
OFFICE OF DEAN (ACADEMIC AFFAIRS)

Ref.: 903(B) /Dean (AA)/2023

Date: 04.01.2023

Employees Feedback Analysis Report for the Academic Year 2021-22

I. Preamble:

The practice followed in the Institution is to obtain feedback from the employees (both Teaching and Non Teaching) throughout the year in the online portal of Institute website. The other sources to obtain feedback related to curriculum & syllabi, teaching-learning process, teaching pedagogies are through Meetings of Board of Studies, School Level Advisory Committee, IQAC, Planning and Monitoring Board and Academic Council.

These feedbacks were collected and collated in the institute level and important suggestions / comments / remarks given by the faculty members and non-teaching staff are considered for enhancing the curriculum, syllabi and other services offered in the Institute.

II. Faculty Feedback from Department level meetings / Board of Studies / SLAC / IQAC / PMB / Academic Council

In the department level, faculty members were actively participated in the class committee meetings and gave their suggestions regarding teaching pedagogy, syllabus content in consultation with students' representatives to achieve the desired course outcome. The sample class committee meeting minutes is given in Annexure I. In the department level meetings, the curriculum & syllabi of courses of programmes were also deliberated for introduction of new courses and revamping of curriculum during major revision. The feedback obtained from class committee meetings and faculty meetings are taken in to Board of Studies for further deliberation and implementation.

The sample minutes of BoS (EEE) held on 13.12.2021 and Computer Applications held on 23.12.21 are given in Annexure II.

The faculty members are members in Board of Studies, IQAC, Planning and Monitoring Board, Academic Council and Board of Management and contribute to the holistic development of academic activities.

The faculty members participation in academic council is given in Annexure III.

III. Institution website

a) Feedback has been received from Teaching faculty members in the following parameters through online.

1. Administration is teacher friendly
2. Environment in the Institution is conducive to teaching and research
3. Adequate opportunities and support to faculty members for upgrading their skills and qualifications
4. Availability of prescribed books in Central library
5. Cleanliness in classrooms and campus
6. Examination and Evaluation system
7. Students discipline inside the classroom and campus
8. Canteen facilities
9. Transport facilities
10. Medical facility
11. Laboratory facilities
12. General schemes of the Institution for the benefit of faculty members (EPF / Leave benefits / Gratuity / Insurance)
13. Financial support to attend FDP/ Workshop / Conferences
14. Academic work load allotment and responsibilities
15. Grievance Redressal mechanism
16. Rate attainment of programme (in the course handled)
17. Rate attainment of course outcomes (in the course handled)

No. of Respondents : 75
Cumulative Average : 9.9
Indication : Very Good

The feedback questionnaire is revolving around academic activities viz. Academic ambience, support for teaching-learning process, attainment of programme outcome, attainment of course outcome (in the courses handled by them) etc.

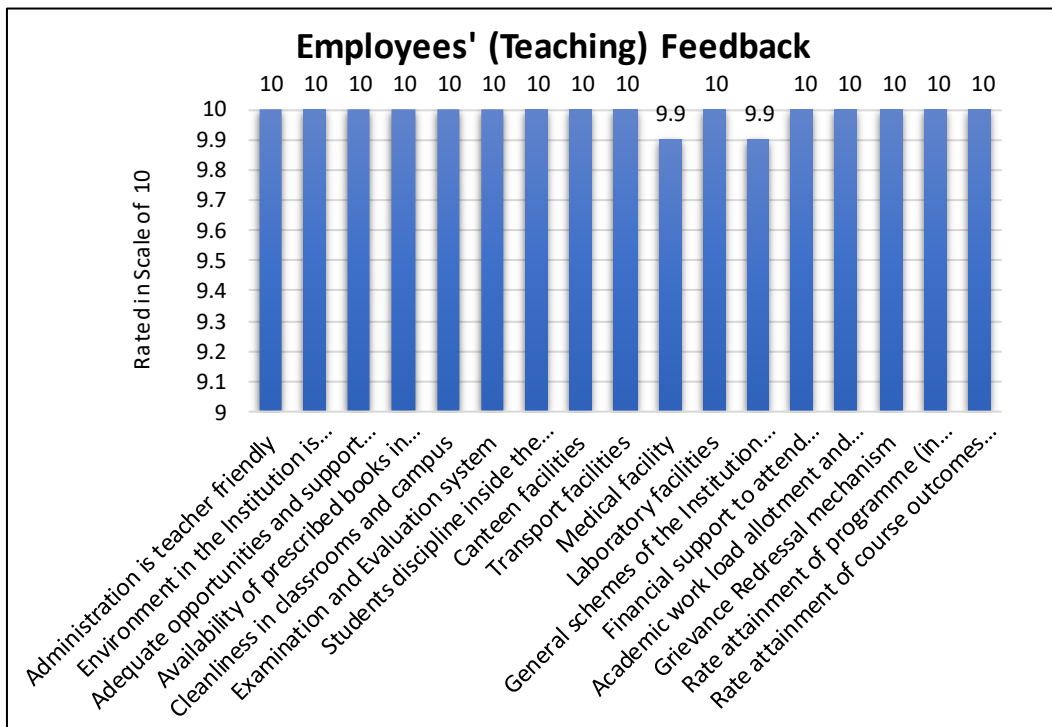


Figure 1: Analysis of Teaching Faculty feedback

From the Figure 1, it can be interpreted that faculty members have given excellent feedback for all the parameters feedback questions. It denotes that the majority of the teaching employees are satisfied with the overall facilities and environment.

The other suggestions given by the teaching faculty related to curriculum & teaching – learning process are:

Comments	
Suggestions	<ul style="list-style-type: none"> Integrated courses can be entertained Interdisciplinary research shall be entertained / promotion of Medical and Paramedical courses are very important for the institute

- More credits can be assigned for programme related courses
- Number of courses per semester could be maximum of 5 (credits should be 15 to 18)
- Faculty career advancement scheme need to be implemented effectively and transparently.
- Health insurance for faculty and their family need to be implemented (Limit up to 5 lacs)
- Recently developed methods /problems to be introduced in the new courses. For example, different semi analytical methods for solving the nonlinear differential equations in to be introduced in the course title 'numerical mathematics'.
- More full-time research scholars to improve the research culture in the campus
- We can collaborate with industry for coming up with job oriented subjects and request the industry to help us stay ahead.
- Some of the courses need modifications and on which, department is already working on. Considering the present scenario, curriculum is well updated. Regarding new courses, these should be added after screening the current and emerging demands of the society. I believe, it's already being done in our institution.
- Machine learning, Big data can be given much emphasize
- The curriculum is frequently updated to cater to the needs of the industry and society at large. More number of arts and science programmes can be introduced
- Introduce Politics and Public Administration course. It is useful for Competitive Examinations
- We should introduce research program in School of Law, and including LLM. We can also introduce BA and MA in either Political Science or in Leadership.
- In B.Tech. Civil Engineering, the course CEBX05 Repair & Rehabilitation of Structures can be offered as core course instead of electives considering the industry trend.
- IIT Bombay Spoken Tutorial courses can be explored for offering as core course in the curriculum of all Engineering programmes.
- Curriculum is based on Industrial requirements. Our department have planned to introduce new course - BCA Artificial Intelligence and BCA Cyber security.
- New courses in emerging areas shall be introduced as general electives across the curriculum of programmes.

	<ul style="list-style-type: none"> • Discipline based law courses shall be introduced. • The courses which are not relevant to current context shall be removed • No. of core courses in VII semester in Regulation 2021 can be increased
Appreciations	<ul style="list-style-type: none"> • Curriculum of Pharmacy programmes are governed by Pharmacy Council of India (PCI), New Delhi. It is a very good curriculum and well aligned with Hospital, Clinical and Industrial related Pharmacy profession. • Curriculum is updated in the frequent intervals and suggestions from stakeholders are considered. Freedom to faculty members to introduce the new courses which are in current trend. • The curriculum has the scope for updating once in every six months. It meets the current industrial need • Nice environment to work. • Well balanced curriculum with more 1 and 2 credits industrial relevant courses. • Current curriculum is good. More emphasis can be given to entrepreneurship. • Curriculum is prepared and revised as per AICTE model curriculum. MBA in Entrepreneurship and MBA in Business Analytics can be introduced

b) Feedback has been received from non teaching faculty members in the following parameters:

- Work Environment
- Opportunities for skill up gradations / technical knowledge
- Innovation/creativity encouraged at work

- Relationship with seniors / peers / subordinates
- General Employee benefits (Payroll / EPF /ESI / Festival Loan advance)
- Performance appraisal
- Canteen facilities
- Transport facility
- Medical facility
- Work Load and responsibilities
- Grievance Redressal mechanism

