Posters on 15th January

S.No.	Presented by	Title of the Poster
1	Viney Kumar	Estimating epidemic threshold under individual vaccination behavior and adaptive social connections: A game-theoretic complex network model
2	Sarvesh Kumar Upadhyay	Complex networks and bunching of extreme events
3	Dr Ankur Kumar Jain	Rumor Diffusion Model on Social Networks with Experts Strategy & Crawley Martin Functional Response
4	Shanmuga Priya B	A network biology approach to elucidate mechanisms of disease progression by utilizing compiled databases specific to human health
5	Madhumita Mondal	Bakry–Émery–Ricci curvature: an alternative network geometry measure in the expanding toolbox of graph Ricci curvatures
6	Nikhil Chivukula	ViCEKb: Creation and network-based analysis of a curated knowledgebase on vitiligo-triggering chemicals to link exposome and health
7	Shreyes Rajan Madgaonkar	Network toxicology approach for investigation of environmental contaminants-induced toxicological effects on human and ecosystem health
8	Yash Arya	Effects of structural properties of neural networks on machine-learning performance
9	Karan Singh	Streamlined approach to mitigation of cascading failure in complex networks
10	Akash Yadav	Disparity-driven heterogeneous nucleation in finite-size adaptive networks
11	Ayushi Saxena	Effects of repulsive coupling in non-locally coupled ring of phase oscillators
12	Kiran Sharma	The Ripple Effect of Retraction on an Author's Collaboration Network
13	Sangita Dutta	Global synchrony in presence of higher order interactions

14	Shraosi Dawn	Dynamical stability of complex systems
15	Ajaya Kumar Sahoo	Investigation of plastic additives-induced toxicities by leveraging network-centric approach
16	Adithya L J	Continuous Time Quantum Walks on Complex Network Topologies
17	Gaurav Chopra	Tropical climate classification based on the Intertropical Convergence Zone dynamics from a complex networks perspective
18	Pradyumna Harlapur (Sujith)	Structural Balance of Gene Regulatory Networks: Balancing Sparsity and Coordination for Stable Phenotypic Outcomes
19	Udit Raj	Study of Higher-Order Interactions in Unweighted, Undirected Networks Using Persistent Homology
20	Dweepabiswa Bagchi	Asynchronous dynamics of ecological systems induced by higher order interactions
21	Anggy Eka Pratiwi	A Modified SIR Model for Simulating Competitive Information Diffusion in Real-World Social Network
22	Shubham Gupta	Communities in Streaming Graphs: Small Space Data Structure, Benchmark Data Generation, and Linear Algorithm
23	Abha Singh	Fitness fluctuations in the Bak-Sneppen model
24	Shruti Tandon	Emergence of order through multilayer interactions in a turbulent reacting flow
25	Nur Aziean Mohd Irdis	Epidemic Modelling on Contiguous District Networks in Peninsular Malaysia
26	Nurul Zahirah Abd Rahim	Mapping Learning Dynamics: A Study of Friendship and Peer Tutor Networks using SNA and TDA in Malaysian Higher Education
27	Dishant Sisodia	Dynamical analysis of a parameter-aware reservoir computer
28	Abhishek Sharma	Synchronization transitions in adaptive Kuramoto-Sakaguchi oscillators with higher-order interactions
29	Priyanka Rajwani	Stochastic Kuramoto oscillators with inertia and higher-order interactions

Posters on 16th January

S.No.	Presented by	Title of the Poster
1	Sangita Dutta	Global synchrony in presence of higher order interactions
2	Prateek Yadav	Classification of brain networks of Caenorhabditis elegans into different life stages using supervised machine learning
3	Imran Ansari	Detection of Core-Periphery Structure in Networks Using Ant Colony Optimization
4	Palash Kumar Pal	Global synchronization in generalized multilayer higher-order networks
5	Shraban Kumar Chatterjee	A Generalized Network Model for Complex Graph-Data
6	Rakshita Sharma	Effect of Phase lag parameter on the Swarmalator dynamics
7	Mohammed Mujahid M	Spatiotemporal dynamics of deep convective clouds across a wide range of scales using multiresolution analysis
8	Atiyab Zafar	Rising inequality signals collapse in a network based model of complex adaptive systems
9	Jayendrajyoti Kundu	A multidimensional systems biology approaches on Mtb-host interactions reveals potential regulators for host metabolic reprogramming
10	Swapnil Mane	Forecasting User Aggressive Behavior in Online Social Networks
11	Kumar Sourav	Collective rotation-flips in directed ring of non-isochronous Stuart-Landau oscillators
12	Tapas Kumar Pal	Extreme events in a coupled chaotic non-identical oscillators
13	Rini T Paul	Overlapping community detection in bipartite networks
14	Rahul Chhimpa	Avalanche event in number theoretic division model
15	Kaustav Mehta	Exploring Comorbidity Networks in Mild Traumatic Brain Injury Subjects through Graph Theory: A Traumatic Brain Injury Model Systems Study

