

**The Report on Short Term Training Program  
on  
“Academic Research and Data Analysis Using SPSS & AMOS”**

**09<sup>th</sup>October2023-15<sup>th</sup>October2023**

**Organized by**

**Department of Commerce**

**School of Social Sciences and Humanities**

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

**Vandalur ,Chennai-600048**



**B.S. Abdur Rahman <sup>TM</sup>**

**Crescent**

**Institute of Science & Technology**

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

### **Convenor**



Dr.D.Ayub Khan Dawood  
Dean,  
School of Social Sciences  
and Humanities

### **Organizing Secretary**



Dr.K.Soundarapandiyan  
Head- Department of  
Commerce

### **Coordinators**

Dr.S.L.Sobiya  
Assistant Professor  
Department of Commerce

Dr.K.Selvi  
Assistant Professor  
Department of Commerce

## Resource Persons

**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



## Programme Schedule

S. No	Date	Timing	Sessions Title	Resource Person
1	9.10.2023	6.15pm to 8.00pm	Research design & Questionnaire	Dr.T.Praveen Kumar Faculty, School of Business and Management Christ(Deemed to be University), Bangalore.
2	10.10.2023	6.15pm to 8.00pm	Data Analysis using IBM SPSS	Dr.T.Praveen Kumar Faculty, School of Business and Management Christ(Deemed to be University), Bangalore.
3	11.10.2023	6.15pm to 8.00pm	Structural Equation Modelling using AMOS	Dr.T.Praveen Kumar Faculty, School of Business and Management Christ(Deemed to be University), Bangalore.
4	12.10.2023	6.15pm to 8.00pm	Data Visualizing using POWER BI/Tableau	Dr.A.Mansurali A Assistant Professor, School of Management Central University of Tamil Nadu, Thiruvarur.
5	13.10.2013	6.15pm to 8.00pm	Data Analysis Using SPSS	Dr.A.Mansurali A Assistant Professor, School of Management Central University of Tamil Nadu, Thiruvarur.
6	14.10.2023	6.15pm to 8.00pm	Data Analysis Using R	Dr.A.Mansurali A Assistant Professor, School of Management Central University of Tamil Nadu, Thiruvarur.
7	15.10.2023	2 p.m to 3 p.m	Valedictory Ceremony	

# **The Report on Short Term Training Program (STTP) on Academic Research and Data Analysis using SPSS and AMOS**

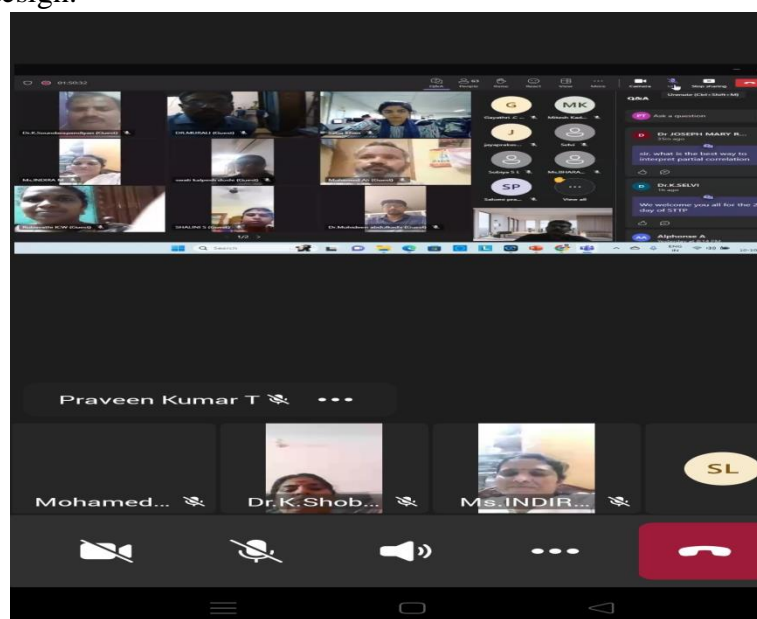
**09<sup>th</sup> October2023–15<sup>th</sup> October2023**

The Department of Commerce organised Short term training program on Academic Research and Data Analysis (using SPSS & AMOS) on 9th October 2023 in Virtual mode. The training programme is designed to enhance the learning and research skills of the participants, to make them aware about modern analytical tools and methodologies. This programme also provides an opportunity to acquire knowledge about current technological development in relevant fields. More than 95 participants registered for the program from various places like Andra Pradesh, Gujarat, Kerala, Karnataka, Bengaluru, Uttarpradesh, Telangana, Puduchery, Uttarkhand and Tamilnadu.

