

	08-Dec-25		09-Dec-25		10-Dec-25
Time	Day 1		Day 2		Day 3
08:15-9:15	Breakfast (Core 5 parking area)		Breakfast (Core 5 parking area)		Breakfast (Core 5 parking area)
08:30 - 9.15	Registration (Adjacent to 5G2)		Registration (Adjacent to 5G2)		Registration (Adjacent to 5G2)
09:15-10:00			Generative Adversarial Network (GAN): An efficient tool for data generation and data completion by Prof. Prabir Kumar Biswas (Online) Session chair: Prof. Suresh Sundaram	Beyond Bias and Basic Prompts: Enabling Comprehensive and Granular Control in Diffusion Models by Prof. Venkatesh Babu Radhakrishnan (Online) Session chair: Prof. Prashant W. Patil	Artificial Intelligence Based Solutions for Precise Medical Diagnostics and Treatment Planning by Prof. Tanmay Basu (5003) Session chair: Prof. S Kanagraj
10:00-10:30	Tea Break + Networking + Photo Session (Core 5 parking area)			Toward Behaviorally-Intelligent Robots: Navigation in Unstructured and Human-Centered Environments by Prof. Aniket Bera (5004) Session chair: Prof. Ratnajit Bhattacharjee	Artificial Intelligence for Wireless Communication: An Overview by Prof. Ratnajit Bhattacharjee (5004) Session chair:
10:30-11:15	Model Based, Explainable Deep Learning Via Algorithm Unrolling by Prof. Vishal Monga (5003) Session chair: Prof. Prashant W. Patil	Deep learning approaches for seismic analysis and velocity inversion by Prof. Santanu Manna (5004) Session chair: Prof. Teena Sharma	Tea Break + Networking (Core 5 parking area)		
11:15-12:00	Sharpness-Aware Learning: From Probabilistic Circuits to Learned Optimizers by Prof. Narayanan C Krishnan (Online) Session chair: Prof. Amulya Kumar Mahto	Data assimilation: where data science meets dynamical systems by Prof. Amit Apte (5004) Session chair: Prof. Amulya Kumar Mahto	Panel Disussion: AI for Engineering Applications (5G1) Panel members: Prof. Ananth Grama, Prof. Girish Sampath Setlur, Prof. Vijaya Saradhi Moderator: Prof. Ratnajit Bhattacharjee		Panel Discussion: AI for Biomedical Applications (5G1) Panel members: Prof. Shankar Subramaniam, Prof. Devavrat Shah, Prof. Tanmay Basu Moderator: Prof. Biplab Bose
12:00-12:45	Industry talk - Current trends in AI/ ML by Dr. Sri Vallabha Deevi (5003) Session chair: Prof. Neeraj Kumar Sharma		Industry Talks - AI in Healthcare Information Management Systems by Dr. Aravind Ganapathiraju (5003) Session chair: Prof. Neeraj Kumar Sharma	Heads' Meeting (R&D conference room)	Valedictory + Closing (5G2)
12:45-14:00	Lunch Break + Industry Stalls (Core 5 parking area)				Lunch + Networking (Core 5 parking area)
14:00-14:45	Physics informed machine learning for solving and discovering PDES by Prof. Sanjeev Kumar (Online) Session chair: Prof. Girish Sampath Setlur	Deep Reinforcement Learning for Single and Multi-Vehicle Routing Problems by Prof. Sudeshna Sarkar (5004) Session chair: Prof. Ratnajit Bhattacharjee	New Frontiers in AI and Biomedicine by Prof. Shankar Subramaniam (Online) Session chair: Prof. Teena Sharma	The Curious Case of AI in the Legal Domain by Prof. Kripabandhu Ghosh (5004) Session chair: Prof. Siddhartha Pratim Chakrabarty	
14:45-15:30	Thinking quantum mechanically: For machines and humans by Prof. Anil Shaji (5003) Session chair: Prof. Girish Sampath Setlur	Transforming the Underwater Scenerio: Wavelet, Fourier, and Phase-based Attention Models for Next Generation Image Restoration by Prof. Santosh K. Vipparthi (Online) Session chair: Prof. Prashant W. Patil	AI-in-the-loop for informed healthcare by Prof. Sriram Natarajan (Online) Session chair: Prof. Teena Sharma	Cyber Security Considerations of AI and AI for Cyber Security by Prof. Sandeep K. Shukla (Online) Session chair: Prof. Siddhartha Pratim Chakrabarty	
15:30-16:15	Inauguration (5G2)		Fundamental Limits of Learning Non-Hallucinating Generative Models by Prof. Ananth Grama (5003) Session chair: Prof. Suresh Sundaram	Machine Learning for Cryptanalysis by Ms. Shruti Rawal (5004) Session chair: Prof. Chiranjib Sur	
16:15-16:45	Tea Break + Networking (Core 5 parking area)				
16:45-18:00	Poster Presentation (Core 5 ground floor: corridor & foyer)		Flash Talks (5003)		
19:00 onwards	Dinner + Networking (Core 5 parking area)		Cultural program + Gala Dinner (B type community hall)		