

Tentative Schedule: Recent Advances in Social Network Analysis January 06-11, 2025 (Hybrid mode)

Date	January 6, 2025	January 7, 2025	January 8, 2025	January 9, 2025	January 10, 2025	January 11, 2025
Time / Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00-9:30 AM	Inaugural session					
9:30-11:30 AM	Session 1 Graph Preliminaries (Dr. Ayan Seal, PDPM IITDM Jabalpur)	Session 4 Network Growth Models and Databases (Dr. Mahipal Jadeja, MNIT Jaipur)	Session 5 Big data analytics for SNA (Dr. Ashish Kumar Tripathi, MNIT Jaipur)	Session 7 Centrality measures in social networks and their applications (Dr. Bhaskar Biswas, IIT BHU, Varanasi)	Session 10 Influence maximization in social networks (Dr. Sanjay Kumar, DTU, Delhi)	Lab 8 Hands-on: Information Diffusion and GNN (Dr. Sanjay Kumar, DTU, Delhi)
11:30-11:45 AM	Tea Break					
11:45 AM-1:15 PM	Session 2 Social Networks: Introduction and Applications (Dr. Mahipal Jadeja, MNIT Jaipur)	Lab 2 Hands-on: Network Models and Graph visualizations using real-world datasets (Dr. Mahipal Jadeja, MNIT Jaipur)	Lab 4 Hands-on: Machine Learning for SNA (Dr. Ashish Kumar Tripathi, MNIT Jaipur)	Lab 6 Hands-on: Link Prediction (Dr. Shivansh Mishra, PDPM IITDM Jabalpur)	Lab 7 Hands-on: Centrality measures Page Ranking algorithms (Dr. Avinash Chandra Pandey, PDPM IITDM Jabalpur)	Session 13 Security and Privacy issues in SNA (Dr. Akshay Pandey, PDPM IITDM Jabalpur)
1:15-2:00 PM	Lunch					
2:00-3:00 PM	Session 3 Introduction to Machine Learning Algorithms (Dr. Ashish Kumar Tripathi, MNIT Jaipur)	Session 5 Community detection in social Networks (Prof. Tanmoy Chakraborty, IIT Delhi)	Session 6 Link prediction in social networks (Dr. Mahipal Jadeja, MNIT Jaipur)	Session 8 Page Ranking using Web graph (Dr. Bhaskar Biswas, IIT BHU, Varanasi)	Session 11 Information diffusion in social networks (Dr. Sanjay Kumar, DTU, Delhi)	MCQ, Feedback, and Interaction
3:00-4:00 PM						
4:00-4:10 PM	Tea Break					
4:10-5:40 PM	Lab 1 Hands-on: Python, Introduction to NetworkX, Gephi, etc. (Dr. Avinash Chandra Pandey, PDPM IITDM Jabalpur)	Lab 3 Hands-on: Community Detection (Prof. Tanmoy Chakraborty, IIT Delhi)	Lab 5 Hands-on: Big data analytics (Dr. Ashish Kumar Tripathi, MNIT Jaipur)	Session 9 Quantum Social Network Analysis (Dr. Shivansh Mishra, PDPM IITDM Jabalpur)	Session 12 Introduction to graph neural networks techniques (Dr. Sanjay Kumar, DTU, Delhi)	