## **Day – 1 : (09.10.23)**

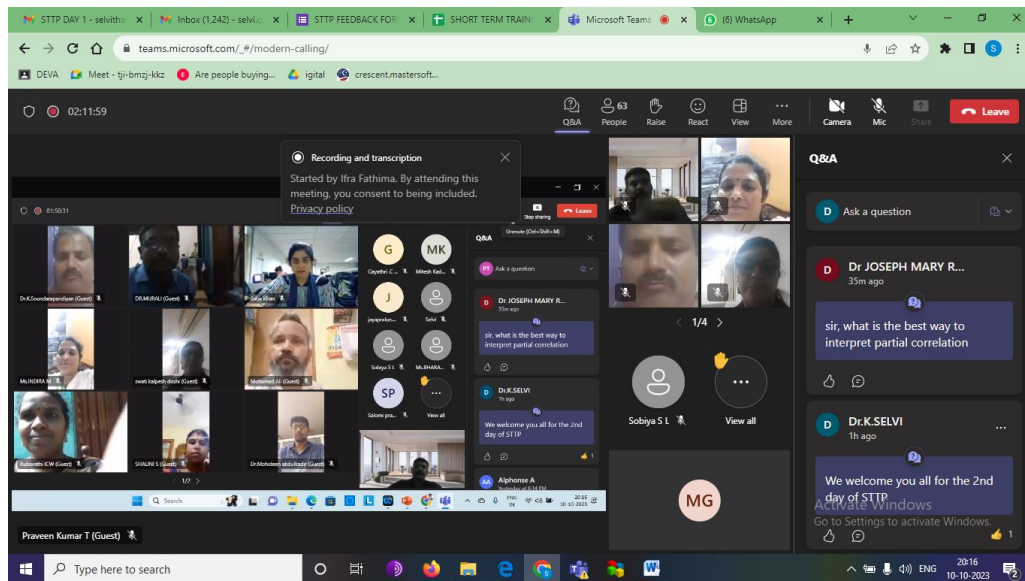
The session was inaugurated by Dr.Soundarapandiyan Associate Professor, Head, Department of Commerce, B.S.Abdur Rahman Crescent Institute of Science and Technology. He introduced the Resource person of the day Dr.Praveenkumar, faculty – School of Business and Management , Christ (Deemed to be university) Bangalore. He throws lights on various types of research, research topic, review of literature, research methods, research design, Questionnaire design and so on.

The overall session was very informative and interactive. All the participants actively participated and clarified their queries related to review of literature, research design and questionnaire design.



## Day – 2 : (10.10.23)

Topic for Day-2 was Data analysis using IBM SPSS. Dr. Praveen Kumar explained the nuances of SPSS in detail. Usage of the tool for Correlation, regression and inferences. Participants actively participated and get hand on practice in the particular field.



