

**The Report on Seven-day National Level Faculty Development
Programme on
“Research Methodology and Analysis Tools”**

08th May 2023 - 14th May 2023

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 TM

Crescent

Institute of Science & Technology

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

Convenors



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



Dr. K. Soundarapandiyan
Head,
Department of Commerce

Coordinators



Dr. T. Selvakumar
Assistant Professor
Department of Commerce



Mr. Rahul P
Assistant Professor
Department of Commerce

Resource Persons



Dr. Sangeeta Mehrolia
Assistant Professor
Strategy and Leadership
Christ (Deemed to be University),
Bangalore.



Dr. Kirupa Priyadarsini M
Associate Professor - HR
PSG Institute of Management
PSG College of Technology



Dr. Subburaj A
Assistant Professor
(Senior Grade)- Operations
Manipal Academy of Higher Education (MAHE)
Dubai.



Dr. Mansurali A
Assistant Professor
Business Analytics
Christ (Deemed to be University),
Bangalore.



Dr. Rajveer S Rawlin
Assistant Professor
(Senior Grade) – Finance
Ramaiah Institute of Management ,
Bangalore.



Dr. Praveen Kumar T
Assistant Professor
Lean Operations and System
Christ (Deemed to be University),
Bangalore.

Programme Schedule

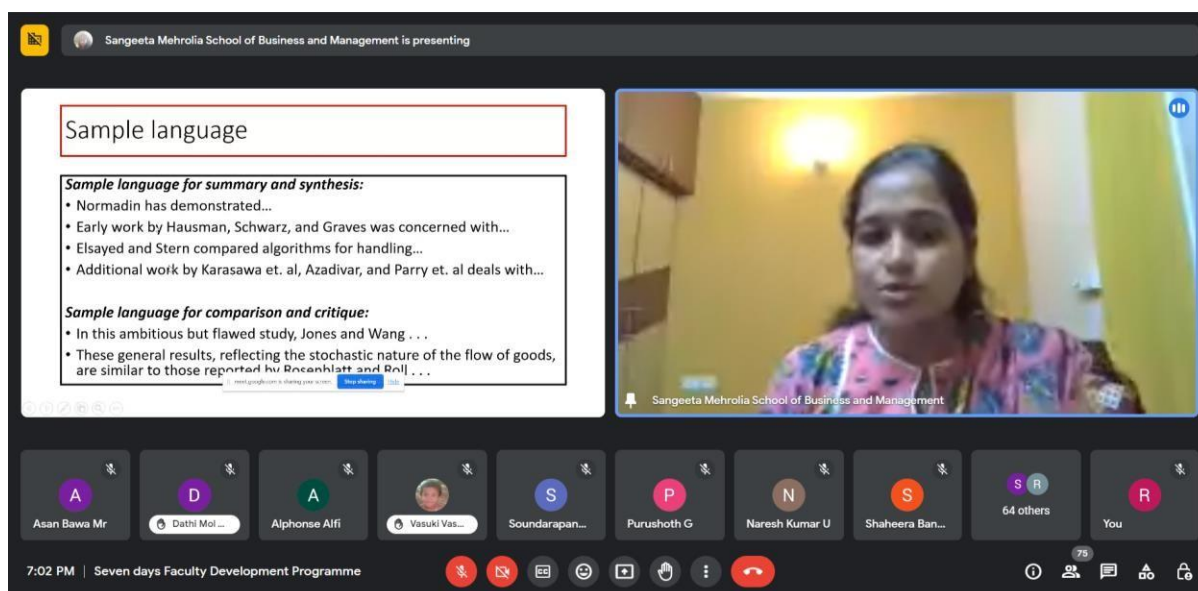
S. No	Date	Timing	Sessions Title	Resource Person
1	8.05.2023	6.30pm to 8.30pm	Review of literature – Mendeley Software	Dr.Sangeeta Mehroliya Assistant Professor Strategy and Leadership Christ (Deemed to be University), Bangalore.
2	9.05.2023	6.30pm to 8.30pm	Questionnaire Design and Scale development	Dr. Kirupa Priyadarsini M Associate Professor - HR PSG Institute of Management PSG College of Technology
3	10.05.2023	6.30pm to 8.30pm	Research Problem Identification and Research Design	Dr. Subburaj A Assistant Professor (Senior Grade)- Operations Manipal Academy of Higher Education (MAHE) Dubai.
4	11.05.2023	6.30pm to 8.30pm	Data Visualization using Power BI	Dr. Mansurali A Assistant Professor Business Analytics Christ (Deemed to be University), Bangalore.
5	12.05.2023	6.30pm to 8.30pm	Econometrics Modelling Using GRETL	Dr. Rajveer S Assistant Professor(Senior Grade) – Finance Ramaiah Institute of Management , Bangalore.
6	13.05.2023	1.30pm to 3.30pm	Data Analysis and Inference Using R	Dr.Praveen Kumar T Assistant Professor Lean Operations and System Christ (Deemed to be University), Bangalore.
7	14.05.2023	6.30pm to 8.30pm	Valedictory Ceremony	

