

## About Electronics & ICT Academy at PDPM IITDM Jabalpur

The Ministry of Electronics and Information Technology (MeitY), Government of India has instituted Electronics and ICT Academies in the year 2015. In the second phase, the academy at PDPM IITDM Jabalpur aims at scalable training programmes in niche areas of Electronics and ICT for the development of the required knowledge base, skills and tools to unleash the talent of the Indian population. The Academy is identified by the MeitY as a hub of activities for capacity building through training, internships, research, and consultancy programmes in fundamental and advanced topics in electronics, information and communication technologies, the Academy conducts customized academic programmes for students, corporate sectors and researchers.

## About South Asian University (SAU)

The South Asian University (SAU), established in 2010, stands as a unique international institution dedicated to fostering regional collaboration and academic excellence across South Asia. SAU embodies a shared vision of creating a Centre of Excellence with world-class education and research. Located in New Delhi, the University brings together talented students and faculty from across the region, promoting mutual understanding and intellectual exchange. With a strong emphasis on interdisciplinary learning and research-driven postgraduate programs, SAU nurtures future leaders equipped to address regional and global challenges. Its core mission lies in strengthening regional consciousness, advancing knowledge creation, and building capacity in critical areas such as science, technology, and social development.

## Faculty Development Programme Workshop on Social Network Analysis

This six-day workshop is designed to provide a comprehensive introduction to the fundamental concepts, tools, and emerging research directions in Social Network Analysis. It aims to equip participants with both theoretical understanding and practical insights into analyzing complex networked data across domains such as social media, communication systems, and information diffusion.

**Who can attend:** Suitable for faculty from colleges, universities, and technical and professional institutes can attend. Students, fresh graduates, researchers, and industry personnel working in allied disciplines can also attend.

### Important Dates:

#### Last Date of Online Registration:

15th May, 2026

#### FDP Dates:

25 -30 May, 2026

### Coordinators:

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## Faculty Development Programme Workshop on Social Network Analysis (25-30 May, 2026)

*Jointly Organized by*

**South Asian University  
(A University Established by SAARC  
Nations)**



and

**Electronics and ICT Academy  
IITDM Jabalpur**



*An Initiative of the Ministry of  
Electronics and Information Technology,  
Government of India*



## Chief Patron

Prof. K. K. Aggarwal,  
President,  
South Asian University, New Delhi

## Patrons

Prof. Pranab K. Muhuri, Vice President, SAU, New Delhi  
Prof. Pankaj Jain, Vice President, SAU, New Delhi  
Dr. Ravindra Kumar Soni, Registrar, SAU New Delhi

## WorkShop Conveners

Prof. Pranab K. Muhuri, Dean,  
Faculty of Engineering & Technology, SAU, New Delhi  
Dr. Reshma Rastogi, Associate Dean,  
Faculty of Engineering & Technology, SAU, New Delhi

## Resource Persons

- Prof. Bhaskar Biswas, IIT(BHU), Varanasi
- Prof. Muhammad Abulaish, SAU, New Delhi
- Dr. Anurag Singh, NIT Delhi
- Dr. Gyanendro Loitongbam, IIT Ropar
- Dr. Kuldeep Singh, University of Delhi, Delhi
- Dr. Avadh Kishor, IIITM, Gwalior
- Dr. Mahipal Jadeja, MNIT Jaipur
- Dr. Vishal Srivastava, MNNIT Allahabad
- Dr. Shivansh Mishra, PDPM IIITDM Jabalpur
- Dr. Samya Muhuri, Thapar University, Patiala

## Course Contents

- Network Centrality Measures
- Scalable Network Partitioning
- Link Prediction
- Learning on Networks
- Network Influence Analysis
- Information Diffusion Dynamics
- Opinion Dynamics Modelling
- From Sentiments to Emotion Dynamics
- Quantum Social Network Analysis
- Game Theory Framework for SNA

## Hands-On Sessions

- Network Centrality Measures and Application
- Scalable Network Partitioning: From Classical Algorithms to Modern Graph Intelligence
- Learning on Networks: From Convolutional Neural Networks to Graph Neural Networks
- PageRank and Network Influence Analysis
- Structure and Web Semantic-based Techniques for Social Network Mining
- Introduction to Static, Dynamic, and Community Enhanced Link Prediction
- Quantum Computing Frameworks for Social Network Analysis

**Theory and Lab:** 40 Hours

## Programme Features

- Rigorous training for theoretical and practical knowledge on social network analysis
- Opportunities to connect with experts in the field.
- Instructor-led, rigorous, hands-on sessions
- Certificate on successful completion with full access to the course material.

## Faculty Development Programme Workshop on Social Network Analysis

25th -30th May, 2026

## Registration Details

- Registration link – Please fill out registration using the following link:  
<https://forms.gle/GFTCrAgSJ8fdLkPn6>
- Registration fee: 1000/- INR for offline participation
- Last Date for Registration: 15th May, 2026
- Outstation participants will be provided accommodation on a first-come, first-served basis.

## Online Payment Details

- **Internet banking / Debit Card / Credit Card**

<https://onlinesbi.sbi.bank.in/sbicollect/icollecthome.htm?saralID=-995938795&categoryName=Workshop%20on%20Social%20Network%20Analysis>

- **QR Code:**