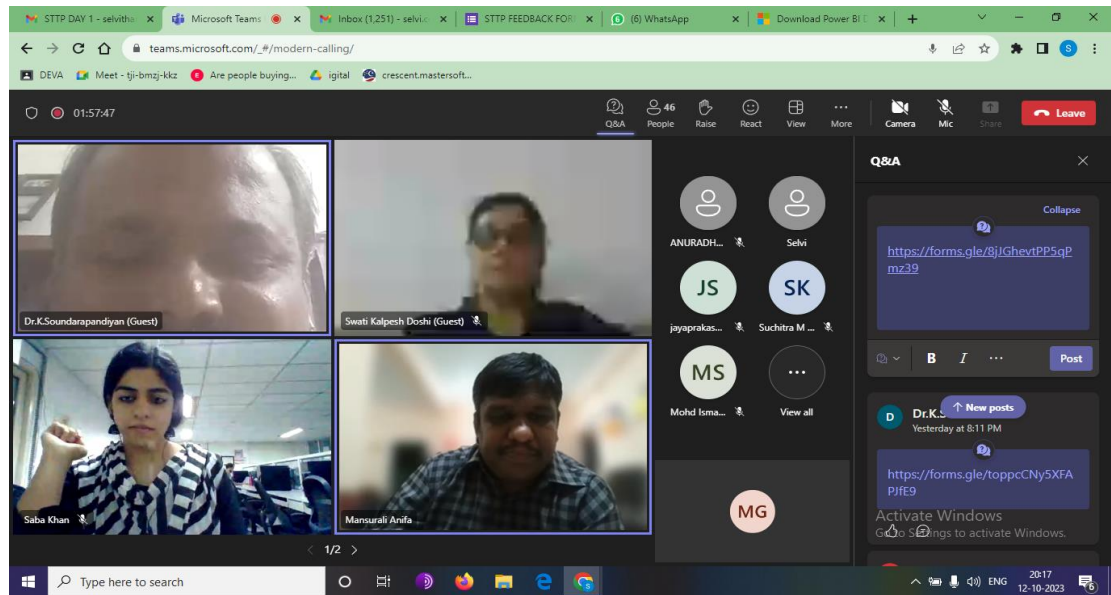
## Day – 3 : (11.10.23)

Day-3 was Structural Equation Modelling using AMOS. Dr. Praveen Kumar explained how to create a perfect model fit using AMOS from the basics. Which helps the participants to frame the structural model fit for their framed questionnaire.



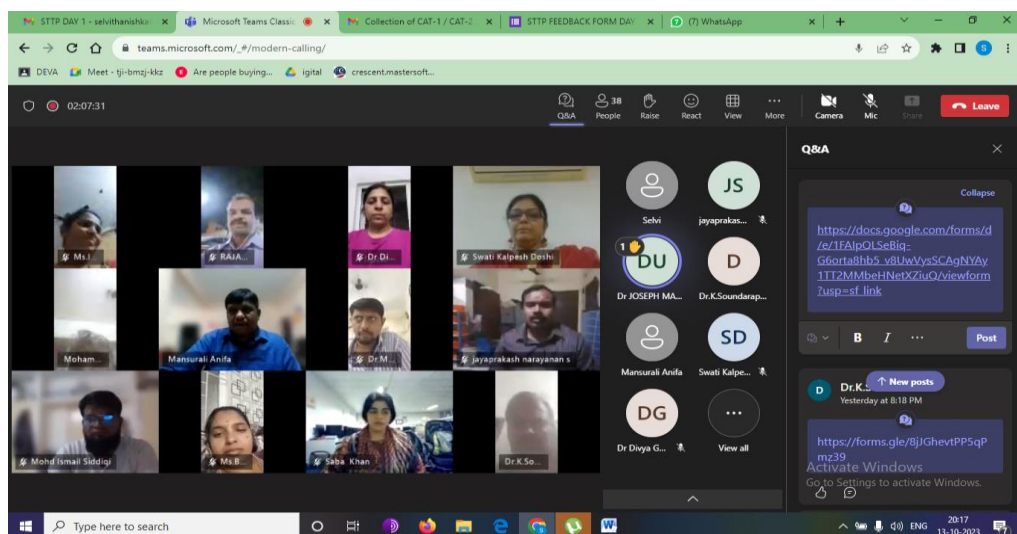
## Day – 4 : (12.10.23)

Data visualising using Power BI was the topic for Day-4 .Dr. Mansurali explained about ETL (Extract, Transform and Loading ) of data in Power BI and how to make the presentation attractive and interesting. He made the participants, to download the app from their end and gave them hands on experience. Participants also clarified their doubts through sharing their screens. The session was so interactive.