The Report on Seven days National Level Faculty Development Programme on “Research Methodology and Analysis Tools”

08th May 2023 - 14th May 2023

A seven days national level faculty development programme on “ Research Methodology and Analysis Tools” was conducted from 08th May 2023 to 14th May 2023 by the Department of Commerce, School of Social Sciences and Humanities, B. S Abdur Rahman Institute of Science and Technology- Chennai. A total of 105 participants from various institutions took part in this programme. The participants consist of 16 Research Scholars, 79 Assistant Professors, Nine Associate Professors, One Professor from various institutions like B.S Abdur Rahman Institute of Science and Technology, Annamalai University, Avinashilingam Institute for Home Science and Higher Education for Women, Bharathidasan University, SRM Institute of Science and Technology, VIT , Sri Sankara arts and science college, Indo- American college- Cheyyar etc.

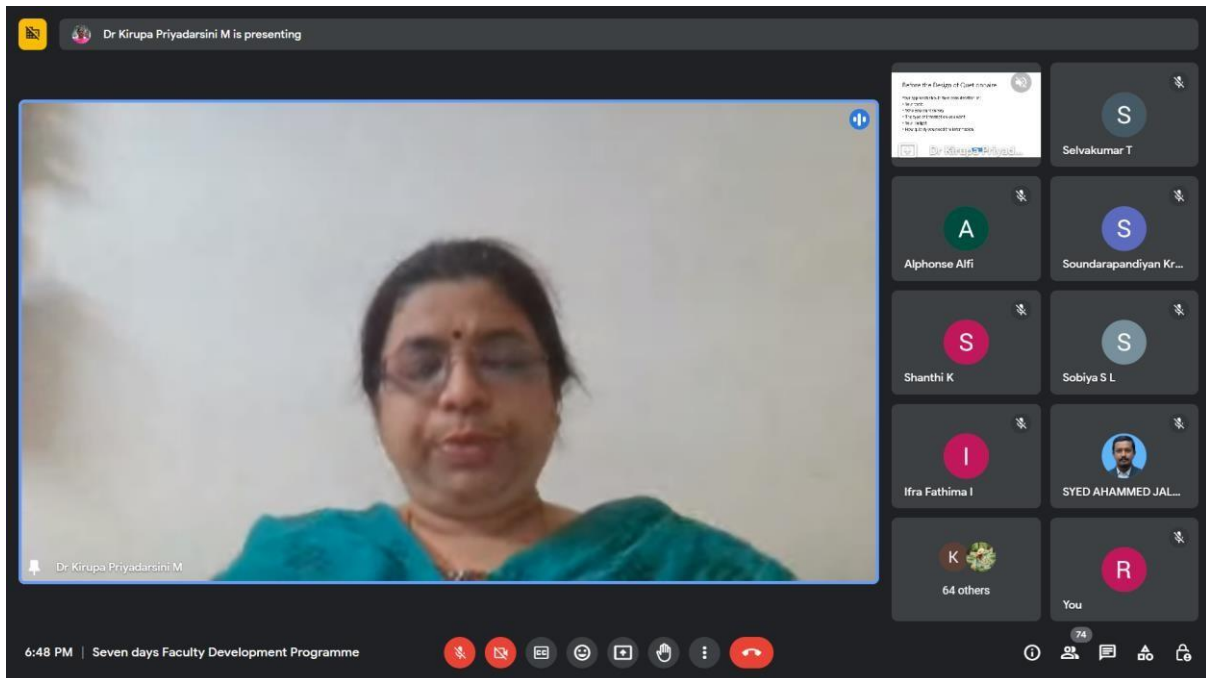
Six eminent experts from various subjects were invited to share their wisdom and vast experience on different topics. The Programme was inaugurated on 08th May 2023 with the Resource Person Dr.Sangeeta Mehrolia Assistant Professor, Christ University, Bangalore with our respected Head of the Department of Commerce, Dr. K Soundarapandiyar sir. Dr. K Soundarapandiyar sir welcomed the resource person, for the day and shared his views with the participants that if faculty wants to develop themselves and their students, then attending such programs would enhance their skills of teaching concepts practically. Dr. T. Selvakumar, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology gave an introduction about the resource person.



