in Electronics* 35 (8) (2024) 594.
41. C. Femina Carolin, T Kamalesh, *Advances in stabilization of metallic nanoparticle with biosurfactants- a review on current trends Heliyon* 10 (2024) e29773.
42. B Sarma, K Vinisha Rani, DN Gupta *Fabrication of Electronic Silk Fabrics via RGO Adhesion Incorporating Oxygen Plasma Treatment Engineering Proceedings* 52 (1), (2024) 5.

3. International Conference & National Conference:

- | | | |
|----|----------------------------------|------|
| a) | Conference with ISBN Proceedings | : 11 |
| b) | Other Conferences | : 00 |

8. Book(s) / Book Chapters Published

S.No.	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country & Month of publication	Availability status
			Rs	\$		
1.	G. V. Vijayaraghavan	Introduction to Materials Science	-	-	Academic Guru Publishing House, Bhopal, India	Since 2024

2.	R Amiruddin	Different Perovskite Materials, Properties, and Applications Handbook of Emerging Materials for Semiconductor Industry,	-	-	Springer Nature Singapore	2024
3.	R Amiruddin	Different Types of Thin Film Deposition Techniques and Application Handbook of Emerging Materials for Semiconductor Industry	-	-	Springer Nature Singapore	2024
4.	E.A.K.Nivethaa	Crosslinking mechanisms in the designing of scaffolds for biomedical applications: A review	-	-	springer proceedings in earth and environmental sciences	Since 2023

9. Patents (Obtained / Applied)

S.No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1.	Dr.S.Sathik Basha, Professor	Solar and Wind powered Electric Vehicle	-	11/10/23	yes
2.	Dr.S.Sathik Basha, Professor	IOT based photovoltaic cell testing device.	-	20/01/24	yes
3.	Dr R. Rizwana, Assistant Professor	An automated circuit for lightening of traditional lamp: E-KUTHU VILAKKU	-	12/1/2024	yes

10. Details of Impact Factor of the Publication and H-Index of the department

• h - index	:	49
• Citations	:	10081
• NO. of Publications in Scopus / WOS journals	:	28
• Book / Book Chapters Published in Scopus / WOS	:	02
• No. of PhD Viva-voce completed	:	02

11. Sponsored Research (Submitted)

S. No.	Principal and Co-Principal Investigators	Funding Agencies	Project Title	Amount (INR) Rs. in lakhs	Current Status
1.	PI: Dr. M. Lakshmipriya	SERB Start up Research Grant	Role of polymorph form of glycine in enhancing the NLO properties	21.96	Rejected

		(SRG)	of a potential crystal: Potassium Acid Phthalate (KAP)		
2.	PI : Dr. G. V. Vijayaraghavan Co-PI :Dr. M. Lakshmipriya	SERB Core Research Grant (SRG)	Investigations on the growth and characterization of Guanidinium admixture carboxylic acid single crystal for optical limiting applications	28.06	Under Review
3.	PI (India) Dr. R. Amiruddin Assistant Professor Department of Physics PI (Japan) Dr. Shirahata Naoto, National Institute of Material Science, Tsukuba, Ibaraki 305-0047, Japan	DST-JSPS, Indo Japan Collaborative project	Development of Quantum dots embedded ZnO nanowires / organic polymer- based optoelectronic devices for light-detection and light-emission applications	10.62	Under review
4.	Dr. S. Sathik Basha	Tamil Nadu State Council for Science And Technology Dote Campus, Chennai-600025	Investigation of ABX 3, AB 2 X 5 and A 4 BX 6 (A = Li; B= Mg, Ca; X = I, Br and Cl) perovskites thin films for solar cells and optoelectronic device applications	4.40	Under review
5	Dr. S. Sathik Basha	Tamil Nadu State Council for Science And Technology Dote Campus, Chennai-600025	Green synthesis of silver doped titanium oxide (Ag/TiO ₂) nano particles using couroupita Guianensis plant extract for wound healing cream or scaffold.	3.5	Under review
6.	Dr. M.Mohamed Sheik Sirajuddeen	SERB	Influence of TB-MBJ method on bandgap tuned grapheme structure for optoelectronic applications: DFT Study	24.97	Under review
7.	Dr E A K Nivethaa	UGC - D S Kothari research grant	UGC - D S Kothari research grant for newly recruited faculty	1.0	Under review
8	Dr E A K Nivethaa	DST SERB Startup Research Grant	Carboxymethyl chitosan-based nanocomposites containing noble metals for drug delivery, in vivo cell imaging and colorimetric sensing	20.48	Under review
9	Dr E A K Nivethaa	Institute Crescent seed money	Carboxymethyl chitosan stabilized Au, Ag and Ag-Au nanoclusters for drug delivery, in vivo cell imaging and colorimetric sensing	1.51	Rejected

10	Dr. M. Lakshmi Priya	Institute Crescent seed money	Role of co-dopants in enhanced efficiency of ZnO for supercapacitor applications.	80,000	Approved
11	Dr.J.Siva Sankari	Institute Crescent seed money	Silver doped ZnO@ZnS Core shell quantum dot used as biomarkers for diagnosing cancer cells	100,000	Submitted
12	Dr.T.Kamalesh	Institute Crescent seed money	-	-	Submitted
13	Dr. K. Vinisha Rani	Institute Crescent seed money	-	-	Submitted
14	Dr. Rizwana	Institute Crescent seed money	-	-	Submitted
15	Dr.M. Vijayajayanthi	DAE - National Board for Higher Mathematics	Multicomponent coupled higher order nonlinear Schroedinger systems in nonlinear optics	23.07	Submitted

12. International Visits by Faculty / Students

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country	Purpose	Period	Outcome
1	Dr. M.Mohamed Sheik Sirajuddeen	International Centre for Theoretical Physics (ICTP), Trieste, Italy	Italy	"The Increasing Danger of Nuclear Weapons: How Physicists can Reduce the threat"	23/10/2023-25/10/2023	Framed the Syllabus of Open Elective Course on Nuclear Hazard and Disarmament for BTech Students

13. Faculty Internships (Industry / research organization / Academic Institution) Student's Internships

S.No	Name of the Student	Details of work place & Mentor	Period of Internship	Outcome
1	Aarthy A	Daystar Solar, Annanagar	3rd July 2023 to 4th	Student's

			August 2023	internship
2	Abdul Rahman Niraz	Daystar Solar, Annanagar	3rd July 2023 to 4th August 2023	Student's internship
3	Avinash Ram K J	Daystar Solar, Annanagar	3rd July 2023 to 4th August 2023	Student's internship
4	Balasubramaniam	Shri vaari electricals private limited, Guindy	3rd July 2023 to 4th August 2023	Student's internship
5	Bhavadharini G	Daystar Solar, Annanagar	3rd July 2023 to 4th August 2023	Student's internship
6	Catherine Serena K	Shri vaari electricals private limited, Guindy	3rd July 2023 to 4th August 2023	Student's internship
7	Haleema Naseeha E M	QMOS Technologies	3rd July 2023 to 4th August 2023	Student's internship
8	Hemamalini V	Shri vaari electricals private limited, Guindy	3rd July 2023 to 4th August 2023	Student's internship
9	Kalaivanan E	Neyveli Lignite Corporation Limited, Neyveli	3rd July 2023 to 4th August 2023	Student's internship
10	Leka Sree J	Space kidz India, Chennai	3rd July 2023 to 4th August 2023	Student's internship
11	Meenatchi S	Shri vaari electricals private limited, Guindy	3rd July 2023 to 4th August 2023	Student's internship
12	A Mohamed Yousuf Suhail	Daystar Solar, Annanagar	3rd July 2023 to 4th August 2023	Student's internship
13	Pranav Sri G	Neyveli Lignite Corporation Limited, Neyveli	3rd July 2023 to 4th August 2023	Student's internship
14	Revathi B	IGCAR, Kalpakkam	3rd July 2023 to 4th August 2023	Student's internship
15	Sountharya E M	Neyveli Lignite Corporation Limited, Neyveli	3rd July 2023 to 4th August 2023	Student's internship
16	Srinivasan M	IGCAR, Kalpakkam	3rd July 2023 to 4th August 2023	Student's internship
17	Suganthi B	Bishop Heber College, Trichy	3rd July 2023 to 4th August 2023	Student's internship
18	Uvalakshmi R	IGCAR, Kalpakkam	3rd July 2023 to 4th August 2023	Student's internship
19	Vishnu R	Minicoy islands, Lakshadweep	3rd July 2023 to 4th August 2023	Student's internship

20	Yazhini P	Shri vaari electricals private limited, Guindy	3rd July 2023 to 4th August 2023	Student's internship
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14. Achievements of Faculty & non-teaching staff

S.No	Name of the Faculty/ non-teaching Staff	Type of recognition/Award	Details of Awarding organization	Month & Year
2	Dr. G.V.Vijayaraghavan	Experimental Physics-II	NPTEL	January -May 2024
		Chemistry of nanomaterials	NPTEL	February -May 2024
3	Dr. S.Sathik Basha	Biomedical Nanotechnology	NPTEL	August-September 2023
		Experimental Physics-II	NPTEL	January - May 2024
		Chemistry of nanomaterials	NPTEL	February - May 2024
4	Dr. M.Mohamed Sheik Sirajuddeen	Teaching and Learning in Engineering	NPTEL-IISc	January - March 2024
	Dr. M.Mohamed Sheik Sirajuddeen	15 days FDP on Quantum Computing	BSACIST	16.10.2023 - 31.10.2023
	Dr. M.Mohamed Sheik Sirajuddeen	Visited ICTP, Italy on invitation	ICTP, Italy	23.10.2023 – 25.10.2023
	Dr. M.Mohamed Sheik Sirajuddeen	Received Travel grant f	CSIR, New Delhi	October 2023.
7	Dr. M. Vijayajayanthi	Academic Research Writing	Ministry of Education	4.09.2023 - 10.09.2023
		Innovative Teaching Practices in Higher Education	BSACIST	13.09.2023 - 14.09.2023
		Biomedical Nanotechnology	NPTEL	August-September 2023
		15 days FDP on Quantum Computing	BSACIST	16.10.2023 - 31.10.2023
		2-weeks Refresher course in Physics	Teaching Learning Centre, University of New Delhi	30th March- 12th April 2024
		Chemistry of nanomaterials	NPTEL	February -May 2024
8	Dr. E.A.K. Nivethaa	Academic Research Writing	Ministry of Education	4.09.2023 - 10.09.2023
9	Dr. M.Lakshmipriya	Chemistry of nanomaterials	NPTEL	February –May, 2024
10	Dr.J.SivaSankari	4-week Faculty induction program	Ministry of Education	22 July-20 Aug 2023

		Academic Research Writing	Ministry of Education	4.09.2023 - 10.09.2023
		Innovative Teaching Practices in Higher Education	BSACIST	13.09.2023 - 14.09.2023
		Biomedical Nanotechnology	NPTEL	August-September 2023
		Chemistry of nanomaterials	NPTEL swayam	May 2024
		2-weeks Refresher course in Physics	Teaching Learning Centre, University of New Delhi	30th March- 12th April 2024
12	Dr.Vinisha Rani	Smart Textile: Materials to Devices	FDP IIITDM Kancheepuram, Chennai.	18-19 march 2024
		sustainable materials and technologies for bio and energy applications (SMTBEA-2024) & Indo- Taiwan workshop on renewable energy (ITRE-2024) organized by SSN Research centre	Best paper award in 3rd International conference	1.07.2024 – 3.07.2024
		Chemistry of nanomaterials	NPTEL	February -May 2024
13	Dr.Rizwana	Teaching and Learning in Engineering	NPTEL	January -February 2024
		STEM Robotics & Coding for Educators	upEducators - A Google for Education Partner company	March - May 2024

15. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Ms.T.Gayathri	210903101001	Best Oral Presentation award in International Conference (Rs2000/-)	NIT Warangal in association with Indian Institute of Metals.	September 2023
2.	Mr. A.Vilvanathaprabu	220903101002	Best Oral Presentation in International Conference	Dept of Science and Humanities-Peri Institute of Technology	9.08.2023

3.	Mr. A.Vilvanathaprabu	220903101002	Best Oral Presentation in International Conference	Sai Ram Engineering College	8-9 June 2023
4.	Mr. A.Vilvanathaprabu	220903101002	Paper presentation in International Conference	Centre for nano science and technology, Anna University	27-28, March 2024
5.	Mr. A.Vilvanathaprabu	220903101002	Paper presentation in International Conference	Jamal Mohamed College	4 Jan 2024
6.	Mr. A.Vilvanathaprabu	220903101002	Paper presentation in International Conference	crystal growth center, Anna university	27-29 May2024
7.	Mr. A.Vilvanathaprabu	220903101002	Paper presentation in International Conference	SSN Research center	July 1-3 2024
8.	Ms.J. Priscilla	220903101001	Best paper award d in international conference	SSN Research center	July 1-3 2024
9.	Ms.T.Gayathri	210903101001	Best paper award in international conference	NIT Warangal	July 4-5 2024

16. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker
			Faculty	Student	Others	
2.	National Science Day on 28 February 2024	Invited lecture	13	100	-	1.Dr.T.Kanna Associate professor Dean of Research and Development, PG and research Bishop Heber college- Trichy. 2. Dr.Mohamed Imran Predhaneksar, Associate Professor, Dept of chemistry , Islamiah college, Vaniyambadi.

3.	One-day Awareness Program on careers in physics & Quanta 2K24 on 1 March 2024	Physics Dept. Club activity (intercollegiate event)	30	230	-	Dr.D.Kalpana ,Senior Principal Scientist, CERI,CSIR Madras complex, chennai
4.	One day workshop and hands on training in XRD analysis on 26 th March 2024	Guest lecture	20	50	25	Dr.K.Saravana Kumar Assistant Professor, Department of Physics, Sri S. Ramasamy Naidu Memorial College, Sattur.
5.	One day guest lecture on Optical amplifier and networks on 4 th April 2024	Guest lecture	5	150	2	Dr D. Nedumaran Prof. & Head Central Instrumentation & Service Laboratory, University of Madras, Guindy Campus, Chennai 600 025
6	One day guest lecture on- An introduction to linear vector space	Guest lecture	10	15	10	Dr S Devasankar, AP, LN Govt. College Ponneri.
7.	One day guest lectures on -NMR Spectroscopy-Basic and Analysis on 3 rd May 2024.	Guest lecture	30	10	10	Dr.P.Kalimuthu, Gandhigram Rural Institute, Tamilnadu

DEPARTMENT OF CHEMISTRY

1. Value Added Programmes Offered:

S. No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	Hands on Training for Integrated Skill Initiative Programme	January, 2023- July, 2024	30	BSACIST	30	-	-

2. Training Programmes Offered:

S. No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	SRITP-2024	15.05.2024 to 14.6.2024	30 days	1,500 +1,500	6	-	-
2.	SRITP-2024	03-06-2024 to 18-06-2024	15 days	1,500	24	-	-
3.	Hands-on Training on Instrumentation with Interpretation	3rd to 5th July 2024	18	750 – Students 1000- Research scholars 1500 - Faculty	55	2	4

3. Interdisciplinary Programmes Conducted

S. No	Name of Programme	Other departments involved	No. of Participants		Outcome of the Programme
			Students	Faculty	
1.	Electrochemical Corrosion Techniques: Theory and Hands on Training	Civil	37	2	<p>Providing the use of electrochemical techniques in corrosion applications.</p> <p>Emphasizing the use of advanced electrochemical instruments and techniques to acquire pertinent data.</p> <p>Offering insight knowledge on practical aspects of corrosion.</p> <p>Emphasizing techniques for proper interpretation of data for use in corrosion prediction, prevention, and monitoring.</p>

4. Details of Field visits/Industrial visits organized by the department:

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	Industrial visits	II	-	25	Dr. M. Asha Jhonsi Dr. S. Aravindhan,	Materials Research Centre, IISc, Bangalore	01.05.2024
2.	Industrial visits	II	-	25	Dr. M. Asha Jhonsi Dr. S. Aravindhan,	SABIC India and	02.05.2024
3.	SRITP	Outside participants	-	24	Dr. Jasmine Annajothi & Dr. D. Sivasankaran	Saimeera Pharmecheticals	June 15, 2024.
Outcome of the Visit: 1 & 3. Research Methodology and organic chemistry courses such as live demonstrations on transformation of research ideas into day to day life application products specifically polymer, organic and nanomaterial based were introduced to the students							
2. Outcome of the Visit: convert their research ideas into product level especially in the field of Intellectual Property Right.							

5. Conferences / FDP / Seminars / Workshops Organized by the department:

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Functional Materials for Sustainable Energy and Information Technology	National Conference	27,28.11.2023	Federation of economic development Association	-	50	100	40

6. Conferences / FDP / Seminars / Workshops Attended by faculty. :

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1	Dr. M. Vajjiravel	Co-ordination Chemistry (Chemistry of Transition Elements)	FDP	Jan-April 2024	NPTEL
2	Dr. M. Vajjiravel	Environmental Quality Monitoring & Analysis	FDP	Jan-April 2024	NPTEL
3	Dr. M. Vajjiravel	Environmental Biotechnology	-	July-Dec 2023	NPTEL

4	Dr. M. Vajiravel	Basic Environmental Engineering and Pollution Abatement	FDP	July-Dec 2023	NPTEL
5	Dr. Tuhin Subhra Dash	Chemistry of Main Group Elements	FDP	January – April, 2024	NPTEL
6.	Dr. S. Aravindhan	Pericyclic Reactions and Organic Photochemistry	FDP	Jan-Mar 2024	NPTEL
7.	Dr.N.Hajarabeevi	Greener Chemical Synthesis Design with Advanced Digital Tools	Webinar	June-06,2024	The Life science business of Merk KGaA, U.S. and Canada
8.	Dr.N.Hajarabeevi	Greener Chemical Synthesis Design with Advanced Digital Tools	Webinar	July-11,2024	The Life science business of Merk KGaA, U.S. and Canada

7. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

a) SCI/Scopus Indexed Journal

b) Other journals

1. Arunkumar Kathiravan, Suguna Premkumar, Mariadoss Asha Jhonsi, Nanoarchitectonics of Melia Dubia flowers to fluorescent carbon dots and its Ferritin sensing, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Volume 681, 2024, 132824,
2. Rekha Yamini Kosuru, Venkatesan Srinivasan, Mariadoss Asha Jhonsi, Biomass-derived potential nanobiomaterials: Protein binding, anti-biofilm activity and bio-imaging, Journal of Molecular Structure Volume 1300, 2024, 137155,
3. Venkatesan Srinivasan, Mariadoss Asha Jhonsi, Highly luminescent heteroatom codoped carbon dots for multitudinous applications, Materials Today Communications, Volume 38, 2024, 107895,
4. Venkatramanan Kumar, Arunkumar Kathiravan, Mariadoss Asha Jhonsi, Beyond lead halide perovskites: Crystal structure, bandgaps, photovoltaic properties and future stance of lead-free halide double perovskites, Nano Energy, Volume 125, 2024,
5. Swapan K. Das, I. Abdul Matheen, Arunkumar Kathiravan, Mariadoss Asha Jhonsi, and Asim Bhaumik. Small Organic Molecule-Assisted Mesoscopic Self-Assembly of SnO₂ Nanoparticles: An Efficient Catalyst for the Synthesis of β -Nitroaldol, 2024, doi.org/10.1002/cctc.202400439
6. Curcumin-assisted synthesis of MoS₂ nanoparticles as an Electron transport material in perovskite solar cells, Vajiravel Murugesan, Balamurugan Rathinam, Micromachines 2024, 15(7), 840; <https://doi.org/10.3390/mi15070840> .
7. The role of optimal electron transfer layer for highly efficient perovskite solar cells- A systematic review, Ramkumar Vanaraj, Vajiravel Murugesan, Balamurugan Rathinam, Micromachines 2024, 15(7), 859; <https://doi.org/10.3390/mi15070859> .
8. Synthesis, characterization, and biosensing performance of cobalt sulphide reinforced polyaniline composites. Jeevagan K, Chithra Lekha P, Marini L, Padmanabhan MK, Vajiravel M, Jagannathan K, Physica B: Condensed Matter 679, 2024, 415761. <https://doi.org/10.1016/j.physb.2024.415761>

9. Ultrasonic mediated dual-site phase transfer catalyzed polymerization of N-butenyl isatin in two phase system- a kinetic study, Murugesan, V., Marimuthu, E., Rathinam, B., Karthikeyan, J., Varathan, E. **Journal of Macromolecular Science, Part A**, 61(3), 165–174. <https://doi.org/10.1080/10601325.2024.2310582>
10. Thirumalai Lakshmi a , N. Hajarabeevi a , T. Mishra b , **Noor Aman**, “Synthesis of cobalt doped nickel titanate nanomaterials for enhanced photocatalytic reduction of chromium” *Optik – International Journal for Light and Electron Optics* 298 (2024) 171561
11. F Camilo Ignacio Contreras Maturana, Ricardo Joaquín Romero Manríquez, ValentinaAndrea Castillo Santander, Francisca Ignacia Tapia Medina, Syed Ali. M.L., **N. Hajara Beevi** and Kodagala Kameswara Rao, “ Synthesis and crystal structure of cupper(ii) ((hydroxybenzaldehyde oxime)”, *IJCRT*, 2024.
12. Camilo Ignacio Contreras, Ricardo Joaquín Romero , Iván Ignacio Silva Pereria, Sofía Ramirez Caro, Francisca Gabriela Álvarez Castillo, Villegas Murúa Manríquez Maturana, Contreras Maturana1, Valentina Andrea Castillo Santander, Francisca Ignacia Tapia Medina, Syed Ali. M.L2., **N. Hajara Beevi** and Kodagala Kameswara Rao, “ Synthesis And Crystal Structure Ni(li)-E-3-(Hydroxyimino) (((2e,3z)-4-Hydroxypentylidene)Amino)Ethylidene)Amino)Pen“, *Ijcrt*, 2024.

International Conference & National Conference:

- f) **Conference with ISBN Proceedings**
- g) **Other Conferences**

1. Revathi Purushothaman, C.K.ArvinPandian, Low dielectric constant composites using covalent organic framework dispersed terpolyimide, *Polymer Engineering and Science*, vol 64, pp 4539–4550, 2024.
2. Synthesis of MoS₂ nanoparticles by curcumin assisted exfoliation followed by ultrasonication and applications as electron materials – Sujithra S, Vajiravel M and Balamurugan R – International conference on Futuristic Materials for Sustainable Energy Applications (ICFMSE-24), Dept of Chemistry, Erode Sengunthar Engineering College, Erode- 25-26 July 2024- Poster Presentation
3. D. Priya, P. Usha, N. Hajarabeevi, “Eco-friendly Synthesis of Titanium di-oxide nanoparticles using desiccated leaves of Laurus Nobilis”, international virtual conference on “emerging trends in chemical science and technology during 14 th & 15 th September, 2023
4. Arun George Joseph, N Hajarabeevi b , Nimmy Edwin, “Synthesis And Characterization Of Bi-Metallic Nanoparticles Using Green Extract And Its Applications”, National Conference on Functional Materials for Sustainable Energy & Information Technology (FuMSEIT – 2023) on 27 th and 28 th November 2023

8. Book(s) Published :

S. No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country & Month of publication
			Rs	\$	
1.	Dr. M. Asha Jhonsi	Synthesis Approaches for the Preparation of Green Carbon Dot	-	-	ACS Books 07-Aug-2024
2.	Dr. S. Aravindhan	Metal nanoparticles and alloys produced by pulsed laser ablation in liquids for photocatalytic remediation	-	-	Elsevier 28 Jul 2024

9. Details of Impact Factor of the Publication and H-Index of the department :

- a) Range 1 – 9.45
- b) Average > 3
- c) H-Index 32

10. Sponsored Research (Ongoing / Granted) :

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned	Current Status
1.	S. Bhagavathy	DST-SERB	Synthesis of C-aryl septanosides as analogues of C-aryl glycosidic inhibitors	23.50	Ongoing
2.	Co-PI: Dr.K.Karthikeyan	ICMR	Structure-based Design and Development of Selective New Delhi Metallo beta lactamase-1 Inhibitors to Combat Antibiotic Resistance	63,00,000	Ongoing

11. Details of Major Equipment Purchased (Financial year 2023-24):

S.No	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount in Rs
1.	Electrochemical work station	-	-	-	-

12. Achievements of Faculty :

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr Vajiravel Murugesan	NPTEL-Domain Scholar & Discipline Star	MHRD-NPTEL-SWAYAM	January - April 2024

13. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.) :

S.No.	Name of the faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1	Dr Tuhin Subhra Dash	Chemistry of Main group elements	NPTEL-SWAYAM	January-April 2024
2	Dr Tuhin Subhra Dash	Metals in Biology	NPTEL-SWAYAM	July-September 2023
3	Dr M Asha Jhonsi	Research Methodology	NPTEL-SWAYAM	February-April 2024
4	Dr K Karthikeyan	Quantum Chemistry of Atoms and Molecules	NPTEL-SWAYAM	July –October 2023
5	Dr K Karthikeyan	Patent Law for Engineers and Scientists	NPTEL-SWAYAM	January-April 2024
6	Dr K Karthikeyan	Patent Drafting for Beginners	NPTEL-SWAYAM	January-Feb 2024
7	Dr A Shajahan	Industrial Inorganic Chemistry	NPTEL-SWAYAM	January-April 2024
8	Dr S Aravindhan	Pericyclic Reactions and Organic Photochemistry	NPTEL-SWAYAM	January-March 2024

9	Dr S Aravindhan	Classics in Total Synthesis - I	NPTEL-SWAYAM	July-October 2023
10	Dr Herbert Mabel J	Molecular Spectroscopy: A Physical Chemist's perspective	NPTEL-SWAYAM	January - April 2024
11	Dr K Karthikeyan	Molecular Spectroscopy: A Physical Chemist's perspective	NPTEL-SWAYAM	January - April 2024
12	Dr Vajjiravel Murugesan	Co-ordination Chemistry (Chemistry of Transition Elements)	NPTEL-SWAYAM	January - April 2024
13	Dr Vajjiravel Murugesan	Environmental Quality Monitoring & Analysis	NPTEL-SWAYAM	January - April 2024
14	Dr Vajjiravel Murugesan	Environmental Biotechnology	NPTEL-SWAYAM	July-December 2023
15	Dr Vajjiravel Murugesan	Basic Environmental Engineering and Pollution Abatement	NPTEL-SWAYAM	July-December 2023
16	Dr Noor Aman Ahrar Mundari	Industrial Inorganic Chemistry	NPTEL-SWAYAM	January-April 2024
17	Dr. Jasmine A Jacob	Faculty Orientation program	FDP	8 th to 13 th July 2024
18	Dr. Jasmine A Jacob	Refresher Course	FDP	30 June- 14 July 2023

14. Achievements of Students :

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Mohamed Basheer Ali	-	Best poster Award	-	-

15. Details of credit transfer through NPTEL/Swayam/MOOC courses :

S.No.	Name of the students	Name of the course	Name of the Online Learning Platform	Month & Year
1	II, MSc Chemistry (30 students opted for credit transfer, 26 qualified)	noc24-cy08 - Co-ordination chemistry (Chemistry of Transition Elements)	NPTEL-SWAYAM	January-April 2024

16. Developmental Activities of the Department (for branding/knowledge dissemination etc.) :

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1.	"Awareness Programme on Careers in Chemistry"	1 day	III B.Sc Students from Various colleges from Tamil Nadu	To create awareness among the students about higher education.	Created awareness among the 300 III B.Sc Chemistry students about higher education and job opportunities

2.	SRITP-2024	15.05.2024 to 14.6.2024	I M.Sc Students from Various colleges from Tamil Nadu	To promote awareness on the research activities.	awareness among the students to promote research activities and facilities available in the department.
3.	SRITP-2024	03-06-2024 - 18-06-2024	III B.Sc Students from Various colleges from Tamil Nadu	To promote awareness on the research activities.	Created awareness among the students to promote research activities and facilities available in the department.
4.	Hands-on Training on Instrumentation with Interpretation	3rd to 5th July 2024	Faculty , Scholars and Students from Various colleges from Tamil Nadu	To promote awareness on the research activities.	Create awareness among the faculty and students to promote research activities and facilities available in the department.

17. Professional Society Activities

S. No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1.	ALKEMIA	Awareness Programme on Careers in Chemistry on 27.2.2024	30	300	-	Dr.S.Ganesh, Sr. Principal Scientist, Organic & Bioinorganic Chemistry Division, CSIR-CLRI	Created awareness among the B.Sc Chemistry students about higher education and job opportunities in the various firms

18. Important Visitors:

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1.	Dr. M. Thirunavukkarasu	Director CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), Chennai Zonal Centre, CSIR Madras	2/04/2024 as subject expert for the PhD viva-voce	Award of PhD to Mrs. Immaculate Mercy
2.	Dr.A,Sivasamy	Prof & Head Department of Catalysis Science Laboratory	14/02/2024 as subject expert for the PhD viva-voce	Award of PhD to Mr.Gokul Easwaran

19. Photographs with relevant captions for Important Activities



SRITP-(Summer Research Internship Training Programme- 2024
 (Series I during 15.05.2024 to 14.6.2024, Series II during 3.06.2024 to 18.6.2024)



(Industrial Visit arranged on 17.06.2024)



Hands-on Training on Instrumentation with Interpretation organized during 3rd to 5th July 2024.