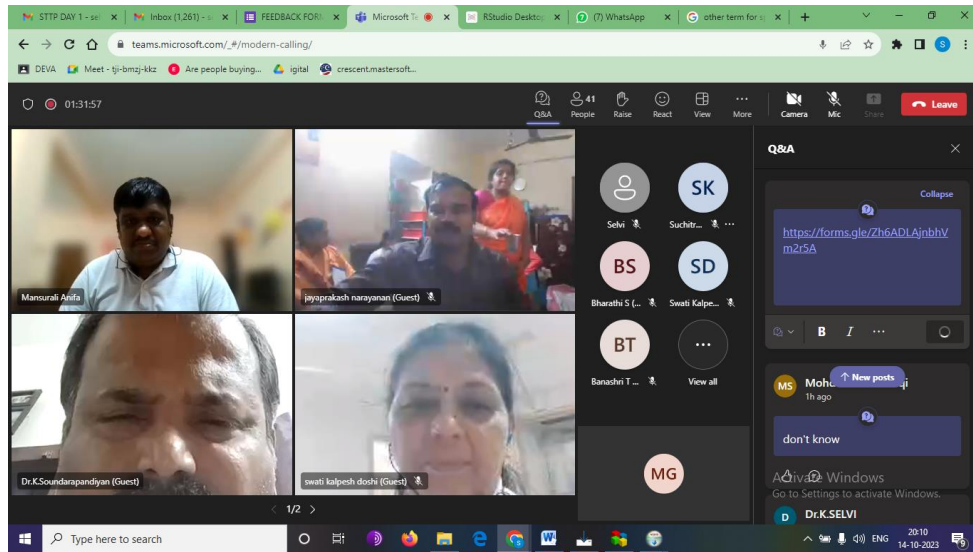
## Day – 5 : (13.10.23)

Topic for Day-5 was Data Analysis using SPSS . Dr. Mansurali explained about each tests in detail, if it is Correlation, he has taken the participants through the test with the help of his power point presentation side by side, which gave more clarity to everyone. He also gave importance to the inferential part, he added more tips to the participants in interpreting the table. The session was so informative.



## Day – 6: (14.10.23)

Topic for Day-6 was Data Analysis using “R”. Dr. Mansurali started with Regression analysis and explained how to do regression in “R” with special mention about the fields, wherein we can get the results, plots and do the inferences. The session was informative and participants actively participated.



## Day – 7: (15.10.23)

Day 7 ended with a valedictory note, wherein Dr. Praveen Kumar was visually present, and most of the participants shared their valuable feedback, which helps us to organize more quality faculty development programs like this.

The overall program was coordinated by Assistant Professors Dr.L.Sobiya and Dr.K.Selvi. Everyday evening the session was started by Dr. Sobiya with a warm welcome speech and ended by Dr.K.Selvi with the clarification of queries of the participants with the resource person and a thanking note.





B.S. Abdur Rahman™

# Crescent

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**DEPARTMENT OF COMMERCE**  
**SCHOOL OF SOCIAL SCIENCES AND HUMANITIES**

*Cordially invite you for the*

**Short Term Training Program (STTP)**

On

# **ACADEMIC RESEARCH AND DATA ANALYSIS**

*using SPSS and AMOS*

**09<sup>th</sup> - 15<sup>th</sup> Oct 2023 06.30 PM - 08.00 PM**

**Mode: Virtual**

**RESOURCE PERSONS**



**Dr. T. Praveen Kumar**

*Faculty, School of Business  
and Management,  
Christ University, Bangalore.*

**Topics to be covered:**

- (i) Research Design & Questionnaire Construction
- (ii) Data Analysis Using IBM SPSS
- (iii) Structural Equation Modelling using AMOS



**Dr. Mansurali A**

*Assistant Professor,  
School of Management,  
Central University of Tamil Nadu,  
Thiruvarur*

**Topics to be covered:**

- (i) Data Visualizing using POWER BI/Tableau
- (ii) Data Analysis Using SPSS
- (iii) Data Analysis Using R