No. of Respondents : 38
Cumulative Average : 9.8
Indication : Very Good

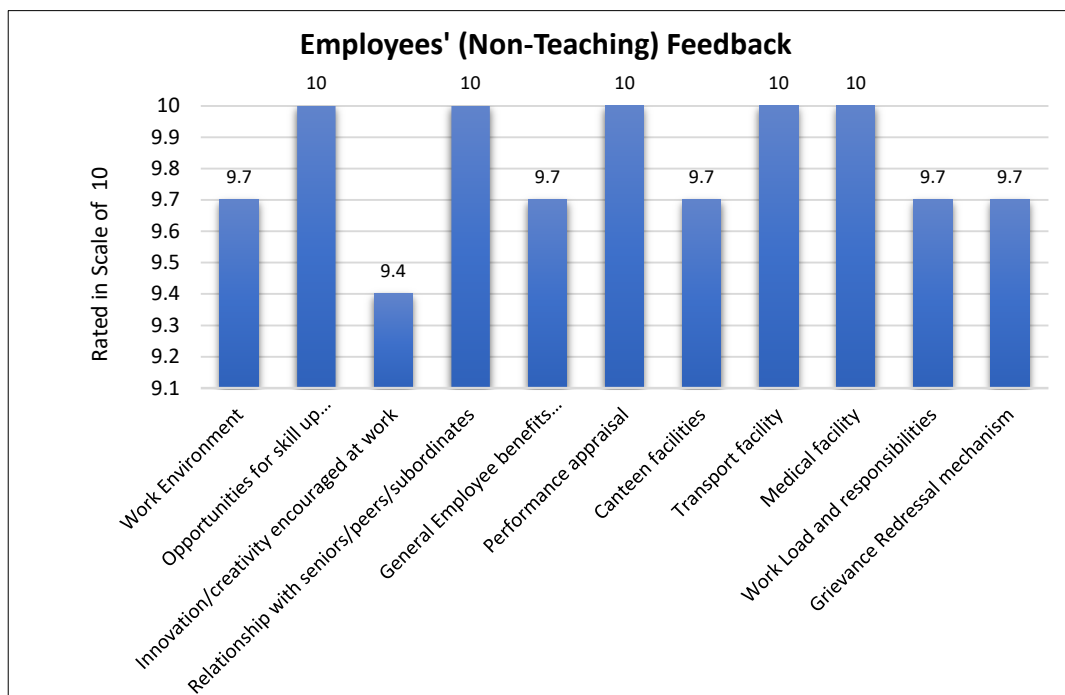


Figure 2: Analysis of Non-Teaching Faculty feedback

The Pictogram 2 indicates that non teaching employees are highly satisfied with work environment which creates opportunities for up grading their skill / technical knowledge. This helps them to contribute / support academic system efficiently.

Annexure V: Sample feedback of teaching and non-teaching faculty.

IV. Points for further course of action

- ❖ Introduction new programmes in Law, Arts, Agriculture and in Emerging areas like Artificial Intelligence, Cyber Security
- ❖ Introduction of discipline specific law courses
- ❖ Value added course in new programming languages
- ❖ Elective courses in emerging areas
- ❖ Revamping curriculum by bringing important elective courses as core courses.


04/01/2023

Dean, Academic Affairs

DEAN (ACADEMIC AFFAIRS)

**B.S. Abdur Rahman Crescent Institute
of Science & Technology
Vandalur, Chennai - 600 048, India**

MINUTES OF THE 1ST CLASS COMMITTEE MEETING

Degree: B.Tech

Semester: VII

Branch & Section: Polymer Engineering

Date: 22.09.21

The First Class Committee Meeting was held on 17.09.21 through google meet at 11.30 AM.

Google meet link: <https://meet.google.com/xtr-ikuy-dnz> (**Annexure I**)

The following members were present:

S.No.	Name of the Faculty	Designation
1	Mr.Basanta Kumar Behera	Assistant Professor (Sr. Gr.) Class committee chairman
2	Dr.S.Shamshath Begum	Assistant Professor (Sr. Gr.)
3	Mrs.J.Shahitha Parveen	Assistant Professor
4	Mr. D.Murali Manohar	Assistant Professor
5	Mrs.R.Daulath Banu	Assistant Professor
6	Dr.K.Yogeswari	Associate Professor
7	Mrs. B Sivashanmugavalli	Assistant Professor

Following are the courses and the course teacher allocation for the current semester.

Course Code	Course	Course Teacher	Department of the faculty
GECX201	Green Energy and Sustainability	Dr.K.Yogeswari	Civil
GECX219	Advanced Entrepreneurship	Mrs. B Sivashanmugavalli	ECE
PEC4101	Mould and Die Design	Mr.Basanta Kumar Behera	PE
PEC4102	Polymer Composite Engineering	Mrs.R.Daulath Banu	PE
PEC4103	Polymer Nanocomposites	Dr.S.Shamshath Begum	PE
PECX015	Latex Technology	Mr. D.Murali Manohar	PE
PECX039	Surface Coating Technology	Mrs.J.Shahitha Parveen	PE



PECX023	Tyre Manufacturing Technology	Mr. D.Murali Manohar	PE
PECX040	Plastic Packaging Technology	Dr.S.Shamshath Begum	PE
PEC4104	Mould Design and Flow Simulation lab	Mr.Basanta Kumar Behera	PE
PEC4105	Internship	Mrs.R.Daulath Banu	PE

The following students attended the meeting.

S.No.	Section	RRN	Name of the student representatives
1	NA	180131601001	Dheeraj prajapath.M
2	NA	180131601003	Harish.G
3	NA	180131601004	A.Iqjas mubarak kani
4	NA	180131601005	Kulothungan.S
5	NA	180131601006	Mohamed fahad.M
6	NA	180131601007	Navin Kumar.S
7	NA	180131601008	Pravin M chodhary
8	NA	180131601010	Sakthi Venkitesan
9	NA	180131601011	Santhosh.M
10	NA	180131601012	Husain chhatariya
11	NA	180131602001	Aakash kumar
12	NA	180131602002	Samynathan
13	NA	180131602003	Sriram.P

It was decided to follow the below mentioned scheme of evaluation for awarding marks in the theory and lab courses.



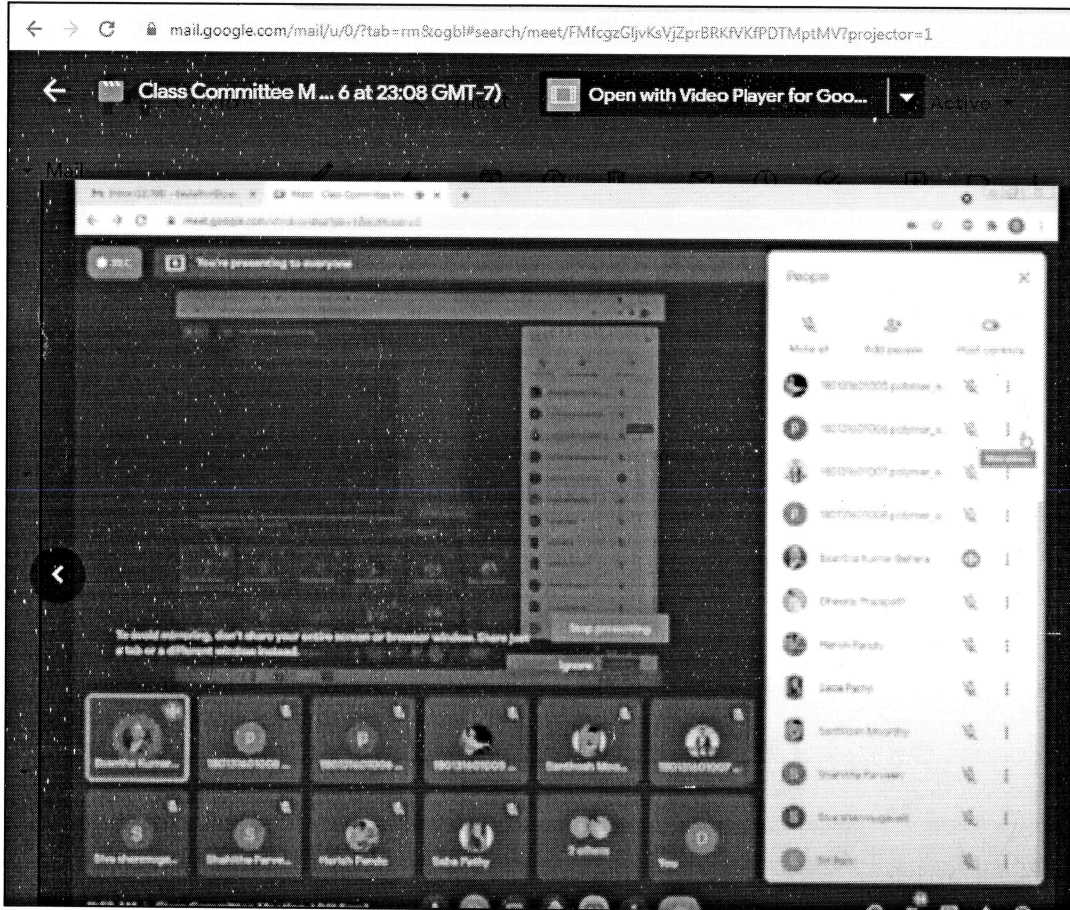
S.No.	Course Code	Section	Assessment Procedure / Performance Remarks of Students / Faculty
1	GECX201	NA	Continuous Assessment Test - 60 marks
			Assignment - 40 marks
			Total - 100 marks
2	GECX219	NA	Continuous assessment - 80 marks
			Semester Examination - 20 marks
			Total - 100 marks
3	PEC4101	NA	Continuous Assessment Test - 70 marks
			Assignment, Seminar / Quiz, etc - 30 marks
			Total - 100 marks
4	PEC4102	NA	Continuous Assessment Test - 70 marks
			Assignment I - Project based learning & Assignment II - Seminar - 30 marks
			Total - 100 marks
5	PEC4103	NA	Continuous Assessment Test - 70 marks
			Assignment, Seminar / Quiz, etc - 30 marks
			Total - 100 marks
6	PECX015	NA	Continuous Assessment Test - 60 marks
			Assignment - 40 marks
			Total - 100 marks
7	PECX039	NA	Continuous Assessment Test - 70 marks
			Assignment, Seminar / Quiz, etc - 30 marks
			Total - 100 marks
8	PECX023	NA	Continuous Assessment Test - 60 marks
			Assignment - 40 marks
			Total - 100 marks
9	PECX040	NA	Continuous Assessment Test - 70 marks
			Assignment, Seminar / Quiz, etc - 30 marks
			Total - 100 marks
10	PEC4104	NA	Continuous Assessment - 60 marks
			Semester End Examination - 40 marks
			Total - 100 marks

