

# Organising Committee

## Principal Investigator

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## Organizing Committee from The Government College of Arts, Science & Commerce, Quepem, Goa

### Principal

Dr. Pravina Kerkar

### Course Coordinator

Dr. Renji George Amballoor,

(Associate Professor & HOD, Department of Economics)

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### Jt. Course Coordinator

Dr. Vikrant V Mudliyar

(Assistant Professor, Department of Economics)

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## Coordinator, Electronics & ICT Academy

Mr. Manash Pratim Baishya (Project Engineer)

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### About E&ICT Academy

Electronics and ICT Academy is an initiative of the Ministry of Electronics and Information Technology (MeitY), Government of India for conducting various faculty/Research Scholar Development Programme. Academy has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands-on training and project work using the latest software tools and systems. In addition, the Academy will conduct specialized/ customized training programmes an research promotion workshops for corporate sector & educational institutions. Training of 1,35,000 Faculty Members/Trainers in Engineering and non-engineering colleges, Polytechnic, ITI and PGT educators Besides training of faculty members, at least 350 new/ unique FDPs would be developed in niche/ state-of-the art technological areas, considering future-of-work and integration of industry specific requirement.

### Scan to Register



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## One Week Faculty Development Programme on

## “Data Analysis, Data Visualization & AI For Research”

7<sup>th</sup> to 11<sup>th</sup> July, 2025



Organized by

E&ICT Academy IIT Guwahati

in association with

The Government College of Arts,  
Science & Commerce, Quepem, Goa  
&

Expert arrange from E&ICT Academy

Venue:

The Government College of Arts,  
Science & Commerce, Quepem, Goa





## About The Government College of Arts, Science & Commerce, Quepem, Goa:

The Government College of Arts, Science & Commerce, Quepem, Goa, is located 2km from Quepem town, surrounded by picturesque scenery. The College began its journey in 1989 with around 100 students. Today, it has approximately 2000 students and over 100 faculty members, offering a wide variety of undergraduate courses in Arts, Humanities, Commerce, and Science. The College also provides postgraduate programs in Mathematics, Konkani, and Commerce, as well as research center in Konkani. The College holds a prominent position for academic and co-curricular achievements in the state of Goa. It is affiliated with Goa University and recognized by the University Grants Commission (U.G.C.), New Delhi, under section 2(f) and 12(B) of the UGC Act, 1956.

### Please Note:

These FDP's can be considered at par with other QIP (Quality Improvement Programme) and other provisions for recognition/credits. Registration fees is refundable if the registration cancellation request is submitted before the last date of registration.

### Course Objectives:

- To equip participants with practical knowledge and hands-on experience in:
- Data-driven research approaches
- Statistical analysis using Jamovi
- Visual analytics with Tableau
- Leveraging AI tools for academic and applied research, including literature mapping, summarization, and reporting.

### Course Outcome:

- By the end of the FDP, participants will be able to:
- Understand the role and importance of data in research.
- Perform statistical analysis using Jamovi (including correlation, regression, factor analysis, reliability testing).
- Create impactful data visualizations using Tableau (dashboards, maps, filters).
- Utilize AI tools to improve research workflows such as referencing, summarization, and literature review.
- Interpret data outputs effectively for inclusion in research papers and reports.

### Pre-requisites :

- Basic understanding of research methodology.
- Familiarity with computers and Microsoft Excel.
- Interest in data analysis and visualization tools.
- No prior experience in Jamovi or Tableau is required (beginners-friendly approach is followed).

### Activities & Assignments:

Assignments will be of the following type:

- MCQ based questionnaire (Quiz) and Written Assignments
- At the end of the course "Project" will be assigned to the participants

### Guidelines of the FDP:

The participants will get two types of certificates: There will be 3 MCQ tests (online) of 10 marks each The final "Project" will be of 40 Marks Attendance will be of 30 Marks Total marks will be 100 out of which grading will be done

### Who Can Attend?

Programme is open to Faculty Members and PhD Research Scholars from Universities and Colleges. The Faculty/Staff are requested to submit the NOC from respective department before attending the session. For details of the programme and course contents etc., please log on to Electronics and ICT Academy website: <https://eict.iitg.ac.in>

### Please Note:

Registration fees includes E&ICT Academy kit bag, stationaries, 5 days lunch and high tea, evaluation, participation certificate and grade certificate. Participants have to submit UTR No. as the proof of payment while registering for the Faculty Development Programme.

### For Online Transfer

Account Name: IIT Guwahati R and D, E and ICT Academy  
Account No.: 36071160089  
IFSC Code: SBIN0014262  
Bank Name: State Bank of India



### Registration Link

<https://forms.gle/mscQo86QVR34SpyE8>

### Registration Fees:

**Rs. 1250/-** (Inclusive of GST)

Mode of Payment: Online Only (NEFT/RTGS/IMPS)

### Course Date:

**7th to 11th July, 2025**

### Last Date of Registration

01/07/2025

(Online Registration Link will be open from: 06/06/2025)

### Per Day Timing:

09:30 am to 05:30 pm

### Contact Hours for the Course:

40Hrs (Theory, Activities, Case Studies & Evaluation)