SCHOOL OF SOCIAL SCIENCES AND HUMANITIES

DEPARTMENT OF ENGLISH

DEPARTMENT OF PUBLIC POLICY

DEPARTMENT OF COMMERCE

DEPARTMENT OF ENGLISH

1. Value Added Programmes Offered

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	Online Communication in the Digital Age	January-April 2024	12 Weeks	NPTEL	09	01	-

Interdisciplinary Programmes Conducted

S. No	Name of Programme	Other departments involved	No. of Participants		Outcome of the Programme
			Students	Faculty	
1	"Shakespeare's Day" An Inter-Collegiate Event for UG Students	B.A. English, B.Tech, B.Com students	60	-	Celebrating Shakespeare in Contemporary Times and Motivating Students' literary and artistic talents.

2. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1	B.A English	I, II & III yr.	-	35	Mrs.N.Suguna	British Council Library	28.8.2023
Outcome of the Visit: Students interacted with young authors and it was motivating.							
2.	B.A.English	I, II & III yr.	-	35	Dr.Muththamizh Selvi S.I. & Dr.A.Sulochana & Mr.G.Hussain Basha	Dhakshin Chitra	29/2/2024
Outcome of the Visit: Sensitized about diverse cultures							

3. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Social Sciences, Languages and Culture	International Conference	12.10.2023 - 13.10.2023	Centre for International Relations,	40	-	93	-

	ICSSLC'23			School of Social Sciences & Humanities, and School of Arabic & Islamic Studies				
Details of Keynote Speakers : (i) Mr. Scott E. Hartmann, Cultural Affairs Officer, U.S. Consulate General, Chennai (ii) Dr. Katharina G6rgen, Director, Goethe Institute, Chennai (iii) Dr. Rizwanur Rahman, Professor, Ex-Chairperson, School of Language & Cultural Studies, JNU, New Delhi iv) Mrs. Nacchiyar, Writer, Orator and Founder - Tamil Africa, Tanzania, East Africa								
2	"AI-Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.03.2024	-	17	-	28	-
Details of Keynote Speakers : (i) Dr. Jehoson Jiresh, Assistant Professor of English at Christ, Deemed-to-be-University, Bengaluru								

4. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
1	Two-day International Conference on Social Sciences, Languages and Culture (ICSSLC'23)	Rs.2,08,356 /-	-----
2	One-day workshop on "AI-Driven Instructional Design for English Language and Literature Teaching"	Rs.21,000/-	BSACIST
3	One-Day Inter-Collegiate Event for UG Students - Shakespeare's Day	Rs. 65,000/-	BSACIST
4	One day Inter-school competition CresFesto '24	Rs.14,230/-	BSACIST

5. Conferences / FDP / Seminars / Workshops Attended by faculty

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1.	Dr.P.Rathna – 5				
	Social Sciences, Languages and Culture” ICSSLC ‘23		Conference	12.10.2023 to 13.10.2023	BSACIST
	“Outcome Based Education”		Workshop	9.01.2024	Office of the Dean Academic Affairs & School of Electrical and

				Communication Sciences, BSACIST
	Drillbit Extreme Plagiarism Detection Software	Online training session	12.02.2024	Central Library and the Office of the Dean (Research)
	"AI Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.3.2024	BSACIST
	Three ways to ensure equitable quality education for all learners in the classroom"	Webinar	19.06.2024	British Council
2	Dr.H.Sofia -14			
	"Breaking Boundaries: Exploring the intersection of LMS and ELT"	FDP	11.09.2023 to 16.09.2023	Research Culture Society
	"Trending Teaching Techniques"	FDP	10.10.2023 to 16.10.2023	HI Learn Edutech Institute
	"Question Paper Setting and Evaluation for OBE"	Workshop	06.11.2023	Office of COE & CITL, B.S. Abdur Rahman Crescent Institute of Science and Technology
	"Faculty in Universities/Colleges/ Institutes of Higher Education"	FIP	20.09.2023 to 19.10.2023	Teaching Learning College, Ramanujan College, University of Delhi
	Literary and Cultural Disability Studies	FDP	July to October 2023	NPTEL – AICTE
	Language, Literature and Question Paper Settings for Autonomous Colleges	FDP	05.03.2024 - 08.03.2024 & 11.03.2024.	Department of English, KECAS, Coimbatore
	"Popular Culture & New Readership"	Webinar	24.03.2024	ELTAI
	"Outcome Based Education"	Workshop	09.01.2024	Office of Dean Academic Affairs & School of Electrical and Communication Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology
	Research Methodology (Virtual Mode)	FDP	11.09.2023 to 17.09.2023	Department of English, SRM Institute of Science and Technology
	Digital Tools For Academic Research	FDP	15.02.2024 to 21.02.2024	HI Learn Edutech Institute
	"Writing Proposal for Funded Project"	Workshop	25.10.2023	GISS (Global Institute of Statistical Solutions)

	"Academic Writing - Ethical Issues"	Workshop	16.09.2023 to 18.09.2023	GISS (Global Institute of Statistical Solutions)
	"Innovative Teaching Practices in Higher Education"	Workshop	13.09.2023 & 14.09.2023	CITL, B.S. Abdur Rahman Crescent Institute of Science and Technology
	"Contemporary Literary Trends and Devices"	FDP	5.02.2024 to 11.02.2024	Department of English, SRM Institute of Science and Technology
3	Dr,Vijaya Kumar -2			
	Social Sciences, Languages and Culture	International conference	12th & 13th October	BSACIST
	"AI Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.3.2024	BSACIST
4	Dr. Md. Sahidul Islam – 3			
	Social Sciences, Languages and Culture	International conference	12th & 13th October	BSACIST
	"Outcome Based Education"	Workshop	9.01.2024	organized by the Office of the Dean Academic Affairs & School of Electrical and Communication Sciences, BSACIST
	"AI Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.3.2024	BSACIST
5	Dr. A. Catherine Anna Pushpam -8			
	"Digital Tools for Academic Research"	FDP	15.02.2024 to 21.02.2024	Hi Learn Edutech Institute, Karnataka
	"Reflexive Humanities"	Workshop	March 2024 - June 2024	Samyukta Research Foundation
	Differentiated Learning in Higher Education	Workshop	30.04.2024	Presidency University, Bengaluru
	"AI Tools"	FDP	24.10.2023 to 30.10.2023	Gokul Global Uniersity, Gujarat
	Social Sciences, Languages and Culture	Conference	12.10.2023 to 13.10.2023	BSACIST
	"Lives in Transition: Diaspora Narrative in Literature"	FDP	18.09.2023 to 24.09.2023	Gokul Global Uniersity, Gujarat
	"Academic Writing: Ethical Issues"	Workshop	16.09.2023 to 18.09.2023	Global Institute of Statistical Solutions (GISS)
	"AI Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.03.2024	BSACIST

6	Mrs.N.Suguna -10			
	"Three ways to ensure equitable quality education for all learners in the classroom"	online workshop	19.06.2024	British Council
	Design Thinking in pedagogy	Professional Development Programme	19.02.2024 to 23.02.2024.	NITTR, Ministry of Education, Government of India, Taramani, Chennai, India
	"AI-Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.03.2024	BSACIST
	Digital Tools for Academic Research	one-week National Online FDP	15.02.2024 to 21.02.2024	HI Learn Edutech Institute, Vijayapur, Karnataka
	Drillbit Extreme Plagiarism Detection Software	online training session	12 .02.2024	Central Library and the Office of the Dean (Research)
	Use of Artificial Intelligence in Teaching: Hands-on Practice	online one-week National Faculty Development Program	5.02.2024 to 10.02.2024	Career Development Cell of Gokul Global University
	Academic Writing: Ethical Issues by Dr.V.Gopakumar,	Three days International Online Workshop	16.09.2023 to 18.09.2023	Goa University
	"Innovation in Teaching & Learning"	Two-day workshop	13.9.2023 to 14.09.2023	NITTTR and IIT Madras
	"ChatGPT: A Teaching and Learning Tool"	Webinar	5.09 2023	NITTTR, Ministry of Education, Government of India, Taramani, Chennai, India
	Westminster International Webinars.	Webinar (International FDP on ICT & Language Learning)	14.08.2023 to 18.08.2023	Westminster College London & Sathyabama Institute of Science & Technology, Chennai
7	Dr. S. Sakthivel -10			
	"AI-Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.3.2024	BSACIST
	Embracing Duality in Demian by Herman Hesse	Webinar	30.07.2023	Vel Tech
	Futuristic Trends of Language-Impact of 21st century Learners	Six days FDP	14.08.2023 - 19.08.2023	Nehru Institute of Technology
	Effective Teaching Techniques in Classroom	FDP	22.09.2023	St. Anne Arts and Science College
	New Frontiers in Literary Research	9 days FDP	9.10.2023- 17.10.2023	Kristu Jayanti College

	Use of AI in Teaching: Hands on Practice	One week FDP	5.02.2024 11.02.2024	to	Gokul University Global
	Gamification and AI tools English Language Learning	Webinar	16.02.2024		Sri Kaliswari College
	Research Writing: Principles and Problem	7 days FDP	22.05.2024 28.05.2024	to	ELTAI
	Advanced Research Methodology	2 Weeks- Refresher Course	22-6 Oct. 2023		Ramanujan College, Delhi
	NEP 2020 Orientation & Sensitization Programme	10 days	19.02.2024 28.02.2024	to	IIITDM, Kanchipuram
8	Dr. MuththamizhSelvi S.I – 8				
	“Digital Tools for Academic Research”	FDP	15.02.2024 21.02.2024	to	Hi Learn Edutech Institute, Karnataka
	Research Methodology (Virtual Mode)	FDP	11.09.2023 17.09.2023	to	Department of English, SRM Institute of Science and Technology
	Social Sciences, Languages and Culture”	Conference	12.10.2023 13.10.2023	to	BSACIST
	“Three steps to integrate multilingualism in the classroom”	Workshop	21.02.2024		British Council
	“Faculty in Universities/Colleges/ Institutes of Higher Education	FIP	22.07.2023 20.08.2023	to	Teaching Learning College, Ramanujan College, University of Delhi
	Innovative Teaching Practices in Higher Education	Workshop	13.09 2023 14.09 2023	to	Centre for Innovation in Teaching and Learning and in association with NITTTR, Chennai.
	Usage of Drillbit Extreme Plagiarism Detection Software	Training	12.02.2024		Central Library and the Office of the Dean (Research)
	Developing Speaking Skills - How to Plan Lessons Targeting Speaking Sub- Skills	Webinar	21.06.2024		Language Cert
	Research Writings: Principles & Problems	FDP	22.05.2024.to 28.05.2024		Research Department of English with ELTAI
9	Dr.A.Sulochana -12				
	“Digital Tools for Academic Research”	FDP	15.02.2024 21.02.2024	to	Hi Learn Edutech Institute, Karnataka
	“Trending Teaching Techniques”	FDP	10.10.2023 16.10.2023	to	Hi Learn Edutech Institute

	"Lives in Transition: Diaspora Narratives in Literature"	FDP	18.09.2023 to 24.09.2023	Gokul Global University, Gujarat
	"Academic Writing - Ethical Issues"	FDP	16.09.2023 to 18.09.2023	GISS (Global Institute of Statistical Solutions)
	"How to Write a Thesis"	FDP	9, 10 & 11 th September 2023.	HI Learn Edutech Institute
	"Academic Writing - Ethical Issues"	Workshop	16.09.2023 to 18.09.2023	GISS (Global Institute of Statistical Solutions)
	"ChatGPT in Higher Education and Research"	Workshop	27.07. 2023	HI Learn Edutech Institute
	"Thesis Writing and Publication Ethics"	Workshop	10.08.2023 to 12.08. 2023.	Jointly Organized by Lavender Literary Club, India, Cape Comorin Trust, India, Malaysian Industrial Relations & Human Resource Association (MIRHA), Malaysia
	"Three steps to integrate multilingualism in the classroom"	Workshop	21.02.2024	British Council
	International Conference on Social Sciences, Languages and Culture"	Conference	12.10.2023 to 13.10.2023	BSACIST
	"Faculty in Universities/Colleges/ Institutes of Higher Education"	FIP	22.07.2023 to 20.08.2023	Teaching Learning College, Ramanujan College, University of Delhi
10	"AI Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.3.2024	BSACIST
	Dr. N. Sheik Hameed 3			
	"Digital Tools for Academic Research"	FDP	15.02.2024 to 21.02.2024	Hi Learn Edutech Institute, Karnataka
	International Conference on Social Sciences, Languages and Culture"	International Conference	12.10.2023 to 13.10.2023	BSACIST
11	4-week Faculty Induction Programme for "Faculty in Universities/Colleges/ Institutes of Higher Education"	FIP	22.07.2023 to 20.08.2023	Teaching Learning College, Ramanujan College, University of Delhi
	Dr. T. Sugadev -14			
	"Interdisciplinary Approach to Language Teaching"	Webinar	30.06.2024	ELTAI
	"Contemporary Visual Cultures: Diversifying Teaching and Research Practices"	FDP	14.06.2024 to 19.06.2024	School of Social Sciences & Humanities (VISH), VIT-AP

	"Financial Empowerment through Wealth Creation"	Webinar	04.06.2024	Centre for Distance & Online Education, BSACIST
	"Popular Culture & New Readership"	Webinar	24.03.2024	ELTAI
	"Three steps to integrate multilingualism in the classroom"	Workshop	21.02.2024	British Council
	Digital Tools For Academic Research	FDP	15.02.2024 to 21.02.2024	Hi Learn Edutech Institute, Karnataka
	"Outcome Based Education"	Workshop	09.01.2024	Office of Dean Academic Affairs and School of Electrical & Communication Sciences
	"Gamification Practices in Language Pedagogy"	PDP	18.12.2023 to 22.12.2023	National Institute of Technical Teachers Training and Research (NITTTR), Chennai
	"Empowering Academics through AI Tools"	FDP	24.10.2023 to 30.10.2023	Career Development Cell (CDC), Gokul Global University, Gujarat
	"Lives in Transition: Diaspora Narratives in Literature"	FDP	18.09.2023 to 24.09.2023	Career Development Cell (CDC), Gokul Global University, Gujarat
	ELTAI webinar 112 on "Artificial Intelligence in Language Classroom"	Webinar	30-07-2023	ELTAI
	Professional development webinar on "Literature Abstracts and Full Paper"	Webinar	26.07.2023	ELTAI
	Teacher Connect workshop: "How do I bring the real world into my classroom?"	Workshop	19.07.2023	British Council
	Professional development webinar on "Writing ELT Abstracts and Full Paper"	Webinar	19.07.2023	ELTAI
12	Dr.UmaMaheswari V - 9			
	"Effective Teaching Techniques in Classroom"	FDP	22.09. 2023	ST. ANNE'S ARTS AND SCIENCE COLLEGE
	Mahābhārata Epic across Asia: Ancient Indian Knowledge System Transcending Spatiotemporal Boundaries	Conference	03.06.2023	EFLU, Hyderabad.
	"Contemporary Literary Trends and Devices"	FDP	5.02.2024 to 11.02.2024	Department of English, SRM Institute of Science and Technology

	Purple international Summit on Inclusive Education	Conference	9.01.2024 11.01.2024	-	State Commission for Persons with Disabilities, Goa
	Unveiling Modern Desolation and the Search for Salvation across the Century Centennial Celebration of 'The Waste Land'	Seminar	24.09.2023 25.09.2023	-	Government Brajalal College Khulna, Bangladesh
	International Conference ICSSLC'23	Conference	12.10.2023 13.10.2023	-	BSACIST
	Business Analytics and Intelligence (2023-ICBAI)	Conference	18.12.2023 20.12.2023	-	IISc., Bengaluru
	NEP 2020 and Teaching and Learning of Language and Literature	Conference	21.06.2024 22.06.2024	-	GLA University, Mathura
	The RISE - 13th Global Summit	Conference	7.06.2024 9.06.2024	-	Davos Congress Centre, Switzerland
13	Dr. Sweta Ravindran - 16				
	"Breaking Boundaries: Exploring the intersection of LMS and ELT"	FDP	11.09.2023 16.09.2023	to	Research Culture Society
	"Trending Teaching Techniques"	FDP	10.10.2023 16.10.2023	to	HI Learn Edutech Institute
	"Question Paper Setting and Evaluation for OBE"	Workshop	06.11.2023		Office of COE & CITL, B.S. Abdur Rahman Crescent Institute of Science and Technology
	"Faculty in Universities/Colleges/Institutes of Higher Education"	FIP	20.09.2023 19.10.2023	to	Teaching Learning College, Ramanujan College, University of Delhi
	Literary and Cultural Disability Studies	FDP	July to October 2023		NPTEL - AICTE
	Language, Literature and Question Paper Settings for Autonomous Colleges	FDP	05.03.2024 08.03.2024 11.03.2024	- &	Department of English, KECAS, Coimbatore
	"Popular Culture & New Readership"	Webinar	24.03.2024		ELTAI
	"Outcome Based Education"	Workshop	09.01.2024		Office of Dean Academic Affairs & School of Electrical and Communication Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology
	Research Methodology (Virtual Mode)	FDP	11.09.2023 17.09.2023	to	Department of English, SRM Institute of Science and Technology

	Digital Tools for Academic Research	FDP	15.02.2024 21.02.2024	- HI Learn Edutech Institute
	"Writing Proposal for Funded Project"	Workshop	25.10.2023	GISS (Global Institute of Statistical Solutions)
	"Academic Writing - Ethical Issues"	Workshop	16.09.2023 18.09.2023	to GISS (Global Institute of Statistical Solutions)
	"Innovative Teaching Practices in Higher Education"	Workshop	13.09.2023 14.09.2023	& CITL, B.S. Abdur Rahman Crescent Institute of Science and Technology
	"Contemporary Literary Trends and Devices"	FDP	5.02.2024 11.02.2024	- Department of English, SRM Institute of Science and Technology
	"Effective Teaching Techniques in Classroom"	FDP	22.09.2023	ST. ANNE'S ARTS AND SCIENCE COLLEGE
	Developing the four skills with Grammar and Vocabulary as a core component, in preparation for the British Council Aptis test"	Workshop	29.09.2023 30.09.2023	- British Council
14	Dr. S. Poornima -12			
	Teaching Learning Process, Research and Professional Development in Higher Education	FOP	8th - 13th July	BSAICST
	Cultural Hetrogeneity in Language, Linguistics & Literature	FDP	01.07.2024 06.07.2024	to BSAICST
	"AI Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.3.2024	BSACIST
	Social Sciences, Languages and Culture"	Conference	12.10.2023 13.10.2023	to BSACIST
	Research Methodology (Virtual Mode)	FDP	11.09.2023 17.09.2023	to Department of English, SRM Institute of Science and Technology
	"Innovative Teaching Practices in Higher Education"	Workshop	13.09.2023 14.09.2023	& CITL, B.S. Abdur Rahman Crescent Institute of Science and Technology
	Researching, Writing, Editing and Publishing	Workshop	21.05.2023 23.05.2023	- Organized by Lavender Literary Club, India, Cape Comorin Trust, India, Malaysian Industrial Relations & Human Resource

				Association (MIRHA), Malaysia
	Innovation in the Art of Teaching English Language and Literature	FDP	27.02.2023 - 4.03.2023	Presidency University, Bengaluru
	Contemporary Literary Trends and Devices"	FDP	5.02.2024 - 11.02.2024 -	Department of English, SRM Institute of Science and Technology
	"Writing Proposal for Funded Project"	workshop	25.10.2023	GISS (Global Institute of Statistical Solutions)
	"Academic Writing - Ethical Issues"	workshop	16.09.2023 to 18.09.2023	GISS (Global Institute of Statistical Solutions)
	"Faculty in Universities/Colleges/ Institutes of Higher Education	FIP	20.09.2023 to 19.10.2023	Teaching Learning College, Ramanujan College, University of Delhi
15	Dr. H. Asharafunisha - 6			
	"Faculty in Universities/Colleges/ Institutes of Higher Education	FIP	20.09.2023 to 19.10.2023	Teaching Learning College, Ramanujan College, University of Delhi
	Literary and Cultural Disability Studies	FDP	July to October 2023	NPTEL - AICTE
	Research Methodology (Virtual Mode	FDP	11.09.2023 to 17.09.2023	Department of English, SRM Institute of Science and Technology
	"Innovative Teaching Practices in Higher Education"	Workshop	13.09.2023 & 14.09.2023	CITL, B.S. Abdur Rahman Crescent Institute of Science and Technology
	Developing the four skills with Grammar and Vocabulary as a core component, in preparation for the British Council Aptis test"	Workshop	29.09.2023 - 30.09.2023	British Council
	"Academic Writing - Ethical Issues"	Workshop	16.09.2023 - 18.09.2023	GISS (Global Institute of Statistical Solutions)
16	Mr. Hussain Basha G - 4			
	"Digital Tools for Academic Research"	FDP	15.02.2024 - 21.02.2024	Hi Learn Edutech Institute, Karnataka
	Social Sciences, Languages and Culture"	Conference	12.10.2023 - 13.10.2023	BSACIST

	"AI Driven Instructional Design for English Language and Literature Teaching"	Workshop	22.3.2024	BSACIST
	"Three steps to integrate multilingualism in the classroom"	Workshop	21.02.2024	British Council

7. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2023 -June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	-	-	-	21	9	-	30

8. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

- a) SCI/Scopus Indexed Journal - 9
- b) Other journals – 21

1. S. Prabha & Dr. P. Rathna. " Perception of Ecoethics in Ruth Ozeki's Novel, My Year of Meats: A Glimpse into the Horrors of Food Industry " Humanities and Social Studies Journal, Vol.12 issue (2) No. 09. July - October 2023, PP. 83 - 86 (UGC CARE)
2. Lincy Manuel & Dr. P. Rathna. "The Intersection of Sustainable Development Goals (SDGs) and Tribal Human Rights - A Study of Mamang Dai's The Black Hill" Humanities and Social Studies Journal, Vol.12 issue (2) No. 09. July - October 2023, PP. 37 - 42 (UGC CARE)
3. Christy Issac & Dr. P. Rathna published an article titled, " Exploring Electronic Literature in the light of Meta modernism" Humanities and Social Studies Journal, Vol.12 issue (2) No. 09. July - October 2023, PP. 67 - 72 (UGC CARE)
4. S.D. Poojaa, H. Sofia "Saree as an Identity of Indian Women". Humanities and Social Science Studies, Vol. 12 Issue (2) No 09 July – December: 2023 ISSN 2319-829X
5. Rabia Begum M, H. Sofia "Isolated Lives in Dystopia- A Study on Suzanne Weyn's the Barcode Tattoo". Humanities and Social Science Studies, Vol. 12 Issue (2) No 09 July – December: 2023 ISSN 2319-829X
6. Sofia H. "Embracing Digital Tools to Design Materials for A New Humanity", Shanlax International Journal of English Volume 12 Special Issue 1, December 2023 P-ISSN 2320-2645 E-ISSN 2582-3531
7. S.Ashifa Barjana 1, Dr. H. Sofia 1 Food - The Replica Of One's Psyche JARJ, Vol. 5, No. 1, 79-82, 2024 P-ISSN: 0973-0303 E-ISSN: 2582-5941
8. Mathumathi, P., Vijayakumar S, et al. (2024) "Assessment of Factors That Affect Students' Business Writing Skills." World Journal of English Language, vol. 14, no. 5, 19 June 2024, p. 424, <https://doi.org/10.5430/wjel.v14n5p424>. Accessed 20 June 2024. www.sciedupress.com/journal/index.php/wjel/article/view/25393
9. Vijayakumar et al., (2024) Autonomous Language Learning in CALL Environments Using Transactional Distance Theory. (2024) Computer Assisted Language Learning Electronic Journal (CALL-EJ), 42(1), 2024, 63-83 Q-1 Journal Vol-25(1) 328-351. <https://caliej.org/index.php/journal/article/view/99>
10. Prakash, Vijayakumar. S, Pallavi, J. K. Abbas, S. J. Naser and N. H. Haroon, "Enhancing Natural Language Processing with Deep Learning for Sentiment Analysis," 2024 (ICONSTEM), 2024, pp. 1-5, doi:10.1109/ICONSTEM60960.2024.10568829. <https://ieeexplore.ieee.org/document/10568829>
11. Vijayakumar. S "Ethnocentrism to Cultural Relativism: A Food Journey of Hassan Haji's Family in Richard C. Morais' the Hundred-Foot Journey." World Journal of English Language, vol. 14, no. 5, pp. 526-534, <https://doi.org/10.5430/wjel.v14n5p526>. <http://www.sciedupress.com/journal/index.php/wjel/article/view/26110/16172>
12. Sajida. P & Vijayakumar (2024) "Incorporating UDL in Tertiary Level Curriculum to Foster Effective Communication Skills in Students | Journal of ELT and Education". jee.helloteen.org/journal/72246/. Accessed 20 June 2024. <https://jee.helloteen.org/journal/72246/>

13. A Sathikulameen, M Ahamedullah, A.M. Ali Ibrahim, Thameem Ansari, and Vijayakumar Selvaraj (2024) "A Qualitative Exploration of the Impact of Fostering AFL Learners' Vocabulary Skills Using BBC Arabic Live News." *I J a Z a R a B I : J O U R N a L O F a R a B I c L E a R N I N G*, vol. 7, no. 2, 26 June 2024, pp. 424–437, ejournal.uin-malang.ac.id/index.php/ijazarabi/article/view/24313/11467, <https://doi.org/10.18860%20/ijazarabi.%20V7i2.24313>.
14. Vijayakumar, S. (2024). Interdisciplinary areas of research in applied linguistics. *Journal of the Oriental Institute*, 20(2), 83-88.
https://www.researchgate.net/publication/382621885_Interdisciplinary_Areas_of_Research_in_Applied_Linguistics
15. Dr. Md. Sahidul Islam, Dr. S. Vijayakumar and Dr. N. Sheik Hameed. "Portrayal of Identity, Freedom and Social Standing in Amitav Ghosh's *The Shadow Lines*." *Dhīmahī* Vol. 20 Issue 02. 2023: 01-04 (ISSN 0976-3066) UGC CARE Listed.
16. Dr. Md. Sahidul Islam, Dr. N. Sheik Hameed and Dr. S. Vijayakumar. "Anxieties of Motherhood and Search for Self in a Patriarchal Society in Afghanistan with reference to Nadia Hashimi's *The Pearl That Broke Its Shell*" *Dharmadoot*. Vol. 90 Issue:02. 2023:1-4. (ISSN: 2347-3428) UGC CARE Group 1,
17. Dr. N. Sheik Hameed, Dr. Md. Sahidul Islam and Dr. S. Vijayakumar. "Neuroscientific Insights into Memory Trauma in Virginia Woolf's Works". *Journal of the Asiatic Society of Mumbai*. Vol. 01, No. 1: 2023: 46-50. ISSN 0972–0766 (UGC CARE).
18. Zaid Akhter and Dr. Md. Sahidul Islam. "Ecological Disparities and Urban Aspirations: A Study of Aravind Adiga's *The White Tiger* in the Context of Rural-Urban Shift in India". *Humanities and Social Science Studies*. Vol. 12 Issue (2) No. 09:2023: 63-66. Print. ISSN 2319-829X (UGC CARE)
19. Zaid Akhter and Dr. Md. Sahidul Islam. "The Multifaceted Realities of Modern Mumbai: A Narrative Exploration of Crime, Corruption, and Glamour in Vikram Chandra's *Sacred Games*". *Journal of the Asiatic Society of Mumbai*. Vol.102. Issue No.1:2024: 100-108. Print. ISSN: 0972-0766 (UGC CARE)
20. Zaid Akhter and Dr. Md. Sahidul Islam. "Urban Ecocriticism and Kolkata's Metamorphosis: A Narrative Exploration of the Environmental Crisis in Jhumpa Lahiri's *The Lowland*". 3L: Language, Linguistics, Literature@ The Southeast Asian Journal of English Language Studies. Vol 30(1), March 2024:36-49. <<http://doi.org/10.17576/3L-2024-3001-04>>. eISSN: 2550-2247 & ISSN: 0128-5157. (Scopus)
21. Catherine Anna Pushpam, "Situating Women of the Mughal in History and Historical Fiction," *Humanities and Social Science Studies*, Vol. 12, issue 2, no. 9, pp. 125-134, 2023
22. Mrs. N. Suguna & Dr.S.Vijayakumar, 'Enhancing Language Fluency Using Neurolinguistic Programming' published in *Dhīmahī Research Journal of Chinmaya International Foundation Shodha Sansthan* UGC CARE Listed in 2024 Volume – 25, Issue -05- 2024. ISSN 0976-3066
23. Mrs. N. Suguna & Dr.S.Vijayakumar, "Enhancing ESLI speaking skills at the tertiary level: a comparative study of Suggestopedia, Neurolinguistic, and TBLT methods" in *Journal of the Asiatic Society of Mumbai* in 2024 Vol. – 102. Issue No.-1. 2024. ISSN : 0972-0766
24. S. Hemalatha, Dr. S. Sakthivel. Study of Metacognition and Reading Comprehension. AIP. AIPCP23-CF-ICMSA21-00243. 978-0-7354-4724-0. (Scopus). <https://doi.org/10.1063/5.0173417>.
25. M. Prabhakaran, Dr. S. Sakthivel. Anger, Cause and Consequences in John Osborne's *Look Back in Anger*. AIP. AIPCP23-CF-ICMSA21-00237. 978-0-7354-4724-0. (Scopus) <https://doi.org/10.1063/5.0179857>
26. L. Aruldoss, Dr. S. Sakthivel, ...Loss and Recovery of Faith in God with reference to George Eliot's *Silas Marner*. AIP. AIPCP23-CF-ICMSA21-00236. 978-0-7354-4724-0. (Scopus).
27. Dr. S. I. Muththamizh Selvi, Mrs. A. Catherine Anna Pushpam & Dr. A. Sulochana, "Narrative Techniques in Munshi Premchand's *'The Shroud'* and *'The Chess player'*" in *Humanities and Social Science Studies*, vol. 12, issue 2, no. 9, pp. 105-110, 2023.
28. Dr.A. Sulochana, Dr. S. I. Muththamizh Selvi, & Mrs. A. Catherine Anna Pushpam, "Gender Dynamics in Chetan Bhagat's Fiction: An Exploratory Analysis" in *Humanities and Social Science Studies*, Vol. 12, issue 2, no. 9, pp. 105-110, 2023.
29. Dr.A. Sulochana, "Voices of Dissent: Unveiling Resistance in *The Gypsy Goddess* by Meena Kandasamy". Published in the *Journal of the Oriental Institute*; ISSN:0030-5324. Vol.72, Issue.02, No.1:2023.
30. Mr. Syed Fuzail Kaunsar & Dr. A. Sulochana. "People are Strange When You're A Stranger": An Analysis Of Self-Alienation in Haruki Murakami's *Norwegian Wood*", *The Maha Bodhi (The International Buddhist Journal)*, ISSN-0025 0406.
31. Dr. N. Sheik Hameed, Dr. Md. Sahidul Islam and Dr. S. Vijayakumar. "Neuroscientific Insights into Memory Trauma in Virginia Woolf's Works". *Journal of the Asiatic Society of Mumbai*. Vol. 01, No. 1: 2023: 46-50. ISSN 0972–0766 (UGC CARE)

32. Dr. Md. Sahidul Islam, Dr. S. Vijayakumar and Dr. N. Sheik Hameed. "Portrayal of Identity, Freedom and Social Standing in Amitav Ghosh's The Shadow Lines." Dhīmahī Vol. 20 Issue 02. 2023: 01-04 (ISSN 0976-3066) UGC CARE Listed.
33. Dr. Md. Sahidul Islam, Dr. N. Sheik Hameed and Dr. S. Vijayakumar. "Anxieties of Motherhood and Search for Self in a Patriarchal Society in Afghanistan with reference to Nadia Hashimi's The Pearl That Broke Its Shell" Dharmadoot. Vol. 90 Issue:02. 2023:1-4. (ISSN: 2347-3428) UGC CARE Group 1
34. Dr. Uma Maheswari Viswanathan & Sangeetha K, "Voice of the East in Eliot and Oppenheimer" in BL College Journal Vol.V, issue 2, pp. 85-91, 2023.
35. Dr. Uma Maheswari Viswanathan & Sreelakshmi V S. "A Corpus-based Study of Science Keywords in NCERT Textbooks", The English Classroom, Vol. 26, issue 1, pp.15-25, 2024.
36. Dr. Uma Maheswari. V., Dr. Sofia. H., Dr. Suhasini Shankar. "Rethink the Role of Prescriptive Grammar – An Experimental Study at Tertiary Level", Indian Journal of Technical Education ISSN 0971-3034 Volume,11 Issue, 3 Dec, 2023
37. Dr. Sweta Ravindran "Ecocritical Analysis of Edgar Allen Poe's Select Short Stories" in the International Journal of English and Studies (IJOES), An International Peer-Reviewed Journal; Volume-5, Issue-9(September Issue), 2023. ISSN: 2581-8333
38. Poornima S., Arunprabu C.S., Kaviarasu K., Maniam M. Awareness of the Cultural Ego and Gender in Lonely Marriages by Shantichitra. World Journal of English Language, Vol.12(3), pp.249-253, July.2023. <https://www.scopus.com/authid/detail.uri?authorId=57950101900>
39. Poornima S., Arunprabu C.S., Kaviarasu K., "A Parallel Study in A Hundred and One Days: A Journal by Asne Seierstad", European Chemical Bulletin ECB, Vol. 12, Issue. 2, July, 2023. ISSN 2063-5346.