Other relevant issues discussed:

- The Class Chair Person discussed about the significance and importance of every course which the students are going to learn in this semester.
- All course faculty members informed the assessment procedures for awarding marks in this current semester.
- Mr. Basanta Kumar Behera informed the students that the Mould and Die Design course is an analytical based theory course, So extra effort and active participation is required.
- Mrs. R. Daulath Banu course teacher of Polymer composite Engineering informed the students that this course will be carried out as PBL course and asked the students to attend the classes on time.
- Mrs. B. Sivashanmugavalli, course teacher of Advanced Entrepreneurship informed the students that no CAT exam will be conducted for this course and the continuous assignment marks will be considered for 80% and semester end examination marks for 20%.
- The Class Chair Person Mr. Basanta Kumar Behera informed the students that all laboratory courses (both current and previous missed labs) will be carried out during this month. And also instructed the students to utilize this period efficiently.
- Class Advisor advised the students to attend all the classes regularly and be attentive in all laboratory courses.
- Class Chair Person and Class Advisor informed the students to go for industry internship after this semester end examination.
- Meeting ended up with the Chairman's advice to the student to concentrate in their course and perform well in the academics.

Basanta Kumar Behera
23/09/2021
HOD/PE

Annexure I



[Handwritten Signature]
22/9/21

Mrs. R. DAULATI BANU
ASSISTANT PROFESSOR
**Signature of the Class Advisor with
Name & Designation**

[Handwritten Signature]
23/09/2021
Signature of the HOD/Dean

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
MINUTES OF 16TH BOARD OF STUDIES MEETING
Date: 16.12.2021

**Sub: Minutes of the Sixteenth Meeting of the Board of Studies - Department of EEE -
 13.12.2021 – Reg.**

The Sixteenth meeting of the Board of Studies of the Department of EEE was held on 13.12.2021 at 10.30 AM in online mode through google meet.

The following members were present:

01.	Dr. V. Jagadeesh Kumar Professor of Electrical Engineering, Head Central Electronics Centre IIT Madras, Chennai 600036, India.	External Expert Committee Member
02.	Mr.M.Balasubramaniam Engineering Manager Power transmission and Distribution (International Division) Larsen & Toubr Ltd, Chennai	External Expert Committee Member
03.	Dr.Azad,Registrar	Ex-officio
04.	Dr.Mohamed Ismail Prof./ECE & Deputy Dean Academic	Special Invitee
03.	Dr.D.Najmunissa Jamal Dean (School of Electrical and Communication sciences)	Member
04.	Dr. R. Jayashree Professor & Head / EEE	Chairman - BoS / EEE
05.	Dr.Y. Mohamed Shuaib, Assoc.Prof. / EEE	Member
06.	Dr. Belwin J. Brearley, AP(SG)/EEE	Member
07.	Dr.S.Jennathu Beevi, AP(SG) / EEE	Member
08.	Dr.K.Sarmila Har Beagum, AP/EEE	Member
09.	Mr.S.Suresh, AP/EEE	Member
10	Mrs. V. Bharanigha, AP/EEE	Member
11.	Dr.K.Shafeeque Ahamed, AP/EEE	Member
12.	Dr.R.Zahira, AP/EEE	Member

The 15th Meeting of the Board of Studies was conducted on 25.06.2021.

The Agenda for the 15th meeting is as follows:

- 15.1 Approval of the curriculum framework of B.Tech. EEE as per R2021
- 15.2 Approval of the syllabus of programme core courses offered in Semester II of B.Tech. EEE
- 15.3 Approval of the syllabus of the EEE courses offered to other engineering departments
 - 15.3.1 Basic Electrical and Electronics Engineering for All Engineering branches except B.Tech. Bio-Tech., B.Tech. ECE , B.Tech. EIE and B.Tech. EEE
 - 15.3.2 Basic Electrical Engineering for B.Tech. Bio-Technology and B.Tech. Electronics and Instrumentation Engineering.
 - 15.3.3 Basic Electrical and Instrumentation Engineering for B. Tech. Electronics and Communication Engineering
- 15.4 Approval of NPTEL courses taken by students during January – April 2021 session for credit transfer
- 15.5 Approval of the NPTEL courses equivalent to courses available in the curriculum
 - 15.5.1 Approval of the NPTEL courses equivalent to courses available in the curriculum under R2017 for B.Tech. EEE
 - 15.5.2 Approval of the NPTEL courses equivalent to courses available in the curriculum under R2019 for M.Tech. Power Systems Engineering
- 15.6 Inclusion of the elective course Insulation Technology in M.Tech. (Power Systems Engineering) and approval of its syllabus

The chairman/ BoS presented the agenda for the 16th meeting of BoS and explained the agenda items.

- 16.1 Approval of syllabus of the B.Tech. EEE programme core courses offered in Semester III & IV under R2021
- 16.2 Approval of syllabus of B.Tech. EEE programme professional elective courses identified for Semester IV under R2021
- 16.3 Inclusion of the course, "Electric Vehicle and Power Management" in M.Tech (PSE) curriculum as elective course to be offered as directed study course for Ph.D programme and approval of its syllabus.

16.1 Approval of syllabus of the B.Tech. EEE programme core courses offered in Semester III & IV under R2021

Note on agenda:

The curriculum structure under R2021 was presented in the School Level Advisory Committee (SLAC) meeting which was held on 12/06/2021, to get the suggestions from various stake holders viz., students, parents, alumni, experts from academia and industry. The curriculum framework and syllabus of the programme core courses offered in Semester I & II were presented in 15th BoS held on 25.06.2021 and approved by the Board of studies members. The approved curriculum of B.Tech. EEE under R2021 was implemented from the academic year 2021-22.

The syllabus for the programme core courses in Semester III & Semester IV and the professional electives courses which can be offered in Semester IV are presented in 16th BoS for approval.

SEMESTER III

Sl. No.	Course Group	Course Code	Course Title	L	T	P	C
1.	HS		Humanities Elective I	3	0	0	3
2.	BS	MADX03	Probability and Statistics	3	1	0	4
3.	EC	EED 2101	Electronic Devices	3	0	0	3
4.	EC	EED 2102	Electro Magnetic Theory	3	0	0	3
5.	EC	EED 2103	Electromechanical Energy Conversion	3	0	0	3
6.	EC	EED 2104	Transmission and Distribution	3	0	0	3
7.	EC	EED 2105	Electronic Devices Laboratory	0	0	2	1
8.	EC	EED 2106	Electromechanical Energy Conversion Laboratory	0	0	2	1
9.	HS		Soft Skills – I	0	0	2	1
TOTAL CREDITS							22

SEMESTER IV

Sl. No.	Course Group	Course Code	Course Title	L	T	P	C
1.	EC	EED 2201	AC Machines	3	0	0	3
2.	EC	EED 2202	Digital Electronics	3	0	0	3
3.	EC	EED 2203	Electrical Measurement and Instrumentation	3	0	0	3
4.	EC	EED 2204	Power System Protection	3	0	0	3
5.	EC	EED 2205	Python for Electrical Engineers	2	0	2	3
6.	EC	EED 2206	AC Machines Laboratory	0	0	0	1
7.	EC	EED 2207	Digital Electronics Laboratory	0	0	2	1
8.	EC	EED 2208	Electrical Measurement and Instrumentation Laboratory	0	0	2	1
9.	PE		Professional Elective Course I	3	0	0	3
10.	HS		Soft skills - II	0	0	2	1
11.	MC		Indian Constitution/ Essence of Indian Traditional Knowledge	2	0	0	0
TOTAL CREDITS							22

“Resolved that the syllabus of the B.Tech. EEE programme core courses offered in Semester III & IV under R2021 be approved with the necessary changes suggested by the members of BoS and recommended to Academic Council, BSACIST for further action.”