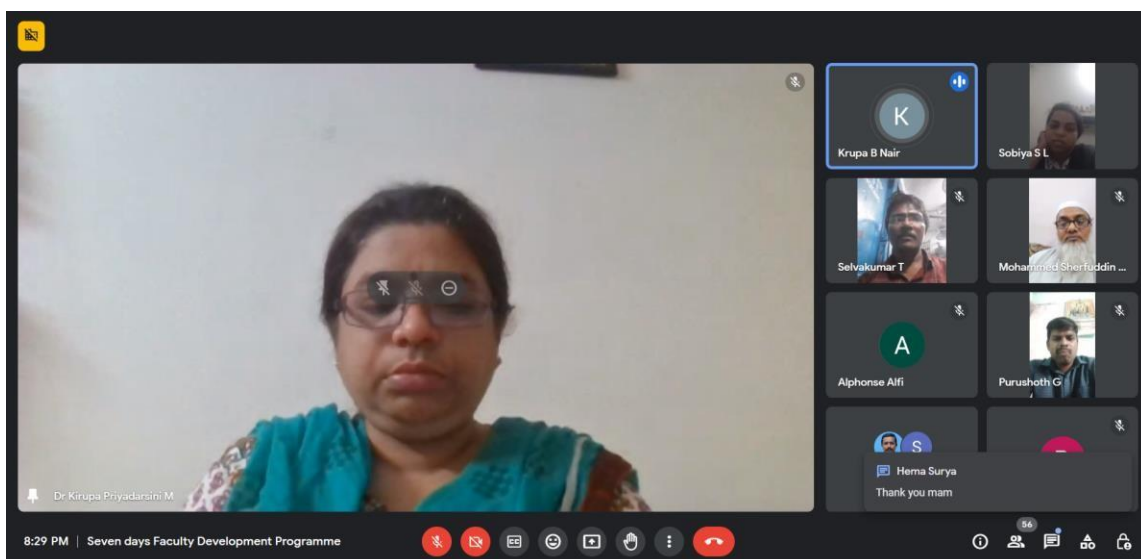
The screenshot shows a Zoom meeting interface. At the top, it says "Sangeeta Mehrolia School of Business and Management is presenting". The main content area is split into two parts: a presentation slide on the left and a video feed on the right. The slide is titled "Sample language" and contains two sections: "Sample language for summary and synthesis:" with a bulleted list of references, and "Sample language for comparison and critique:" with a paragraph of text. The video feed shows a woman, Dr. Sangeeta Mehrolia, speaking. Below the main content area is a toolbar with icons for mute, video, chat, and other meeting controls. At the bottom, there is a list of participants with their names and initials, including Asan Bawa Mr, Dathi Mol..., Alphonse Alfi, Vasuki Vas..., Soundarapan..., Purushoth G, Naresh Kumar U, Shaheera Ban..., and You. The meeting title at the bottom is "Seven days Faculty Development Programme" and the time is 7:02 PM.

