



RESEARCH DAY 2024

Department of Computer Science and Engineering



Variability and Reliability in Brain Networks

Prof Nitin Gupta

Dept of BSBE, IIT Kanpur

Venue: RM101, Rajeev Motwani Building

Time: 10:00 AM

Invited Lecture

07
APR
SUNDAY

25+ Research Presentations

Time: 10:45 AM

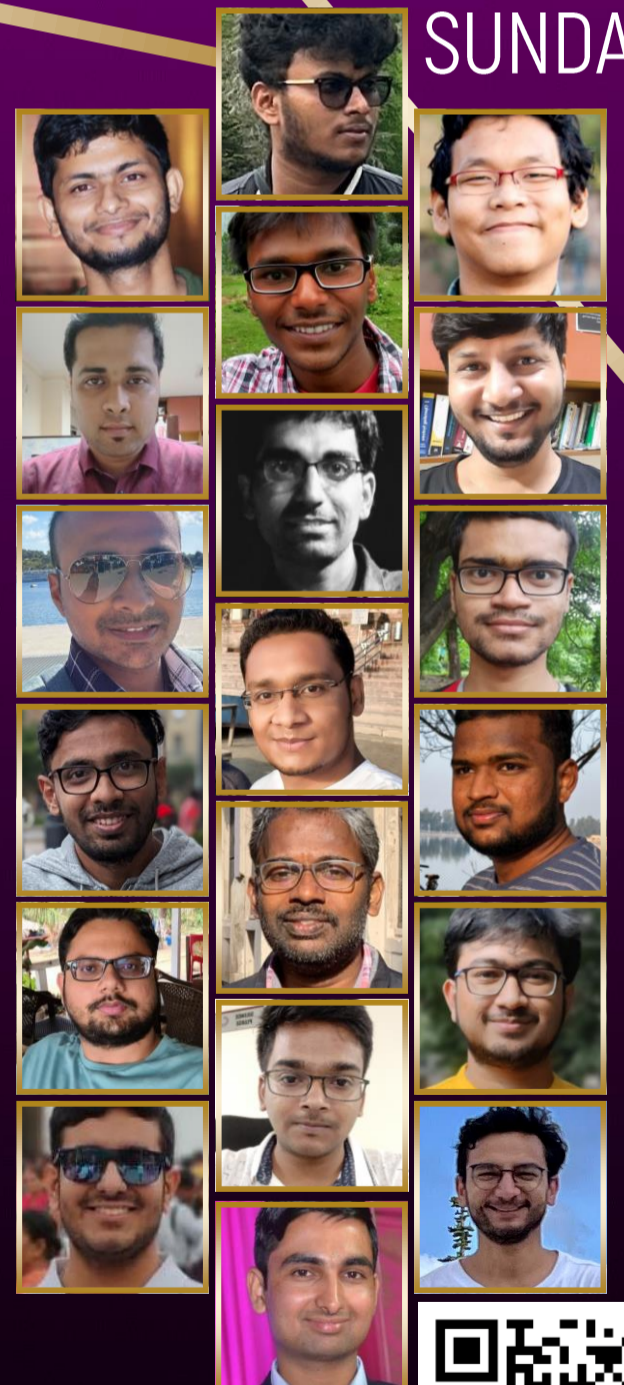
Venue: RM101 Foyer

Cybersecurity and Cyber-physical Systems: Logic Locking, Privacy Preservation, Post-Quantum Cryptography, Machine Learning Attacks, Leak-resilient Strong PUFs, Camouflaged Computing, Fully Homomorphic Encryption

Theoretical Computer Science: Post-quantum Signatures, Sensitivity Oracles, Circuit Factorization,

Computer Systems: Program Stack Persistence, Container Live Migration

AI and Machine Learning: Deep Reinforcement Learning, Automated Cognate Detection, Human-like Game Playing, Lifelong Adaptation, Fairness, Causal Commonsense Reasoning, NLP for Schizophrenia, Emotion Recognition, Embodied AI, LLMs for Legal, Clinical Apps, Sign Language



Abstracts: <https://kendra.cse.iitk.ac.in/www/doc/rd24.pdf>