The revised syllabi of the courses are given in Annexure 16.1

16.2 Approval of syllabus of B.Tech. EEE programme professional elective courses identified for Semester IV under R2021

Note on Agenda

Four professional elective courses viz.,

- i) EEDX02 Electric Energy Generation, Utilization and Conservation
- ii) EEDX12 Network Analysis and Synthesis
- iii) EEDX62 Solar Energy Technology
- iv) ECDX 082 Digital Signal Processing

are proposed to be offered in the Semester IV of B.Tech. EEE programme as professional elective courses. The syllabi framed by a team of faculty deputed by the Head of the Department was deliberated in several brainstorming sessions at the department level. The prepared syllabi are in alignment with AICTE model syllabus. The final draft of syllabi are presented before the members of BoS for approval.

“Resolved that the syllabus of B.Tech. EEE programme professional elective courses identified for Semester IV under R2021 be approved with the necessary changes suggested by the members of BoS and recommended to Academic Council, BSACIST for further action.”

The revised syllabi of the courses are given in Annexure 16.2

16.3 Inclusion of the course, "Electric Vehicle and Power Management" in M.Tech (PSE) curriculum as elective course to be offered as directed study course for Ph.D programme and approval of its syllabus.

Note on agenda:

One of our research scholar is pursuing Ph.D. in the area of Electric Vehicles. The course work "EEDY 040 Electric Vehicle and Power Management " to be undergone by the scholar was prescribed by the Doctoral Committee. Approval is sought from the BoS to include the course in the professional elective list of M.Tech. (Power Systems Engineering) curriculum under Regulation 2019 and to approve the syllabus of the course.

"Resolved that elective course Electric Vehicle and Power Management in M.Tech. (Power Systems Engineering) be included and the syllabus of the same approved and recommended to Academic Council, BSACIST for further action."

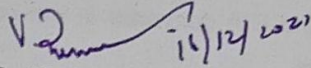
Syllabus of the course EEDY40 Electric Vehicle and Power Management is given in Annexure 16.3.

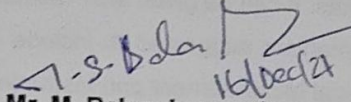
OBSERVATIONS / SUGGESTIONS OFFERED BY MEMBERS OF BOS

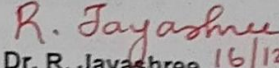
The following observations / suggestions were received from the members of 16th meeting of BoS.

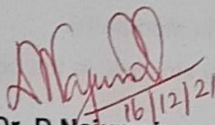
1. Dr.D.Najumnissa Jamal, Dean/SECS suggested to update latest edition of text book and references.
2. Mr.M.Balasubramaniam, the expert member from L&T enquired about traction motors. HOD/EEE informed that traction motor will be covered in elective courses.
3. Dr. V. Jagadeesh Kumar gave the following suggestions for the course EED2203 Electrical Measurement and Instrumentation
 - Conventional analog oscilloscope is obsolete and hence it can be removed.
 - Module II and Module III can be combined and it can be named as “Transducers and Signal Conditioning Circuits”. It can be given after analog and digital instruments.
 - Module IV can be split into two as Analog Instruments and Digital Instruments. It can be given after Module I.
4. Mr.M.Balasubramaniam suggested to include A/D and D/A converter in the course EED2203 Electrical Measurement and Instrumentation
5. Mr.M.Balasubramaniam gave the following suggestions for the course EED2204 Power System Protection.
 - To shift Module II to Module III and vice versa.
 - To include Protection of Capacitor banks and Reactor in Module IV.
6. Mr.M.Balasubramaniam suggested to include topic on Battery storage in the course EEDX62 Solar Energy Technology.
7. HoD presented the syllabi for the Professional Elective courses, (i) EEDX02 Electric Energy Generation, Utilization and Conservation, (ii) EEDX12 Network Analysis and Synthesis, (iii) EEDX62 Solar Energy Technology and (iv) ECDX 082 Digital Signal Processing. The syllabi were approved for the same.
8. HoD presented the agenda item 16.3, the syllabi of the course “EEDY 040 Electric Vehicle and Power Management” in M.Tech (PSE) curriculum as elective course to be offered as directed study course for Ph.D programme. The syllabi were approved for the same.
9. Finally, Dr. R. Jayashree, Chairman/ BoS concluded the meeting by thanking all the expert members for their valuable suggestions.

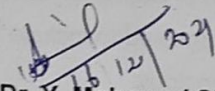
SIGNATURE OF THE MEMBERS OF 16th MEETING OF BOARD OF STUDIES

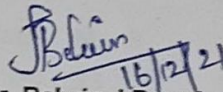

Dr. V. Jagadeesh Kumar
Expert Member

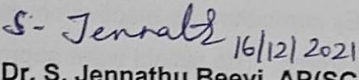

Mr. M. Balasubramaniam
Expert Member

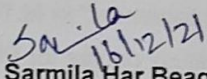

Dr. R. Jayashree 16/12/2021
Chairman - BoS / EEE

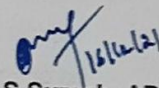

Dr. D. Najumissa Jamal
Dean (SECS)

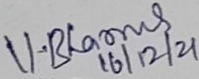

Dr. Y. Mohamed Shuaib
Associate Professor
Internal member

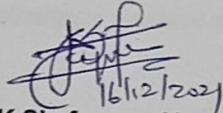

Dr. Belwin J Brearley,
AP(SG)
Internal member

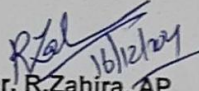

Dr. S. Jennathu Beevi, AP(SG)
Internal member


Dr. K. Sarmila Har Beagam, AP
Internal member


Mr. S. Suresh, AP
Internal member


Mrs. V. Bharanigha, AP
Internal member


Dr. K. Shafeeque Ahmed, AP
Internal member


Dr. R. Zahira, AP
Internal member

Annexure II - Minutes of BOS - CA Department
School of Computer, Information and Mathematical Sciences

Department of Computer Applications

27.12.2021

Minutes of Sixteenth Board of Studies Meeting

The sixteenth board of studies meeting of Department of Computer Applications was held at 10.30 am on 23.12.2021 through online Google meet. The following members were present.

S.No.	Name	Internal / External Member
1	Dr. S. PakkirMohideen, Professor and Head	Chairman
2	Dr. VenkatesanSelvam, Dean (SCIMS)	Internal
3	Dr. S. Swamynathan, Professor, Department of Information Science and Technology, Anna University, Chennai.	External
4	Mr. S. Gopinath, Senior Technical Director, National Informatics Centre, Ministry of Electronics and Information Technology, Govt. of India.	External
5	Mr. B. Kirthivasan (Alumni), Head – Global Delivery, Cloud Kinetics, Chennai.	External
6	Dr. P. Sheik AbdukKhader, Senior Professor / CA	Internal
7	Dr. A. Jaya, Professor / CA	Internal
8	Dr. GufranAhamed Ansari, Professor / CA	Internal
9	Dr. N. Ayyanathan, Associate Professor / CA	Internal
10	Dr. Syed Masood, Associate Professor / CA	Internal
11	Dr. S. ShaharBanu, Associate Professor / CA	Internal

12	Dr. K. JavubarSathick, Associate Professor / CA	Internal
13	Dr. A. Abdul Azeez Khan, Associate Professor / CA	Internal
14	Dr. G. Shreedevi, Assistant Professor (Sl.Gr) / CA	Internal
15	Ms. P. Padmavathy, Assistant Professor (Sr.Gr) / CA	Internal
16	Mr. A. Salman Ayaz, Assistant Professor (Sr.Gr) / CA	Internal
17	Dr. A.K. Reshmy, Assistant Professor / CA	Internal

The Chairman welcomed all the members of the Board of Studies and special invitees. The Chairman briefed the agenda items and is taken up for discussion by the members.

16.1: Confirmation of minutes of the Fifteenth Meeting of Board of Studies.

The BoS Chairman, presented the overview of minutes of 15th meeting of board of studies. The BoS Chairman recalled that the syllabi for the 3rd and 4th semesters were approved for MCA 2 year degree programme and revamping of the UG curriculum and syllabus for the 1st and 2nd semester of BCA and B.Sc. Programme, Regulations – 2021 was also approved in the 15th meeting of BoS.

The minutes of 15th meeting of board of studies is enclosed in **Annexure 16.1**

16.2: To approve the Syllabi for 3rd and 4th semester of BCA(CTIS), BCA(DS), BCA(MWAD) and B.Sc.(CS) programme under Regulations 2021.