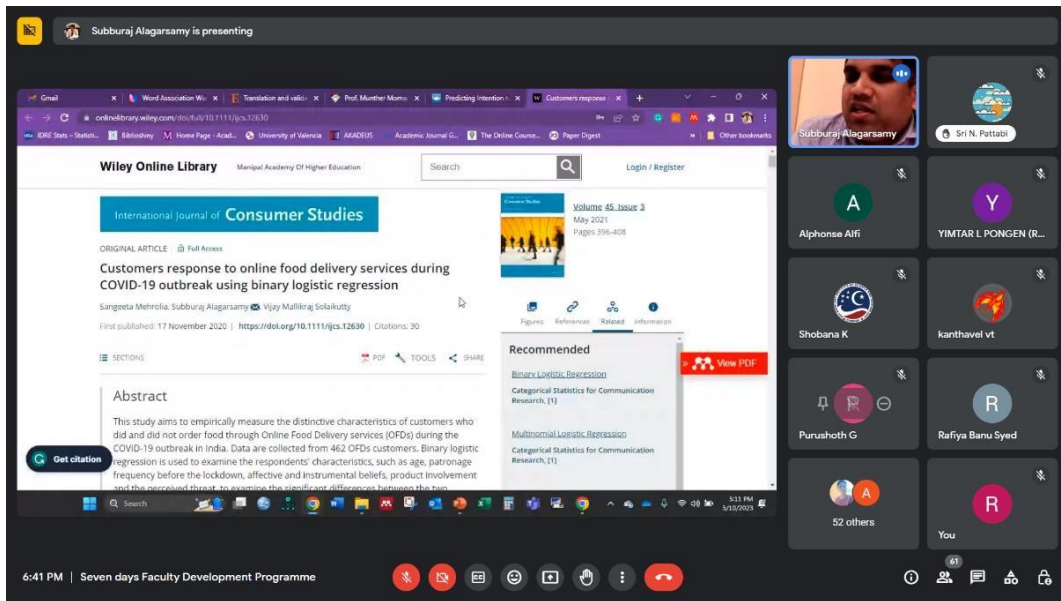
Dr. Sangeetha Mehrolia, delivered a talk on the topic “Review of literature and Mendeley Software”. In the first part of the session the speaker discussed about review of literature, the importance of review of literature, purpose of literature review etc. In the

second part of the session the speaker explained about various “reference managers” and explained about the mendeley software. From downloading the software to how to create bibliography using the mendeley software. Mr. Rahul P, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology has given the vote of thanks for the session.

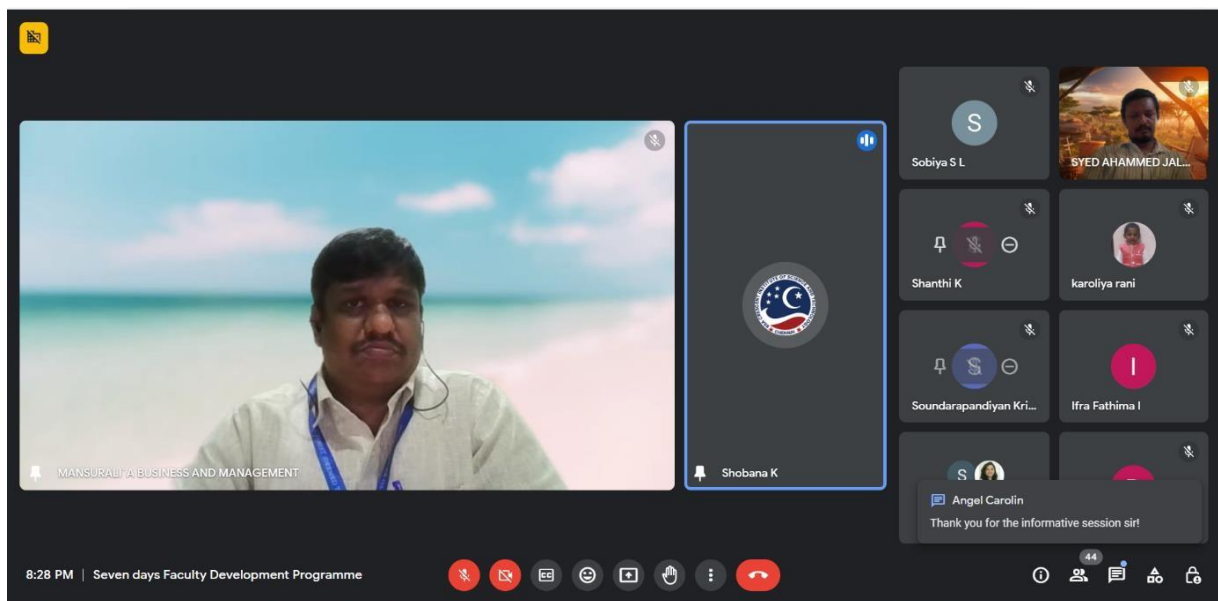


In the second day, Dr. T. Selvakumar, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology welcomed the resource person Dr. Kirupa Priyadarsini M, Associate Professor – HR, PSG Institute of Management, PSG College of Technology. She delivered a lecture on ‘Questionnaire Design and Scale development’. She explained about how to frame a questionnaire, How to map the objectives with questionnaire, Type of questions in the questionnaire and about the scale development. Dr. Krupa B Nair, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology has given the vote of thanks for the session.