## **Convenor**

**Dr. Ayub Khan Dawood**

Professor and Dean-SSSH  
B.S. Abdur Rahman Crescent Institute  
of Science & Technology

## **Organising Secretary**

**Dr. K. Soundarapandiyan**

Head- Department of Commerce  
B.S. Abdur Rahman Crescent Institute  
of Science & Technology

## EXPECTED OUTCOMES

- SPSS enables users to address research questions and real-world problems by applying appropriate statistical techniques and drawing meaningful conclusions.
- A solid understanding of SPSS fosters confidence in research findings, as researchers can independently validate and verify their results.
- Users can produce clear, well-structured reports with statistical results that are suitable for academic publications, presentations, and communication to stakeholders.

## FOR WHOM

Students, Research scholars, Faculty of Commerce, Social Science, Economics and Management

## REGISTRATION FEES: INR: 500/-

## IMPORTANT DATE:

Late date to Register:	08 <sup>th</sup> October 2023
Limited seats only (First come first serve basis)	

## REGISTRATION

Registration to be made online through the registration link given below:

## REGISTRATION LINK:

<https://forms.gle/NuE57Ftps9KJ7m5j7>

or



## CERTIFICATE FOR PARTICIPATION:

Certificate of Participation will be issued to all the participants.

## MODE OF PAYMENT:

Bank Details:

Account Name: Department of Commerce

Account Number: 165701000025027

IFSC : IOBA0001657

Bank Branch: Indian Overseas Bank, Vandalur

## Co-ordinators

**Dr. S.L. Sobiya**

Assistant Professor  
Ph: +91 90031 90467

**Dr. K. Selvi**

Assistant Professor  
Ph: +91 99443 35191

## LIST OF PARTICIPANTS (9th TO 15th OCTOBER 2023)

S.NO	NAME	DESIGNATION	INSTITUTE
1	DR.MOHIDEENABDULKADIR	Visiting Faculty	B S.Abdur Rahman Crescent Institute of Science and Technology
2	GAYATHRI S	Asst. Professor	Guru Nanak College
3	MOHD ISMAIL SIDDIQI	Research Scholar	Pondicherry University
4	MOHAMED ALI J	Research Scholar	BSACIST
5	DR.AFAQ AHMAD	Assistant Professor	Woxsen University
6	Dr.M. ANTHONISAMY	Assistant Professor & Head	AVS College of Arts & Science (Autonomous)
7	R.MURALI KRISHNAN	Assistant professor	Global college of arts & science, Ammaiappan.
8	SHRI SAILAXMI.S	Research Scholar	Vellore Institute of Technology, Chennai Campus
9	RUCKSAR BEGUM A	Assistant Professor in Commerce	Immaculate College For Women, Chinnakanganakuppam
10	RAJKUMAR R	Assistant Professor in Commerce	St. Joseph's College of Arts and Science (Autonomous) Cuddalore
11	DHARINI R	Ph.d (Research scholar)	B.S.Abdur Rahman Crescent Institute of Science and Technology, Vandalur
12	SHARANYA V	Research scholar	B.S.Abdur Rahman Crescent Institute of Science and Technology, Vandalur
13	SWATI DOSHI	Associate Professor	Christ College Rajkot
14	DR. SRIDEVI J	HoD	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
15	N ANIRUDDHAN	Business Analyst	LTIMINDTREE PVT LTD
16	VIKNESHKUMAR ARUNACHALAM	Assistant Professor	Arignar Anna Government Arts and Science College
17	GAYATHRI.C	RESEARCH SCHOLAR	VIT CHENNAI
18	DR.DIVYA GOEL	ASSISTANT PROFESSOR SENIOR GRADE	Jaypee Business School, Jaypee Institute of Information Technology, Noida
19	DR.MITUSHI SINGH	Assistant Professor(Sr. Gr)	Jaypee Business School, JIIT NOIDA
20	C V BHAVANI	Research Scholar	J H A AGARSEN COLLEGE, MADHAVARAM
21	VENKATESH KUMAR.P	Assistant Professor	Sri Kaliswari Institute of Management and Technology, Sivakasi
22	ALPHONSE A	Assistant Professor	Bell Institute
23	S.BRINDHA	Former Assistant Professor of Business Administration	Sri Krishnasamy Arts and Science College, Sivakasi
24	SUGANYA G	Assistant professor	Holy Angels school of business
25	SACRATICE K	Assitant professor	Holy Angels school of Business
26	DR. NIRMAL S	Assistant Professor	SRM Arts and Science College, Kattankulathur
27	RAJANNA K	Senior Grade Lecturer	Govt. G. R. Institute of Commercial Practice
28	N. RAJA	Assistant Professor	Crescent School of Pharmacy
29	SHAHEERA BANU Z	PhD Research Scholar	Avinashilingam Institute for Home Science and Higher Education for Women