Dr. Swamynathan, Anna University, shared his concern on the following courses:

Design and Analysis of Algorithm:

- To implement algorithms in the laboratory, can introduce one more session as tutorial.

Relational Database Management System:

- More emphasis can be given to the SQL part.
- Basic SQL can be extended and be mentioned explicitly.

Computer Networks:

- IPv6 can be introduced as the students will be focussed towards latest technology as the existing syllabus is conventional.

Programming in Java:

- Module 4 can be expanded to include all the kinds of streams.
- Instead of AWT packages, it can be given as UI design.
- Swings can be added.
- Database connectivity have to be included.

Relational Database Management Systems Laboratory:

- Students can be given a mini project on other DBMS like Postgres, DB2, MySql.

Programming in Java Laboratory:

- Database connectivity program have to be added.

Python Programming:

- Various packages can be introduced.
- NLP or machine learning related packages can be incorporated.
- One more unit can be added to include various packages and its scope.

Web Design and Development:

- HTML 5 have to be stressed.
- Text formatting, Link Tag, List Tag are not necessary
- Form creation, Client side validation have to be incorporated.
- Linux, Apache, MySql and PHP have to be introduced and the hosting of web application in a cloud have to be incorporated as industry is looking for these concepts.

- The usage of visual studio has to be stressed upon for creating HTML and CSS file.

Data Mining and Data Warehousing:

- Warehousing concept to be dealt first and hence title to be changed as Data Warehousing and Data Mining.
- ETL Tools have to be introduced in order to build warehouse.
- Simple standard books by Indian authors can be given as reference books.

Web Design Laboratory

- Popular frameworks have to be introduced.

E-Commerce

- Popular e-commerce sites can be considered and emphasis can be on the development and deployment, its management along with the security issues and threats.
- Can include the concept of building mobile application based commerce.

Information Retrieval:

- Integration of Python with NLP toolkit can be included.

Social Media Analysis:

- Analysis can be restricted to two units and can focus on applications.

Introduction to Cloud Technology

- Creation of AWS account and EC2 instance in cloud, concepts have to be included.

Introduction to Scripting Languages

- VB Script, Java Script can be replaced with NodeJS

- Can give importance to NoSQL, MongoDB, AngularJS

Web Technology

- Advanced Server side technology have to be included

General Suggestions

- In Data Science Programme, Data visualization course have to be included as core paper.
- In Cloud Technology Programme, VMWare creation can be given importance.

Mr. Kirthivasan (Alumni), Cloud Kinetics, given his suggestions on the following courses:

Programming in Java:

- Applets and AWT are outdated and there is no real time applications in industry.
- Data handling packages can be included as industries are looking into these concepts.
- Database connectivity and security concepts can be included.

Web Design and Development:

- Frameworks are available in Python PHP which will give rounded experience, hence framework oriented approach have to be introduced.

Business Intelligence:

- Tools can be introduced.
- Correlation of how to use in cloud can be incorporated.

Mr. Gopinath, National Informatics Centre, suggested the following:

- Design and Analysis of Algorithm syllabus can be reduced.
- Module 5 in Programming in Java course have to be changed.
- In Web Design and Development, HTML and CSS can be combined into one module and can introduce Web UI as new module.

After a detailed discussion, it was resolved to approve **the syllabus of the 3rd and 4th semesters of BCA** [CTIS, MAIS, Data Science], B.Sc. (Computer Science) with course outcomes and objectives.

The syllabus of BCA and B.Sc. programme has been enclosed in **Annexure 16.2.1 and 16.2.2** respectively.

16.3: To revise the syllabus of Web Technology course in BCA(MWAD) curriculum framework.

Multimedia students are exposed to Multimedia Tools and Techniques. It is therefore necessary to update the course content **based on the stakeholder's** feedback. Thus, the following course name are updated in IV semester BCA(MWAD):

CADX 204 - Web Technology

CADX 208 - Web Technology Laboratory

Instead of

CADX 204 - Web Design and Development and

CADX 208 - Web Design Laboratory

The updated course name and syllabus has been approved after detailed discussion. The revised syllabus is enclosed in **Annexure 16.3**

16.4: To ratify the elective courses in the MCA curriculum framework, under Regulation 2019.

Based on the Alumni, Stakeholders, Parents feedback, the following courses are updated in the elective list of MCA curriculum framework under Regulation 2019. Cyber security has been newly introduced in 2nd semester elective and the syllabus is kept for approval.

Existing Framework:

PROGRAMME ELECTIVES

S.No.	Course Code	Course Title	L	T	P	C
SEMESTER 2						
1	CADY 251	Digital Marketing	3	0	0	3
2	CADY 252	Management Information Systems	3	0	0	3
3	CADY 253	Multimedia Systems and Computer Graphics	3	0	0	3
4	CADY 254	Organizational Behavior	3	0	0	3
SEMESTER 3						
Mobile Applications						
1	CADY 351	Mobile Commerce	3	0	0	3
2	CADY 352	Mobile Security	3	0	0	3
3	CADY 353	Mobile and Digital Forensics	3	0	0	3
Cloud Technology						
4	CADY 354	Principles of Virtualization	3	0	0	3
5	CADY 355	Cloud Architectures	3	0	0	3
6	CADY 356	Cloud Storage Infrastructures	3	0	0	3
7	CADY 357	Cloud Security	3	0	0	3

8	CADY 358	Information Storage and Management	3	0	0	3
Web Applications and Development						
9	CADY 359	Semantic Web	3	0	0	3
10	CADY 360	Content Management System	3	0	0	3
11	CADY 361	PHP Programming	3	0	0	3
12	CADY 362	Web Mining	3	0	0	3
IoT & Bigdata						
13	CADY 363	Data Mining and Data Warehousing	3	0	0	3
14	CADY 364	Data Analytics and Visualization	3	0	0	3
15	CADY 365	Social Media analytics	3	0	0	3
16	CADY 366	Health care analytics	3	0	0	3
17	CADY 367	R Programming	3	0	0	3
18	CADY 368	Decision Support System	3	0	0	3
19	CADY 369	Predictive Analysis	3	0	0	3
20	CADY 370	Internet of Things	3	0	0	3

Revised Framework:

PROGRAMME ELECTIVES

S.No.	Course Code	CourseTitle	L	T	P	C
SEMESTER 2						
1	CADY 251	Digital Marketing	3	0	0	3

2	CADY 252	Management Information Systems	3	0	0	3
3	CADY 253	Multimedia Systems and Computer Graphics	3	0	0	3
4	CADY 254	Software Project Management	3	0	0	3
5	CADY 255	Cyber Security	3	0	0	3
SEMESTER 3						
Mobile Applications						
1	CADY 352	Mobile Security	3	0	0	3
2	CADY 353	Mobile and Digital Forensics	3	0	0	3
Cloud Technology						
3	CADY 357	Cloud Security	3	0	0	3
4	CADY 358	Information Storage and Management	3	0	0	3
Web Applications and Development						
5	CADY 360	Content Management System	3	0	0	3
6	CADY 361	PHP Programming	3	0	0	3
7	CADY 371	Full Stack Development	3	0	0	3
Big data						
8	CADY 364	Data Analytics and Visualization	3	0	0	3
9	CADY 367	R Programming	3	0	0	3

After discussion, the revised elective list is ratified and the same is enclosed in **Annexure 16.4**.

16.5: Any other item with permission of the Chairman.

- New specialization courses like BCA(Cyber Security) and BCA(Artificial Intelligence) is proposed and approved.
- Proposed course syllabus of Full stack development, is approved and suggested that it can be offered as either elective course or certification course.