The third days speaker was Dr. Subburaj A, Assistant Professor (Senior Grade)- Operations Manipal Academy of Higher Education (MAHE) Dubai. Dr. N Koghila, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology delivered the welcome address and gave an introduction about the speaker. The resource person spoke about “Research Problem Identification and Research Design”. He explained the most frequently used techniques for generating and refining research ideas, how to choose a topic , Research pitching strategies and gave comprehensive lecture on research design. Dr. T. Porkodi, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology has given the vote of thanks for the session.



In the fourth day Dr. R. Prakash, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology welcomed the resource person Dr. Mansurali A, Assistant Professor , Business Analytics, Christ (Deemed to be University),

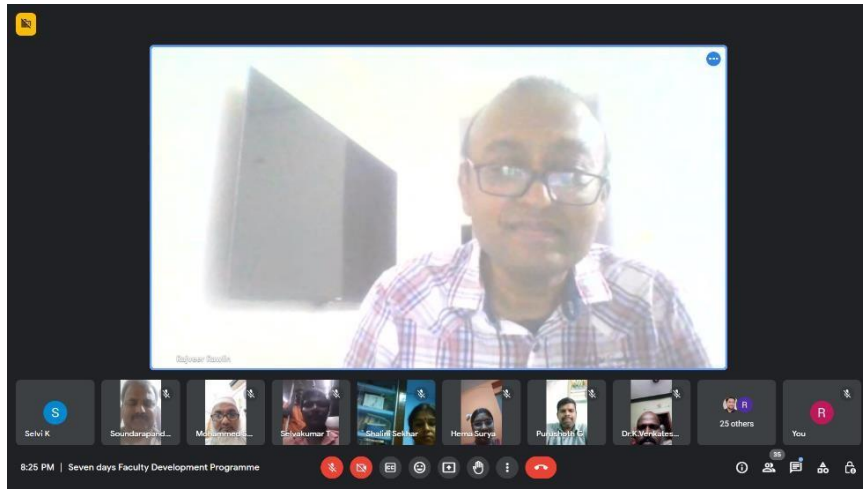
Bangalore. Dr. V. Vijayakumar, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology gave an introduction about the resource person. Dr. Mansoorali dealt with the topic “Data Visualization using Power BI”. In the first part of the session the speaker explained about the importance of Business Intelligence and data visualization and the relevance of Power BI software. In the second part the he gave a hands on training on the use of Power BI software. Dr. K Shobhana, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology has given the vote of thanks for the session.

The screenshot shows a Zoom meeting interface. At the top, it says "Rajveer Rawlin is presenting". The main content area is split into two parts. On the left is a presentation slide titled "Estimating the ARIMA Model" with the RAMAIAH Institute of Management logo. The slide lists several steps:

- Check for stationarity using the Augmented Dickey Fuller test to estimate the value of d
- Use Auto and Partial auto correlation functions to start the modelling
- Refine the model looking at AIC values and significance
- Estimate the Model
- Generate forecast
- e.g., $Nifty = 16.8093 + 0.781599Nifty_{t-1} - 0.990404Nifty_{t-2} - 0.755463ER_{t-1} + 0.948545ER_{t-2}$