30	DR JOSEPH MARY RAHILA	ASSISTANT PROFESSOR	BS Abdur Rahman Crescent Institute of Science and Technology
31	DR.ILA.NAKKEERAN	Assistant Professor	SRM Institute of Science and Technology, Kattankulathur
32	SHOBANA K	Assistant Professor	BS Abdur Rahman Crescent Institute of Science and Technology
33	MS.G.BHUVANESWARI	Assistant Professor	Stella Maris College
34	TEENA JACOB	Assistant Professor	Sacred Heart Degree College for Women
35	M. ANURADHA	Research scholar	Presidency University
36	MR. NAVEEN.S	Assistant professor	Akash group of intuitions
37	DR.K.SELVI	Assistant professor	B.S.Abdur Rahman Crescent Institute of Science and Technology Vandalur
38	DR.S.HEMALATHA	Professor	Hindustan Institute of Techology and Science
39	ASMA ZAINAB. A	Assistant professor	SDNB Vaishnav College for women
40	DR. P CHENNAKRISHNAN	Assistant Professor	Thiruvalluvar University
41	DR.MURUGANANTH GOPAL RAJ	Professor & Head	Ahalia School of Engineering and Technology
42	DR SHANTHI H J	Associate Professor	Hindustan Institute of Technology and Science
43	DR.M.BABU	Associate professor	Bharathidasan University
44	DR.S.L.SOBIYA	Assistant professor	B S Abdur Rahman Crescent institute of science and technology
45	DR. M. AKILA	ASSISTANT PROFESSOR	CENTRE FOR DISTANCE EDUCATION
46	S. LAKSHMINARAYANAN	Assistant Professor	Surya Group of Institutions
47	MITESH KADAKIA	Research Scholar	Presidency University, School of Commerce
48	SENTHILKUMAR S	Assistant Professor	M.A.M.B-School
49	SHALINI S	Research scholar	Sri manakula vinayagar engineering college, madagadipet
50	MOHAMED FAHIM. J	BBA ( GEN ) 3rd year	B. S. Abdur Rahman Crescent Institute Of Science And Technology
51	DR.CHITRA A	Associate professor	Knowledge Institute of Technology
52	MR.ARUNKUMAR	Research scholar	Sathyabama institute of science and technology
53	A. SHAHIDHA FATHIMA	Research scholar	B.S. Abdur Rahman Crescent Institute of Science and technology
54	ANJU M	Phdscholor	B S Abdur Rahman Crescent Institute of Science and Technology
55	NISAMUDHEEN PP	Research scholar	B.S.Abdur Rahman Crescent Institute of Science and Technology, Vandalur
56	DIPANKAR DUTTA	Research Scholar	Uttaranchal University Dehradun
57	ANITHADEVI. R	Research Scholar	VISTAS
58	BHARATHI.S	Research Scholar	Presidency University, Sedhadripuram First Grade College
59	DR. MURALI.R	PROFESSOR	St. Peter's College of Engineering and Technology
60	SABA KHAN	Research scholar	BS ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY
61	SAM PAUL B	Research Scholar	VIT- Chennai
62	SOWMYA.K	Assistant Professor	MLA Academy of Higher Learning