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

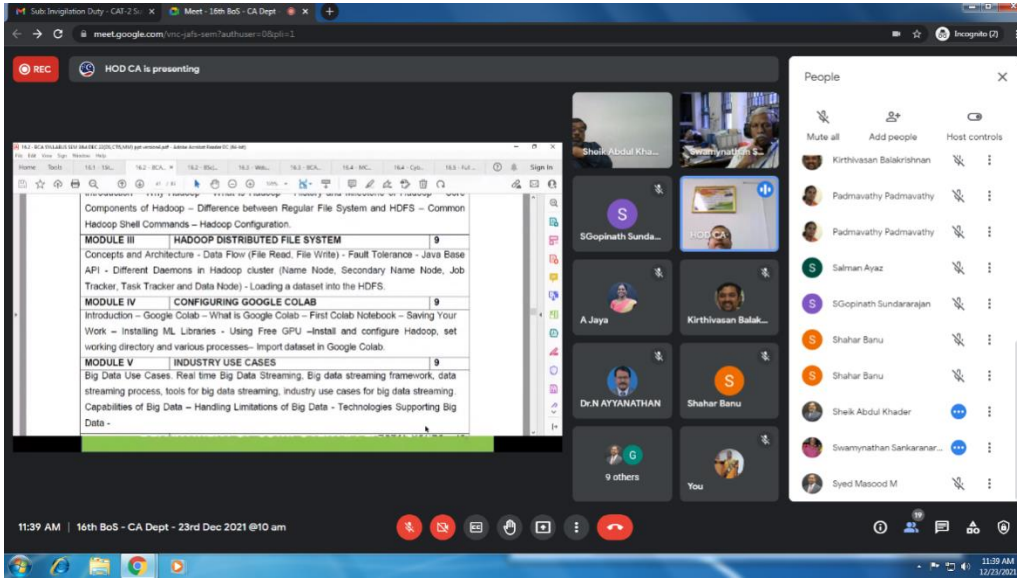
AGENDA


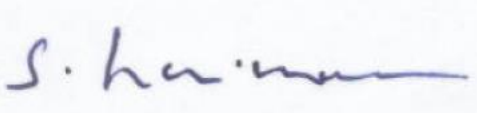

- **Item 16.1:** To confirm the minutes of the Fifteenth Meeting of Board of Studies.
- **Item 16.2:** To approve the Syllabi for 3rd and 4th semester of BCA(CTIS), BCA(DS), BCA(MWAD) and B.Sc.(CS) programme under Regulations 2021.
- **Item 16.3:** To revise the syllabus of Web Technology course in BCA(MWAD) curriculum framework.





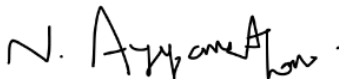
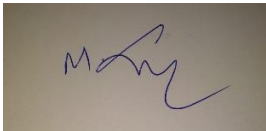


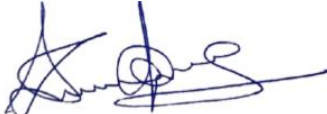




DEPARTMENT OF COMPUTER APPLICATIONS

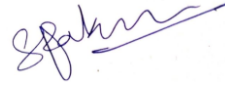
MODULE IV	INPUTSTREAMCLASSES	9
IO Packages, Java Input Stream Classes, Java Output Stream Classes, File Class.		
MODULE V	APPLETS AND AWTPACKAGES	9
Creating an Executable Applet, Applets Life Cycle, AWT and Graphic methods, Fonts, Loading and Viewing Images, Loading and Playing Sound, Event Handling, Layouts.		
		TOTAL HOURS - 45
TEXT BOOKS:		

B.S. Abdur Rahman Crescent Institute of Science and Technology 26



S.No.	Name	Signature
1	Dr. S. Swamynathan, Professor, Department of Information Science and Technology, Anna University, Chennai.	 27/12/2021
2	Mr. S. Gopinath, Senior Technical Director, National Informatics Centre, Ministry of Electronics and Information Technology, Govt. of India.	
3	Mr. B. Kirthivasan (Alumni), Head – Global Delivery, Cloud Kinetics, Chennai.	

4	Dr.VenkatesanSelvam, Dean (SCIMS)	
5	Dr. P. Sheik Abdulkhader, Senior Professor / CA	
6	Dr. A. Jaya, Professor / CA	
7	Dr.GufranAhamed Ansari, Professor / CA	
8	Dr. N. Ayyanathan, Associate Professor / CA	
9	Dr. Syed Masood, Associate Professor / CA	
10	Dr. S. ShaharBanu, Associate Professor / CA	
11	Dr. K. JavubarSathick, Associate Professor / CA	
12	Dr. A. Abdul Azeez Khan, Associate Professor / CA	
13	Dr. G. Shreedevi, Assistant Professor (Sl.Gr) / CA	
14	Ms. P. Padmavathy, Assistant Professor (Sr.Gr) / CA	
15	Mr. A. Salman Ayaz, Assistant Professor (Sr.Gr) / CA	
16	Dr. A.K. Reshmy, Assistant Professor / CA	



Dr. S. Pakkirmohideen
Chairman / BoS

Annexure III - Excerpts of 17th Meeting of Academic Council



Minutes of the

Seventeenth Meeting of the Academic Council

of

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

held on

July 15, 2021

Online Meeting

Minutes of the Seventeenth Meeting of the Academic Council (Senate)

Mode: Online meeting

Date & Time: 15.07.2021, 10.00 a.m.

The seventeenth meeting of the Academic Council was convened on 15.07.2021 at 10:00 a.m. through online. The online mode was necessitated due to the continuance of pandemic conditions. The link for the meeting was:

<https://us02web.zoom.us/j/85721125236?pwd=NHg0c2ZQMjY9TUTBSWmJTZFJTZTILUT09>

The following members attended the meeting:

1. Dr. A. Peer Mohamed, Vice Chancellor
2. Dr. A. Azad, Registrar
3. Prof. C. Thangamuthu, Former Vice Chancellor Bharathidasan University, Trichy
4. Dr. V. Jagadeesh Kumar, Professor of Electrical Engineering & Dean Academic Courses, IIT Madras, Chennai.
5. Dr. B. Suresh, MD & CEO, M/s. Mahindra Consulting Engineers Ltd., Chennai
6. Mr. Siva Sankara Prasad Thupalli, M/s. Jasmine Infotech Pvt. Ltd., Chennai
7. Dr. M.S. Haji Sheik Mohamed, Dean, Academic Affairs
8. Dr. I. Raja Mohamed, Dean, Research
9. Dr. Karthikeyan Ramalingam, Dean, Student Affairs
10. Dr. M. Munir Ahamed Rabbani, Controller of Examinations
11. Dr. Vasanthi Padmanaban, Dean, School of Infrastructure
12. Dr. S. Rasool Mohideen, Dean, School of Mechanical Sciences
13. Dr. D. Najumnissa Jamal, Dean, School of Electrical and Communication Sciences
14. Ar. G. Jayalakshmi, Dean, Crescent School of Architecture
15. Dr. S. Kutti Rani, Dean, School of Physical & Chemical Sciences
16. Dr. Ayub Khan Dawood, Dean, School of Social Sciences & Humanities
17. Dr. Venkatesan Selvam, Dean, School of Computer Information & Mathematical Sciences
18. Dr. P.S. Syed Masood Jamali, Dean, School of Islamic Studies
19. Dr. S. Hemalatha, Dean, School of Life Sciences
20. Dr. K. Srinivasan, Dean, Crescent School of Business
21. Dr. M. Vijaya Vara Prasad, Dean, Crescent School of Pharmacy
22. Mr. V.N.A. Jalal, Senior General Manager
23. Dr. N. Raja Hussain, Additional Registrar
24. Dr. W. Aisha Banu, Professor, CSE & Secretary Alumni Association
25. Mr. M. Parvez Alam, CEO, Crescent Innovation & Incubation Council

26. Dr. V. Rhymend Uthariaraj, Director, Centre for Distance and Online Education
27. Mr. Ilanchezhian, Director, Development for Professional Courses
28. Dr. H. Siddhi Jailani, Head, Mechanical Engineering
29. Dr. P.N. Kadiresh, Head, Department of Aerospace Engineering
30. Dr. P.D. Jeyakumar, Head, Department of Automobile Engineering
31. Mr. Basanta Kumar Behera, Head (Incharge), Dept. of Polymer Engineering
32. Dr. E. Syed Mohamed, Head, Dept. of Computer Science Engg.
33. Dr. I. Sathik Ali, Head, Dept. of Information Technology
34. Dr. S. Pakkir Mohideen, Head, Dept. of Computer Application
35. Dr. Y. Mohamed Shuaib, Head, Dept. of Electrical & Electronics Engg.
36. Dr. C. Tharini, Head, Dept. of Electronics & Communication Engg.
37. Dr. S. Rajasekaran, Head, Dept. of Mathematics & Actuarial Science
38. Dr. M. Basheer Ahamed, Head, Dept. of Physics
39. Dr. D. Easwaramoorthy, Head, Dept. Of Chemistry
40. Dr. H. Sofia, Head, Department of English
41. Dr. P. Sheik Abdul Khader, Senior Professor, Dept. of Computer Applications
42. Dr. S.S.M. Abdul Majeed, Professor, Dept. of Polymer Engineering
43. Dr. A. Abudhahir, Professor, Dept. of Electronics & Instrumentation Engineering
44. Dr. Sharmila Sankar, Professor, Dept. of Computer Science Engg.
45. Dr. S.K.G. Ganesh, Professor, Dept. of Management Studies
46. Dr. Latha Tamilselvan, Professor, Dept. of Computer Application
47. Dr. Haider Yasmeen, Professor, Dept. of Management Studies
48. Dr. J. Revathy, Professor, Department of Civil Engineering
49. Dr. M. Mohamed Ismail, Professor, Dept. of Electronics & Communication Engg.
50. Dr. P.K. Jawahar, Professor, Dept. of Electronics & Communication Engineering
51. Dr. A. Abdul Azeez Khan, Associate Professor, Department of Computer Applications
52. Mr. A. Saibulla, Assistant Professor (Sr. Gr.), Dept. of Mathematics & Actuarial Sc.
53. Ms. A. Catherine Anna Pushpam, Assistant Professor (Sr. Gr.), Dept. of English

Welcome Address by the Vice Chancellor

The Vice Chancellor welcomed the eminent external expert members Prof. C. Thangamuthu, Former Vice Chancellor, Bharathidasan University, Thiruchirappalli, Dr. V. Jagadeesh Kumar, Professor of Electrical Engineering & Dean Academic Courses, IIT Madras, Dr. B. Suresh, MD & CEO, M/s. Mahindra Consulting Engineers Ltd., Chennai, and Mr. Siva Sankara Prasad Thupalli, President & CEO, M/s. Jasmin Infotech Pvt. Ltd., Chennai and all other internal members of the Academic Council.