12. International Conference & National Conference:

- a) Conference with ISBN Proceedings
- b) Other Conferences

- Dr. H. Sofia "Using Digital Game-Based Learning to Teach Poetic Devices" Proceedings of International Conference on Mew Waves in Language & Literature '24, Literary Trinkets, Sri Krishna Arts and Science College, 29.02.2024 & 1.03.2024


13. Book(s) Published

S. No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country & Month of publication	Availability status
			Rs	\$		
1	Dr. Uma Maheswari. V	Step Up Your PISA Skills – English and Science, Advance Level (Book)	285	-	Notion Press / India / June	Available
2.	Dr. Sweta Ravindran	Voices of the Unheard: A Critique of Jing Jing Lee's How We Disappeared	-	-	VR1 Publications/ India/ March	Available
3.	Dr. A. Sulochana	Beyond the Book: Literature in the Digital Humanities Realm	199	-	Cape Comorin Publisher Kanyakumari, Tamilnadu, India.	Available
4	Dr. S. Poornima	Psychological Trauma in Ayobami Adabeyo's Stay with Me (Chapter in the book Humanity in Health)	-	-	VR1 Publications/ India/ March	Available
5	Dr.S.Vijayakumar	Digital Literature and Interactive Storytelling	-	-	Cape Comorin publisher. 978-93-94510-61-6	https://ia601302.us.archive.org/8/items/e-book_2024_0127_1822/E-Book.pdf
6	Dr. T. Sugadev	English in Action: Gamified Lesson Plans for	199	-	Island Publishers Tamilnadu, India E-ISBN: 978-93-	Available

		English Teachers			93333-79-7	
7	Dr. N. Sheik Hameed	The Literary Mind: Exploring Themes in Mental Health	199	-	Cape Comorin Publisher Kanyakumari, Tamilnadu, India	https://archive.org/details/e-book_202401/page/n11/mode/2up

14. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents			
			Filed	Published	Granted	Proof
1.	Dr.Muththamizh Selvi S.I.	Ai – Assist Tool to Improve the Accuracy and Dependability of Automated Speech and Writing Assistance	-	12.01.2024	-	https://search.ipindia.gov.in/IPOJournall/Journal/Patent
2.	Dr. T. Sugadev	Adaptive Learning Platforms for Learning a Second Language for Disabled Children	-	Publication Date: 22/12/2023	-	2H. Patent - Adaptive Learning.pdf
3.	Dr. T. Sugadev	Data Processing Device to Analyse Teacher Performance”, Journal No:12/2024, Design No.405847-001,	-	Publication Date: 22/03/2024	-	Patent With Grants
4.	Dr. A. Sulochana	Ai – Assist Tool to Improve the Accuracy and Dependability of Automated Speech and Writing Assistance	-	12.01.2024	-	https://search.ipindia.gov.in/IPOJournall/Journal/Patent
5.	Dr. S. Sakthivel	Adaptive Learning Platforms for Learning a Second Language for Disabled Children (page no – 256)	-	Published on 22/12/2023	-	https://drive.google.com/file/d/1iNI_Ftw1Lhc_av36aLLhM1aZF6OFS C1N/view
6.	Dr. S. Sakthivel	Analysis of Roles and Responsibilities of Language Teachers (page no - 250)	-	Published on 22/03/2024	-	https://drive.google.com/file/d/1CRmLfmlQfMLJ7JztchjtyLJ4CWNEk owk/view
7.	Dr. S. Sakthivel	English Amplified: Harnessing Technology for Enhanced Language Learning (page No – 279)	Filed on 09/04/ 2024	-	-	https://drive.google.com/file/d/1v68GeZWFKY7Cq Q67Id4JkllErPxY tDr3/view

8.	Dr.Vijaya kumar	Data processing device to analyse teacher performance (Design No. 405847-001). Government of India, Office of the Controller General of Patents, .	-	Published	-	
9.	Dr.Vijaya kumar	Adaptive Learning Platforms for Learning a Second Language for Disabled Learning, Grant No.202341057846 A Publication	-	22.12.2023	-	https://search.ipindia.gov.in/IPOJourn/Journal/Patent
10.	Dr.Vijaya kumar	Enhancing multilingual natural language processing in educational applications through deep learning	-	2024	-	(Patent No. 202441052093) Government of India, Office of the Controller General of Patents, Designs & Trade Marks, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry.
11.	Dr.Sheik Hameed	Ai – Assist Tool to Improve the Accuracy and Dependability of Automated Speech and Writing Assistance	-	12.01.2024	-	https://search.ipindia.gov.in/IPOJourn/Journal/Patent

15. Details of Impact Factor of the Publication and H-Index of the department

- A) Range - 1.1
- B) Average – 1.31
- C) H-Index – 57
- D) No. In Scopus – 6

16. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr. A. Catherine Anna Pushpam	Secured Top 1% in the NPTEL course on “Soft Skills”	NPTEL	October, 2023
2	Dr. A. Sulochana	Secured Top 5% in the NPTEL course on “Soft Skills”	NPTEL	October, 2023
3	Mrs.N.Suguna	Mentor for the course Soft skills	NPTEL	July - December 2023

4.	Dr. S. Sakthivel	Mentor for Online course Communication in the Digital Age	NPTEL	January – April 2024
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17. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1	Dr.P.Rathna	Introduction to Teaching Creative Writing	Futurelearn	November,2023
2	Dr. A. Catherine Anna Pushpam	Soft Skills	NPTEL	July - October 2023
3	Mrs.N.Suguna	Unlocking the creative Brain	Future learn	November, 2023
4	Dr.Muththamizh Selvi S.I.	Soft Skills	NPTEL	July - October 2023
5	Dr.Muththamizh Selvi S.I.	Short Fiction in Indian Literature	NPTEL	July - October 2023
6	Dr. T. Sugadev	Film Appreciation	NPTEL	July - October 2023
7	Dr. Sweta Ravindran	Literary and Cultural Disability Studies	NPTEL	July - October 2023
8	Dr. Sweta Ravindran	TEFL	The TEFL Academy	December 2023 to February 2024
9	Dr. A. Sulochana	Soft Skills	NPTEL	July - October 2023
10	Dr. S. Sakthivel	Leadership and Team Effectiveness(12 Weeks)	NPTEL	January- April 2024
11	Dr. S. Sakthivel	Online Communication in the Digital Age(12 Weeks)	NPTEL	January- April 2024
12	Mr. G. Hussain Basha	Soft Skills	NPTEL	July - October 2023

18. Achievements of Students

S. No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Chakravarthi Chandrasekaran	221481601006	Secured Top 5% in the, "Feminist Writing".	NPTEL Course	July 2023 to October 2023.
SEM – 2					
1	Fahima S	231481601004	1st place - Freeze the Moment - Zephyr's Sahitya 2024 Litfest	Department of English & Foreign Languages, SRM Institute of Science & Technology	February 2024
2	Jagaseswaran. S	231481601008	1st place - Crescita	Crescent School of Pharmacy, BSACIST	April 2024

SEM – 4					
3	Nakshatra.M.R	221481601011	Face painting (MCC) Winner 2nd Prize	(MCC)	March 2023
4	Prince Samuel.A.G	221481601012	Photography(D) Winner 2nd Prize	(DG vaishnav)	February 2024
5	Subha Shree	221481601015	Face painting Winner 2nd Prize	(MCC)	March 2023
SEM – 6					
1	Mary Jacklin C	221481601004	3rd prize in Adzap	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, Chennai	6.02.2024
2	Noorul Hidayah S	221481601006	3rd prize in Adzap	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, Chennai	6.02.2024
3	Hari Shankar Raja. V	221481601002	1 st prize in "Freeze the Moment"	SRM University, Chennai	8.02.2024 & 9.02. 2024.
4	Hari Shankar Raja. V	221481601002	2nd prize in Mime	Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai.	17.02.2024
5	Nazneen M	221481601005	2nd prize in Mime	Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai.	17.02.2024
6	Noorul Hidayah S	221481601006	2nd prize in Mime	Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai.	17.02.2024

19. Details of credit transfer through NPTEL/Swayam/MOOC courses

S.No	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1	Afreen Fathima M J, B.A. English	221481601002	Feminist Writings	4	A
2	Anshiya, B.A. English	221481601003			B
3	Aren Runa A N, B.A. English	221481601004			A
4	Chakravarthi, B.A. English	221481601006			S
5	Dhanya S, B.A. English	221481601007			B

6	Jasper Leethiyal W, B.A. English	221481601009			B
7	Nakshatra M R, B.A. English	221481601011			A
8	Shariba Kauser, B.A. English	221481601013			B
9	Subha Shree, B.A. English	221481601015			A
10	Swarna Rekha S, B.A. English	221481601016			A

20. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Theatre for Learning	16.9.2023	B.A English Students	To promote a thorough understanding of how theatre can be used in teaching and learning.	The event sparked a deeper understanding of how theatre can transform education.
2	Cres Festo 2024	20/04/2024	Higher Secondary School students	To enhance their literary knowledge & to promote competitive spirit among them.	Promotion of BA English programme among school students

21. Industry / Institute Collaboration

S.No	Name & Detail of Industry	Type of Collaboration	Month & Year	Status	Outcome
1.	Cambridge University Press & Assessment	Conduct of English proficiency test for B.Tech students	November,2023	Ongoing	MoU to be signed

22. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1	Inter-Collegiate Event for UG Students - Shakespeare's Day	Intercollegiate activity	16	250	-	Mr. Regin Rose, Founder-Director, Chennai Theatre Academy	Motivating Student's literary and artistic talents
2	Lit Trivia	Intra-Dept Event	16	45	-	-	All the Students of B.A. English participated in the literary events

3	Society Inauguration of Crescent Literarian Hub	Society Inauguration	16	200	-	Mr. S. Ram - Theatre Artist, Chief Guest	Encourages B.A. English Students to take part in the various intra-dept activities of the Hub.
4	Lit Tree	Intra-Dept Event	16	45	-	-	All the Students of B.A. English participated in the literary events
5	Enchantopia	Intra-Dept Event	16	45	-	-	All the Students of B.A. English participated in the literary events

23. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1	Mr. Arunachalam. T. K	Regional Director (English), South Asia	November 2023, to present the Partnership Milestone Award in recognition of our sustained collaboration with Cambridge University Press and Assessment, since 2010.	Planning to introduce LinguaSkill exam for B.Tech students from AY 2024-25 onwards
2	Ms.Padmaja Shivkumar	Linguaskill Orientation for Faculty	19/10/2023 Resource Person	
3	Mr. Scott E. Hartmann	Cultural Affairs Officer, U.S. Consulate General, Chennai	12 & 13 October 2023 International Conference on Social Sciences, Languages and Culture, ICSSLC'23.	
4	Dr. Katharina Görgen	Director Goethe Institute, Chennai.		
5	Dr. Rizwanur Rahman	Professor, Ex-Chairperson, School of Language & Cultural Studies, JNU, New Delhi.		
6	Mrs. Nacchiyar	Writer, Orator and Founder - Tamil Africa, Tanzania, East Africa		

24. Any other academic relevant information

- The Regional Director (English), South Asia, Mr. Arunachalam. T. K presented the Partnership Milestone Award to our Institute in November 2023, in recognition of our sustained collaboration with Cambridge University Press and Assessment, since 2010.
- Creslitt Opus'24, a students' magazine prepared by BA English students was released on 29.04.2024 during the Shakespeare's Day celebration.

Dr.S.Vijaya Kumar

- Delivered an online invited talk on universal design of learning and humanistic approaches on 7th February 2024 at Unitar University, Malaysia
- Resource person to the online FDP on Innovative Strategies for Creative Classroom Teaching" organized by the School of Advanced Sciences and Social Sciences and Languages, Vellore Institute of Technology (VIT), Chennai from 19th to 23rd February 2024.
- Gave a Keynote address at the one-day workshop on using AI to teach, test, and research. Department of Mathematics & English, St. Joseph's College of Engineering, Chennai, India on 8.03.2024.
- Resource person for Bhakti & Sufi aesthetics in poetics, literature, and culture [Session presentation]. Six-Day International Online Faculty Development Programme on Cultural Heterogeneity in Language, Linguistics and Literature, B. S. Abdur Rahman Crescent Institute of Science and Technology in collaboration with University of Strathclyde, Scotland on 6.07.2024.

Dr. A Catherine Anna Pushpam

- Delivered a lecture on "Mastering the Art of Interviewing: Techniques, Tips, & Strategies for Success" on 15th May 2024 for the students of Rajalakshmi Institute of Technology, Chennai.
- Delivered a special lecture on "Capitalizing on Communicative Competence in Digital Age" on 5th March 2024 for the BBA & MBA students of Krirk University, Thailand
- Delivered a lecture on "Cultivating Reading Habit: Unlocking the Power of Knowledge" on 30th January 2024 for the students at Crescent School, Vandalur.

25. Photographs with relevant captions for Important Activities



Releasing of Students' magazine Creslitt Opus'24 by Chief Guest Mr. Regin Rose in the Inauguration of Shakespeare's Day on 29-04-2024



Inaugural Session of the one-day workshop on AI-Driven Instructional Design for English Language and Literature Teaching on 22.03.2024



Hands-on training for the participants of the one-day workshop on AI-Driven Instructional Design for English Language and Literature Teaching



The Regional Director (English), South Asia, Mr. Arunachalam. T. K presented the Partnership Milestone Award to our Institute in November 2023, in recognition of our sustained collaboration with Cambridge University Press and Assessment, since 2010.



Inaugural Session of the international conference on Social Sciences, Languages, and Culture – ICSSLC'23



Hon'ble Pro-Vice chancellor Prof. N. Thajuddin honoring the Chief Guest Mr. S. Ram, Theatre Artist in the Society Inauguration of Crescent Literarian Hub on 22-09-2023



Three students of final year BA English (Hons.) Mr. Harishankar Raja, Mr. Akash and Ms. Nazneen did internship at the office of Dean Academic Affairs by way of proofreading and editing. They received certificates from the Dean Academic Affairs



Mr.Chakravarthi Chandrasekaran secured top 5% in the NPTEL Course, “Feminist Writing”.



Mary Jacklin, Noorul Hidayas and Kasturi Bai of semester VI receiving 3rd prize in Adzap at Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, Chennai.



Harishankar Raja (III yr. B.A. English (Hons.) receiving the 1st prize in “Freeze the Moment” at Sahitya 2024 Litfest at SRM

DEPARTMENT OF PUBLIC POLICY

1. Value Added Programmes Offered

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	No. of Participants		
				Students	Faculty	Others
1.	TNPSC Integrated Coaching	05/02/2024 – 31/07/2024	6 Months	110	4	1

2. Training Programmes Offered

S. No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1.	Summer Internship Training Program	23 rd June - 6 th July 2024	13 Days	Veranda IAS Academy	47	5	1

3. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	Industrial Visit	III	A	60	Dr. K. Venkatakrishnan, Dr. Ramshin Rahiman Ms. Lija Shaji Mr. M.Murugan	Nisarga Coffee Company Pvt. Ltd , Chickmangalore	25.10.2023 – 29.10.2023
Outcome of the Visit: To learn the process of the coffee company and manufacturing process and management of the industry.							
2.	Industrial Visit	V	A	49	Ms. K.B.Sreerenjini Dr. Ramshin Rahiman Dr. K. Venkatakrishnan Mr. Purushothaman	Vayanadu, Alapula (Kerala)	05.11.2023 - 10.11.2023
Outcome of the Visit: To know the village settlement and social stratification of the people							

4. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
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1	Dr. R. Radhai	NEP -2020 Orientation and Sensitization (Virtual Mode)	FDP	5 th July 2024 - 13 th July 2024	Malaviya Mission Teaching Training Centre, University of Hyderabad
2	Dr. Towseef Ahmad Ganai	Teaching Writing Using LaTeX (Virtual Mode)	International Workshop	30 March 2024 – 5 th April 2024	VIT AP University Amaravathi
		NEP -2020 Orientation and Sensitization (Virtual Mode)	FDP	5 th July 2024 - 13 th July 2024	Malaviya Mission Teaching Training Centre, University of Hyderabad
		Teaching Learning Process, Research and Professional Development in Higher Education	FDP	8 th July 2024 – 13 th July 2024	BSARCIST, Vandalur, Chennai
3	Dr. S.Venkata Logesh	NEP -2020 Orientation and Sensitization (Virtual Mode)	FDP	5 th July 2024 - 13 th July 2024	Malaviya Mission Teaching Training Centre, University of Hyderabad
4	Dr. S. Santhanakkumar	Cultural Dimensions of Epigraphical Heritage in Karnataka	National Webinar	13 th August 2024	Smt. Bangaramma Sajjan Arts, Commerce and Science College for Women, Vijayapura

5. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2023-June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	-	-	-	-	-	1	1

6. Details (list)of Publication in National & International Journals & Conferences:

1. Dr. Towseef Ahmad Ganai "Human Rights Violation in Israeleli-Palestinian Conflict", ISAR Journal of Arts, Humanities and Social Sciences' vol. 2, issue 2, pp. 83-85, 2024.

7. Sponsored Research (Ongoing / Granted)

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned	Current Status
1	Dr. R. Radhai	B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur	Assessing the Effectiveness and Access to the Pradhan Mantri Jan Arogya Yojana (PMJAY) Scheme in Addressing Healthcare Needs among the Transgender Community in Chennai	Rs. 30,000/-	On Going

8. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Nishitha E M	221521601042	NSS Volunteer in the 26th National Youth Festival 2023, Hubballi, Dharwad, Karnataka	Ministry of Youth Affairs and Sports, Govt of India	January 2023
			National Integration Camp 2023	NSS Regional Directorate, Chennai, NSS, BSARCIST, Vandalur	June 2023
			Solo Act	ISTD-C at BSARCIST Vandalur	2023
			Volunteers in the All India Inter University Ball Badminton Women Tournament	Department of Physical Education BSARCIST, Vandalur	January 2023
			Volunteers in Tamil Nadu Crescent Chess Tournament	Department of Physical Education BSARCIST, Vandalur	June 2023
			Volunteers in Blood Donation	Tamil Nadu Dr M.G.R. Medical University, Chennai	February 2024
			ADZAP in Aurora	Thassim Beevi Abdur Kader Hostel for Women, BSARCIST, Vandalur	March, 2024
			Orion'24 - ADZAP	BSARCIST, Vandalur	March , 2024
			Coordinated CRESEVES 2024	Thassim Beevi Abdur Kader Hostel for Women, BSARCIST, Vandalur	2024
			Sangeet	Thassim Beevi Abdur Kader Hostel for Women, BSARCIST, Vandalur	February, 2024
			Dance (Cornival)	Thassim Beevi Abdur Kader Hostel for Women, BSARCIST, Vandalur	February, 2024
			EXON'24	Biotech Student Association of School of Life Sciences, BSARCIST, Vandalur	March, 2024
			Best Project of the Year 2023-24	Rotract Club of Crescent, BSARCIST, Vandalur	2023

			Best All Rounder	Department of Public Policy, BSARCIST, Vandalur	2023
			100 % Attendance 2022-23	Department of Public Policy, BSARCIST, Vandalur	2023
			Hogwarts	District Rotaract Council 2023-24	2023
2.	Samiya L	221521601056	100 % Attendance 2022-23	Department of Public Policy, BSARCIST, Vandalur	2023
			Best All Rounder	Department of Public Policy, BSARCIST, Vandalur	2023
			Solo Act	ISTD-C at BSARCIST Vandalur	2023
			Orion'24 - ADZAP	BSARCIST, Vandalur	March, 2024
			Tamil Debate Show	BSARCIST, Vandalur	February 2024
3.	Brinda B	221521601013	Won Bronze Medal in South West Zone Inter University Karate Championship	LNCT University Bhopal, Madhya Pradesh	2023
			Tamilnadu State Karate Championship for Cadet	Tamilnadu Sports Karate-Do Association, Chennai	October, 2023
4.	Priyadharshini R	221521601047	Sing in the Rain	Thassim Beevi Abdur Kader Hostel for Women, BSARCIST, Vandalur	February 2024
			Poet Writing	Sangamam 2024, BSARCIST Tamil Mandram, Vandalur	February 2024
			Workshop on Youth and Civic Responsibilities	Department of Physical Education BSARCIST, Vandalur	September 2023
			Kavithai Sangamam / Poetry Writing	Thassim Beevi Abdur Kader Hostel for Women, BSARCIST, Vandalur	February 2024
			Cooking Without Fire	Thassim Beevi Abdur Kader Hostel for Women, BSARCIST, Vandalur	February 2024
5.	Subash N	221521601067	A Pirate's Dilemma / Takshashila 2023	Chennai Institute of Technology, Chennai	April ,2023

6	Kanish M	221521601030	TKTV / Takshashila 2023	Chennai Institute of Technology, Chennai	April ,2023
7	Arivanandan S	221521601009	Silambam - Sparing / Vyugam (SATHAK UTSAV'24) Runnerup	Mohamed Sathak College of Arts and Science, Chennai	2024
			Silambam - Double Stick / Vyugam (SATHAK UTSAV'24) Winner	Mohamed Sathak College of Arts and Science, Chennai	2024

9. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1.	Ms. Nivedita Louie	Writer Free Lancer	18.03.2024 / Panel Discussion	Students learned about the issues and challenges in Women Empowerment
2.	Ms. Geeta Ilangovan	Journalist	18.03.2024 / Panel Discussion	Students learned about the issues and challenges in Women Empowerment
3.	Ms. Deepalakshmi J	Journalist	18.03.2024 / Panel Discussion	Students learned about the issues and challenges in Women Empowerment
4.	Dr. R. Rangarajan	Former IAS	23.04.2024/ Civil Service Day Celebration	Motivated the students to compete the Civil service exam and responsibility of Civil Servant.
5	Mr. Saravana Kumaran S	IRS	12.06.2024 / Chief Guest for Award Ceremony	Shared his own service experience to the students
6	Mr. V. Kamaraj	IPS	27/06/2024/ Chief Guest for Summer Internship	Interacted with students and shared his challenges and commitment of his services.
7	Mr. U. Sahayam	IAS	05/07/2024/ Chief Guest for Summer Internship	Motivated the students about the responsibility of the Civil Servant
8	Ms. Vanessa Peter	Member – State Level Committee to Monitor the shelter for urban homeless in Tamilnadu	01/08/2024 / Panel Discussion	Students learned about the issues of city women
9	Dr. E. Rajasekar	Journalist	22.08.2024 / Madras Day Celebration	Learned about the Historical background of the formation of Madras. (Madras Day Celebration)
10	Mr. K Prakadeesh	Commando	Department of Sports Day (23.08.2024)	Addressed about his own achievements in the Defense and distributed the metals to the winners.

10. Photographs with relevant captions for Important Activities



Workshop on Youth and Civic Responsibilities held on September 20, 2023 at Incubation Centre Seminar Hall



One-Day Workshop on Therapeutic Yoga for Human Excellence held on February 1, 2024 at Seminar Hall, Incubation Center, Resource Person: Mrs. Marudham Arumugam



Panel Discussion on SDG – 5, Achieve Gender Equality and Empowerment of women and Girls at Incubation Centre Seminar Hall -1 on 18th March 2024



Workshop on "Bridging the Gap – Participation of Vulnerable Sections in Policy Making" held on August 1, 2024 at Seminar Hall, Crescent Innovation and Incubation Cell
 Chief Guest: Ms. Vanessa Peter, (Member of the Supreme Court appointed State Level Committee to Monitor Shelter for Urban Homeless in Tamil Nadu)



Award Ceremony for Policy Making Skills held on July 12, 2024 at Seminar Hall, Convention Center, BSACIST Guest of Honour: Shri. Saravanakumaran IRS



Commemoration of the 25th Kargil Vijay Diwas held on July 26, 2024 at MS 201,
 Mechanical Sciences Block, BSACIST.Chief Guest: Mr.D.Balaji



Commemoration of Civil Services Day held on April 21, 2024 at Seminar Hall, Crescent Incubation & Innovation Cell,
 BSACIST.Guest Speaker: Shri.R. Rangarajan (Ex-IAS, Author)



Madras Day Celebration held on August 22, 2024 at Convention Center, BSACIST
 Chief Guest: Dr. E. Rajashekar Assistant Professor of Tamil at Patrician Arts and Science College,

DEPARTMENT OF COMMERCE

1. Value Added Programmes Offered

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	One week Tally Prime Programme	24.06.2024 to 01.07.2024	40	M/s JM Education Initiatives Pvt Ltd, Chennai	50	-	-
2	A one week Student Workshop for Global Accounting Standards	13.05.2024 - 20.05.2024	40	ISDC Learning Centre, UK	40	-	-

2. Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	Short Term Training Program on Academic Research and Data Analysis (using SPSS & AMOS)	9-15 October 2023	30 Hours	Rs. 500/-	1	65	29

3. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	B.Com. Hons.	IV	A	43	Dr. Sibghatullah Nasir & Dr. Radhika R	Lucas TVS, Puduchery	21.02.2024 One day
Outcome of the Visit: ➤ The participant students got a practical exposure of business operations and processes performed at the workplace. ➤ The students learn how to perform financial management and human recourse management in practical life. ➤ The students discovered overall the essential skills which are required to perform and deliver at work place with full potential							
2.	B.Com-Honours	VI	A	33	Dr. Vijaya Kumar and Dr. Porkodi.	Coorg, Chikmagalur Coffee Estate, Mulayangiri, Karnataka	30 April and 1-2 May 2024
Outcome of the Visit: <ul style="list-style-type: none"> The participant students got a practical exposure of business operations and processes performed at the workplace. The students learn how to perform financial management and human recourse management in practical life. The students discovered overall the essential skills which are required to perform and deliver at work place with full potential 							

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
3	M.Com.	IV	A	22	Dr. N. Kogila and Mr. R. Sebastin	Kanan Devan Hills Plantations Company private limited	24th APRIL 2024
Outcome of the Visit: <ul style="list-style-type: none"> ➤ The participant students got a practical exposure of business operations and processes performed at the workplace. ➤ The students learn how to perform financial management and human recourse management in practical life. ➤ The students discovered overall the essential skills which are required to perform and deliver at work place with full potential 							
4.	M.Com	II	A	38	Dr. T. Porkodi and Dr. G.Stella	Adani Port private limited at Kattupalli	February 27, 2024
Outcome of the Visit: <ul style="list-style-type: none"> • The participant students got a practical exposure of business operations and processes performed at the workplace. • The students learn how to perform financial management and human recourse management in practical life. • The students discovered overall the essential skills which are required to perform and deliver at work place with full potential 							
5	B.Com. (A&F) & B.Com. (PA)	IV	A&B	60	Dr. S.Rajini, Dr. N.Vijayakumar and Dr. S.L. Sobiya	Parle-G Pvt. Ltd, (Biscuits Manufacturing Company) Madhavaram, Chennai	17th Feb 2024
Outcome of the Visit: <ul style="list-style-type: none"> ➤ The participant students got a practical exposure of business operations and processes performed at the workplace. ➤ The students learn how to perform financial management and human recourse management in practical life. ➤ The students discovered overall the essential skills which are required to perform and deliver at work place with full potential 							
6	of B.Com (Accounts And Finance)	II	A&B	60	Dr.N.A.Arshiya Afrin(Facility), Dr.K.Porkodi(Facility) and Mr.Nizamudin (Research Scholar)	Tamilnadu Co-Operative Milk Producers Federation Ltd (Aavin)	1st February, 2024
Outcome of the Visit: <ul style="list-style-type: none"> • The participant students got a practical exposure of business operations and processes performed at the workplace. • The students learn how to perform financial management and human recourse management in practical life. • The students discovered overall the essential skills which are required to perform and deliver at work place with full potential 							
7	BBA FS (Bachelor of Business Administration in Financial Services)	III	A	45	Dr. R. Prakash, Dr. Indumathi, and Prof. Mohammed Sherfuddin	Lucas-TVS, Pondicherry	4.11.2023
Outcome of the Visit: <ul style="list-style-type: none"> • Understanding of HR Practices: The interaction with the HR team shed light on the significance of HR practices in an industrial setting. It emphasized the importance of talent acquisition, employee development, and maintaining a positive work environment. • Appreciation for Automation: Witnessing automation in action was an eye-opening experience. We saw how automation technology has the potential to revolutionize manufacturing processes, leading to increased efficiency, quality, and sustainability. • Industry Insights: The visit allowed students to gain insights into the automotive component manufacturing sector, which is a crucial part of the automotive industry. Understanding the intricate details of windshield motor 							

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	production and quality control was particularly informative. <ul style="list-style-type: none"> Real-world Application of Theoretical Knowledge: The visit bridged the gap between theoretical classroom knowledge and practical industrial applications. It provided a context for understanding the concepts we've studied in our courses. 						
8	B.Com (Professional Accounting)	I	A	55	-	Miles Education Tidel Park	31.10.23 & 1.11.23
Outcome of the Visit: <ul style="list-style-type: none"> The participant students got an exposure of current employment openings for CPA-qualified candidates, he also discussed the value of networking with professionals on social media. 							