63	BANASHRI T	Professor	Seshadripuram First Grade college
64	MUTHULAKSHMI S	Research scholar	B s abdur Rahman crescent institute
65	DR.B.BHARATHI	Assistant professor	Anna Adarsh college for women
66	POOJA S	Research scholar	VIT
67	DR.R.MARYANGELIN	Assistant Professor Commerce	BS Abdur Rahman Crescent Institute of Science and Technology Vandalur Chennai
68	S. SHARMEEN MEHAK	Research Scholar	B. S. Abdur Rahman Crescent Institute of Science and Technology
69	SUCHITRA M KUMAR	Research scholar	Giram University
70	VISWANATH ANANTH	Research Scholar	Psg institute of Management
71	DR. S. JAYA	Assistant professor	The quaideMilleth College for Men
72	PAVITHRA M.J.	Associate Professor	seshadripuram First Grade College
73	SINDHUJA.K	Research scholar	Vels University
74	DR.AGILADEVIPUGALENDHI	Assistant Professor	Guru Nanak
75	DR.Y.AQTHER BEGAM	Assistant Professor	THE QUAIDE MILLETH COLLEGE FOR MEN
76	DR.P.NEETHIKUMAR	Assistant Professor	BS Abdur Rahman Crescent Institute of Science and Technology
77	DATHI MOL W S	Research Scholar	VIT Chennai
78	MRS. N. VIJAYALAKSHMI	Assistant Professor	Immaculate College For Women, Cuddalore
79	DR SHIVANI KAPOOR	Asst Prof	Jaypee Business School, JIIT, Noida
80	S. ASAN BAWA	Assistant Professor	B. S. Abdur Rahman Crescent Institute Of Science & Technology
81	DR.T.SELVAKUMAR	Assistant professor	B S Abdur Rahman Crescent institute of science and technology
82	RUBAVATHI K	Assistant professor	Immaculate college for women
83	VIJAYA KUMARI N	Assistant Professor	Immaculate College for Women
84	ANSHUL KUMAR CHAUDHARY	Research Scholar	Pondicherry University
85	DR.N.VIJAYAKUMAR	Assistant Professor	B S Abdur Rahman Crescent institute of science and technology
86	PALLAVI YADAV	Research Scholar	Pondicherry University
87	DR. N. KOGILA	Assistant Professor	B. S. Abdur Rahman Crescent Institute of Science and Technology
88	R UMA	Assistant Professor	Avichi college of Arts and Science
89	A. DEENA MAHALAKSHMI	Research Scholar	Loyola Institute of Business Administration
90	R.SUGANTHI	ASSISTANT PROFESSOR	AVICHI COLLEGE OF ARTS AND SCIENCE
91	INDIRA M	Lecturer	Govt. GRICP, SJP campus
92	DR.B.SELVAKUMAR	Assistant professor	Easwari engineering College
93	S.JAYAPRAKASH NARAYANAN	Assistant professor	SIVET COLLEGE
94	DR.K.BALAJI	Associate Professor	Surya Group of Institutions, School of Management
95	SONALI BADHE KADAM	Assistant professor	Kaveri College of Arts science and commerce, Pune

# Sample of certificate

Certificate No. BSACIST/COM/STTP/202310033.



**B.S. Abdur Rahman Crescent Institute of Science and Technology**  
**Vandalur, Chennai-600048**

Department of Commerce  
School of Social Sciences and Humanities

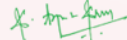
## **CERTIFICATE OF PARTICIPATION**

This is to certify that

**Dr/Mr/Ms.G.BHUVANESWARI**

Assistant Professor, STELLA MARIS COLLEGE has participated & completed successfully the Short-Term Training Programme (STTP) on "**Academic Research and Data Analysis Using SPSS and AMOS**" from **09-10-2023** to **15-10-2023**.

  
**Dr. K. Soundarapandiyar**  
Head,  
Department of Commerce

  
**Dr. D. Ayub Khan Dawood**  
Dean,  
School of Social Sciences and Humanities

  
**Dr. N. Raja Hussain**  
Registrar,  
BSACIST