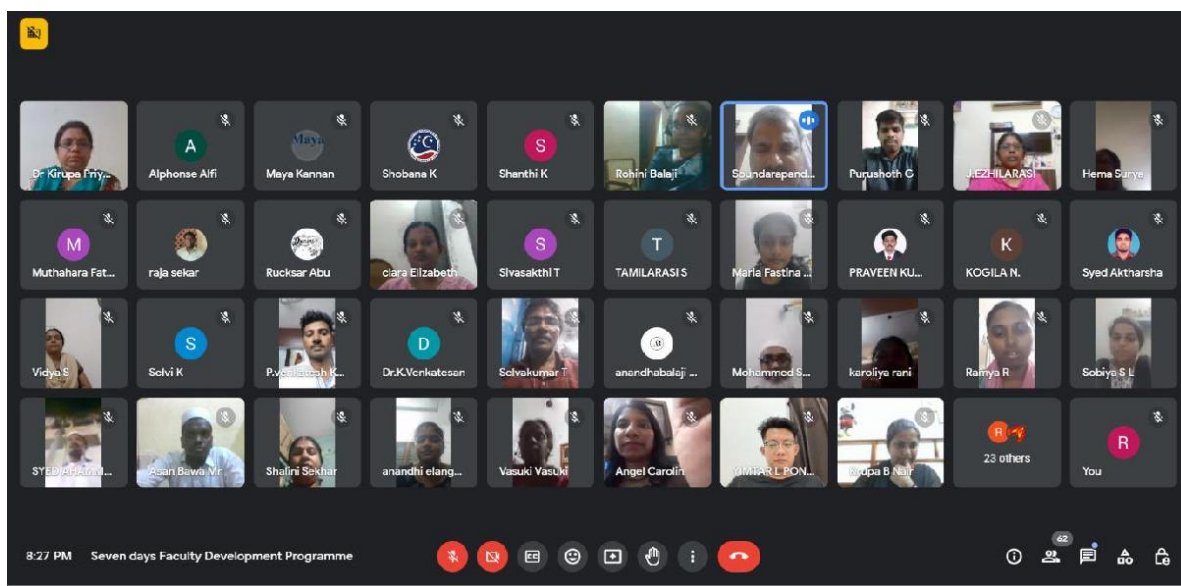
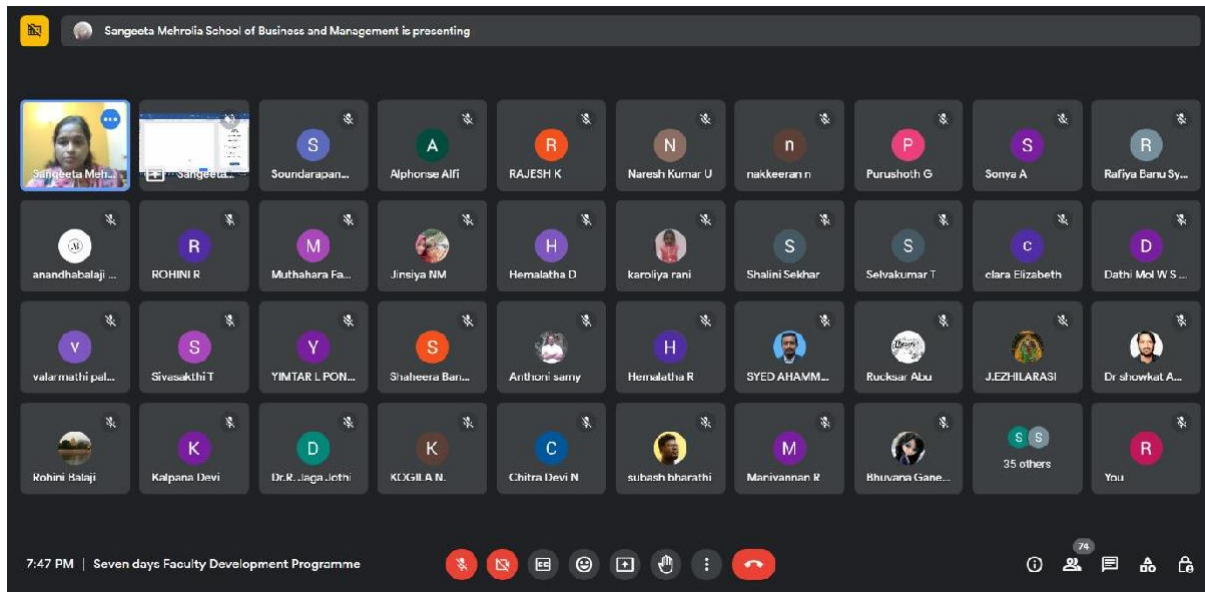
 On the right is a video feed of the presenter, Rajveer Rawlin, wearing glasses and a checkered shirt. Below the main content area is a grid of participant avatars with names: karoliya rani, ROHINI R, Sonali Badhe ..., Purushoth G, Vasuki Vasuki, Mohammed S..., Selvi K, Angel Carolin, 48 others, and You. At the bottom, the meeting controls are visible, including a red mute button, a video off button, and a red end call button. The time is 6:59 PM and the meeting title is "Seven days Faculty Development Programme".