4. Conferences / FDP / Seminars / Workshops Organized by the department

S.No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1	Economic Growth and Sustainable Development	International Conference	21.12.2023	SSS Jain College, Chennai	10	60	15	100
Details of Keynote Speakers : <ul style="list-style-type: none"> Dr.Razana Juhaida Johari, Department of Professional Accounting Studies Universiti Teknologi MARA Shah Alam, Malaysia Dr.K.R.Sowmiya, Professor, Business and Economics, Kabridahar, University, Kabridahar, Ethiopia, Prof. Dr.V.Hemanth Kumar Professor & Head – Academics, School of Commerce & Management, Presidency University Bangalore 								
2.	Global Accounting Standards	Workshop	13.05.2024 to 20.05.2024	ISDC and ACCA, UK	5	40	-	-
Details of Keynote Speakers : <ul style="list-style-type: none"> (i) Mr.Madesh Kuppuswamy, Chartered Certified Accountant from Association of Chartered Certified Accountant, UK Faculty at ISDC, UK 								
3.	COMERCIO'24: The Commerce Conclave	SDP	23.04.2024 - 24.04.2024	-	-	300	-	343
Details of Keynote Speakers : <ul style="list-style-type: none"> (i) Mr. Aniruddhan Narayanan, (ii) Mr. Uttam Pai CPA (iii) Mr. CA Vijay Stephen (iv) Mr. Mohammed Javid 								
4.	Achieving Sustainable Development Goals by Technology and Business Resilience on	Guest Lecture	22.2.2024	-	5	200	-	-
Details of Keynote Speakers : <ul style="list-style-type: none"> Prof. Dr. MBM Ismail, Professor in Management, Faculty of Management and Commerce, South Eastern University of Sri Lanka. 								
5.	"Human Capital Cross Cultural Management	Guest lecture	9.02.2024	Centre for International Relations (CIR). BSACIST	4	40	-	-
Details of Keynote Speakers : <ul style="list-style-type: none"> Dr.Bijay Sigdel . Associate Dean. Faculty of Management. Metharath university, Thailand 								

6.	International Guest Lecture on "Circular Economy towards Sustainable Financial Development" & MoU Signing Ceremony	Guest lecture	31.01. 2024	-	3	60	-	-
Details of Keynote Speakers : Prof. Dr. Tasya Aspiranti, SE, M.SI								
7.	Sullamussalam-Crescent Integrated Learning Exchange Programme, 'SCILEX,'	LEP			6	40	3	17
Details of Keynote Speakers : <ul style="list-style-type: none"> Dr.NishaMukund, CEO, Crescent Innovation & Incubation Council (CIIC) Dr. S. Vjayakumar (Associate Professor, Department of English, BSACIST) 								
8.	Academic Research and Data Analysis using SPSS and AMOS	STTP	9.10.2023 - 15.10.2023		95	95	95	95
Details of Keynote Speakers : <ul style="list-style-type: none"> Dr.Praveen KumarT, Assistant Professor, Lean Operations and System, Christ(Deemed to be University), Bangalore. Dr. Mansurali A, Assistant Professor, School of Management, Central, University of Tamilnadu, Tiruvarur 								
9.	Leadership	Guest lecture	4.10.2023	Association of Muslim Professionals (AMP), Chennai Chapter	40	360	-	-
Details of Keynote Speakers : <ul style="list-style-type: none"> Mr Wali Rahmani, Lawyer, Social Entrepreneur and Founder Chairman of UMEED Academy, Kolkata 								
10.	B-Quiz competition	Quiz Competition	22.09.2023	--	-	90	-	-
11.	"Chartered Accountant Course"	Career awareness program	-	M/s..John Moris & Co,Chartered Accountants,C hennai	-	120	-	-
Details of Keynote Speakers : <ul style="list-style-type: none"> CA.A.Vijay Stephen,Partner, M/s.A.John Moris & Co, Chartered Accountants, Chennai 								

5. Details of Financial Support / Sponsorship received for organizing various events:

Sl. No	Name of the Event	Amount Received	Whether received from Institution / Outside Sponsors (please specify sponsor details)
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1	Commercio'24	₹ 58,500	<p>28-03-2024 BNY Mellon Company Sponsor- Mohammed Javid ₹ 5,000.00</p> <p>17-04-2024 Blink it Sponsor- Vaishali ₹ 3,500.00</p> <p>22-04-2024 Rex Academy Ilan Sponsor- Chezhian ₹ 10,000.00</p> <p>22-04-2024 Finalatics Sponsor-Nishant Mohta ₹ 10,000.00</p> <p>26-04-2024 Finalatics Sponsor- Nishant Mohta ₹ 10,000.00 John Moris & co Sponsor-John Moris ₹ 10,000.00 Dude Sponsor-Raja Gopal ₹ 10,000.00</p>
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6. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1	Dr.K.Soundarapandiyan	Participated in "Two Week National Level Virtual Workshop on Advanced Research Methodology" organized by SRM Institute of Science and Technology, Ramapuram, Chennai	Workshop	Two weeks, July 2023	SRM Institute of Science and Technology
2	Dr. K. Soundarapandiyan	Presented a paper on "Machine learning in direct marketing for anticipating bank term deposit subscription" in 8th International Conference on Contemporary Management (ICCM)	Conference	12th & 13th , June 2024	University of Jaffna - Sri Lanka, Faculty of Management Studies and Commerce.
3	Dr. K. Soundarapandiyan	Faculty Development Program in NPTEL - AICTE on completing the course "E-business"	FDP	January - Apr 2024	NPTEL
4	Dr. B. Ziavuddeen	Research Methodology	International Virtual Workshop	9-14 th October 2023	Srm Institute of Science and Technology
5	Dr. B. Ziavuddeen	Later Trends and Techniques in software engineering	International faculty development programme	20-27th January 2024	Christ university

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
6	Dr. B. Ziavuddeen	Outcome Based Education	Work Shop	09/01/2024	Office of Dean Academic BSACIST
7	Dr. Sibghatullah Nasir	Financial Management Practices in Civil aviation Companies through Artificial Intelligence" Two Day National Seminar on Viksit Bharat & 2047: Role of Banking, Finance and Industry,	Conference	16-17 February 2024	College of Arts and Commerce, Cuncolim, Salcete, Goa
8	Dr. Sibghatullah Nasir	Two day International Virtual Conference on "Digitization in Science and Humanities Education and Research (ICDSHER'23)"	Conference	29-30 July 2023	Centre for Distance Learning, SRM University, katankalathur
9	Dr. Sibghatullah Nasir	Unleash the Potential of AI for Research	CBP	22.01.2024	Department of Corporate Secretaryship with CA and Professional Accounting, Kongu Arts and Science College, Erode
10	Dr. Sibghatullah Nasir	Modern Research Practices, Methodologies, and Intellectual Property Rights"	FDP	13.01. 2024	BIT, Mesra and CMAOI Association from 9th of January to .
11	Dr. Sibghatullah Nasir	Milleniu Generation Psychology and Teachers' Well-Being	FDP	19-24 Feb. 2024	Dept. of Applied Psychology and AICPR
12	Dr. N. Vijay Kumar	Two-week Refresher Course in COMMERCE from 26 March – 8 April, 2024 and obtained Grade A.	Refresher Course	2 weeks	Ramanujan College, New Delhi
13	Dr. N. Vijay Kumar	AI in Education and Business 08.	FDP	12.01.2024	Hindustan College of Arts and Science, Coimbatore
14	Dr. N. Vijay Kumar	Seven Days National Level PDP	PDP	6-12. June 2024.	Patrician College Of Arts And Science Chennai

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
15	Dr. N. Vijay Kumar	National Level New IPR 2023 e-Workshop, CSIR-IMMT, Bhubaneswar	e-Workshop,	12-17. June 2024.	CSIR-IMMT, Bhubaneswar
16	Dr. S. Rajini	Diplomat Resource Person Cum Organizing Secretary - Students Development Program on Summer Internship	Two days Student Development Program	10 – 11, July. 2023	Department of Commerce, BSACIST
17	Dr. S. Rajini	Act as Resource Person Motivation on Self Improvement	One day Seminar	19.04. 2023	Department of Commerce, Annai Therasa Arts & Science College, Chenglapet. Chennai, Tamilnadu
18	Dr. S. Rajini	NAAC Accreditation Framework	National level virtual FDP	9.09.2023 - 16.09.2023	Gurushree Shantivijai Jain College, Chennai,
19	Dr. S. Rajini	The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation,	Seven Days International level virtual FDP	26.09.2023	Hindustan College of Arts & Science, Coimbatore
20	Dr. S. Rajini	The Effective and Quality Research Writing	Sevan days National level PDP	6.06.2023	Department of Commerce and Accounting & Finance, Patrician College of Arts and Science, Chennai
21	Dr. R. Radhika	'FINTECH – How do increased Cash flow technologies impact the following generation?' in International Conference on Social Sciences, Languages and Culture	International Conference	12.10.2023- 13.10.2023	Organised by B S Abdur Rahman Crescent Institute of Science and Technology held on
22	Dr. R. Radhika	"Jeep and Citroën in India: A Case Study on Navigating Challenges and Crafting Strategies in the Automotive Landscape"	Workshop	22.02.2024 – 23 .02.2024	International Conference on Digital Transformation in Commerce and management Organized by SRM Arts and Science college Kattankulathur

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
23	Dr. R. Radhika	Eight Days National Level FDP on "Research Methodology and Pedagogy of Writing, Project Funding"	FDP	29.01.2024 to 06.02.2024	Department of Science and Humanities, Mohamad Sathak A.J Engineering College.
24	Dr. R. Radhika	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	Orientation Program	5.03.2024 – 14.03.2024	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai
25	Dr. R. Radhika	DST Sponsored Two Weeks Online FDP on "Entrepreneurial Ecosystem: Fostering Entrepreneurship, Start-up and Incubation"	FDP	25.03.202– 5.04. 2024	Academy of Maritime Education and Training Deemed to be University, Chennai.
26	Dr. R. Radhika	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	20.06.2024 to 28.06.2024.	Malaviya Mission Teacher Training Centre, Madurai Kamaraj University, Madurai-625021, Tamil Nadu
27	Dr. S. Arun Kumar	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	5.03.2024 - 14.03.2024	MM-TTP UGC
28	Dr. S. Arun Kumar	"Entrepreneurial Ecosystem: Fostering Entrepreneurship, Start-up and Incubation"	FDP	25.03.202– 5.04. 2024	AMET University
29	Dr. S. Arun Kumar	"The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation"	FDP	19.09.2023 to 26.09.2023	Hindustan College
30	Dr. S. Arun Kumar	One Week International Virtual Workshop on Research Methodology	FDP	09.10.2023 to 14.10.2023	SRM University, Katankalathur
31	Dr. N. A. Arshiya Afrin	Three Days National Level workshop on "Innovative Pedagogical Strategies",	National Level workshop	26.07.2023 - 28.07.2023	Michael Job Memorial College Of Education For Women,Combiato re,dated from

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
32	Dr. N. A. Arshiya Afrin	"Strategic Development Programme on Digital Transformation in Business World- a Well Worn Path for Driving and Scaling Digital Initiative",	FDP	25.09.2023 - 29.09.2023	ICMAI by, Dated from
33	Dr. N. A. Arshiya Afrin	Seven-day National Level Faculty Development Programme on "Research Methodology and Analysis Tools",	FDP	8.05.2023 - 14.05.2023	BSA Crescent Institute of Science and Technology, Chennai,
34	Dr. N. A. Arshiya Afrin	Seven-day National Level Faculty Development Programme on "Cloud Infrastructure", Education(AICTE),	FDP	21.08.2023 - 25.08.2023	Dept. of CSE, JNTUK University College of Engineering Narasaraopet, Andhra Pradesh in collaboration with All India Council For Technical
35	Dr. N. A. Arshiya Afrin	Participated in 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education"	FDP	21.08.2023 – 19.09.2023	Teaching Learning Centre Ramanujan College, University of Delhi, under the aegis of ministry of education Pandit Madan Mohan Malaviya national mission on teachers and teaching
36	Dr. N. A. Arshiya Afrin	Seven days online Faculty Development Program and workshop on "Modern Research Practises, Methodologies and IPR"	FDP	9.01.2024 - 13.01.2024	BIT Mesra and CMAOI, Dated from
37	Dr. N. A. Arshiya Afrin	Seven days National Level Workshop on "Innovation Thorough Traditional: Embracing Indian Knowledge System in Nepo 2020"	FDP	6.01.2024 - 12.01.2024	RVS College 8of Arts and Science. Dated
38	Dr. N. A. Arshiya Afrin	National level "Virtual Five days Faculty Development Program on Digital Marketing",	FDP	22.01.2024 - 26.01.2024	Department of commerce in computer application, holy cross College, Trichy, dated on from

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
39	Dr. N. A. Arshiya Afrin	"Seven Days National Level FDP on Python"	FDP	19.03.2024-25.03.2024	Star International Foundation for Research and Education dated
40	Dr. N. A. Arshiya Afrin	"One Day Online Faculty Development Program on AI Tools for Teaching"	FDP	22.06.2024	Star International Foundation for Research and Education
41	Dr. N. A. Arshiya Afrin	One week Faculty Development Program on "Entrepreneurship and Innovation Management",	FDP	24.06.2024 - 28.06.2024	DSCASC, Bengaluru and CMAOI Association dated
42	Dr. N. A. Arshiya Afrin	Participated and completed 12week FDP	FDP	January to April 2024.	NPTEL for Course "Principle Of Mangement"
43	Dr. N. A. Arshiya Afrin	"Research for Academic Excellence"	FDP	3.08.2023 - 9.08.2023	Department of Mathematics, KPR College of Arts Science and Research, Tamilnadu, India
44	Dr. N. A. Arshiya Afrin	Cyber Security"-2023	FDP	7.08.2023 - 22.08.2023	Organized by Dwarakaa Doss Goverdhan Doss Vaishnav College, Department Of Data Science
45	Dr. N. A. Arshiya Afrin	Reinventing Business Practices, Start-ups and Sustainability (ICRBSS 2023), Advances in Economics, Business and Management Research	International Conference	October 2023.	- -
46	Dr. V. Vijay Kumar	Master in E Content Development"	FDP	28.02.2024 - 7.03.2024	BSARCIST Chennai
47	Dr. S.L. Sobiya	Navigating the future: Emerging Trends in business and global dynamics "HALLWAY BIZ 24"	International Seminar	7.03.2024	Dwaraka Doss Goverdhan Doss Vaishnav College
48	Dr. S.L. Sobiya	Intellectual Property awareness training program under National Intellectual Property Awareness Mission	Awareness Training	1.04. 2024	Intellectual property office.
49	Dr. S.L. Sobiya	"Entrepreneurship and Innovation Management"	One week online Faculty Development Programme and	24.06.2024 - 28.06.2024	DSCASC, Bengaluru and CMAOI Association

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
			workshop		
50	Dr. S.L. Sobiya	Research Writing & Ethics	FDP	10.06.2024 - 16.06.2024	Patrician College of Arts and Science - Department of Corporate Secretaryship
51	Dr. S.L. Sobiya	Mastering E-Content Development	FDP	28.02.2024 - 7.03.2024	Centre for Distance and Online Education- B.S. Abdur Rahman Crescent Institute of Science and Technology
52	Dr. S.L. Sobiya	Essential Skills For Professional Development In Higher Education	FDP	01.07.2024 - 07.07.2024.	Star International Foundation for Research and Education
53	Dr. S.L. Sobiya	NEP 2020 Orientation & Sensitization Programme	(MM-TTP) of (UGC)	5.03.2024 – 14.03.2024	Indian Institute of Information Technology, Design and Manufacturing
54	Dr. S.L. Sobiya	“Modern Research Practices, Methodologies, and Intellectual Property Rights”	FDP	9.01.2024 - 13.01.2024	BIT, Mesra and CMAOI Association
55	Dr. S.L. Sobiya	“Millennium Generation Psychology and Teacher’s well-being”	FDP	19.02.2024 - 24.02.2024	Internal Quality Assurance Cell (IQAC) & PG Department of Applied Psychology, Shasun Jain college for women
56	Dr. S.L. Sobiya	Python	National Level FDP	19.03.2024 to 25.03.2024.	Star International Foundation for Research and Education
57	Dr. S.L. Sobiya	“ Digital Marketing”	FDP	22.01.24 – 26.01.2024	Dept of Commerce in computer applications,

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
					School of Management Studies, Holy Cross College
58	Dr. S.L. Sobiya	"Faculty in Universities/Colleges/Institutes of Higher Education"	FIP	21.08.2023 – 19.09.2023	Teaching Learning Centre, Ramanujan College University of Delhi
59	Dr. S.L. Sobiya	Online two - week Interdisciplinary Refresher Course in "Advanced Research Methodology"	Refresher Course	22.09.2023– 6.10.2023.	Teaching Learning Centre, Ramanujan College University of Delhi
60	Dr. S.L. Sobiya	"Academic Research and Data Analysis Using SPSS and AMOS"	Short-Term Training Programme (STTP)	09.10.2023 to 15.10.2023.	Dept of Commerce, B.S. Abdur Rahman Crescent Institute of Science and Technology
61	Dr. S.L. Sobiya	Cloud Infrastructure	FDP	21.08.2023 - 25.08.2023	Dept of CSE, JNTUK university college of engineering in collaborate with All India Council for Technical Education (AICTE)
62	Dr. S.L. Sobiya	" The power of positivity approach in Teaching & Learning System of Cultural Transformation"	FDP	19.09.23 – 26.09.23	Hindusthan college of Arts and Science
63	Dr. S.L. Sobiya	National Level Virtual Faculty Development Program on the topic "NAAC Accreditation Framework"	FDP	9.09.23 – 16.09.23	Guru Shree Shantivijai Jain College for Women
64	Dr. S.L. Sobiya	11-Day International Workshop On Cyber Security - 2023	FDP	7.08.2023 - 22.08.2023	Dwaraka Doss Goverdhan Doss Vaishnav college
65	Dr. S.L. Sobiya	Online International Professional Development Programme on "Research	FDP	6.06.2024 - 13.06.2024	ATRICIAN COLLEGE OF ARTS AND

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
		Methodology"			SCIENCE
66	Dr. G. Stella	"Effective teaching through E-content Development and Online Pedagogy"	FDP	30.05.2024 – 3.06.2023	Integral University, Lucknow
67	Dr. G. Stella	"Entrepreneurship and Innovation Management	FDP	24.06.2024 - 28.06.2024	Dayananda Sagar College of Arts, Science and Commerce.
68	Dr. K. Selvi	"Crafting Effective Research Paper"	FDP	10.06.2024 - 16.06.2024	Department of Commerce, under the IQAC initiatives, HKBK Degree College, Bengaluru
69		"Effective & Quality Research Writing – Phase V"	PDP	6.06.2024 - 12.06.2024	Departments of Commerce and Accounting and Finance (Shift II), Patrician College of Arts and Science
70		"Two weeks Workshop on Qualitative Research using SPSS and AMOS"	Workshop	4.06.2024 - 17.06.2024	Department of Commerce, SRM institute of Science and Technology, Ramapuram, Chennai
71		"Financial Empowerment through Wealth Creation"	National Level Webinar	4.06.2024	Centre for Distance and Online Education, BSACIST in collaboration with the Association of Mutual Fund of India (AMFI)
72		"One day online IP Awareness / training program"	Training Program	21.04.2024	NIPAM (National IP Awareness Mission
73		"Millennium Generation Psychology& Teacher's Well-being "	FDP	19.02.2024 - 24.02.2024	SSSN Jain College in collaboration with Anugraha,

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
					Institute of Counselling, Psychotherapy and Research
74		Participated in a seminar on "Proactive Accounting Driving the Future of Industry Transformation" organised by the on .	Seminar	25.8.2023	Department of Commerce , University of Madras in association with (ACCA) Association of Certified Chartered Accountants
75	Dr. R Prakash	Innovative Teaching and Learning Pedagogies	FDP	4.10.2023 11.10.2023	Sathyabama Institute of Science and Technology, Chennai
76		Millennium Generation Psychology & Teacher's Well-being	FDP	19.02.2024 - 24.02.2024	SSS Jain College for Women, Chennai
77		Crafting Effective Research Paper	FDP	10.06.2024 - 16.06.2024	HKBK Degree College, Bengaluru
78		Sustainable IT Employee Behaviour and Environmental Impact Chennai	Int. Conf	11.08.2023	JJ College of Engineering and Technology
79	Dr. Neethi Kumar	Short- Term Training Programme (STTP) on "Academic Research Data Analysis SPSS and AMOS"	STTP	09.10.2023 - 15.10.2023	Crescent university Commerce department
80		National level workshop on "Participatory Teaching Approach – A Case Method of Teaching"	FDP	25.01.2023	Crescent university Commerce department
81		Two Days International Level Workshop on "Sample Size Determination and Validation of Research Questionnaire	Workshop	29.03.2024 to 30.03.2024.	Crescent university Commerce department
82		The NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher	Orientation	March 18-27 2024	IIITM Kanchipuram

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
		Training Programme (MM-TTP) of University Grants Commission (UGC)			
83		Short- Term Training Programme (STTP) on "Academic Research Data Analysis SPSS and AMOS" from 09-10-2023 to 15-10-2023.	STTP	09.10.2023 – 15.10.2023	Crescent university Commerce department
84		Two Days International Workshop on " Sample Size Determination and Validation of Research Questionnaire "	Workshop	29.03.2024 - 30.03.2024.	R Square
85	Dr. Mary Angelin	One Week International Virtual Workshop on Research Methodology	FDP	09.10.2023 - 14.10.2023	SRM University
86	Dr. K. Shobana	The Future of Retail Embracing Technological Innovations to Elevate Customer Experiences"	Conference	December 2023	SSS Jain College & BSARCIST
87		NAAC Accreditation Framework	FDP	9.09.23 – 16.09.23	Guru Shree Shantivijai Jain College for Women
88	Dr. N. Kogila	"Financial Empowerment through Wealth Creation"	National Level Webinar	4.06.2024	Centre for Distance and Online Education, BSACIST in collaboration with the Association of Mutual Fund of India (AMFI)
89		"Effective & Quality Research Writing - Phase V "	National Level PDP	6.06.2024 - 12.06.2024	Patrician College Of Arts And Science
90		The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation,	International level virtual FDP	19.09.23 – 26.09.23	Hindustan College of Arts & Science, Coimbatore
91		NEP 2020 Orientation & Sensitization Programme under Malaviya Mission	FDP	2.07.2024 - 10.07.2024	Malaviya Mission Teacher Training

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
		Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)			Programme
92	Ms. Ifra Fathima	Economic Growth & Sustainable Development"	International Conference	13.12.2023	Organized by Shri Shankarlal Sundarbai Shasun Jain College for Women, Internal Quality Assurance Cell (IQAC), School of Commerce (Shift I & II) In Collaboration with B.S. Abdur Rahman Crescent Institute of Science and Technology On
93		Indian Knowledge System (IKS)	Short Term Faculty Training	21.08.2023 - 26.08.2023.	UGC-Human Development Center in Collaboration with IKS Division of Ministry of Education, New Delhi
94	Dr. N. Indumathi	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP)	FDB	5.03.2024 - 14.03.2024	IIITDM, Kancheepuram
95		"Integration of Technology in Teaching-Faculty Development Perspective"	FDB	29.01.2024 - 2.02.2024	IQAC, Dr. R.V. Arts and Science College
96		"Research Methodology and Pedagogy of Writing, Project Funding"	FDB	29.01.2024 - 6.02.2024	Department of Science and Humanities
97		"Innovative Research in Artificial Intelligence for Commerce"	FDB	18.01.2024 - 24.01.2024	Department of Commerce PA, KG College of Arts and Science & Dr. R.V. Arts and Science College

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
98		Research Methodology	Workshop	9.10.2023 - 14.10.2023	SRM Institute of Science and Technology, Ramapuram
99		"The Power of Positivity Approach in Teaching and Learning System of Cultural Transformation"	FDB	19.09.23 – 26.09.23	Hindustan College of Arts & Science, Coimbatore
100	Dr. T. Porkodi	NAAC Accreditation Framework	FDP	9.09.23 – 16.09.23	Guru Shree Shantivijai Jain College for Women
101		"Financial Empowerment through Wealth Creation"	National Level Webinar	4.06.2024.	Centre for Distance and Online Education, BSACIST in collaboration with the Association of Mutual Fund of India (AMFI)
102		"Effective & Quality Research Writing - Phase V "	National Level PDP	6.06.2024 - 12.06.2024	PATRICIAN COLLEGE OF ARTS AND SCIENCE
103		The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation,	Seven Days International level virtual FDP	19.09.23 – 26.09.23	Hindustan College of Arts & Science, Coimbatore
104		"Seven Days National Level FDP on Python"	FDP	19.03.2024 - 25.03.2024	Star International Foundation for Research and Education dated
105		NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	2.07.2024 - 10.07.2024	Malaviya Mission Teacher Training Programme
106	Mr. Asan Bawa	Effective Course Planning, Assessments and Rubrics" & "Teaching Challenges in AI-Assisted Classrooms	FDP	29.06.2024	ICFAI Business School

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
107		Data Analysis for Social Sciences Using R	Workshop	23.04.2024	Vels Institute of Science, Technology & Advanced Studies
108		Academic Research and Data Analysis Using SPSS and AMOS	Short Term Training Programme	9.10.2023 - 15.10.2023	B.S. Abdur Rahman Crescent Institute of Science and Technology
109		The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation	International Level Virtual Faculty Development Programme	19.09.2023 – 26.09.2023	Hindustan College of Arts & Science
110	Dr. Hari Kumar	“Research Insights for Academic Excellence”	FDP	3.08.2023 - 8.08.2023.	Department of Mathematics, KPR Institute of Science & Technology, Coimbatore
111	Mr. Mohamed Haris O	International Virtual FDP on “Research Insights for Academic Excellence”	FDP	3.08.2023 - 8.08.2023.	Department of Mathematics, KPR Institute of Science & Technology, Coimbatore
112	Dr. A Fathima	Eight Days National Level FDP on "Research Methodology and Pedagogy of Writing, Project Funding"	FDP	29.01.2024 to 06.02.2024	Department of Science and Humanities, Mohamad Sathak A.J Engineering College.
113		NEP 2020 Orientation & Sensitization Programme	Orientation Programme	5.03.2024 - 14.03.2024	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai
114		“Entrepreneurial Ecosystem: Fostering Entrepreneurship, Start-up and Incubation”	FDP	25.03.2024 – 5.04.2024	Academy of Maritime Education and Training Deemed to be University,