- For the Semester End Examinations of all theory courses of the Even Semester of the Academic Year 2020-21, the question paper pattern which was already approved in the 16th Meeting of Academic Council will be implemented in the even semester 2020-21:

5 and 6 Module Courses	4 and less than 4 Module Courses
PART – A Short Answer: 20 x 2 = 40 Marks At least 3 Questions from Each Module	PART – A Short Answer: 20 x 2 = 40 Marks 5 Questions from Each Module
PART – B (5 x 12 = 60 Marks) Answer any 5 Questions out of 7 Questions At least 1 Question from Each Module Question Type: Descriptive and Open Choice	PART – B (3 x 20 = 60 Marks) Answer any 3 Questions out of 5 Questions At least 1 Question from Each Module Question Type: Descriptive and Open Choice
Max Marks: 100 Duration: 150 Minutes (+30 Minutes of uploading of Answers)	Max Marks: 100 Duration: 120 Minutes(+30 Minutes of uploading of Answers)

The Academic Council may consider and approve the same.

Resolution:

The agenda item was approved.

ITEMS MOVED BY CHAIRMAN, BOARD OF STUDIES

SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Item 17.5

To consider and approve the recommendations of the Board of Studies of the Department of Computer Science and Engineering.

Item 17.5.1

To consider and approve the curriculum and syllabi of B.Tech. Computer Science & Engineering under Regulations 2021.

Note on Agenda:

The Institution follows the best practice of effecting major revision in curriculum and syllabi of B.Tech. Programmes once in four years considering the dynamic changes in the industry, introduction of new technology and techniques, emerging trends, employment opportunities and feedback from stakeholder's viz., students, parents, faculty, alumni and employers. This is in addition to the revision in curriculum and syllabi of programmes

facilitated once in six months.

As part of major revision, the curriculum and syllabi (I and II semester) of B.Tech. Computer Science was thoroughly revised. The salient features of the curriculum revision are as follows

Based on the feedback from faculty and school level advisory committee the following new courses (Core and elective courses) were **introduced** in the B.Tech. CSE R 2021:

Programme Core Courses

1. CSD 2101 - Python Programming
2. CSD 2105 - Python Programming laboratory
3. CSD 2201 - Computer Communication and Networks
4. CSD 2206 - Computer Communication and Networks Laboratory
5. CSD 3201- Big Data Analytics
6. CSD 3101 -Internet and Web Programming
7. CSD 3105 - Internet and Web Programming laboratory
8. CSD 1201- Object Oriented Programming
9. CSD 4101 - Block Chain Technology

Professional Elective Courses

1. CSDX 235 -High performance computer architecture
2. CSDX 141 - Dockers and Containers
3. CSDX 142 - AI Chat bot application
4. CSDX 236 - Natural Language processing
5. CSDX 122 - Quantum Computing
6. CSDX 223 - Internet of Things
7. CSDX 139 - Micro Services architecture
8. CSDX 113 - Data Science for Engineers
9. CSDX 127 - Web Hacking and Security
10. CSDX 109 - Software Metrics and testing
11. CSDX 232 - Software Integration and Maintenance
12. CSDX 102 - Distributed Computing
13. CSD 212 - Information Ethics and Visualization
14. CSDX 134 - Software Project Management
15. CSDX 121 - Graph Theory and Application

These revisions were discussed in the 18th Meeting of Board of Studies of the Department of Computer Science and Engineering and the board has recommended for approval.

The revised curriculum and syllabi of courses(I and II semester) of B.Tech. CSE under Regulations 2021 are given in [Annexure 17.5.1](#).

The Academic Council may consider and approve the same with effect from academic year 2021-22.

Discussions:

Dr. B. Suresh suggested to augment the knowledge level of faculty members to handle new courses in emerging areas. He also emphasized to document the measures taken towards faculty knowledge enhancement and its outcome.

Resolution:

After detailed deliberations, the agenda item was approved.

Item 17.5.2

To consider and approve the curriculum and syllabi of B.Tech. (Artificial Intelligence and Data Science), B.Tech. CSE (Internet of Things) and B.Tech. CSE (Cyber Security) under Regulations 2021.

Note on Agenda:

To align with the Regulations of other engineering programmes offered by the Department of CSE, the curriculum and syllabi of B.Tech. (Artificial Intelligence and Data Science), B.Tech. CSE (Internet of Things) and B.Tech. CSE (Cyber Security) were revised. These revisions were discussed in the 18th Meeting of Board of Studies of the Department of Computer Science and Engineering and the board has recommended for approval.

The curriculum and the syllabi of courses (I and II semester)of B.Tech. (Artificial Intelligence and Data Science), B.Tech. CSE (Internet of Things) and B.Tech. CSE (Cyber Security) under Regulations 2021 are given in Annexure [17.5.2.a](#), [17.5.2.b](#) and [17.5.2.c](#).

The Academic Council may consider and approve the same with effect from academic year 2021-22.

Resolution:

The agenda item was approved.

Item 17.5.3

To consider and approve the curriculum and syllabi of new programme M.Tech. Artificial Intelligence & Data Science and M.Tech. Data Science under Regulations 2019.

Note on Agenda:

In line with the needs of the industry, M.Tech. Artificial Intelligence and Data Science

and M.Tech. Data Science are to be introduced from the academic year 2021-22. The curricula and syllabi of courses (I semester) of the above programmes were deliberated in the 18th Meeting of Board of Studies of the Department of Computer Science and Engineering and the board has recommended the same for approval.

The curricula and the syllabi of I semester courses of M.Tech. Artificial Intelligence & Data Science and M.Tech. Data Science under Regulations 2019 are given in [Annexure 17.5.3.a](#), and [Annexure 17.5.3.b](#).

The Academic Council may consider and approve the same for implementation from academic year 2021-22.

Resolution:

The agenda item was approved.

Item 17.5.4

To consider and approve the revised curriculum and syllabi of courses (III to VIII Semesters) of B.Tech. (Artificial Intelligence and Data Science), B.Tech. CSE (Internet of Things) and B.Tech. CSE (Cyber Security) under Regulations 2017.

Note on Agenda:

The B.Tech. (Artificial Intelligence and Data Science), B.Tech. CSE (Internet of Things) and B.Tech. CSE (Cyber Security) were introduced in the academic year 2020 -21. The syllabi of I and II semesters were already approved in the 15th Meeting of Academic Council. The syllabi of III to VIII semesters courses of B.Tech.(Artificial Intelligence and Data Science), B.Tech. CSE (Internet of Things) and B.Tech. CSE (Cyber Security) were framed after discussions in various department level meetings. The syllabi of courses were discussed in the 17th Meeting of Board of Studies of the Department of Computer Science and Engineering and the board has recommended for approval.

The curriculum and the syllabi of III to VIII semester courses of B.Tech. (Artificial Intelligence and Data Science), B.Tech. CSE (Internet of Things) and B.Tech. CSE (Cyber Security) under Regulations 2017 are given in Annexure [17.5.4.a](#), [17.5.4.b](#) and [17.5.4.c](#).

The Academic Council may consider and approve the same for implementation from academic year 2021-22.

Resolution:

The agenda item was approved.

Item 17.5.5

To consider and ratify the revised curriculum and syllabi of B.Tech. (Artificial

Intelligence and Data Science), B.Tech. CSE (Internet of Things) and B.Tech. CSE (Cyber Security) under Regulations 2017.

Note on Agenda:

The new course CHC 1184 Chemistry for Data Storage and Transmission was introduced in the first semester of B.Tech. (Artificial Intelligence and Data Science), B.Tech. CSE (Internet of Things) and B.Tech. CSE (Cyber Security) under Regulations 2017.

The course CSC 1151 Programming in C and C++ was also modified from theory course of 4 credits to a laboratory integrated course of 4 credits (T – 3, P-2, C – 4)

These changes were discussed in the 17th meeting of Board of Studies of Department of Computer Science and the Board recommended the same for ratification.

The syllabus of the new course HC 1184 Chemistry for Data Storage and Transmission and CSC 1151 Programming in C and C++ is given in Annexure [17.5.5\(a\)&17.5.5\(b\)](#).

The Academic Council may consider and ratify the same with effect from Odd semester of Academic year 2020-21.