The fifth day speaker was Dr. Rajveer S, Assistant Professor (Senior Grade) – Finance Ramaiah Institute of Management , Bangalore. Dr. Selvi K, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology delivered a welcome address and Mr. Sherfudheen, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology has given an introduction about the resource person. The speaker dealt with the technical session about ‘Econometrics Modelling Using Gretl software. He gave a hands on training experience on different econometrics tests like Stationarity test, ARIMA Model, ARCH and GARCH Models etc. Dr. Sigbathulla Nasir, Assistant Professor, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology has given the vote of thanks for the session



In the Sixth day programme , Dr.Praveen Kumar T, Assistant Professor ,Lean Operations and System , Christ (Deemed to be University), Bangalore graced the session and spoke on the topic “Data Analysis and Inference Using R”. Dr. K Soundarapandiyan,Associate Professor & Head , Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology delivered the welcome address and gave an introduction about the resource person. In the first part of the session, the speaker dealt with the basic concepts in data analysis like why to analyse the data, different types of data, types of measurement etc. and in the second part he demonstrated the data analysis using R software. ”Dr. K Soundarapandiyan, Associate Professor& Head, Department of Commerce, B.S Abdur Rahman Crescent Institute of Science and Technology delivered vote of thanks and concluded the session.

The programme has received positive feedback from the participants. Most of the participants were satisfied with the faculty development programme.



Brochure

Online
From 08.05.2023 To 14.05.2023
Time: 6.00 PM to 8.00 PM



FACULTY DEVELOPMENT PROGRAM ON RESEARCH METHODOLOGY AND ANALYSIS TOOLS

Organized by
Department of commerce
School of Social Sciences and Humanities
B.S.ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE & TECHNOLOGY



Dr. Subburaj A
Assistant Professor (Senior Grade)- Operations
Manipal Academy of Higher Education (MAHE)
Dubai.

**Research Problem Identification
and
Research Design**



Dr. Sangeeta Mehrolia
Assistant Professor
Strategy and Leadership
Christ (Deemed to be University), Bangalore.

**Review of literature
Mendeley Software**



Dr. Kirupa Priyadarsini M
Associate Professor - HR
PSG Institute of Management
PSG College of Technology

**Questionnaire Design
and
Scale development**



Dr. Mansurali A
Assistant Professor
Business Analytics
Christ (Deemed to be University), Bangalore.

**Data Visualization
using Power BI**



Dr. Rajveer S
Assistant Professor (Senior Grade) – Finance
Ramaiah Institute of Management , Bangalore.

**Econometrics Modelling
Using GRETL**



Dr. Praveen Kumar T
Assistant Professor
Lean Operations and System
Christ (Deemed to be University), Bangalore.

**Data Analysis
and
Inference Using R**

Registration Fees - Rs. 400.
Department of Commerce
Indian Overseas Bank,
Vandalur, Chennai-600048.
Ac.No: 165701000025027
IFSC Code: IOBA0001657

Apply Here



(or) **Registration Link**
<https://forms.gle/jaNisFLhNpigLWzs7>

CONVENER

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

CO-ORDINATOR

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Assistant professor of commerce
Email: selvakumar.com@crescent.education
Mobile: 9865134221

Organizing Secretary

Dr. K. Soundarapandiyan
Associate Professor and Head
Department of Commerce

CO-ORDINATOR

Mr. Rahul P
Assistant professor of commerce
Email: rahul.com@crescent.education
Mobile: 9048158538

Valedictory Invitation



The management, Staff, and the Students of
Department of Commerce

School of Social Science and Humanities

B.S. Abdur Rahman Crescent Institute of Science and Technology
GST Road, Vandalur, Chennai - 600 048

Cordially invite you to grace the valedictory function of

FACULTY DEVELOPMENT PROGRAM

on

Research Methodology and Analysis Tools

Dr. Mohsin Shaikh

Associate Professor, School of Business,
World Peace University, Pune
has kindly consented to deliver the valedictory address

Dr. D. Ayub Khan Dawood

Dean - SSSH

Dr. K. Soundarapandiyan

Head- Commerce

Co-ordinators

Dr. T. Selvakumar

Asst. Professor

Mr. P. Rahul

Asst. Professor

Date: 14/05/2023 at 11.00 am

G-meet link: <https://meet.google.com/whc-eirq-ezh>

Sample of certificate

Certificate No. BSACIST/COM/FDP/202305093.



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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 certified that

Dr. M. KRISHNA

Assistant Professor, Patrician College of Arts and Science, has participated & completed successfully the Seven-day National Level Faculty Development Programme on "**Research Methodology and Analysis Tools**" from **08-05-2023 to 14-05-2023**.

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