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
					Chennai.
115		NEP 2020	Orientation Programme	20.06.2024 to 28.06.2024.	Malaviya Mission Teacher Training Centre, Madurai Kamaraj University, Madurai-625021, Tamil Nadu
116		Social Sciences, Languages and Culture	International Conference	12.10.2023 - 13.10.2023	B S Abdur Rahman Crescent Institute of Science and Technology
117	Dr. Mary Angelin	Mentoring for Success	STTP	1.05.2024 - 15.05.2024	SRM Institute Of Science And Technology
118		Effective Quality of Writing Research	FDP	6.06.2024 - 12.06.2024.	Patrician College
119		Building Up The Insights on Qualitative and Quantitative Aspects of Research	FDP	20.11.2023 - 26.11.2023	SRM Institute Of Science And Technology
120		Question paper setting and evaluation for OBE	Workshop	6.11.2023	BSACIST
121	Dr. Mary Angelin	Academic Research and Data Analysis using SPSS and AMOS	STTP	10.10.2023 - 15.10.2023	BSACIST
122		The Power of Positivity Approach in Teaching and Learning System of Cultural Transformation	FDP	19.09.2023 – 26.09.2023	Hindustan college of arts and science
123		1 week FDP on “NAAC Accreditation Framework		9.09.2023 – 16.09.2023	Gurushree Shantivijai Jain College
124	Mr. R. Sebastin	The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation,	Seven Days International level virtual FDP	19.09.2023 – 26.09.2023	Hindustan College of Arts & Science, Coimbatore
125		“Effective & Quality Research WritinĀ - Phase V ”	National Level PDP	6.06.2024 - 12.06.2024.	Patrician College of Arts and

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
					Science
127		"Seven Days National Level FDP on Python"	FDP	19.03.2024 - 25.03.2024	Star International Foundation for Research and Education dated
128		"Two weeks Workshop on Qualitative Research using SPSS and AMOS"	WORKSHOP	4.06.2024 - 17.06.2024.	Department of Commerce, SRM institute of Science and Technology, Ramapuram, Chennai
129		NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	FDP	2.07.2024 - 10.07.2024	Malaviya Mission Teacher Training Programme
130		OUTCOME BASED EDUCATION	FDP	1.07.2024 - 5.07.2024	Velammal College of Engineering and Technology, MAdu rai
131	Dr.K.Shobana	The Future of Retail Embracing Technological Innovations to Elevate Customer Experiences"	Conference	December, 2023	SSS Jain College & BSARCIST
132		Faculty Induction Orientation Programme	FDP	20.01.2024 – 18.02.2024	Ramanijan College, University of Delhi
133	Dr. Hassan Shareef	Research Methodology and Teaching Pedagogy	FDP	18.12.2023 - 22.12.2023.	School of Law, NMIMS Hyderabad
134	Dr. Hassan Shareef	21st Century Justice In Education- Strategies in Outcome Based Legal Education	FDP	03.01.2024 - 09.01.2024.	CSL, BSACIST, and Chennai
135	Dr. Rafiya Banu Syed	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants	FDP	15.07.2024 - 24.07.2024	Malaviya Mission Teacher Training Programme

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
		Commission (UGC)			
136	Dr. Rafiya Banu Syed	World Record	21 days class	21 days	International Yoga Day with Habuild
137	Dr. Rafiya Banu Syed	"Strategies for Publishing in High Impact Factor Journals"	Webinar	17.04.2024	B.S.Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai
138	Dr. Rafiya Banu Syed	Python	FDP	19.03.2024 to 25.03.2024	Star International Foundation for Research and Education
139	Dr. Rafiya Banu Syed	Millennium Generation Psychology & Teaching's Well-Being	FDP	19.02.2024 - 24.02.2024	The Internal Quality Assurance Cell (IQAC) & Shri Shankarlal Sundarbai Shasun Jain College for Women.
140	Dr. Rafiya Banu Syed	AI Tool Workshop	Workshop	18.02.2024	Be10X
141	Dr. Rafiya Banu Syed	"Data analysis techniques for qualitative and quantitative research"	FDP	3.01.2024 - 10.01.2024	B.S.Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai
142	Dr. Rafiya Banu Syed	Outcome Based Education	Workshop	45536	Office of Dean Academic BSACIST

7. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2023-June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
21	-	21	-	--	18	6	53	119

8. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

- j) **SCI/Scopus Indexed Journal**
- k) **Other journals**

1. D. Ayub Khan, "Factors influencing whistleblowing intentions among government officials: A Malaysian Study" Journal of Management World, pp. 13-20 Scopus Indexed
2. T. Praveen Kumar, M. Kirupa Priyadarsini, and K. Soundarapandiyani, "Does perceived corporate social responsibility improve customer engagement? An empirical evidence from Indian banks," *Int. J. Public Sector Perform. Manag.*, vol. 13, no. 3, pp. 123-145, 2024. Scopus Indexed
3. T. Selvakumar, K. Soundarapandiyani "Teachers Motivation of self-finance educational institution at Chengalpet District", IPE Journal of Management, ISSN 22499040, Vol.14, No.5, Jan-June 2024 UGC Care
4. S. Dinesh Kumar, K. Soundarapandiyani, and S. Meera, "Commiserating Customers' Purchasing Pattern Using Market Basket Analysis" IEEE Xplore, 2023. Scopus Indexed.
5. K. Soundarapandiyani, S. Dinesh Kumar "Investment Preferences Amongst Millennial and Gen Z – A Study with Reference to Chennai City", Journal of Foundational Research, Vol. XXXI, No.2 (V), Pp 205 – 218, July-Dec 2023. UGC CARE listed
6. T. Praveen Kumar, S. Basavaraj, and K. Soundarapandiyani, "Can co-creating in CSR initiatives influence loyal customers? Evidence from the banking industry," Corporate Social Responsibility and Environmental Management, vol. 31, no. 1, pp. 180-195, Jan. 2024. DOI: <https://doi.org/10.1002/csr.2561> Scopus Indexed.
7. Ziauddin.B, A Study on effective measures of employees stress in IT sector, Humanities and Social Science Studies journal, (UGC Care Journal) ISSN 2319-829X Vol. 12, Issue 01, No. 39, January - June : 2023
8. Ziauddin.B, An Exploratory Study Of the Relationship Between Crude Oil Gold Prices and Indian Stock Market, , Humanities and Social Science Studies journal, (UGC Care Journal) ISSN 2319-829X , Vol. 12, Issue 01, No. 167, January - June : 2023
9. Ziauddin.B, A Rational Impact Of Supply Chain Management Practices In The Shipping And Warehousing Industries In South India, South India Journal Of Social Sciences, (UGC Care Journal) ISSN: 0972 – 8945, Vol. XXI, January –June 2023, P.P No.47
10. Ziauddin.B, Dr.S. Arun Kumar, The Job Satisfaction Level of Women Employees in the Public Sector and Private Sector Banks- A Survey Samdarshi Journal (UGC CARE) ISSN: 2347 – 4777, Vol.16, Issue 5 October 2023, P.P No.16
11. Ziauddin.B, Dr.S. Asan Bawa Dr. Z. Mohammed Yahya A Study on Effectiveness of Social Media as a Marketing Tool, International Journal of Cultural Studies and Social Sciences, (UGC CARE) ISSN: 2347 – 4777, Vol. 20, , Issue 1 January –June 2024, P.P No.209
12. S. Arun Kumar, Dr. Ziauddin.B, Bridging Women Productivity Health with Sustainable Development and Empowerment, International Journal of Cultural Studies and Social Sciences, (UGC CARE) ISSN: 2347 – 4777, Vol. 20, Issue 1, January –June 2024, P.P No.209
13. [Shajar, S.N.](#), [Kashif, M.](#), [George, J.](#), [Nasir, S.](#) The future of green finance: Artificial intelligence-enabled solutions for a more sustainable world. Harnessing Blockchain-Digital Twin Fusion for Sustainable Investments, 2024, pp. 316–32 Scopus Indexed
14. Khan. S., & Nasir. S. "The Performance Of Working Capital Management And Its Effect On Select Indian Aviation Industries", Shodha Prabha, Vol.47, Issue-03, NO.01:2024, P.P. 67-105, 2024
15. Nasir. S., Fathima. I., Khan. S., & Srinivasan. C., "Microfinance: A Tool for Employment Generation With Special Reference to Varanasi", Humanities and Social Science Studies, Vol. 12 Issue (2) No 4, PP. 297-304, 2023

16. Indumathi. N, Nair. Krupa., & Nasir. S. "Effects of the Performance Review Process at Educational Institutions", European Chemical Bulletin, 2023, 12 (6), PP. 522-531, 2023 Scopus Indexed
17. D Paul Dhinakaran; Vinayak Anil Bhat; Vijayakumar. N; S. StalinPanneer Selvam; L. Bhuvaneswari; R. Namadevan Artificial Intelligence Impacts on Human Resource Digitalization Industry 4.0 14-15 December 2023
18. Fathima, I., Nair, K. B., & Vidya, S. (2024). 'Psychological Capital: A New Approach For A Balance Between Social Media And Stress In College Students'. RabindraBharati University Journal of Economics, 35–36
19. M. Thilagavathi; R. Saranyadevi; N. Vijayakumar; K. Selvi; L. Anitha; K. Sudharson AI-Driven Fraud Detection in Financial Transactions with Graph Neural Networks and Anomaly Detection Published in: 2024 International Conference on Science Technology Engineering and Management (ICSTEM)Date of Conference: 26-27 April 2024 Electronic ISBN:979-8-3503-7691-3
20. N V Ramachandran, Dr Radhika R and Dr G Miruthula " Influences of moonlighting among tech workers: A study in Chennai", Rabindra Bharati University Journal of Economics, 2024 Vol. X. VI, ISSN 0975-802X Special Issue Print only
21. S. Arunkumar, and Dr. Ziaudeen.B "Bridging Women's Reproductive Health With Sustainable Development And Empowerment" International Journal of Cultural studies and Social Sciences, Vol-20, Issue-1, No.13, January - June: 2024 :: ISSN: 2347-477
22. Afrin. A "A Study Fintech – Strength And Weaknesses",Eur. Chem. Bull. July2023, 12 (S2), 2432 – 2437, DOI:10.31838/ecb/2023.12.s2.394
23. Afrin. A "Artificial Intelligences (AI) In Education".Tuijin Jishu/Journal of Propulsion Technology,ISSN: 1001-4055,Vol. 44 No. 3 (2023)
24. Afrin. A "Analyzing the Interplay of Social Media and Spontaneous Consumer Actions in The Realm of Online Business Dynamics",Afrin/Afr.J.Bio.Sc. 6(6) (2024) 6206-6212 ISSN: 2663-2187,doi: 10.33472/AFJBS.6.6.2024.6206-6212,June 2024.
25. Afrin. A " Strategies for cultivating Customer Loyalty: A Focus on CRM and Service Quality",ISBN:978-81-968592-4-3,ICSSR sponsored international seminar on"Building a cognitive Enterprise through AI-Powered transformation: A Digital Paradigm For Social And Tribunal Success In Rural Area",July 2024.
26. Afrin. A Analyzing the Interplay of Social Media and Spontaneous Consumer Actions in The Realm of Online Business Dynamics" published on "African Journal of Biological Science" ISSN: 2663-2187 Volume 6, Issue 6, June 2024, doi: 10.33472/AFJBS.6.6.2024.6206-6212
27. Afrin. A Rabindra Bharati University Journal of Economics, " A study on employee perception on organizational performance And Its Impact On Training And Development Practices In State Bank Of India" ISSN : 0975-802X Vol. : XXVIII, No:6, 2024 with IF: 6.986, UGC CARE Approved, Peer Reviewed and Referred Journal.
28. Afrin. A Women at work: Mastering the Digital Shopping Behaviour on Chennai Social Networks", Rabindra Bharathi University Journal of Economics, ISSN 0975 – 802X, June 2024
29. Stella. G "Women at work: Mastering the Digital Shopping Behaviour on Chennai Social Networks", Rabindra Bharathi University Journal of Economics, ISSN 0975 – 802X, June 2024
30. Selvi, K "Role of Talent Management on Employee Retention In Tata Consultancy Services" South India Journal Of Social Sciences ISSN: 0972 – 8945 Vol. XXI January – June 2023
31. Selvi, K "Enthralling E-Trade-Impulsive Buying Post Pandemic" 'Beyond Covid-19: Disruptive Business Practices and Perspectives' Notion Press (ISBN: 9798890670472)

32. Selvi, K., "Digital Nomadism And Virtual Workforce" Shodhthar: Multidisciplinary Research And Analysis (ISBN: 978-81-973085-6-7)
33. Selvi, K. "A Study on Performance Appraisal at Private Limited Companies in Chennai City", Springer edition, 3rd International Conference on Reinventing Business Practices, Start-ups and Sustainability (ICRBSS 2023), Advances in Economics, Business and Management Research 277, February 2024.
34. Srinivasan. C., "The supremacy of artificial intelligence in moulding entrepreneurship in technological era". South India Journal Of Social Sciences, ISSN: 0972 – 8945 Vol. XXI, January – June 2023, No.28 . (UGC CARE).
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37. Srinivasan. C The impact of technological innovations on the resilience and competitiveness of micro, small and medium enterprises (MSMEs) in south TamilNadu: A mixed –methods study. Rabindra Bharathi University Journal of Economics Vol:XVII, No:12,2023 page : 179-184.
38. Srinivasan. C The impact of technological innovations on the resilience and competitiveness of micro, small and medium enterprises (MSMEs) in south TamilNadu: A mixed –methods study. Rabindra Bharathi University Journal of Economics Vol:XVII, No:12,2023 page : 179-184.
39. Srinivasan. C Digital readiness and market resilience: A study on MSMEs in Kanchipuram District. History Research Journal, ISSN: 0976-5425(P) Volume: 30, Issue :05, September-November : 2023, Page 161-
40. Nasir. S., Fathima. I., Khan. S., & Srinivasan. C., "Microfinance: A Tool for Employment Generation With Special Reference to Varanasi", Humanities and Social Science Studies, Vol. 12 Issue (2) No 4, PP. 297-304, 2023
41. Mohammed Sherfuddin, R.Prakash, S. Rafiya Banu, Dr. I. Siddiq, Mr.A. Mathiazhagan, Dr.S. Jayakani & Mr.R. Nagarajan, "Sustainable It Employee Behaviour and Environmental Impact in Chennai as a Result of Green Human Resource Management Practices", Bio Gecko, Vol.12, Issue 03, 2023, Pp. 2612 -2623
42. R.Prakash, Rafiya Banu, Mr. Mohammed Sherfuddin, "Perception and Employees Policies for Admitting Transgender in MSEs with Special Reference to Greater Chennai Corporation", Samdarshi, Vol. 16, Issue 04, 2023, Pp. 89 -98.
43. P.Neethikumar . A Study on Digital Marketing And its Impact in Kanchipuram District printed journal Juni Khyat ISSN Number : 2278-4632 UGC Care Group I Listed Journal Vol-13, Issue – 11, No.04, November : 2023
44. Stella. G., "Women at work: Mastering the Digital Shopping Behaviour on Chennai Social Networks", Rabindra Bharathi University Journal of Economics, ISSN 0975 – 802X, June 2024
45. Salomi Backia Jothi, K.Shobana and J.Janaki. "Achieving gender equality: Exploring correlation between investment for female child in Government scheme with special reference to Sukanya Samriddhi Yojana" , Educational Administration: Theory and Practice, 2024, 30(4), 7524-7531 .ISSN:2148-2403
46. S. Bhawiya Roopaa*, N. Kogila, C. Srinivasan & P. Balasubramanian "A perspective analysis on human resources and suggestive measures to improve their workforce in Indian context", Journal of Information & Optimization Sciences, Vol. 44 (2023), No. 4, pp. 725–732, ISSN 0252-2667 (Print)

47. R. Rajkumar, N.Kogila, Sudha Rajesh, A. Rucksar Begum, Intelligent System for Fraud Detection in Online Banking using Improved Particle Swarm Optimization and Support Vector Machine
48. Vidya, S., & Fathima, I. (2024). Mediating Effect of Personal Affluence Between Financial Literacy And Investment Intention In Financial Assets. *Futuristic Trends in IOT* (pp. 43–45).
49. Fathima, I., Nair, K. B., & Vidya, S. (2024). 'Psychological Capital: A New Approach For A Balance Between Social Media And Stress In College Students'. *Rabindra Bharati University Journal of Economics*, 35–36
50. Nasir. S., Fathima. I., Khan. S., & Srinivasan. C., "Microfinance: A Tool for Employment Generation With Special Reference to Varanasi", *Humanities and Social Science Studies*, Vol. 12 Issue (2) No 4, PP. 297-304, 2023
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53. N. Indumathi, "The Recent Developments of Green Banking in India - An Overview," *EMPEROR Journal of Commerce*, vol. IV, Special Issue II, Mayas Publication, ISSN 2582-9815, 2023
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2. N. Aniruddhan, K. Soudarapandiyar "Future Dynamics and Forecasts in Logistics and Transportation through Digital Transformation – A Study w. r. to Manufacturing Industries", Proceedings of the International Conference on Digital Transformation in Business: Navigating the New Frontiers Beyond Boundaries (DTBNNF 2024), Advances in Economics, Business and Management Research 283,
3. Ziauddeen.B, Dr.S. Asan Bawa Dr. Z. Mohammed Yahya A Study on Effectiveness of Social Media as a Marketing Tool, Proceeding for the International Conference on Sustainability and Technological Advancement in Business (Hybrid Mode) held on 15th Dec 2023
4. Dr.S. Arun Kumar, Dr. Ziauddeen.B, Bridging Women Productivity Health with Sustainable Development and Empowerment, Proceeding for the International Conference on Sustainability and Technological Advancement in Business (Hybrid Mode) held on 15th Dec 2023
5. Nasir. S. Khan.S. " Financial Management Practices in Civil aviation Companies through Artificial Intelligence" Two Day National Seminar on Viksit Bharat & 2047: Role of Banking, Finance and Industry, 16-17 February 2024,
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11. B.Geetha and Dr.S.Arunkumar "Cracking The Glass Ceiling By Women Administrators – A Case Study" The Myriad Facets of Women: A Celebration of the Extraordinary, Jain University Press,Bengaluru [P.No:172](#)
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18. Mr. Arul doss, Dr. Rajini Sekar, "An Opportunities and Challenges of Women Entrepreneurs - The Gypsy Community: A Case Method of Study" in Intern. Conf. on Exploring the Inflection Point in the Landscape of Business Intelligence: Innovation and Advancement, Hindustan College of Arts & Science, 2024.
19. R.Prakash & Mr. Sherfuddin, "Empowerment, Engagement, Excellence: A Chennai Msme Workforce Exploration", in Int.Conference on Business and Finance in Digital Era - Trends and Challenges, SRM Katankulathur, March 6 - 7, 2024, Pp.246
20. P.Neethikumar "Impact of sales promotional tools on consumer buying behavior in FMCG product" paper presented & published in the international conference on "Exploring the inflection point in the landscape of business intelligence: Innovation and Advancement" held on 10th January 2024 organized by the school of business studies in association with Singapore South Asia Chamber of Commerce and Industry (SSACCI) conducted by Hindustan College of Arts & Science School of Business Studies Padur Chennai. Paper published Volume –II Page No:679-683 ISBN 978-93-81208-69-4 .
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24. T.Porkodi, Dr. N.Kogila, Mr. R.Sebastin "Influence of Advertisements and Perception on Consumer Buying Behavior – A Study With Reference to Chennai", South India Journal of Social Sciences, Vol. XXI, January – June 2023, No.28 Pp. No. 99-106, ISSN: 0972 – 8945
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32. N. Indumathi, "Determining Factors for the Mutual Fund Investors in Coimbatore City," in 2nd International Conference on Business and Finance in Digital Era - Trends and Challenges, SRM Institute of Science and Technology, Kattankulathur, India, Mar. 2024.
33. N. Indumathi, "Efficiency Analysis of Assets Liability Management in Indian Commercial Bank," in 2nd International Conference on Business and Finance in Digital Era - Trends and Challenges, SRM Institute of Science and Technology, Kattankulathur, India, Mar. 2024.
34. N.Kogila, Dr. T.Porkodi, Dr. C. Srinivasan, "Influence of Advertising Media on Consumer Preference – A Study With Reference to Chennai City", Humanities and Social Science Studies, VOL. 12 ISSUE (1) NO 10 JANUARY – JUNE : 2023, P.No : 167-164, ISSN 2319-829X
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38. Haris. M., A Study On Employees Training And Development In Tata Consultancy Ltd In Chennai. Organized Dr.MGR Educational Research Institute
39. R.Prakash & Mr. Sherfuddin, "Empowerment, Engagement, Excellence: A Chennai Msme Workforce Exploration", in Int.Conference on Business and Finance in Digital Era - Trends and Challenges, SRM Kattankulathur, March 6 - 7, 2024, Pp.246
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41. Rafiya Banu, "A Comprehensive Analysis And Examination Of The Effective Management Of Workforce Diversity And Inclusion, Along With An Evaluation Of Potential Future Advancements And Strategies.", in Int.Conference on Business and Finance in Digital Era - Trends and Challenges, SRM Katankulathur, March 6 - 7, 2024, Pp.246
42. Aisha.W.Dr.Sharon Priya, Dr.Rafiya Banu, "Automation of forecasting transaction Expense of Payments company Using Machine Learning" In Third International Conference on Innovative Research - in - Economics Management, Information Technology and Legal Studies (ICIR-EMIL III-2023) – Dubai, July 2023.

9. (a) Book(s) Published

S.No	Name of the Faculty	Name of the Book Details	Cost of the book		Name of the Publisher, country& Month of publication	Availability status
			Rs	\$		
1	Prof.(Dr.) Ayub Khan Dawood	Economic Growth and Sustainable Development, ISBN 9788196243944	-	-	Alborear (OPC) Pvt. Ltd. Feb. 2024,	Yes
2	Dr K Soundarapandiyan	Strategic Business Decisions for Sustainable Development – ISBN- 976-81-946660-4-2	-	-	Alborear (OPC) PVT. LTD.	Yes
3	Dr K Soundarapandiyan	Role of Management and Business Practices for Sustainable Development – ISBN - 97881-946660-5-9.	-	-	Alborear (OPC) PVT. LTD.	Yes
4	Dr.K.Shobana	Research Methodology And IPR - ISBN-978-93-92917-51-6	-	-	- -	Yes
5	Dr. R. Prakash	Securing Global Business Environments: Cybersecurity and Privacy in Blockchain Technology	-	-	Shanlax Publications	Yes
6	Dr. R. Prakash	Empowerment, Engagement, Excellence: A Chennai Msme Workforce Exploration	-	-	SRM Kattankulathur	Yes
7	Dr. R. Prakash	A Competitive Guide for Commerce TRB 2024	400	-	Mayas Publications	Yes
8	Dr. Rafiya Banu Syed	Marketing Research ISBN: 9788196804787	550	-	Publisher: REST Publisher	Yes
9	Dr. Rafiya Banu Syed	Human Resource Management ISBN: 9789357623346	650	-	Publisher: AIP	Yes

10	Dr. Rafiya Banu Syed	A Competitive Guide for Commerce TRB 2024	400	-	Mayas Publications	Yes
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(b) Book Chapter(s) Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country& Month of publication	Availability status
			Rs	\$		
1	Dr K Soundarapandiyan	Proceedings of the International Conference on digital Transformation in Business: Navigating the new frontiers beyond boundaries ISBN 978-94-6463-433-4_9	-	-	Atlantis Press/ Springer, Germany, 2024	Yes
2	Dr K Soundarapandiyan	Influence of Technological Innovation in Marketing on Consumer Behaviour	-	-	Atlantis Press/ Springer, Germany, 2024	Yes
3	Dr K Soundarapandiyan	Artificial Intelligence in perspective of Commerce and management ISBN 978-81-19428-80-9/Artificial Intelligence and Predictive Analytics in manufacturing and Supply Chain Management- An exploratory Study with various models and Interpretations	-	-	P. K. Publishers, Delhi, India, 2024	Yes
4	Dr. Sibghatullah Nasir	Harnessing Blockchain-Digital Twin Fusion for Sustainable Investments / The future of green finance: Artificial intelligence-enabled solutions for a more sustainable world.	-	37.50	2024, pp. 316–32 IGI Global Publishing, Scopus Indexed DOI: 10.4018/979-8-3693-1878-2.ch013	Yes
5	Dr.S.L.Sobiya	"E-Commerce and Digital Marketing", International Standard Book Number (ISBN): 978-81-971220-9-5.	-	-	Chendur publication	Yes
6	Dr.N.A.Arshiya Afrin	"E-Commerce and Digital Marketing", International Standard Book Number (ISBN): 978-81-971220-9-5.	-	-	Chendur publication	Yes
7	Dr.N. Vijayakumar	New Trends in Agriculture and Agriculture Finance ISBN 9789395214797 PP-105-108, (2023)	-	-	Maya Publication Salem	Yes
8	Dr. R. Prakash	Recent Trends in Management and Commerce" with ISBN: 978-93-93622-80-8 published in June 2024 – Topic: "Date-driven decision making in Human Resource	-	-	-	No

		Management.				
9	Dr. R. Prakash	Convergence Of Business And Technology, Chapter Contributed Entitled "Unleashing Entrepreneurial Excellence: Mastering The Key Competencies"	-	-	Beyond Lines	Yes
10	Dr. S.L. Sobiya	Recent Trends in Management and Commerce" with ISBN: 978-93-93622-80-8 published in June 2024 – Topic: "Date-driven decision making in Human Resource Management.	-	-	-	
11	Dr.C.Srinivasan	Conceptualizing green consumers and organic consumers – A study in the literature review since Covid -19.- Economic Growth and sustainable development ISBN :978-81-962439-4-4 Page No: 22-26	-	-	Economic Growth and Sustainable Development	Yes
12	Dr.R.Mary Angelin	Digital Marketing Strategy on food industry (pg 112-115)	-	-	Mayas Publications	Yes
13	Dr. Rafiya Banu Syed	Book Chapter: Convergence of Business and Technology – The Entrepreneur's Guide to Embracing the Synergy: Business and Technology Convergence; ISBN :978-93-95659-55-0	-	-	Beyond Lines	Yes
14	Dr. Rafiya Banu Syed	Book Chapter: Digitilized Finclusion Leads to Rural Transformation ; ISBN: 978-93-93996-54-1	-	-	Blue Duck Publication, Srinagar, J&K	Yes
15	Dr. Rafiya Banu Syed	Book Chapter: Human Resource Planning and Development; ISBN: 978-93-5809-832-7 ; DOI: 10.25215/9358098325	Rs. 600	-	Red Unicorn Publishing Pvt. Ltd.	Yes
16	Dr. Rafiya Banu Syed	Book Chapter: Social Entrepreneurship and Sustainable Development Goals ; ISBN: 978-93-5809-832-7 ; DOI: 10.25215/9358098325	Rs. 600	-	Red Unicorn Publishing Pvt. Ltd.	Yes
17	Dr. Indumathi N	Educational Imperatives: Preparing Students for the Security Demands of 6G Networks	--	37	IGI Global Publishing, 2024 DOI: 10.4018/979-8-3693-7421-4.ch005	Yes
18	Dr. Krupa B Nair	Educational Imperatives: Preparing Students for the Security Demands of	--	37	IGI Global Publishing, 2024 DOI:	Yes

		6G Networks			10.4018/979-8-3693-7421-4.ch005	
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10. Patents (Obtained / Applied)

S.No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1	Dr.S.L.Sobiya and Dr.N.A. Arshiya Afrin	"Major Antecedents of Electronic Customer Relationship Management (E-CRM) Studies in the Indian Banking Sector"	25.05.2024	28.06.2024	No
2	Dr.B.Ziavuddeen	"Smart Inventory Management System with Automated Ordering Device"	01.03.2024	22.03.2024	No
3	Dr.S.Arunkumar	"Smart Inventory Management System with Automated Ordering Device"	01.03.2024	22.03.2024	No
4	Dr.M.Sivasankari Dr.N.Vijaykumar	Analysis of Ownership Power and Managing Professional Work Force in a Industry	16.09.2023	6.10.2023	No
5	Dr Radhika R	E-Commerce Advanced Inventory Management Using Ai-Driven Demand Forecasting in E-Commerce Operation	28.01.2024	23.02.2024	No
6	Dr.Indumathi N	System For Advanced Shopping Carts Mobile Commerce Applications	01.03.2024	22.03.2024	No
7	Dr.A.Fathima	Intrapreneurship in Large Corporations: Cultivating Innovation and Employee Entrepreneurial Mindset	14.07.2024	02.08.2024	No
8	Mr. Mohammed Sherfuddin	Artificial Intelligence-Based Device for E-Commerce B2B Transactions	31.07.2024	-	No
10	Dr.N.A.Arshiya Afrin	"Major Antecedents of Electronic Customer Relationship Management (E-CRM) studies in the Indian Banking Sector"	25.05.2024	28.06.2024	No

11. Details of Impact Factor of the Publication and H-Index of the department

- i. Range
- ii. Average
- iii. H-Index 10
- iv. No. in Scopus

12. International Visits by Faculty / Students

S. No	Name of the Faculty/Student	Name of the Institution/Industry	Country	Purpose	Period	Outcome
1	Syed Majid Hussain, III B.Com. Hons.	National central cooling company (Tabreed) Industry - District cooling	UAE	Internship	1 month	Completed summer Internship

13. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr. Rafiya Banu Syed	Young Researcher Award	International Conference on Computational Science, Engineering and Technology (ICCSET 2024) organized by REST Labs & REST Society for Research International at REST Labs, REST Campus	28.02.2024.

14. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1	Dr.K.Soundarapandiyan	E-Business	NPTEL	January-May24
2	Dr.K.Soundarapandiyan	Quality Assurance through NAAC Accreditation Process	SWAYAM	January-May 24
3	Dr. S. Vidya	Teaching And Learning In General Programs: TALG	NPTEL	July 2023
4	Dr. Indumathi N	Services Marketing : Integrating People, Technology,	NPTEL	July- December 2023
5	Dr Kogila N	Human Resource Development	NPTEL	July- December 2023
6	Mrs. S. Farzana	Marketing Management - I	NPTEL	July- December 2023
8	Dr. Vijayakumar.N	Consumer Psychology	NPTEL	July- December 2023
9	Dr. Vijayakumar.N	Cost Accounting	NPTEL	July- December 2023
10	Dr. Vijayakumar.N	Development Research Methods	NPTEL	July- December 2023
11	Dr. Indumathi	Services Marketing : Integrating People, Technology	NPTEL	July- December 2023
12	Mr. R.Sebastin	Strategy	NPTEL	July- December 2023

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
13	Dr. Vijayakumar.N	United Nations Sustainable Development Goals (UN SDGs)	NPTEL	January- April 2024
14	Dr. Vijayakumar.N	NBA Accreditation and Teaching and learning in Engineering (NATE)	NPTEL	January- April 2024
15	Dr. Vijayakumar.N	Project Management	NPTEL	January- April 2024
16	Dr. Indumathi	AI in Marketing	NPTEL	January- April 2024
17	Dr. Indumathi	Organizational Behaviour: Individual Dynamics in Organization	NPTEL	January- April 2024
18	Mrs. S. Farzana	Leadership and team effectiveness	NPTEL	January- April 2024
19	Mrs. S. Farzana	AI in Marketing	NPTEL	January- April 2024
20	Dr. Prakash	Entrepreneurship Essentials	NPTEL	January- April 2024
21	Dr. Vijayakumar.N	Quality Assurance through NAAC Accreditation Process	Swayam	July - December 2023
22	Dr.N.Kogila	Human Resource Development	Swayam	July - October 2023
23	R.Sebastin	Human Resource Development	Swayam	July - October 2023
24	K.Selvi	Human Resource Development	Swayam	July - October 2023
25	Dr.S.Arunkumar.	Organizational Behaviour	NPTEL	July-October 2022
26	Dr.S.Arunkumar.	Classical Sociological Theory	NPTEL	July-October 2023
27	Dr.S.L.Sobiya	Principles of Management	NPTEL	January- April 2024
28	Dr.Arshiya Afrin	Principles of Management	NPTEL	January- April 2024

15. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Ashwin.D I B.Com (P.A)	231531601007	I Prize Fin-Quiz '23	BSACIST	7.11.2023
2	Sulaiman Ahmed I B.Com (P.A)	231531601058	I Prize Fin-Quiz '23	BSACIST	7.11.2023

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
3	Sanjay.S I B.Com (P.A)	231531601051	II Prize Hackathon, International Level Technical Symposium , Precision + '23	BSACIST	31.10.2023
4	Sanjay.S I B.Com (P.A)	231531601051	II Prize Inter Collegeiate Cultural Fest 2023	AM Jain College	06.10.2023
5	Manoj.J I B.Com (P.A)	231531601029	II Prize Inter Collegeiate Cultural Fest 2023	AM Jain College	06.10.2023
6	Irshath Mohammed A III BBA General	211471601040	II Prize Business Quiz Competition 2023	VIT, Chennai	06.10.2023
7	Ansh Pandey III BBA General	211471601037	II Prize Business Quiz Competition 2023	VIT, Chennai	06.10.2023
8	Kishore Kumar.G	231531601027	III Prize Inter College Marketing Fest 2023	SRM IST, Katankulathur	20.09.2023
9	Arun Prasath I B.Com (P.A)	231531601006	III Prize Inter College Marketing Fest 2023	SRM IST, Katankulathur	20.09.2023
10	SREE RAM I B.Com (P.A)	231531601057	III Prize Inter College Marketing Fest 2023	SRM IST, Katankulathur	20.09.2023
11	Mohammed Abdur Rawoof (I B.Com P.A)	231531601031	First Variety	Puducherry Technological University	22.3.2024
12	Mohammed Abdur Rawoof (I B.Com P.A)	231531601057	First Variety	Vel's IST	20 & 21.03. 2024
13	Mohammed Abdur Rawoof (I B.Com P.A)	231531601057	First Variety	SRM IST, Katankulathur	16.3.2024
14	Saferulla.A (II B.COM Honours)	221451601037	First One – Liner	SRM IST, Katankulathur	16 & 17.3.2024
15	R.Sathish (I B.Com P.A)	231531601052	Third Business Quiz	Sri Sankara Arts And Science College, Kanchipuram	15.3.2024
16	G.Jegan (I B.Com P.A)	231531601019	Third Business Quiz	Sri Sankara Arts And Science College, Kanchipuram	15.3.2024
17	Irshath Mohammed.A (III BBA General)	211471601040	First Smarticles	SRM IST, Katankulathur	11& 12. 3.2024
18	Ansh Pandey (III BBA General)	211471601037	First Smarticles	SRM IST, Katankulathur	11& 12. 3.2024
19	Sulaiman Ahmed (I B.Com PA)	231531601058	First Smarticles	SRM IST, Katankulathur	11& 12. 3.2024
20	Irshath Mohammed.A (III BBA General)	211471601040	First Inpursuit of Dispute (Debate)	SRM IST, Katankulathur	11& 12. 3.2024
21	Ansh Pandey (III BBA General)	211471601037	First Inpursuit of Dispute (Debate)	SRM IST, Katankulathur	11& 12. 3.2024

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
22	Subashini.R (III B.Com Honours)	211451601055	First Strategize 2024 (Rs 15,000)	IIT, Madras	10.3.2024
23	Mohammed Anas A.H (III B.Com Honours)	211451601029	Third (Rs 5,000) Strategize 2024	IIT, Madras	10.3.2024
24	Abdul Haleem (III B.Com Honours)	211451601004	Second E Auction	IIT, Madras	10.3.2024
25	Rizwan Ahmed (III B.Com Honours)	211451601045	Second E Auction	IIT, Madras	10.3.2024
26	Shrivathsan (III B.Com Honours)	211451601048	Second E Auction	IIT, Madras	10.3.2024
27	Bhagyalakshmi II B.Com. PA	221531601009	Second E Auction	IIT, Madras	10.3.2024
28	Mokaram Ahmed (II BBA FS)	221491601043	Second E Auction	IIT, Madras	10.3.2024
29	Roshini P	231291601038	Gold Medal IN	Silambam & AMP	-

16. Details of credit transfer through NPTEL/Swayam/MOOC courses

S.No.	Name of the student & Programme	RRN	Name of the course	Credit	Grade Obtained
1.	Aniruddhan N (Ph.D.)	230983701004	Research Methodology	4	A
2	Sharanaya Venkateshan (Ph.D.)	230983704003	Research Methodology & Statistical Analysis	4	A
3	Aniruddhan N (Ph.D.)	230983701004	Operations management	3	B
4	Aniruddhan N (Ph.D.)	230983701004	Supply Chain Digitilization	3	A
5	Aniruddhan N (Ph.D.)	230983701004	Research Methodology & Statistical Analysis	4	B
6	Sharanaya Venkateshan (Ph.D.)	230983704003	Research Methodology & Statistical Analysis	2	B
7	Rucksar Begum. A (Ph.D.)	230983704001	Research and Publication Ethics (RPE)	2	A

17. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Felicitation Ceremony for the ACCA Achiever	2 Hours	10 Faculties and 60 Students	Award Ceremony	Students got motivated for further Excellence

18. Industry / Institute Collaboration

S.No	Name & Detail of Industry	Type of Collaboration	Month & Year	Status	Outcome
1	M/s JM Education Initiatives Pvt Ltd, Chennai	MOU	18.07.2018	Active	Classes for Tally Prime Program
2	ISDC, UK	MOU	November,2018	Active	Training
3	ACCA	MOU	November,2021	Active	315 ACCA Affiliates
4	Miles Education	MOU	March.2022	Active	Training
5	CIMA	MOU	April, 2019	Active	Certification in Digital Finance, Financial Reporting and Management Accounting

19. Professional Society Activities

S. No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1	Universitas Islam Bandung (UNISBA), Indonesia	Academic Collaboration	-	27	-	Prof. Dr. Tasya Aspiranti, Vice Dean for Academic Affairs, Faculty of Economics and Business Universitas Islam Bandung, Indonesia	30 Students completed different courses

20. MoUs Signed

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome
			Day	Month	Year	
1	Universitas Islam Bandung (UNISBA), Indonesia	Academic Collaboration for Faculty and Students Exchanges Program	31	January	2024	Learning and gaining Knowledge through Faculty and Students Exchanges Program

21. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1	Mrs. Theresa Jacob	Executive Learning, ISDC, United Kingdom	15.02.2024/ ACCA Felicitation Ceremony	ACCA Felicitation Ceremony

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
2	Prof. Dr. MBM Ismail,	Professor in Management, Faculty of Management and Commerce, South Eastern University of Sri Lanka.	22.02.2024/one day/Guest Lecture	Awareness of Sustainable Development Goals by Technology and Business Resilience
3	Dr. Hemantha Kumar	Presidency University, Bengaluru	Academic Auditing Program	Auditing
4	Mr. Uttam Pai	Asst. Vice President, Academics and University relations, Miles Educations	22.04.2024/ BOS Meeting	BOS Meeting
5	Mr. Mani A S	GM, Miles Education	22.04.2024/ BOS Meeting	BOS Meeting
6	Smt. Roshni Nair Radhakrishnan India Pvt. Ltd., Bangalore	ACCA, CPA, CGA AVP, Deutsche Bank	April 23-24, 2024/ Commercio'24	COMMERCIO'24
7	Dr. Panchalan	Professor and Head, IDE, Madras University, TN	22.04.2024/ BOS Meeting	BOS Meeting
8	Prof. Dr. Tasya Aspiranti	Vice Dean for Academic Affairs, Faculty of Economics and Business Universitas Islam Bandung, Indonesia	31.01.2024	Exposure about Circular Economy towards Sustainable Financial Development
9	Dr. Muhammed Jamsheer TP	Assistant Professor and HOD, Department of Economics, Sullamussalam Science College, Areacode, Kerala	09.10.2023 – 15.10.2023	Student Exchange Program
10	Mr. Wali Rahmani,	Lawyer, Social Entrepreneur and Founder Chairman of UMEED Academy, Kolkata.	04.10.2023 /one day/ Motivational Talk On Leadership The Path to Success Stories	Motivational Talk On Leadership The Path to Success Stories
11	CA.A.Vijay Stephen	M/s.John Moris & Co,Chartered Accountants,Chennai	1.09. 2023/ Career awareness program on "Chartered Accountant Course	Career awareness program on "Chartered Accountant Course
12	Mr. John Moris	M/s.John Moris & Co,Chartered Accountants,Chennai	1.09. 2023/ Career awareness program on "Chartered Accountant Course	Career awareness program on "Chartered Accountant Course
13	Dr. K. R. Sowmiya	Professor in Business and Economics, Kabridahar University, Ethiopia	21.12. 2023/ International Conference on Economic Growth and Sustainable Development	International Conference on Economic Growth and Sustainable Development
14	Mr. M. Arun	Plant HR Manager VISTEON Electronics India Pvt. Ltd. Chengalpattu	-	-
15	Mr. Rajiv Rabindaran	Senior Faculty, International Skills Development Corporation	January to March 2024 / AFM and APM Training	Students of B.Com. Hons. got training of AFM and APM
16	Mr. Madhesh Kuppuswamy	Senior Faculty, International Skills Development Corporation	January to March 2024 / SBL and SBR training	Students of B.Com. Hons. got training of SBL and SBR
17	Dr. Devamaindhan B	Associate Professor, Madras University, TN	22.04.2024/ BOS Meeting	BOS Meeting

22. Any other academic relevant information

A. Report of IIT-B Spoken Tutorial, Value Added Course Conducted during Even Semester 2023-24

Name of the Course Teacher : Dr. B. Ziauddin
 Name of the ST Course Conducted : Introduction to Computer Total No. of
 Students Enrolled : 50
 Start Date of the ST Course : 4th February 2024
 End Date of the ST Course : 28th March 2024
 Date of Conduct of ST Exam : 29th March 2024
 Total No. of Students successfully : 50
 completed the course

B. Details of MOOC courses completed by Students (NPTEL / COURSE ERA etc.)

S.No.	Name of the Students	RRN	Programme	Name of the course	Name of the Online Learning Platform	Month & Year
1.	Madhumitha V	221491601027	III BBA FS	Business Development_ From Start to Scale	SWAYAM	January-April 2024
2.	Madhubala.R	231411601046	II B.Com. A&F	Cognitive Psychology	SWAYAM	January-April 2024
3.	Abdhur Rahman Fowzi N C	-	-	Psychology Of Everyday	NPTEL	July - October 2023
4.	Kausshik J	-	-	E-Business	NPTEL	July - October 2023
5.	Mohamed Halideen	-	-	E-Business	NPTEL	July - October 2023
6.	Salmankhan	-	-	E-Business	NPTEL	July - October 2023
7.	Abdhur Rahman Fowzi N	-	-	Great Experiments In Psychology	NPTEL	January-April 2024
8.	Afros Fathima	230302601002	II M.Com	E- Commerce	NPTEL	January-April 2024
9.	Aswini	230302601005	II M.Com	Business law for managers	NPTEL	January-April 2024
10.	Monisha	230302601020	II M.Com	E- Commerce	NPTEL	January-April 2024
11.	Sara	230302601033	II M.Com	E- Commerce	NPTEL	January-April 2024

C. Student Exchange Programme (Universitas Islam Bandung (UNISBA), Indonesia)

S.No	Class	RRN	Name	Course	Final Status
1	II B.COM (PA)	221531601035	Odam Mohammed Ammar	Creative Thinking and Analytical Data	Completed

2	II B.COM (PA)	221531601051	Subhiksha. V		Completed
3	II B.COM (PA)	221531601057	Vasima Sulthana. N		Completed
4	II B.Com. G -D	221291601168	Mohamed Irfan		Completed
5	II B.Com G -D	221291601161	Lavin Akash		Completed
6	I M.Com.	230302601015	Mahjabeen.A		Completed
7	I M.Com.	230302601028	Safrin S H		Completed
8	I M.Com.	230302601025	Rahmathnabeesha.H		Completed
9	I M.Com.	230302601027	Safrin Fathima.AR		Completed
10	II B.Com G -D	221291601190	Satyabhama	Financial Management and Investment Analysis	Completed
11	II B.Com G -D	221291601158	Hudha		Completed
12	II B.COM (PA)	221531601019	Iswariya. M		Completed
13	I M.Com.	230302601008	Gokulakrishnan		Completed
14	II B.Com A&F A	221411601044	Aishwarya A	Global Social entrepreneurship	Completed
15	II B.Com (PA)	221531601009	Bhagyaxlaxmi Panigrahi		Completed
16	III BBA FS	221491601020	Jayashree N	Business Development_ From Start to Scale	Completed
17	II B.COM HONS	221451601032	Rajiya Sulthana M	Financial Management and Investment Analysis	Completed
18	II B.COM (PA)	221531601019	Iswariya. M		Completed
19	II B.COM (PA)	221531601031	Mohammed Arshad		Completed
20	II B.COM (PA)	221531601033	Moorthy. E		Completed
21	II B.COM (PA)	221531601037	Prasanna Kumar. R		Completed
22	II B.COM (PA)	221531601053	Tahsin Parvez. M		Completed
23	II BBA FS	221491601028	Mohamed Haneef		completed
24	II Bcom G -D	221291601190	Satyabhama		Completed
25	II Bcom G -D	221291601158	Hudha		Completed
26	I Mcom	230302601008	Gokulakrishnan		Completed
27	III B Com Hons	211451601003	Aarthi R		completed
28	III B Com Hons	211451601011	Darshini R		completed
29	III B Com Hons	211451601010	Atshaya		completed
30	III B Com Hons	211451601023	Lokeshwari		completed

23. Photographs with relevant captions for Important Activities



The students of SM College, Kerala with the Vice Chancellor and other high officials of the university during Integrated Learning Exchange Programme



Professor MBM Ismail, while giving a lecture on Achieving Sustainable Development Goals by Technology and Business Resilience on 22.2.2024



Mr. Wali Rahmani addressing the students of the Department of Commerce



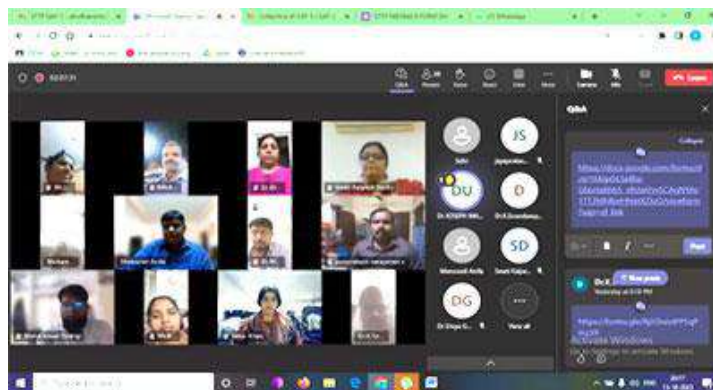
Prof. Dr. Tasya Aspiranti, SE, M.SI while addressing the students in the International Guest Lecture event



Participants of Comercio'24 giving pose with the Chief Guest, Dean, HOD and Faculties of the department



The Dean, SSSH and HOD, Department of Commerce giving some tips to the participants during B-Quiz Competition



A screenshot of one of the sessions of Virtual STTP on Academic Research and Data Analysis using SPSS and AMOS



The students of II B.Com. Hons. giving a group photo in front of the Office of TVS Lucas during their Industrial Visit.



The students of II M.Com. giving a group photo in front of the workshop of Kanan Devan Hills Plantations Company private limited

CRESCENT SCHOOL OF LAW

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1. Details of Field Visits/Industrial Visits Organized by The Department

S. No	Participant Details				Name of Faculty Involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	Field Visit	IX	A	44	Dr.E.Priyanka Ms.Mursalin Farook	National Lok Adalat	09.03.2024
Outcome Of The Visit: Students Observed Lok Adalat Proceedings, Gaining Insight Into Alternative Dispute Resolution Mechanisms.							
2.	Field Visit	IV	A	55	Dr.E.Priyanka Ms. Narmugai Pandiyan Mr.Prem Ram	Sadana\ Forest-Ngo	18.10.2023
Outcome Of The Visit: Students Learned About Sustainable Development Goals (Sdgs) Focusing On Water Conservation And Related Initiatives.							
3.	Social Welfare Visit	VI	A	51	Dr.E.Priyanka	Hope Special School	12.10.2023
Outcome Of The Visit: The Visit Aimed To Familiarize Students With The Structure, Staffing, And Funding Operations Of Non-Governmental Organizations (Ngos).							
4.	Field Visit	VIII	A	52	Dr.E.Priyanka Ms. Saba	Gram Sabha	1.11.2023
Outcome Of The Visit: Students Acquired Knowledge About The Roles And Responsibilities Of Local Self-Government Institutions.							
5.	Beach Cleaning	VIII	A	55	Dr.E.Priyanka Ms.Saba	Kovalam Beach	1.11.2023
Outcome Of The Visit: The Visit Encouraged Students To Raise Societal Awareness By Promoting Environmental Cleanliness.							
6.	Field Visit	All	A	100	Dr.E.Priyanka Ms.A Mursalin Ms.M.Shamima Parveen Ms Samsul Sameera Mr Ihsan Shahzad	Raj Bhavan	30.10.2023
Outcome of The Visit: The Visit to Raj Bhavan Provided Students With A Unique Opportunity To Learn About The Functions And Administrative Roles Of The Governor's Office. Students Gained Insights Into The Constitutional Significance Of The Governor And Its Role In State Governance, Enhancing Their Understanding Of India's Political Framework..							
7.	Educational Visit	IX	A & B	33	Dr.M.A.Saleem Ahmed Mrs.S.Syed Ali Fathima Nisha	New Delhi Agra Supreme Court	26.10.23 7 Days
Outcome Of The Visit: Students Gained Firsthand Exposure To The Functioning Of The Supreme Court And Explored Historical And Cultural Landmarks During Their 7-Day Visit To New Delhi And Agra.							

8.	Kochi High Court Visit	Students of Moot Court Society (I – V Year)	A & B	30	Ankit Anand Dr. M Shamima Parveen Dr. M.A. Saleem Ahamed	Kochi High Court	10 th May – 14 th May 2024
Outcome of The Visit: The Visit To Kochi High Court (10th May – 14th May 2024) Provided Moot Court Society Students With Firsthand Exposure To Live Court Proceedings And Legal Practices. Students Observed Courtroom Dynamics, Interacted With Legal Professionals, And Gained Practical Insights Into Litigation, Enhancing Their Understanding Of Judicial Processes.							

2. Conferences / FDP / Seminars / Workshops Organized by The Department

S. No	Name Of The Programme	Type Of Programme	Duration From - To	Details Of Collaborating Agency	No. of Participants			
					Bsacist		Other Institution	
					Faculty	Students	Faculty	Students
1.	Evolving Legal Landscape Of Technology And Impact Of Ipr	National Conference	24-11-2023	Nil	7	10	7	16
Details of Keynote Speakers : (I) Mrs. Lakshmidevi Somanath (ii) Mr.N.Surya Senthil								
2.	Inquiry Unvelied: Demystifying Research Processes And Scientific Methods.	Special Lecture	21 St Feb, 2024	Na	1	60	-	-
Details of Keynote Speakers : (I) Dr.Duraiarasan.M, Research Supervisor, Patrician College Of Arts And Science.								
3.	Practical Aspects On Criminal Procedure Code	Special Lecture	06/03/2024	-	10	120	-	-
Details of Keynote Speakers : (I) Dr.S.Rajalakshmi, Hod I/C, Deaprtment Of Criminal Law And Criminal Justice Administration,Tndalu								
4.	International Environment Law	Special Lecture	6 th March 2024	---	4	130		
Details of Keynote Speakers: (I) Dr. P Sakthivel, Associate Professor, Director Lib(Hons.), Tndalu								
5.	"Special Contracts"	Special Lecture	20.02.2024-2.00 P.M To 4.10 P.M	-	2	180	-	-
Details of Keynote Speakers: (I) Dr.Ranjit Oommen Abraham ,Hod Cyber Space Law & Justice, The Tamilnadu Dr.Ambedkar Law University.								
6.	Refining Moot Competence: Excelling In Research And Drafting Techniques	Workshop	March 22, 2024	None	35	150	0	0
Details of Keynote Speakers: (I) Advocate G.M Gokul Ram (Advocate Madras High Court).								
7.	Empowering Strategies For Effective Client Counseling An Insightful Discussion	Workshop	April 02, 2024	None	35	300	0	0

Details of Keynote Speakers: (I) Advocate Vijayamehanath (Advocate Madras High Court).								
8.	Health Access Urban Vs Rural Priorities In India	Workshop	October 10, 2023	None	5	50	0	0
Details of Keynote Speakers: (I) Dr. Rajeshwari Shanumuasundar								
9.	Government Intervention Vs Market Forces: Solving The Affordable Housing Crisis	Workshop	October 12, 2023	None	5	50	0	0
Details of Keynote Speakers : (I) Md. Arshad, Advocate								
10.	Effect Of E-Commerce In Local Business	Workshop	October 13, 2023	None	5	50	0	0
Details of Keynote Speakers : (I) Mrs. Padhmavathi Cs								
11.	Space Exploration Vs Social Welfare Funding Choices In India	Workshop	October 11, 2023	None	5	50	0	0
Details of Keynote Speakers : (I) Mr. Prem Ram								
12.	2 nd Intra Moot Court Competition 2024	Moot Court Competition	February 8-9, 2024	None	35	200	0	0
Details of Keynote Speakers : (I)Mr.Abrar Ali Khan, Advocate (Ii)Ms.Archana Kavil, Advocate								
13.	Fundamentals and Procedures of Trial Advocacy	Workshop	05 th February 2024	None	1	190	0	25
Details of Keynote Speakers: (I) Adv. Simarjeet Singh Satia, Advocate								
14.	Sexual Harassment Under The Posh Act and Child Protection Under The Pocso Act	Sensitization Programme	25 th April 2024	Internal Complaints Committee, Bsacist And Social Welfare Department, Government Of Tamil Nadu	200	3	0	0
Details of Keynote Speakers: (I) Dr.R.Mehala (Deputy Superintendent Of Police) (Ii) Mrs.Sabitha Seetharaman – Posh Consultant (Iii) Dr.Sharmila Balaji – Actress And Social Activist (Iv) Ms.Vijaydharani – Advocate And Ex. M.L.A								
15.	Faculty Development Program on 21st Century Justice Education-Strategy in Outcome Based Leagal Education	Fdp	3rd To 9th January, 2024.	Nil	35	0	0	0
Details of Keynote Speakers: (I) Col. Prof. Dr. N.S. Santhosh Kumar Vice Chancellor Of Tamilnadu, Dr. Ambedkar Law University, Chennai (Ii) Dr. Mujahid Ul Islam, Associate Professor, Tndalu (Iii) Prof (Dr). Jeeth Singh Mann Of National Law University (Iv) Prof.(Dr).M.E.D Mohammed, Principal, Thulasi College Of Law For Women (V) Dr.S.Murugesan, Associate Professor Of Government Law College, Trichy (Vi) Mr.L.S.M.Hasan Faizal Additional Government Pleader High Court Of Madras (Vii) Hon'ble Justice Mr.S.Sounthar, Judge High Court Of Madras								

- (viii) Prof (Dr).M.Gandhi, Vice President, Indian Society For International Law
(Ix) Prof.(Dr).Gowri Ramesh, Registrar, Tamilnadu Dr.Ambedkar Law University,Chennai
(X) Dr.S.Amirthalingam, Associate Professor At The Tamilnadu National Law University
(Xi) Y Dr.C.Manickam, Ex I.R.S Officer And Advocate Of The Supreme Court Of India
(Xii) Prof.Dr.S.M.Balakrishnan, Registrar Of Tamilnadu National Law University,Trichy

3. Details of Financial Support / Sponsorship Received for Organizing Various Events:

Sl. No	Name Of The Event	Amount Received	Whether Received From Institution / Outside Sponsors (Please Specify Sponsor Details)
1.	Inquiry Unveiled: Demystifying Research Processes And Scientific Methods.	Rs 5000	Institution
2.	National Conference On Evolving Legal Landscape Of Technology And Impact Of Ipr	Rs.37000	Institution
3.	One Day National Workshop On Trial Advocacy	Rs. 56,000	Institution
4.	One Week FDP On 21 st Century Justice Education-Strategy In Outcome Based Legal Education	Rs.2,44,666	Institution

4. Conferences / FDP / Seminars / Workshops Attended by Faculty.

S. No	Name Of The Faculty	Name Of The Programme	Type Of Programme	Duration From - To	Organized By
1.Dr.E.Priyanka		Law. Management And Social Science Science	International Conference	25 th June , 2023	-
		Use of Ai & Technology In The Administration of Justice - A Paradigm Shift In The 21 St Century	Faculty Development Program	24 th July 2023 To 28 th July 2023	-
		Igen Green Day 2023	Seminar	23rd Oct 2023	-
		Effective Teaching Pedagogical Tools	National Level FDP	06 th Jan, 2024- 25 th Jan, 2024	-
		Indian Criminal Justice Administration Read With New Major Criminal Law Bills Proposed	National Level FDP	14 th Oct 2023	-
		Same Sex Marriage : A Legal Conundrum	Webinar	10 th Feb 2024	-

	Digitalization Innovation	Youth Ministry Talk	18 th Oct 2023	-
	Millennium Generation Psychology And Teacher Well Being	Faculty Development Program	19 th Feb 2024- 24 th Feb 2024.	-
2.Ms.Tamilselvi J	Evolving Legal Landscape Of Technology And Impact Of Ipr	National Conference	24-11-2023	Crescent School Of Law
	21 st Century Justice Education-Strategy In Outcome Based Legal Education	FDP	03 – 09 January, 2024	Crescent School Of Law
	Insights Of Legal Maxims	Special Lecture	26-07-2023	Legal Methods
	Indian Criminal Justice Administration R/W New Major Criminal Law Bills	National FDP	09 – 14 October, 2023	Sathyabama School Of Law
3.Ms.Mursalin.A	“Question Paper Setting And Evaluation For Obe”	Workshop	06/11/2023	Controller Of Examination & Centre For Innovation In Teaching And Learning, B.S.A. Crescent Institute Of Science & Technology In Association With National Institute For Technical Teachers Training And Research, Chennai.
	“Interplay Of Women, Law And Society – Issues And Challenges”	National Seminar	10/11/2023 To 11/11/2023	School Of Law, Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology, Avadi, Chennai.
	Indian Criminal Justice Administration Read With New Major Criminal Law Bills	FDP	09/10/2023 To 14/10/2023	School Of Law, Sathyabama Institute Of Science And Technology.
	“21 st Century Justice Education – Strategies In Outcome Based Legal Education”	FDP	03/01/2024 To 09/01/2024	Crescent School Of Law, Bsacist, Vandalur, Chennai.