Resolution:

The agenda item was ratified.

Item 17.5.6

To consider and ratify the revised curriculum of B.Tech. CSE under Regulations 2017.

Note on Agenda:

The syllabi of the following courses were revised to include MySQL as per the suggestions from the industry experts:

1. CSC2221 - Information Management Basics with DB2.
2. CSC2222 - Information Management Basics with DB2 Lab

These changes were discussed in the 17th meeting of Board of Studies of Department of Computer Science and the Board recommended the same for ratification.

The revised curriculum and syllabus of B.Tech. CSE under Regulations 2017 is given in [Annexure 17.5.6](#).

The Academic Council may consider and ratify the same with effect from the Academic year 2020-21.

Resolution:

The agenda item was ratified.

Item 17.5.7

To consider and approve the syllabus of the course Basic Computing Skills offered to the B.A. English (Hons.) Programme under Regulations 2021.

Note on Agenda:

To impart computing skills to the students of B.A. English (Hons.), a one credit laboratory course on “Basic Computing Skills” is offered in the first semester by the Department of Computer Science and Engineering.

The syllabus of the course was discussed in the 18th meeting of Board of Studies of the Department of Computer Science and Engineering and the board has recommended for approval.

The syllabus of the course Basic Computing Skills is given in [Annexure 17.5.7](#).

The Academic Council may consider and approve the same for implementation from academic year 2021-22.

Resolution:

The agenda item was approved.

Item 17.5.8

To consider and approve the syllabus of the common course “Programming for Problem Solving” offered to B.Tech. Programmes under Regulations 2021.

Note on Agenda:

To impart programming skills to the students and to increase the employability opportunities, the course “Programming for Problem Solving” is offered to B.Tech. Programmes under Regulations 2021 in the first semester.

The syllabus of the course was discussed in the Board of Studies of the Department of Computer Science and Engineering and the board has recommended for approval.

The syllabus of the course “Programming for Problem Solving” is given in [Annexure 17.5.8](#).

The Academic Council may consider and approve the same for implementation from academic year 2021-22.

Resolution:

The agenda item was approved.

Item 17.5.9

To consider and approve the inclusion of two elective courses CSDY 036 - System Simulation and Modeling Techniques and CSDY 037 - Cellular Automata and its Applications curriculum of M.Tech. (CSE) under Regulations 2019.

Note on Agenda:

Based on the recent trends in the industry, it was suggested by the industry experts to include the new elective courses CSDY 036 - System Simulation and Modeling Techniques (Semester II) and CSDY 037 - Cellular Automata and its Applications (Semester III) in the M.Tech. CSE curriculum under Regulations 2019.

The syllabi of the courses were discussed in the 17th meeting of Board of Studies of the Department of Computer Science and Engineering and the board has recommended for approval.

The syllabi of the above courses are given in [Annexure 17.5.9](#).

The Academic Council may consider and approve the same for implementation from Academic year 2021-22.

Resolution:

The agenda item was approved.

DEPARTMENT OF INFORMATION TECHNOLOGY**Item 17.6**

To consider and approve the recommendations of the Board of Studies of the Department of Information Technology.

Item 17.6.1

To consider and approve the curriculum and syllabi of B.Tech. Information Technology under Regulations 2021.

Note on Agenda:

The Institution follows the best practice of effecting major revision in curriculum and syllabi of B.Tech. Programmes once in four years considering the dynamic changes in the industry, introduction of new technology and techniques, emerging trends, and employment opportunities. This is in addition to the revision in curriculum and syllabi of programmes facilitated once in six months.

Based on the feedback obtained from the various stakeholders viz., employers, alumni, faculty & students; and also from the school level advisory committee meetings and department level meetings, curriculum and syllabi (Semester I and II) of B.Tech. IT under Regulations 2021 was framed after deliberations.

The salient features of the B.Tech. IT under regulations 2021 are as follows:

Based on the feedback from faculty the following new courses (Core and elective courses) were introduced in the B.Tech.IT, R 2021:

1. ITDX 04 - Graphics and Multimedia
2. ITDX 05 - Human Computer Interaction

3. ITDX 06 - Swift Programming
4. ITDX 11 - Introduction to DevOps
5. ITDX 17 - Agile Methodologies
6. ITDX 30 - Ad hoc and Sensor Networks
7. ITDX 32 - GPU Architecture and Programming
8. ECDX - 5G Technology
9. ITDX 48 - Artificial Intelligence for Data Science
10. ITDX 50 - Deep Learning
11. ITDX 52 - Predictive Analytics
12. ITDX 53 - Mathematical Foundation for Data Sciences
13. ITDX 63 - Virtualization Techniques
14. ITDX 73 - Ethical Hacking

Based on the feedback from Industry experts and faculty, the following new courses (Core and elective courses) were introduced:

1. ITD 2201 - Programming in Java
2. ITD 3103 - Mean Stack Web Development
3. ITD 3104 - AI and Machine Learning
4. ITDX 02 - Android Application Development
5. ITDX 07 - Introduction to NoSQL Databases
6. ITDX 12 - E-Commerce and Digital Marketing
7. ITDX 64 - Fog Computing
8. ITDX 65 - Cloud Services and Platform
9. ITDX 72 - Fundamentals of Security Analyst
10. ITDX 76 - Cyber Forensics
11. GED XX - Introduction to Artificial Intelligence
12. GED XX - Fundamentals of Data Science and Machine Learning

Based on the feedback from Industry experts, the following new courses (Core and elective courses) were introduced:

1. ITDX 08 - Computational Intelligence
2. ITDX 33 - Software Defined Networks

Based on the feedback from Students and Faculty, the following new courses (Core and elective courses) were introduced:

1. ITD 1201 - Programming in C++
2. ITDX 31 - Python for IoT
3. ITDX 47 - Analytics of Things
4. ITDX 49 - Scalable Data Science
5. ITDX 54 - Data Science Using Python

of BBA LL.B (Hons.) and B.Com LLB (Hons.) under Regulations 2017.

Note on Agenda:

The revised curriculum and syllabi of the Eighth semester courses of BBA LL.B (Hons.) and B.Com LL.B (Hons.) under Regulations 2017 were thoroughly discussed in the Board of Studies of Crescent School of Law. After deliberations the board has recommended the same for approval.

The revised curriculum and syllabi of VIII Semester courses are given in Annexure [17.26.2\(a\) & 17.26.2\(b\)](#).

The Academic Council may consider and ratify the same with effect from Academic year 2020 – 21.

Resolution:

The agenda item was ratified.

Vote of thanks by Registrar

The Registrar thanked all the members of the Academic Council, in particular, the expert members from academia and industry for their valuable time, active participation and excellent suggestions for the holistic development of the Institution.



REGISTRAR



VICE CHANCELLOR



Employees (Teaching) Feedback

Name of the Employee*

DR.E.PRIYANKA

Employee ID:*

201994

Email ID*

priyanka@crescent.education

Department*

CRESCENT SCHOOL OF LAW

Designation*

Assistant Professor

Administration is teacher friendly

Very Good

Environment in the Institution is conducive to teaching and research

Very Good

Adequate opportunities and support to faculty members for upgrading their skills and qualifications

Good

Availability of prescribed books in Central library

Very Good

Cleanliness in classrooms and campus

Good

Examination & Evaluation system

Good

Students discipline inside the classroom & campus

Good

Canteen facilities

Select

Transport facilities

Select

Medical facility

Satisfactory

Laboratory facilities

Satisfactory

General schemes of the Institution for the benefit of faculty members (EPF/Leave benefits/Gratuity/Insurance)

Satisfactory

Financial support to attend FDP / Workshop /

Conferences

Not Satisfactory

Academic work load allotment and responsibilities

Select

Grievance Redressal mechanism

Good

Rate attainment of programme (in the course handled)

Good

Rate attainment of course outcomes (in the course handled)

Very Good

Your opinion about Curriculum (courses in the programme) and suggestions for new courses to be introduced

INTRODUCE POLITICS AND PUBLIC ADMINISTRATION COURSE ITS USEFUL FOR COMPETITIVE EXAMINATIONS

Any other suggestions

JJJJJJJJJJJJ

8RDA

8RDA

Submit

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Employees (Non-Teaching) Feedback

Name of the Employee*

Bathurunisa.H

Employee ID:*

2012_93

Email ID*

bathurunisa.nt@crescent.education

Department*

Civil Engineering

Designation*

Assistant

Work Environment

Excellent

Opportunities for skill up gradations / technical knowledge

Excellent

Innovation / creativity encouraged at work

Excellent

Relationship with seniors / peers / subordinates

Excellent

General Employee benefits (Payroll / EPF / ESI / Festival Loan advance)

Excellent

Performance appraisal

Excellent

Canteen facilities

Excellent

Transport facility

Excellent

Medical facility

Excellent

Work Load and responsibilities

Excellent

Grievance Redressal mechanism

Excellent

Any other suggestions

MA 7 2

MA72

Submit