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16	Devvrat Pandey	Computational Analysis of Transcriptomic data reveals factors associated with prognosis and treatment in Pancreatic Ductal Adenocarcinoma
17	Praveenkumar Venkatesan	Time-varying network captures emerging phenomena prior to the Kerala floods in 2018 and 2019
18	Pritam Kundu	Genome-scale community modeling for deciphering the metabolic synergisms in termite gut microbiota
19	Vaibhav Anand	A Multi-Level Boolean Formalism
20	Adithya A	Study of El Niño Southern Oscillations using recharge-discharge model and machine learning approach
21	Kushal Haldar	Comparing the dynamics of binary-fate and multi-fate team-based regulatory networks in cellular decision making
22	Mr. Sunil Kumar Meena	Breaking Down the Quantum Circuit for Influence Maximization
23	Roi Alfassi	Semantics of creativity: identifying LLM-authored fanfiction stories with Latent Personal Analysis
24	Poulomi Chatterjee	Comparing molecular changes among breast cancer subtypes through network-based approach
25	Devanshi Chhatbar	Topology aware Optimization of Encrypted Gradient Aggregation in Differentially Private Federated Learning via Broadcast Encryption for Enhanced Security in Multi-Party Network Transmission
26	Asutosh Anand Singh	Synchronization Analysis in Kuramoto Oscillator System in the Presence of Phase Lag and Noise
27	Yuvrajsingh Pravinsingh Patil	Dynamic stability of complex systems using Gershgorin disc theorem
28	Hirdesh Kumar Pharasi	Spectral and network analysis of the financial markets
29	Richita Ghosh	Chimeric states induced by higher-order interactions in coupled prey–predator systems
30	Jisha Mariyam John	Impact of weight thresholding on the robustness of complex networks to central node attack strategies

Posters on 17th January

S.No.	Presented by	Title of the Poster
1	Md Sayeed Anwar	Synchronization in adaptive higher-order networks
2	Rishi Ranjan Singh	Deep Learning based Link Prediction for Minimizing Maximum Betweenness of Networks
3	Komal Chawla	Heterogeneity induced control of chaotic systems
4	Divyanshi Kanwar	Identification of Depression Markers in the resting state by Functional Brain Networks
5	Rasha Shanaz	Ethics In Rotten Apples: A Network Epidemiology Approach For Active Cyber Defense
6	Emma Towlson	Rich club prominence as a novel early biomarker of cognitive decline
7	Jerry Jones David	Functional hyper-graphs of stock markets
8	Adithya L J	Continuous Time Quantum Walks on Complex Network Topologies
9	Kirtidev Mohapatra	Fairness-aware Analysis of Centrality Measures in Social Networks
10	Masoom Bhargava	Spatiotemporal Dynamics And Bifurcation Analysis On Network And Non-Network Environments Of Dangerous Prey And Predator Model
11	Dr. Gaurav Chauhan	Gene expression noise due to phase separation of transcription factors
12	Akrati Saxena	Fairness Metrics for Community Detection Methods in Social Networks
13	Tamanna I. Urmi	Evaluating Sparsification Algorithms for Gene Regulatory Networks: Effective Resistance, Random, K-Neighbor, and Forest Fire Approaches
14	Dr. Amit Sharma	Aging in Weighted Ensemble of Excitable and Self-oscillatory Neurons: The role of Pairwise and Higher-order Interactions
15	Ranjib Banerjee	Pattern formation in a two-compartment rumor model under dispersion

16	Shovan Dutta	Frustrated Quantum Magnetism on Complex Networks: What Sets the Total Spin
17	Aswin Balaji	Identifying dynamical transitions and temporal structure of complex systems dynamics
18	Nidhi Dilip Sonwane	Universality in the self-similar hierarchical organization of real-world networks
19	Moturi Pradeep	Black Swan Events on Ethereum Blockchain Transaction Networks
20	Rahul Kumar Singh	Evolution of Social Networks in Kanzara Village: Changing Patterns of Social, Informational, Agricultural and Financial Interactions
21	Madhvi Ramrakhiyani	Farthest-First Traversal For Identifying Multiple Influential Spreaders
22	Swati Chauhan	Machine Learning for Phase Ordering Dynamics
23	Swapnil Mane	Aggression Breeds Aggression: The Impact of Aggressive Feeds on User Behavior on Social Media Network
24	Vishnu A M	Modelling protein complexes as multilayer networks
25	Dr. Priodyuti Pradhan	Information Localization in Complex Networks
26	Robert Rai	Compartmental Framework for Prebunking Misinformation
27	Anupama Roy	Mitigation and Enhancement of Neuronal Extreme Events:Impact of coupling and random links
28	Thamizharasan S	Collective dynamical states in adaptively coupled identical phase oscillators
29	Subhosanket Dutta	Dynamical phase transitions in post-ictal generalized EEG suppression