	"Question Paper Setting And Evaluation For Obe"	Workshop	06/11/2023	Controller Of Examination & Centre For Innovation In Teaching And Learning, B.S.A. Crescent Institute Of Science & Technology In Association With National Institute For Technical Teachers Training And Research, Chennai.
	"Interplay Of Women, Law And Society – Issues And Challenges"	National Seminar	10/11/2023 To 11/11/2023	School Of Law, Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology, Avadi, Chennai.
	Nep 2020 Orientation & Sensitization Programme Under Malaviya Mission Training Programme (Mm-Ttp) Of University Grants Commission (Ugc)	Orientation & Sensitization Programme	4 th March 2024 To 15 th March 2024.	-
4.S.Syed Ali Fathima Nisha	Faculty Development Program	International FDP	8-14 May 2023	Al Azhar Law College
	Faculty Development Program	Justice Education	03 Jan 09 2024	Crescent University
	National Workshop	AI And Its Impact On Ipr	April 26,2023	Alliance University
	One Day Workshop	Qp Setting	6.11.2023	Crescent University
	Two Days Workshop	Innovative Teaching Practices In Higher Education	13.9.2023 &14.9.2023	Crescent University
	National Workshop	Fostering Innovation And Creativity Through Sustainability Towards A Common Future	April 25,2024	Alliance University
	National Conference	Media -The Fourth Pillar	14 Oct 2023	The Central Law College
	National Seminar	Interplay Of Women ,Law And Society	10&11 November 2023	Vel Tech University
	National Conference	AI And Ipr	24 Nov 2023	Crescent University

	Nep 2020 Orientation & Sensitization Programme	Nep 2020	19 Feb - 28 2024	Malaviya Mission
	International Conference	Forensic Justice	Sep 16 & 17 ,2023	National Forensic Sciences University
	International Conference	Lihets -2024	28 March 2024	Dr.B.R Ambedkar Law University
4.Mr. Mohd. Salim	Presented A Paper Titled- "Religious Symbols In Public Spaces: Navigating Secularism And Freedom Of Expression In India"	National Conference On "Emerging Contours Of Law And Justice In The Contemporary Era: Issues And Challenges"	26 th August - 27 th August 2023	Gauhati University, Assam
	Presented Paper Titled- "Pixels Of Pain: Revenge Porn's Intrusion On Privacy And Its Legal Implications In India"	National Conference On Cyber Law & Cyber Security: Issues And Challenges	9 th September, 2023	Hidayatullah National Law University, Raipur, Chattisgarh
	Ugc –Stride Certificate Course In 'Law And Social Transformation: Contemporary Issues'	Certificate Course	9 th October - 21 st October, 2023	Mahatma Gandhi University, Kottayam , Kerala
	"Nep 2020 Orientation & Sensitization Programme"	Orientation & Sensitization Programme Under Mm-Ttp Of Ugc	19 th February - 28 th February, 2024	Indian Institute Of Information Technology, Design And Manufacturing, Kancheepuram, Chennai
5.Saba Shaffimunna	21 st Century Justice Education-Stratergies In Outcome Based Legal Education	Fdp	3 rd Jan- 9 th Jan	Crescent School Of Law
	"Nep 2020 Orientation & Sensitization Programme"	Orientation & Sensitization Programme Under Mm-Ttp Of Ugc	19 th February - 28 th February, 2024	Indian Institute Of Information Technology, Design And Manufacturing, Kancheepuram, Chennai
6.Narumugai Pandian	Malaviya Mission Teacher Training Programme, Nep Orientation And Sensitisation Programme,	Fdp	18.03.2024 – 27.03.2024	litdm, Kancheepuram
	21st Century Justice Education - Strategies In Outcome Based Legal Education	Fdp	03.01.2024 – 09.01.2024	Crescent School Of Law
7.Meenatchi.V	Nep – Orientation & Sensitation Program	Fdp	18-27 th March, 2024	Malviya Mission Teacher Training Program

	International Conference On Comparative Law: A Story Of Convergences, Divergences And Liminal Spaces	International Conference	15-17 th February, 2024	Vit-Ap School Of Law, Vit -Ap University, Amaravathi.
8.Neha Parveen	Faculty Orientation Program On 'Teaching, Learning Process, Research And Professional Development' In Higher Education	Faculty Orientation Program	From 8 th To 13 th July, 2024	B.S. Abdur Rahman Crescent Institute Of Science And Technology, Vandalur
	Nep 2020 Orientation & Sensitization Programme	Nep 2020 Orientation & Sensitization Programme	Aug 19-30, 2024	Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (Ugc) Organized By Indian Institute Of Information Technology, Design And Manufacturing, Kancheepuram, Chennai
9.Mr. Azhar Iqbal Mozumder	"Emerging Contours Of Law And Justice In The Contemporary Era: Issue And Challenges"	National Conference	26/08/2023 To 27/08/2023	Gauhati University
10.Ranjini Bv	Land Restoration And, Desertification And Drought Resilience	One Day National Workshop	05.06.2024	School Of Excellence In Law Chennai
	Faculty Development Programme	7 Days Fdp	20.05.2024-26.05.2024	School Of Excellence In Law Chennai
	Exploring Inter-Disciplinary Legal Research, Pedagogy And Legal Trends	One Week Fdp	03.06.2024 – 08.06.2024	Sgt University, Haryana
11.M Shamima Parveen	21 st Century Justice Education – Strategies In Outcome Based Legal Education	FDP	January 03-09 2024	Crescent School Of Law
	Research Methodology And Teaching Padagogy	FDP	December 18-22, 2023	School Of Law, Nmims Hyderabad

12. Ms.Samsul Sameera.I	21 st Century Justice-Based Education & Strategies In Outcome-Based Legal Education	One-Week Fdp	3 rd To 9 th January 2024	Crescent School Of Law
	Data Analysis Using Spss - Certification Programme	5-Day Certification Programme	19 th February 2024 To 23 rd February 2024	Centre For Distance And Online Education – Bsacisr
	“Exploring The Uses Of Ai Tools In Research”	One Week Of Online National Level Fdp	08 th To 13 th April 2024	Career Development Cell, Gokul Global Institute Sindhpur, Gujarat
	Capacity Building Programme On Mediation	One Week Capacity Building Programme On Mediation	May 20 To 27, 2024	, Probono India And Gnlc Centre For Law And Society

5. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2023 -June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With Isbn	Others	With Isbn	Others	Sci/Scopus Indexed	Others	Sci/Scopus Indexed	Others	
2	1	-	2	2	11	-	5	23

6. Details (List) Of Publication In National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

a) Sci/Scopus Indexed Journal

b) Other Journals

- Ms.Tamilselvi Jagadeesan "Legal Consequences Of Adultery With Special Reference To India And Phillipines", India Journal Of Law And Legal Research, Vol.V, Issue Iv, Issn: 2582-8878
- Dr.E.Priyanka, Human Rights And The Prison System In India: Navigating Liberalization And Privatization Challenges, Vol. 20, Issue -2 Pp 29-35, 2023.
- Dr.E.Priyanka. Cyber Crimes In Up And Lucknow, Vol 12, Issue 1, No4, 2023
- Dr.E.Priyanka, “ Tribal Women Empowerment: Unlocking Employment Opportunities For Socio Economic Advancement With Reference To Tiruvannmalai District, Vol 20, Issue -02, No 10, 2024
- Dr.E.Priyanka And D.G. Vijayenthira Poopathy, “ Tech -In-Med And Its Legal Landscape, Vol 105, Issue No 5, 2024.
- Dr.E.Priyanka, “New Challenges For Public Administration And The Governance In The Global Context Of The 21st Century”.Vol 23, Issue, 2, July 2023
- Ms.Mursalin.A, “A Study Of Cybercrimes Against Women: Provisions For Protection And Prevention From Cybercrime Under The Indian Legislation”, In International Journal of Law And Social Sciences, Vol Xi, Issues 11, Pp.280-287, Nov 2023. Issn : 2394-4277
- Ms.S.Syed Ali Fathima Nisha, “Constitutional Economic Sustainability In Relevance ”,Journal of Education In Emerging Indian Society , Vol. Xiv,Issue No .9 , Jan & 2024,Issn 2394-434x

9. Ms.S.Syed Ali Fathima Nisha, " An Overview Of Capital Punishment:A National And International Perspective ", Indian Journal Of Law And Legal Research , Vol. V,Issue No Iv , Oct 2023,Issn 2582-8878
10. Ms.S.Syed Ali Fathima Nisha, " Current And Future Research Trends In Ai And Machine Learning Based Legal Applications ", Indian Journal Of Law And Legal Research , Vol. V,Issue No Iv , Oct 2023,Issn 2582-8878
11. Ms.S.Syed Ali Fathima Nisha, " An Analytical Study On The Amplification Of Issues Related To The Taxing Of Space Technology ", Indian Journal Of Law And Legal Research , Vol. V,Issue No Iv , Oct 2023,Issn 2582-8878
12. Ms.S.Syed Ali Fathima Nisha, " ", International Journal Of Law And Social Sciences , Vol. Xi ,Issue No 11, November 2023,Issn 2394-4277
13. Ms.S.Saba, "International Environmental Law And Global Commons- Role Of Conventions", International Journal Of Science And Research, Sijf (2022): 7.942, Issn: 2319-7064
14. Ms.S.Saba, "Mining And Its Effects On Carbon Emissions- An Analysis" , International Journal Of Science And Research, Sijf (2022): 7.942, Issn: 2319-7064
15. Dr. M Shamima Parveen, Unveiling Progress-Analyzing The Telecommunication Act, 2023, Dharmadoot, Vol.19, No.2, Pp. 71-74, 2023
16. Ms.Samsul Sameera.I "Future Trends In The Digital Economy And Their Implications For Taxation" -, Indian Journal Of Legal Review (Ijlr), Volume 4 Issue 1 Of 2024, Pg. 728-738, Apis – 3920 – 0001 & Issn – 2583-2344.

International Conference & National Conference:

- c) Conference With Isbn Proceedings
- d) Other Conferences

1. Dr.E.Priyanka, Ai And Education Advancements, Opportunities And Challenges, Vol. 90, Issue -2 Pp 44-47, 2023
2. Ms.S.Syed Ali Fathima Nisha "An Overview of Child Safety In Media" The Fourth Pillar: Need For Introspection, Oct. 2023, (Isbn: 978- 93- 5265- 308- 9)
3. Ms.S.Syed Ali Fathima Nisha. S, "An Overview of The Interface Between Ipr And Competition Law," In International Conference on Optimizing Intellectual Property Rights In The Globalized World And Understanding The Emerging Challenges Of The Corporate Laws, Assam, Accessed On:March,14,2024. (Isbn:91781234567897)
4. Ms.S.Saba And Ms.Narumugai Pandiaan, "Understanding The Transgender Community & Where They Come From- Progression From Oppression To Freedom- Role Of State Towards Ensuring Rights To Freedom Of Expression And Security", In International Conference On Evolving Jurisprudence Of Freedom As A Right In The Modern Era Organized By School Of Indian Legal Thought (Silt), Mahatma Gandhi University, Kottayam. (Paper Presentation)

7. Book(S) Published

S. No	Name of The Faculty	Name of The Book / Chapter Details	Cost of The Book		Name of The Publisher, Country & Month Of Publication	Availability Status
			Rs	\$		
1.	Dr. E.Priyanka	1	600		Island Publisher, Kanyakumari,India	Available
2.	Ms.Mursalin	Ethics In Law And Politics: Challenges	Rs.700/-		Island Publishers, Tamilnadu, India & 2024. E-	Online

		And Solutions – Chapter 1			Isbn: 9789394510869	
3.	Ms.Saba.S	Book: Ethics In Law And Politics- Environmental Law In Aincient India E-Isbn: 9789394510869	700rs		Island Publishers, Tamilnadu, India &	Online

10. Achievements of Faculty

S.No	Name of The Faculty	Type of Recognition/Award	Details of Awarding Organization	Month & Year
1.	Dr.E.Priyanka	Abcd Reviewer, 2023	Abcd Index	2024
2.	Ms.Mursalin.A	Best Paper Presenter Award	Schol Of Law, Vel Tech Rangarajan Dr.Sagunthala R&D Institute Of Science And Technology, Avadi.	November, 2023

11. Details Of Mooc Courses Completed By Faculty (Nptel / Course Era Etc.)

S.No.	Name Of The Faculty	Name Of The Course	Name Of The Online Learning Platform	Month & Year
1.	Ms.Syed Ali Fathima Nisha	Consumer Protection	Ignou	18 May 24
		Ai And Law	Coursera	Sep 24 , 2023

12. Achievements of Students

S.No	Name Of The Student	Rrn	Type Of Recognition/Award Achieved	Details Of Awarding Organization	Month & Year
1.	Afrin Fathima A.S	228041601004	Paper Presentation. Paper Titled As "Merits And Demerits Of Corporate Leadership".	The Tamilnadu Dr.Ambedkar Law University, Chennai.	April, 2023
2.	Ayisha Fathima K	228041601007	World Record Of Fastest Time To Write 1 To 100 Numbers Using Both Simultaneously.	Worldwide Book Of Records Limited	May,2023
3.	Afrin Fathima A.S	228041601004	Paper Presentation At International Conference. Paper Titled As "Freedom Of Women At Dusk Movement And Personal Liberty"	School Of Indian Legal Thought, Mahatma Gandhi University, Kottayam.	August, 2023
4.	Nithisrini S	228041601033	Certificate Of Appreciation In National G20 Summit Simulation.	The Tamilnadu Dr.Ambedkar Law University, Chennai.	August, 2023

5.	Ayisha Fathima K	228041601007	Certificate Of Appreciation In National G20 Summit Simulation.	The Tamilnadu Dr.Ambedkar Law University, Chennai.	August, 2023
6.	Afrin Fathima	228041601004	Paper Presentation At International Conference On Criminal Jurisprudence Of Death Penalty.	Saveetha School Of Law, Saveetha Institute Of Medical And Technical Science, Chennai.	September, 2023
7.	Safiya S	228041601042	Best Paper Presenter Award At The International Conference On Criminal Jurisprudence Of Death Penalty.	Saveetha School Of Law, Saveetha Institute Of Medical And Technical Science, Chennai.	September, 2023
8.	Afrin Fathima	228041601004	Participation At National Moot Court Society.	Gopal Narayan Singh University, Bihar.	October, 2023
9.	Safiya S	228041601042	Certificate Of Merit For The Paper Presentation In The Interenational Conference On Balancing Intellectual Property Law: Maintaining Incentives And Ensuring Access. Paper Titled As "Implications Of Ip Rights In Accessibility And Affordability Of Technology.	Vit, Pacific Mcgorge, Salzburg Law Schools And Cbs Law-Copenhagen Business School.	October, 2023
10.	Lubana Nisam	228041601023	Participated In The 14 th National Moot Court Competition.	Moot Court Society, School Of Law, Christ University. Bangalore.	February, 2024
11.	Afrin Fathima	228041601004	Paper Presentation At National Conference. Paper Titled As "Evolving Scope Of Maritime Environment Protection"	Department Of Legal Studies, University Of Madras, Chennai.	March, 2024
12.	M.Mohammed Bilal	228041601028	Paper Presentation At National Seminar. Titled As "Human Rights – A Global Issue.	Department Of Legal Studies, University Of Madras, Chennai.	March, 2024
13.	Z Zunaid Abbas	228041601060	Paper Presentation At National Seminar. Titled As "Human Rights – A Global Issue.	Department Of Legal Studies, University Of Madras, Chennai.	March, 2024
14.	M.Mohammed Bilal	228041601028	Participation In Oratorical Event	Guru Nanak Center For Consultancy And Tamil Nadu Police And Home Guards	March, 2024
15.	Harini J	228041601016	Participation In Tamil Moot Competition.	Srm Institute Of Science And Technology, Chennai.	April, 2024
16.	Harini J	228041601016	Participation In The National Moot Court Competition.	Mooter's Society, Kristu Jayanti College Of Law, Bengaluru.	July, 2024

17.	Safiya S	228041601042	Participation In The National Moot Court Competition.	Mooter's Society, Kristu Jayanti College Of Law, Bengaluru.	July, 2024
18.	Priyadharshini.M	228031601074	Throw Ball	Crescent School Of Law	April 2024
		228031601074	Executive Member	The Sports Club Of Crescent School Of Law	July 2023
		228031601074	Participated	Saveetha School Of Law	Oct 2023
19.	Pathmapriya	228031601071	Chess-Winner	The Sports Club Of Crescent School Of Law	April 2024
20.	Sasi Abinav.C	228031601089	Football	The Sports Club Of Crescent School Of Law	April 2024
21.	Jushi Fernando J.	208031601065	1 st Prize In Channel Surfing	Yatra'2024 Organized By Rajalakshmi Institute Of Technology	23/03/2024
22.	Swetha S. Jushi Fernando J.	208031601087 208031601065	1 st Prize In Trash To Treasure	Yatra'2024 Organized By Rajalakshmi Institute Of Technology	23/03/2024
23.	Swetha S.	208031601087	1 st Prize In Corporate Walk	Sasom Melange Organised By S.A. College Of Arts & Science	15/03/2024

13. Developmental Activities of the Department (For Branding/Knowledge Dissemination Etc.)

S.No	Details Of Development Activity	Duration	Details Of Faculty And Student Participation	Objective	Outcome
1.	Legal Awareness Programme	19-10-2023	Ms. Tamilselvi Jagadeesan Along With Legal Aid Committee Students	Promote Legal Awareness	The Residents Of Keerapakkam Village Gained Some Knowledge About Basic Women Rights
2.	Legal Awareness Programme	2-11-2023	Ms. Tamilselvi Jagadeesan Along With Legal Aid Committee Students	Promote Legal Awareness On Anti Corruption	Students Circulated The Pamphlets To Create Awareness On Corruption
3.	Legal Awareness Programme On Pocso Act	11-03-2024	Ms. Tamilselvi Jagadeesan Along With Legal Aid Committee Students	Promote Legal Awareness On Pocso Act	Students Circulated The Pamphlets To Create Awareness On Pocso Act

14. Important Visitors

S.No	Name Of The Visitor	Affiliation Details	Details Of Visit (Date/Duration & Purpose)	Outcome
1.	Justice G M Akbar Ali (Former Judge High Court Of Madras)		July 5 th 2023 - Bos	Regulations, And Curriculum For LI.M. Criminal Law And Taxation Law
2.	Col.Prof (Dr.) N.S.Santosh Kumar (Vice Chancellor, Tndalu)	Tndalu, Chennai	January 7 th 2024	Resource Person - Fdp
3.	Prof. (Dr.) K.C.Sunny (Vice Chancellor- Nuals)	Nuals	July 5 th 2023 - Bos	Regulations, And Curriculum For LI.M. Criminal Law And Taxation Law
4.	Prof.(Dr.)M.Gandhi Former Joint Secretary , Ministry Of External Affairs, Government Of India		July 5 th 2023 - Bos	Regulations, And Curriculum – For UG Programmes

15. Photographs with Relevant Captions for Important Activities

A) Legal Aid Awareness Programs



B) Special Lecture Conducted On Practical Aspects On Criminal Procedure Code By Dr.S.Rajalakshmi, Hod I/C Department Of Criminal Law And Criminal Justice Administration, Tndalu, Chennai On 6th March 2024.



C) The Visit To Raj Bhavan Provided Students With A Unique Opportunity To Learn About The Functions And Administrative Roles Of The Governor's Office. Students Gained Insights Into The Constitutional Significance Of The Governor And Its Role In State Governance, Enhancing Their Understanding Of India's Political Framework.



Thiru.R.N.Ravi, Hon'ble Governor of Tamil Nadu, interacted with the students of Crescent School of Law, Vandalur, at Raj Bhavan, Chennai today (30.10.2023).

CRESCENT SCHOOL OF PHARMACY

CRESCENT SCHOOL OF PHARMACY

1. Interdisciplinary Programmes Conducted:

S. No	Name of Programme	Other departments involved	No. of Participants		Outcome of the Programme
			Students	Faculty	
1	Workshop- Artificial Intelligence in Pharmacy	School of Computer sciences MBA Department Students	50	6	Participants gained insights into the latest advancements, challenges, and opportunities associated with integrating AI into pharmaceutical practices.
2	Work shop- Mendeley Reference Manager	School of Life Sciences	35	6	IV.B.Pharm Students, Life science scholars and Pharmacy scholars learnt about referencing for papers and thesis.

2. Details of Field visits/Industrial visits organized by the department

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration
	Programme	Sem.	Sec.	No. of Students			
1.	Industrial visit	II. B.Pharm	--	60	Dr.D.Jose Prakash	Sai Mirra	16.10.2023
2.	Industrial visit	I. M.Pharm	--	15	Dr.Y.Ismail	Regenix	20.09.2023
3	Industrial visit	IV. B.Pharm	--	60	Dr.Jainaf Nachiya	Alathur	29.02.2024
Outcome of the Visit: To explore syllabus practically							

3. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1.	Artificial Intelligence in Pharmacy	Workshop	30.10.2023	--	6	50	--	--
Details of Keynote Speakers : Mr. Mohammed Irfan.P, Ernst & Young LLP								
2.	Mendeley Reference Manager	Workshop	18.04.2024	--	5	30	--	--

Details of Keynote Speakers :

- (i) Dr.Ashok Pandurangan , School of Life Sciences
(ii) Ms. Ashwathi, School of Life Sciences

4. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1	Dr.S.M.Shaheedha	Effective Utilization of Artificial Intelligence In Drug Discovery	Seminar	28.07.2023	QIS College of Pharmacy
2		Boosting Public Confidence In Pharmacovigilance	Seminar	22.09.2023	DIT University, Dehradun
3		Pharmacist A Practice Positive Player In Rational Therapeutics	Seminar	24.09.2023	Society of Pharmaceutical Sciences and Research
4		Smart Healthcare: Harnessing The Power of Technology	International conference	10 &11 February, 2024	Sultan -UI-Uloom College of Pharmacy
5		Elevating Horizon Of Pharmacotherapy: Pioneering Advances In Drug Therapy	Conference	9 &10 January, 2024	KK College of Pharmacy
6		Innovative Research In Pharmaceutical Sciences, Biosciences And Medical Sciences	Conference	13-15 June 2024	MB School of Pharmaceutical Sciences
7		Recent Trends In Biological Sciences	Seminar	13, February 2024	Bsacist
8		Future of medicine	International conference	19-21, January, 2024	The Deptaof Health And Family Welfare Govt. of Tamil Nadu
9		Production of Biomaterials Using Supercritical Carbon Dioxide for Tissue Engineering and Regenerative Medicine	Seminar	2.03.2024	Bsacist
10		A Comprehensive FDP on Innovative Methods In Analytical Sciences	FDP	1,5 March 2024	Sri Vasavi Institute of Pharmaceutical Sciences
11		Advancement in research and innovation in pharmacy	FDP	24-26 June 2024	Bharath Institute of Higher Education & Research
12		Challenges & opportunities in Drug Repurposing	International Conference	18 & 19 July, 2023	Bharath Institute of Higher Education & Research
13		Mastering Pharmacovigilance	Workshop	21 September, 2023	BSACIST

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
14		Transforming the future of healthcare by Innovative technology	International Conference	14& 15, September,2023	Dr MGR University
15	Dr.R.Prakash	Innovation & Challenges in Pharmacy	FDP	26, February 2023 to 1 March 2024	Saveetha University
16	Dr.Thameemul Ansari	Innovation & Challenges in Pharmacy	FDP	26, February 2023 to 1 March 2024	Saveetha University
17	Dr.Y.Ismail	A comprehensive FDP on innovative methods in analytical sciences	FDP	15 March, 2024	Sri Vasavi Institute of Pharmaceutical Sciences
18	Dr.Y.Ismail	Mastering Pharmacovigilance	Workshop	21 September, 2023	BSACIST
19	Dr.Haja Nasser Ahamed	Mastering Pharmacovigilance	Workshop	21 September, 2023	BSACIST
20	Dr.U.Ubaidulla	Mastering Pharmacovigilance	Workshop	21 September, 2023	BSACIST
21	Dr. Venkatalakshmi	Mastering Pharmacovigilance	Workshop	21 September, 2023	BSACIST

**5. Papers Published/ Presented in Journals & Conferences (Total Numbers Only)
(July 2023 -June 2024)**

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
1	--	--	--	12	2	--	--	14

Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

e) SCI/Scopus Indexed Journal

f) Other journals

1. K.Mekala and S.M.Shaheedha, Exploring the efficacy of polyherbal Nano-Ethosomes in the treatment of Burn wounds, European Chem. Bull.2023,12, (issue 8), 6052-6077. DOI:10.48047/ecb/2023.12.8.483
2. K.Mekala and S.M.Shaheedha, Nanoethosomes for Loading Drugs, Phytocompounds and Peptides in Wound Healing: Formulation Strategy. Indian Journal of Natural Sciences. Vol.14 / Issue 80 / Oct / 2023, ISSN: 0976 – 0997,p 61185-61198
3. Britoraj, AkilandeshwariS, Lakshmi K, Venkateshwaran K, Uma Devi, S M Shaheedha, Investigating the Influence of lipids on nanostructured lipid carrier formulation . Journal of Medical Pharmaceutical and Allied Sciences, Vol 12, Issue 6, 5220 ,Nov-Dec 2023, pages 6147-6154. DOI: 10.55522/jmpas,V12I6.5220

4. A. Firdose; Shaheedha S. M.; A. K., Tasneem; Parveen, Ninara; Syed Riswan; M., Mohamed Ibrahim, Phytochemical Screening and Evaluation of Wound Healing Activity on Roots of *Achyranthes Aspera* Linn., International Journal of Pharma Research . Jul-Dec2023, Vol. 13 Issue 2, p88-96. 9p.
5. Cheruku SR, Shaheedha SM. Unveiling Cytotoxic potential of herbal extracts: *Plectronia parviflora* and *Agave cantula* against MCF and HCT cell lines. International Journal of Pharmaceutical Quality Assurance. 2024;15(1):1-7.
6. Jose Prakash, Prakash , Raja navamani et al., The smart drug delivery of rotigotine using transdermal pathch for the successful management of parkinson's disease, Central nervous system agents in Medicinal chemistry , 1871- 5249
7. Y Ismail et al., Derivation of Chitosan Based Compositematerial with root extracts of *calotropis gigantea* acceteratingh wound healing, Oxidation communication , 46, no 4, 958- 965, 202
8. Pavazhaviji Pazhani, Jose Prakash Dharmian, Somasundaram Arumugam,Pavithra pazhani & Vijaya Vara Prasad Medapatti, Edoxaban enfolded beta-1,4-Poly-D-glucosamine nanoparticles for targeting ponynm Stuart–Prower factor for treatment of venous thrombosis, Journal of Drug Targeting, DOI: 10.1080/1061186X.2024.2377611
9. Pavazhaviji Pazhani , Jose Prakash Dharmian ,Somasundaram Arumugam ,Pavithra pazhani Vijaya Vara Prasad Medapati. Arg-Specific serine Protease-Targeted edoxaban tosylate monohydrate-Poly (lactic-co-glycolic acid) Nanoparticles: Investigating Stuart-Prower factor targeting and intestinal distribution through Ex-Vivo fluorescent visualization, European Journal of Pharmaceutics and Biopharmaceutics 203 (2024) 114459.
10. Pavazhaviji Pazhani,Vijaya VaraPrasad Medapati2, Somasundaram Arumugam, Jose Prakash Dharmian. Hypercoagulability and endothelial activation associated with venous thromboembolism. Journal of Applied Pharmaceutical Science Vol. 13(12), pp 087-095, December, 2023
11. Jose Prakash Dharmian, M.Pharm, Iraniammal Sathiyaseelan, Akshaya Renganathan, Alamaan Mohamed Mubees, Mohammed Yasin Abdul Naser, Prakash Ramkrishnan, Somasundaram Arumugam. Pathophysiology and Management of Onychomycosis and Novel Approaches for EffectiveTransdermal Applications, International Journal of Pharmaceutical Compounding, V. 27 No. 6 // November | December 2023
12. S. P. Angelin Claret, Jose Prakash Dharmian and A. Muthu Manokar. Artificial intelligence-driven enhanced skin cancer diagnosis: leveraging convolutional neural networks with discrete wavelet transformation, Egyptian Journal of Medical Human Genetics (2024) 25:50. <https://doi.org/10.1186/s43042-024-00522-5>
13. Prakash Ramakrishnana, Jayaram Rajangam, Binoy Varghese Cherian, Jose Prakash Dharmiand, Croton hirtus attenuating streptozotocin-induced neuroinflammation in rats. Digital Chinese Medicine 6 (2023) 295-306.
14. Pavazhaviji Pazhani, Somasundaram Arumugam, Jose Prakash Dharmian & Vijayavara Prasad Medapatti, Anti – intercellular adhesion molecule-1(ICAM-1) nanoparticles for damaged endothelium to treat venous thromboembolism, Journal homepage: www.tandfonline.com/journals/ldis20

International Conference & National Conference:

- g) Conference with ISBN Proceedings
- h) Other Conferences

1. Shaheedha S.M. Green synthesis and silver nanoparticles Derived from *Anisomeles malabarica* extract and its anticancer Activity. Revolutionizing Healthcare: Series - 01: Innovations In Smart Polymeric Drug Delivery System organized by Dhanalakshmi Srinivasan University ISBN:978-81-972486-4-1
2. Shaheedha S.M. Green Synthesis , Characterization and mechanism of silver nano particles derived from *Ariopsis peltate* leaf extract and its antimicrobial activity. National Conference on Innovative Research In Pharmaceutical Sciences, Biosciences And Medical Sciences Irbms-2024. Theme of conference: Bridging the gap between academics and Industry13th–15th June 2024 Organized by MB School of Pharmaceutical Sciences, Mohan Babu University.

