

# Securing the Future: AI, Privacy, and Zero-Touch Networks



YEARS OF  
IIT ROORKEE  
Estd. 1847

Department of CSE, IIT Roorkee

5-11 August 2014



Scheme for Promotion of Academic and Research Collaboration



**Prof. Madhusanka Liyanage**

**Topic: Building Resilient 6G Networks: Comprehensive Security and Privacy Approaches**



**Prof. An Braeken**

**Topic: Security and Privacy Issues in 5G Communications**



**Prof. Niloy Ganguly**

**Topic: The Power of Pretraining**



**Prof. Bibhas Adhikari**

**Topic: Quantum Computing and the Future of AI**



**Ashish Kurmi & Varun Sharma**

**Topic: Workload Protection for Continuous Integration (CI) / Continuous Delivery (CD Pipelines with StepSecurity)**



**Prof. Divya Sharma**

**Topic: Application of Deep Learning Methodologies for Gaining Insights from Healthcare Data**



**Prof. Manoj Misra**

**Topic: Authentication**



**Prof. Pradumn Kumar Pandey**

**Topic: Secure Innovations: Exploring Data Synthesis and Cryptography**



**Prof. Neetesh Kumar**

**Topic: An Understanding and Concepts of Software-Defined Networking (SDN)**



**Prof. Gaurav Varshney**

**Topic: Browser Extensions - From a Privacy perspective**



**Prof. Akrati Saxena**

**Topic: Algorithmic Fairness in Link Prediction**



**Dr. Awaneesh Kumar Yadav**

**Topic: Future-Proofing Authentication: Security Protocol Validation for 5G and 6G Networks.**

# WORKSHOP SCHEDULE



5-11 August

(Website Link)

MON

05-08-2024

9:00 - 10:00 AM	Talk by Prof. Niloy Ganguly
10:00 - 11:00 AM	Inauguration
11:00 - 12:00 PM	High Tea & Registration
12:00 - 2:00 PM	Lunch
3:00 - 5:00 PM	Lab Session (Pradumn & Ravi & Aikta & Vaishali)

TUE

06-08-2024

9:00 - 10:00 AM	Talk by Prof. Madhusanka Liyanage
10:00 - 11:00 AM	Talk by Prof. Madhusanka Liyanage
11:00 - 12:00 PM	Talk by Prof. Madhusanka Liyanage
12:00 - 2:00 PM	Lunch
3:00 - 5:00 PM	Lab Session (Pradumn & Ravi & Aikta & Vaishali)

WED

07-08-2024

9:00 - 10:00 AM	Talk by Prof. Gaurav Varshney
10:00 - 11:00 AM	Talk by Prof. Neetesh Kumar
11:00 - 12:00 PM	Talk by Prof. Pradumn Kumar Pandey
12:00 - 2:00 PM	Lunch
3:00 - 5:00 PM	Lab Session (Pradumn & Ravi & Aikta & Vaishali)

THU

08-08-2024

9:00 - 10:00 AM	Talk by Prof. Bibhas Adhikari
10:00 - 11:00 AM	Talk by Prof. Akrati Saxena / Prof. Pradumn Kumar Pandey
11:00 - 12:00 PM	Talk by Prof. Manoj Misra
12:00 - 2:00 PM	Lunch
3:00 - 5:00 PM	Lab Session (Pradumn & Ravi & Aikta & Vaishali)

FRI

09-08-2024

9:00 - 10:00 AM	Talk by Prof. Pradumn Kumar Pandey
10:00 - 11:00 AM	Talk by Prof. Pradumn Kumar Pandey
11:00 - 12:00 PM	Talk Prof. Divya Sharma
12:00 - 2:00 PM	Lunch
3:00 - 5:00 PM	Lab Session (Pradumn & Ravi & Aikta & Vaishali)

SAT

10-08-2024

9:00 - 10:00 AM	Talk by Prof. An Braeken
10:00 - 11:00 AM	Talk by Ashish Kurmi & Varun Sharma
11:00 - 12:00 PM	Talk by Prof. Pradumn Kumar Pandey
12:00 - 2:00 PM	Lunch
3:00 - 5:00 PM	Lab Session (Dr. Awaneesh & Ravi & Aikta & Vaishali)

SUN

11-08-2024

10:00 - 11:00 AM	Talk by Prof. Pradumn Kumar Pandey
11:00 - 12:00 PM	Prof. Pradumn Kumar Pandey (Closing Ceremony)