6. Book(s) Published

S. No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country & Month of publication	Availability status
			Rs	\$		
1	Dr.S.M.Shaheedha	Review on Pharmaceutical Technology-Next-Generation Antibody Therapeutics: Current Status And Fu-Ture Prospects	490	-	Scienz Tech	Hard copy
2	Dr.S.M.Shaheedha	Review on Pharmaceutical Technology-Exploring Herbal Approaches To Cancer Treatment: A Promising Pathway Or Potential Pitfalls	490	-	Scienz Tech	Hard copy

7. Patents (Obtained / Applied)

S. No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents		
			Filed	Published	Granted
1	Dr.S.M.Shaheedha	Application No: 202341075445A Novel Herbal Combination of Salvia officinalis, Mellisa officinalis and Rhodiola rosea for the treatment of Alzheimers Disease	03.11.2023	3.11.2023	-
2	Dr.S.M.Shaheedha	Application No: 400700-001Cbr Number: 214935AI Enabled Soxlet Apparatus for Extraction of Herbal Drugs	25.11.2023	-	11.01.2024
3	Dr.S.M.Shaheedha, Dr.R. Prakash, DR,Jainaf Nachiya	Design No: 6371143A Novel Multi Axis Servo Based Ampoule Washing and inspection Machine	11.06.2024	-	18.06.2024
4	Dr.S.M.Shaheedha	German patent: Implantable Microchip Device for Personolized Drug Delivery in Diabetes management Application No: 202024102014	23.04.2024	23.05.2024	-

8. Details of Major Equipment Purchased (Financial year 2023-24)

S.No	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount in Rs
1	Biochemistry Analyzer	Robonik India	24.04.2024	30.04.2024	1,20,000/-

2	Deep Freezer	Thermo scientific.India	27.05.2024	05.06.2024	1,68,362/-
3	Live Gel Imager gel Documentation system	Medox Biotech	2.04.2024	13.05.2024	2,67,120/-

9. Achievements of Faculty

S.No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr.S.M.Shaheedha	National Best Woman Scientist Award	Avishkar foundation, Solapur	September, 2023
2	Dr.S.M.Shaheedha	Dr.Binod Kumar Bharti - Best Technical Teacher Award	Avishkar foundation, Solapur	September, 2023

10. Details of MOOC courses completed by Faculty (NPTEL / COURSE ERA etc.)

S.No.	Name of the Faculty	Name of the course	Name of the Online Learning Platform	Month & Year
1	Dr.Y.Ismail	One health	NPTEL	April, 2024
2	Dr.Y.Ismail	Cell Biology	SWAYAM	May, 2024

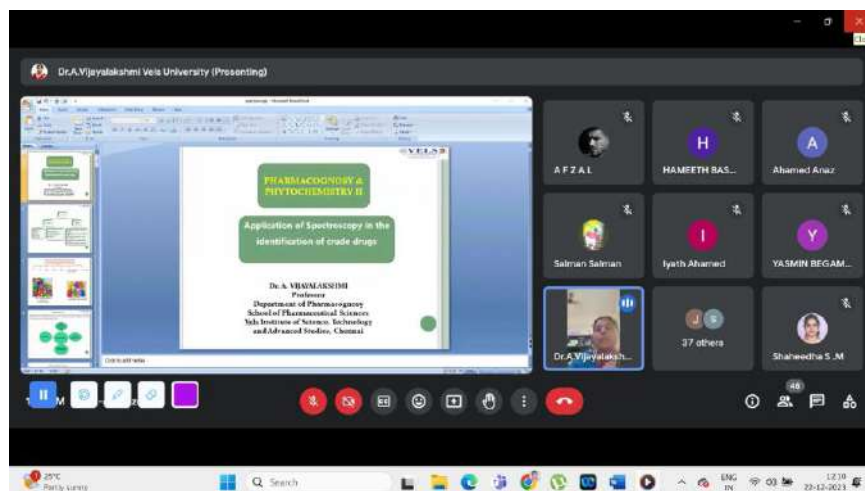
11. MoUs Signed

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome
			Day	Month	Year	
1	Noobtron Pvt.Ltd	Research	17	11	2023	Student internships provided Patents published

12. Photographs with relevant captions for Important Activities:



Workshop on "Artificial Intelligence in Pharmacy" held on 30th October 2023



Webinar on “Basics of Spectroscopy in Phytochemistry” held on 7th November 2023



Guest Lecture on “Pharmaceutical Sciences: Recent Trends and Applications” held on 26th July 2023



Exchange of MoU by Registrar and the CEO of NoobTron Pvt.Ltd.on 17th

SCHOOL OF ARABIC AND ISLAMIC STUDIES

SCHOOL OF ARABIC AND ISLAMIC STUDIES

1. New Programmes Started

S. No	Name of the Programme	Month & Year of Introduction	Details of Approval			
			Board of Studies	Academic Council	BOM	AICTE/UGC/BCI/PCI/COA
1	OL & ODL for UG	July ,2023	Distance Education Bureau	-	-	UGC

2. Value Added Programmes Offered

S.No.	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	No. of Participants		
					Students	Faculty	Others
1	Value Added Programme on “KBA VENTURIST” conducted by SAIS, BSACIST	03.02.2024	3 Hours	Al Bukhari Student Association for Skills Development, Kilakarai Bukhari Aalim Arabic College	340	20	10
2	Value Added Programme – A Debate on the Most Essential Needs for a Happy Family Today.	17.02.2024	4 Hours	Al Bukhari Student Association for Skills Development, Kilakarai Bukhari Aalim Arabic College	300	20	15

3. Interdisciplinary Programmes Conducted

S. No	Name of Programme	Other departments involved	No. of Participants		Outcome of the Programme
			Students	Faculty	
1	Guest Lecture / Career Guidance on MNC Jobs Career Guidance Programme by the resource person Mr. Mohamed Nasar Al-Bukhari Nadwi, Sr. Ads Campaign Specialist - Arabic, Amazon Corporation, on 26 th January, 2024.	-	265	10	-

2	Guest Lecture on "HISTORY OF ISLAMIC EDUCATION", Resource Person Prof. M. MOHAMED ISMAIL M.E., M.A., LLB., (Trainer for Higher Education, Tamilnadu Muslim Kalvi Iyakkam) at SAIS – Girls Section Seminar Hall, on February, 09, 2024.	-	265	15	-
3.	Night of Journey Isra Mi'raj Resource Person Dr. M. Mohamed Rafiq Hasani, Assistant professor of School of Arabic & Islamic Studies – SAIS in association with Kilakarai Bukhari Aalim Arabic College, Vandalur, Chennai, on February 07, 2024.	Kilakarai Bukhari Aalim Arabic College, Vandalur, Chennai	340	15	-
4.	Guest Lecture on "Night of Journey Isra Mi'raj Resource Person Dr. K.J. Mohideen Abdul Kadir Assistant professor of School of Arabic & Islamic Studies – SAIS in association with Kilakarai Bukhari Aalim Arabic College, Vandalur, Chennai, on February 07, 2024.	Kilakarai Bukhari Aalim Arabic College, Vandalur, Chennai	340	15	-
5	Guest Lecture on "Nabi Vakkum Nam Pokkom" on the occasion of Meeladun Nabi Function. Resource Person Mr. Mohidden Dawoodi, on 23.09.2023	-	350	15	-
6.	The words of Truth, cultural program, To enhance Islamic knowledge & insight about Arabic Language, conducted by SAIS, BSACIST, on 16 th & 17 th FEB 2024	All Dept. BSACIST, (Girls only)	250	12	75 students awarded certificates and prizes.

4. Conferences / FDP / Seminars / Workshops Organized by the department

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	No. of Participants			
					BSACIST		Other Institution	
					Facul ty	Stude nts	Facul ty	Stude nts
1	A Two-day International Conference on Social Sciences, Languages and Culture ICSSLC 23	International Conference	12&13 October 2023	Department of English in collaboration with Center for international relations, School of sciences and Humanities & SAIS	35	400	15	200

Details of Keynote Speakers:

- (i) Dr. Rizwanur Rahman, Professor, Ex-Chairperson, Center of Arabic and African Studies, School of Language Literature and Culture Studies, Jawahar Lal Nehru University, Delhi.
(ii) Dr. Md. Qutbuddin, Centre of Arabic and African studies, School of Language Literature and Culture Studies, JNU, Delhi.

5. Conferences / FDP / Seminars / Workshops Attended by faculty.

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organized by
1.	Dr. A. Abdul Hai	Prophetic Method of Imparting Family Values to Youth	International Conference	12&13 October 2023	Dept. of English, BSACIST in collaboration with SAIS, BSACIST
		The Beauty of Storytelling in the Holy Quran	International Arabic Hybrid Seminar	29. 02.2024	The New College Chennai
2.	Dr. S. Abdus Samad	Prophetic Method of Imparting Family Values to Youth	International Conference	12&13 October 2023	Dept. of English, BSACIST in collaboration with SAIS, BSACIST
		The Beauty of Storytelling in the Holy Quran	International Arabic Hybrid Seminar	29. 02.2024	The New College Chennai
3.	Dr. Mohamed Rafiq	Milliennium Generation Psychology & teacher's well being	FDP	21-27 February 24	IQAC & PG department of applied psychology, Jain College for women
		Mastering E-Content Development	FDP	28 Feb. 24 to 07. March 24	Centre for distance and online education
		Paper setting and evaluation for OBE	Workshop	06.11.2023	COE & Centre for innovation in teaching & learning, BSACIST, in association with NITTTR
		A Brief Study on Great Stories about the Morality of the Pious Predecessors,	International Arabic Hybrid Seminar	29. 02.2024	The New College Chennai
		Brief Study on Justice in the Teachings of the Prophet,	International Conference	12&13 October 2023	BSACIST
4.	Dr. Mohammad Faisal	Faculty orientation programme	FDP	22 June- 21 July 23	Teaching Learning Centre Ramanujan College University of Delhi
		Mastering E-Content Development	FDP	28 Feb. 24 to 07 March 24	Centre for distance and online education
		Social Values in Arabic Literature	International Conference	12&13 October 2023	BSACIST

		Development of Moral Stories and Poems in Arabic Literature	International Arabic Hybrid Seminar	29. 02.2024	The New College Chennai
		One-day Workshop on Question Paper Setting and Evaluation for OBE	Workshop	06.11.2023	Office of the Controller of Examinations & Centre for Innovation in Teaching and Learning BSACIST in association with NITTTR Chennai.
5.	Dr. Mohideen Abdul Kadir K.J.	Out come based Education	One Day Workshop	09.01.2024	Office of the Dean Academic Affairs and School of Electrical & Communication Sciences, BSACIST
		Development of Moral Stories and Poems in Arabic Literature	International Arabic Hybrid Seminar	29-02-2024	P.G. & Research Department of Arabic, The New College, Chennai-48.
		Mastering E-Content Development	Seven -Day National Level Faculty Development Programme	28.02.2024 to 07.03.2024	The Centre for Distance and Online Education, BSACIST.
		GEN Z College Journey: Challenges & Opportunities	Six-Day National Level Faculty Development Programme	01-03-2024 TO 07-03-2024	PG Department of Commerce & Department of Commerce with Computer applications in Association with Institution Innovation's council, AIMA College of Arts and Science college, Trichy -21.
		Cultural Heterogeneity in Language, Linguistics & Literature	Six-Day International Online Faculty Development Programme	01.07.2024 to 06.07.2024.	Department of English, BSACIST, in collaboration with University of Strathclyde, Scotland Supported by: Edvoy Educational Services Pvt. Ltd.
		Financial Empowerment through wealth Creation	National Webinar	04.06.2024	Center for distance and online education, BSACIST, in collaboration with Association Mutual Fund of India (AMFI).
		Wealth Creation through Financial Planning	National Webinar	06.06.2024	Department of Commerce and Political Science, Guru bhrannanad kanya Maga vidyala, Anjantali(Karnal), Haryana , , in collaboration with Association Mutual Fund of India (AMFI).
6.	Dr. Yasar Arafath	Mastering E-Content Development	Seven -Day National Level Faculty Development Programme	28.02.2024 to 07.03.2024	The Centre for Distance and Online Education, BSACIST

7.	Mrs .Gulzar Begam	Paper setting and evaluation for OBE	Workshop	06.11.23	COE& Centre for innovation in teaching & learning BSACIST in association with NITTTR
		Development of Moral Stories and Poems in Arabic Literature	International Arabic Hybrid Seminar	29-02-2024	P.G. & Research Department of Arabic, The New College, Chennai-48.
		Social Values in Arabic Literature	International Conference	12&13 October 2023	BSACIST
8.	Dr. Usman Ali. S.A.	Faculty orientation programme	FDP	21June- 19 September 23	Teaching Learning Centre Ramanujan College University of Delhi
		Mastering E-Content Development	Seven -Day National Level Faculty Development Programme	28.02.2024 to 07.03.2024	The Centre for Distance and Online Education, BSACIST
		Brief Study on Justice in the Teachings of the Prophet,	International Conference	12&13 October 2023	BSACIST
9.	Dr. Ahamedullah M.	Mastering E-Content Development	Seven -Day National Level Faculty Development Programme	28.02.2024 to 07.03.2024	The Centre for Distance and Online Education, BSACIST
		Brief Study on Justice in the Teachings of the Prophet,	International Conference	12&13 October 2023	BSACIST
		Faculty orientation programme	FDP	23 May - 21 June 23	Teaching Learning Centre Ramanujan College University of Delhi
		Psychological Skills for Teaching and Learning	FDP	15 July - 21 July 23	Teaching Learning Centre Ramanujan College University of Delhi

6. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2023 -June 2024)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	6	-	-	-	3	4	

7. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

- i) SCI/Scopus Indexed Journal
- j) Other journals

1. Dr. A. Abdul Hai, Effect of An Activity-Based Learning In Teaching Arabic Paragraph Writing To AFL Learners, Ijaz Arabi: Journal of Arabic Learning (Indexed in WoS), Vol. 6, Issue. 3.
2. Dr. A. Abdul Hai, Love and Kindness in the Sufi Literature: A Descriptive Study, Al-Bukhari Journal of Arabic and Islamic Studies, (ISSN: 2583-2379) Vol. 4, Issue 1, January-June 2024. (P 54-64)
3. Dr. A. Abdul Hai, Islamic-Arab Morals, Virtues and Characters In Arabic-Tamil Novel "Madinatun Nuhas" Or "Tamirapattanam" Ijaz Arabi: Journal of Arabic Learning (Indexed in WoS), Vol. 7, Issue. 1.
4. Dr. A. Abdul Hai, Principles of Teaching Arabic Language In The Indian Context Teachers' View, Ijaz Arabi: Journal of Arabic Learning (Indexed in WoS), Vol. 6, Issue. 2, 575-584.
5. Dr. A. Abdul Hai, Martyrdom of Aggrieved Caliph: A Descriptive Study, Al-Bukhari Journal of Arabic and Islamic Studies, (ISSN: 2583-2379) ,Vol 3- Issue 2, July-December 2023. (P 71-83)
6. Dr. S. Abdus Samad, The beautiful qur'anic style on proverbs International Conference proceedings, Proverb and Wise sayings in Arabic Literature, 978-93-340-1322-1, 10-21, February 2024.
7. Dr. S. Abdus Samad, The Famous Scholar Muhammad Al Rabe Al Hasani Al-Nadwi is India's gift to the Islamic world, Al-Baas - el – Islami, 2347-2456, November 2023.
8. Dr. S. Abdus Samad, Justice in the Teachings of the Prophet, (peace be upon him) Al- Bukhari Journal of Arabic and Islamic Studies, International peer-reviewed annual journal, 2583-2379, JAN-JUN 2024.
9. Dr. S. Abdus Samad, Prophetic Method of Imparting Family Values to Youth, International Conference on Social Sciences, Languages and Culture (ICSSLC`23) , October 2023.
10. Dr. S. Abdus Samad, The Beauty of Storytelling in the Holy Quran, INTERNATIONAL ARABIC HYBRID SEMINAR on "Development of Moral Stories and Poems in Arabic Literature" February 2024.
11. Dr. S. Abdus Samad, Human values in the artistic prose of the Holy Qur'an, Al-Baas - el – Islami, 2347-2456, UGC Care Group 1, July 2023.
12. Dr. S. Abdus Samad, Mohammad Al Rabe Al Hasani Al-Nadwi an eminent Islamic scholar, thinker, educationist, Majalla al -Aasima (Refereed Annual Research Journal) Arab Impact Factor;3.12 ISSN;2277-9914, e-ISSN;2321-2756 UGC Approved Research Journal (Discontinued), December- 2023.
13. Dr. Mohammad Faisal, "Social Values in the light of works of Gibran Khalil Gibran" An Analytical Study Al-Bukhari Journal of Arabic & Islamic Studies Vol 4 No1, pp. 77-85 January to June 2024.
14. Dr. Mohideen Abdul Kadir K.J., A Brief Study on the Nutshells of Wise Sayings and their Rhetoric in the Prophet's Sayings, International Conference proceedings, Proverb and Wise sayings in Arabic Literature, ISBN-978-93-340-1322-1, 151-159, March 2023.
15. Dr. Mohideen Abdul Kadir K.J. A Brief Study on the women in kowaitiyan stories, International Conference "Development of Moral Stories and Poems in Arabic Literature" February 2024.
16. Dr. Mohamed Rafiq A Brief Study on Proverbs and wise sayings about wellness and health, International Conference proceedings, Proverb and Wise sayings in Arabic Literature, ISBN-978-93-340-1322-1, 119-124, March 2023.
17. Dr. M. Mohamed Rafiq Justice in the Teachings of the Prophet, (peace be upon him) Al- Bukhari Journal of Arabic and Islamic Studies, International peer-reviewed annual journal, 2583-2379, JAN-JUN 2024
18. Dr Yasar Arafath, Islamic Arab Morals, Virtues and Characters in Arabic-Tamil Novel Ijas Arabi Vol.7 No-1 February 2024
19. Mrs. Gulzar Begum & Dr Syed Masood "Problems of learning Arabic in Arabic schools for women in Tamil Nadu and solutions" Vol 14 ISSUE 2 May -Aug2024 Kalikoot peer reviewed- UGC Care List
20. Dr. Ahamedullah M. - Islamic Arab Morals: Virtues and Characters in Arabic -Tamil Novel - Ijas Arabi Vol.7 No-1 February 2024 – (WoS)

21. Dr. Ahamedullah M. - A Qualitative Exploration of the Impact of Fostering AFL- Ijas Arabi Vol.7 No-2 June 2024 – (WoS)
22. Dr. Ahamedullah M. - Effect of an Activity based Learning in Teaching Arabic - Ijas Arabi Vol.6 No-3 Oct 2023 – (WoS)
23. Dr. Ahamedullah M. – Navigating Islamophobia: The Muslim Experience in Monica Ali's Brick Lane – Dharmadoot, Maha Bodhi Society of India, UGC Care – Group 1, Vol.90 No-2, Nov 2023 – (ISSN 2347-3428)
24. Dr. Ahamedullah M. – Empowering Portrayals: Arab Woman's Roles in My Name is Salma By Fadia Faqir, – Dhimahi, Chinmaya International Foundation, UGC Care – Vol.90 No-2, Nov 2023 – (ISSN 0976-3066)
25. Dr. Ahamedullah M. – Zakat as a Tool for Poverty Alleviation: Insights from Islamic Philanthropy – Journal of the Asiatic Society of Mumbai, UGC Care Group 1 – Vol.102 No-1, Feb 2024 – (ISSN 0972-0766)
26. Dr. Ahamedullah M. – Microfinance in Islamic Context: Bridging the Gap for Poverty Alleviation – Journal of the Oriental Institute, MS University of Baroda, UGC Care Group 1 – Vol.20 Issue 02, No-10, March 2024 – (ISSN 0030-5324)
27. Dr. Usman Ali S.A. - Islamic Arab Morals: Virtues and Characters in Arabic -Tamil Novel - Ijas Arabi Vol.7 No-1 February 2024 – (WoS)

8. Achievements of Faculty

S. No	Name of the Faculty	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr. S. Abdus Samad	Best Nation Builder Teacher Award (National) Avishkar Achievers Award 2023"	Avishkar Achievers Award 2023", Avishkar Foundation, Solapur.	December & 2023

9. Achievements of Students

S.No	Name of The Student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Abdur Rahumaan M	210111601003	2 ND Prize Arabic Story Writing	Department of Arabic, Persian, and Urdu, University of Madras	February, 2024
2	Roohul Haq. S	220111601052	2 ND Prize Arabic Nasheed	Department of Arabic, Persian, and Urdu, University of Madras	February, 2024
3	Mohammed Kamaludeen. M	220111601042	1 ST Prize Arabic Speech	Department of Arabic, Persian, and Urdu, University of Madras	February, 2024
4	Riyaz J	210111601054	2 ND Prize Arabic Grammar	Department of Arabic, Persian, and Urdu, University of Madras	03.02.2024
5	Riyaz J	210111601054	1 ST Prize English Speech	Tamil Nadu Urdu Academic & Department of	08.02.2024

				Higher Education Government of Tamil Nadu	
6	Vajihur Rahman S.H	210111601063	2 ND Prize English Speech	Tamil Nadu Urdu Academic & Department of Higher Education Government of Tamil Nadu	08.02.2024
7	Muhammad Hamza. S	230111601050	3 RD Prize English Speech	Tamil Nadu Urdu Academic & Department of Higher Education Government of Tamil Nadu	08.02.2024
8	Mohamed Harris	210111601020	1 ST Prize Urdu Speech	Tamil Nadu Urdu Academic & Department of Higher Education Government of Tamil Nadu	08.02.2024
9	Mohamed Khalid Sarkar E	210111601025	2 ND Prize Urdu Speech	Tamil Nadu Urdu Academic & Department of Higher Education Government of Tamil Nadu	08.02.2024
10	Musfir Baig. M	220111601048	3 RD Prize Urdu Speech	Tamil Nadu Urdu Academic & Department of Higher Education Government of Tamil Nadu	08.02.2024

10. Any other academic relevant information

- School of Arabic & Islamic Studies conducted a Career Guidance on MNC Jobs Career Guidance Programme by the resource person Mr. Mohamed Nasar Al-Bukhari, Nadwi Sr. Ads Campaign Specialist - Arabic, Amazon on 26 January, 2024.
- School of Arabic & Islamic Studies Awareness Programme on “Tree Planting Function” BSACIST on 13 January, 2024.
- University of Madras conducted the World Arabic Day Celebration Quiz Competition, oratory, on for the Department of Arabic, Persian, and Urdu at 11.00 am, on February 03, 2024.
- School of Arabic & Islamic Studies, B.S Abdur Rahman Crescent Institute of Science & Technology in Collaboration with Tamil Nadu Urdu Academic & Department of Higher Education Government of Tamil Nadu conducted Student Development Programme “The Services of Muthamizh Arignar Dr. Kalaignar Towards The Promotion Of Tamil Language At Global Level” at B.S Abdur Rahman Crescent Institute of Science & Technology, on 08.02.2024.

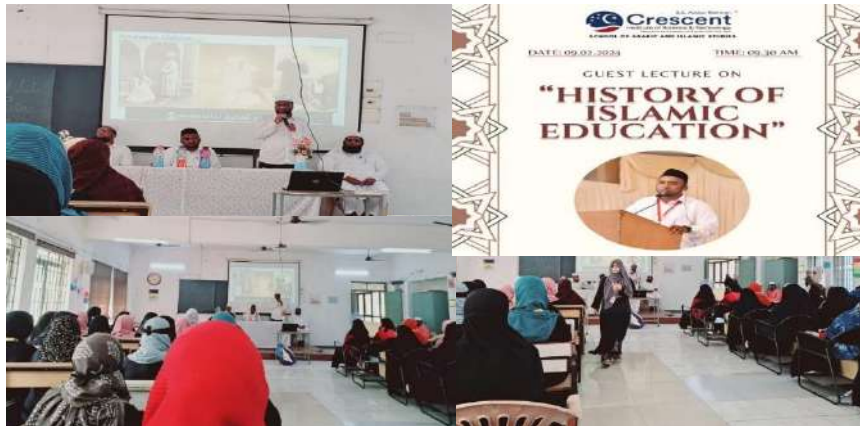
- Inauguration of Al-Hilal Cultural Society for girls' club of Crescent Campus was held on 16th February 2024 organized and lead by School of Arabic and Islamic studies, B. S. Abdur Rahman Crescent Institute of Science and Technology. The Registrar DR.N. Raja Hussain, BSACIST, delivered the inaugural address in the same.
- Dr. S. Abdus Samad, Assistant Professor, School of Arabic and Islamic Studies, B. S. Abdur Rahman Crescent Institute of Science and Technology was invited as resource person-guest speaker on the topic "The beautiful styles in the Quranic words" for the students of Islamic Studies of Jamalia Arabic College, organized by the department of Islamic Studies, Jamalia Arabic College, Chennai, on 3rd September 2024.
- Dr. S. Abdus Samad, Assistant Professor, School of Arabic and Islamic Studies, B. S. Abdur Rahman Crescent Institute of Science and Technology was invited as a resource person-guest speaker for the inauguration of Arabic Study Circle for the academic year 2024-25, at P.G & Research Department of Arabic, The New College (Autonomous), Chennai - 600 014, on 29.08.2024.
- Dr. S. Abdus Samad, Assistant Professor, School of Arabic and Islamic Studies, B. S. Abdur Rahman Crescent Institute of Science and Technology was invited as Chair Person in a session of the International Arabic Hybrid Seminar on "Development of Moral Stories and Poems in Arabic Literature" organized by PG & Research Department of Arabic, The New College (Autonomous), Chennai - 600 014, on 29-02-2024.
- Dr. Mohideen Abdul Kadir K.J. Assistant Professor, School of Arabic and Islamic Studies, B. S. Abdur Rahman Crescent Institute of Science and Technology, was invited as a resource person on Communication Skills and Biography of Scholars for the Workshop, Department of Arabic, Justice Basheer Ahmed Sayeed College for Women (Autonomous) Chennai-18, on 20-02-2024.

11. Photographs with relevant captions for Important Activities:

1. "KBA VENTURIST" Value Added Programme held at SAIS, BSACIST on 03.02.2024 Sunday, 9:30 AM, at Seminar Hall-1, BSACIST



2. Guest Lecture on “History of Islamic Education” SAIS – Girls Section held at Seminar Hall, on 09.02.2024, BSACIST
 Resource Person Prof .M. Mohamed Ismail M.E., M.A., LLB.,
 (Counsellor for Higher Education, Tamilnadu Muslim Kalvi Iyakkam)



3. “A Debate On Most Need to Happy of Family Nowadays” jointly Value Added Programme ,organized by SAIS, BSACIST on 17.02.2024, 10:30 AM at Seminar Hall-1, BSACIST



4. Guest Lecture on “Career Guidance on MNC Jobs” Career Guidance Programme by the resource person Mr. Mohamed Nasar Al-Bukhari, Nadwi Sr. Ads Campaign Specialist - Arabic, Amazon BSACIST on 26 January, 2024



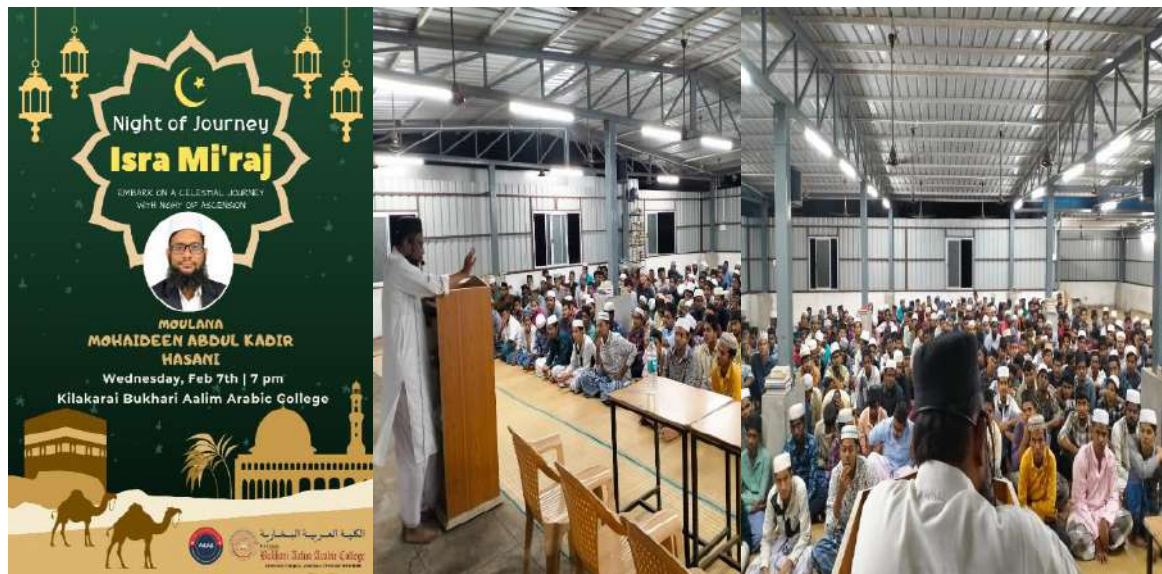
5. School of Arabic & Islamic Studies conducted an awareness Programme on “Tree Planting Function” BSACIST on 13 January, 2024.



6. University of Madras conducted the World Arabic Day Celebration Quiz Competition, oratory for the Department of Arabic, Persian, and Urdu at 11.00 am, on February, 03, 2024.



7 Guest Lecture on “Night of Journey Isra Mi'raj” Resource Person Dr. K.J. Mohideen Abdul Kadir Assistant professor of SAIS in association with Kilakarai Bukhari Aalim Arabic College, Vandalur, Chennai, on February 07, 2024.



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