

Eminent Resource Persons



Dr. Maanak Gupta

Associate Professor, Dept. of CS
Director ABCyS Lab,
Tennessee Tech University, USA



Dr. Manish Gupta

Senior Director,
Google DeepMind



Mrs. Anupma Raj,

AI Sales Director,
Microsoft, Europe.



Dr. Anand Handa

SVP DFIR, C3iHub



Dr. Karthik Vaidhyanathan,

Asst. Prof.,
Software Engineering
Research Center, IIIT
Hyderabad



Mr. Tushar Makkar,

Co-Founder, Stealth
Startup, Bangalore



Mr. Gopal Jee Mishra,

Cybersecurity Expert,
Siemens



Dr. Ayush Sinha

Research Scientist
C3iHub, IIT Kanpur

Accommodation

A limited number of rooms in NITK Guest houses and Hostels are available on a nominal chargeable basis with an advance request subjected to availability and on a First-Come, First-Served basis. If unavailable, the participants need to make self arrangements for their stay outside the NITK premises.

Venue

Department of Computer Science and Engineering
National Institute of Technology Karnataka
Surathkal, Mangaluru- 575 025, Karnataka, India

Address for Correspondence

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Registration

To register, please scan the QR code or click the link provided below.

QR code scanner or Form Link :



<https://forms.gle/WtQLkJSAtY9YAgy9>

The confirmation would be sent through email.



Five Days Workshop on “AI-Driven Secure Critical Infrastructure” (7th July 2025 – 11th July 2025)



Workshop Coordinators

Dr. Mahendra Pratap Singh, Dept of CSE

Prof. Alwyn R Pais, Dept. of CSE

Prof. P. Santhi Thilagam, Dept. of CSE

Dr. Shyam Lal, Dept. of ECE

National Institute of Technology Karnataka
Surathkal, Mangaluru - 575025, India

Organised by

Department of Computer Science & Engg.
National Institute of Technology Karnataka
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About NITK Surathkal

National Institute of Technology Karnataka, Surathkal has established itself as one of the top technological institutions in India & is declared as an Institute of National Importance under the NIT Act 2007. Since its inception in 1960 as the Karnataka Regional Engineering College (KREC), the institute is considered as a premier center engaged in imparting quality Technological education and providing support to research and development activities.

About CSE Department

Department of Computer Science and Engineering, established in the year 1986, has a strong International reputation for its excellence in education and research. It has a rich history and an outstanding record of contributions to the ever-growing field of Computer Science & Engineering. The Department offers B.Tech, M.Tech, M.Tech (By Research), and Ph.D. in Computer Science & Engineering discipline. The Department has also established a Cyber Security research and ISEA Lab, from various R&D funding received from various Government agencies. The programs offered by the department are also accredited by the NBA.



How to reach NITK Surathkal

NITK is located in Surathkal on the scenic shores of the Arabian Sea, about 20km north of the city of Mangaluru, and is well connected by Air, Rail, and Road. The nearest domestic/international airport is situated at Bajpe (about 18 km from NITK), and the nearest railway station is Surathkal (3 km). The NITK Campus is situated right on National Highway NH66 with very good bus connectivity from Mangaluru, Udupi, etc.

About CSRL

At the forefront of securing digital ecosystems, the Cyber Security Research Lab at NITK is dedicated to innovation, research, and knowledge in cyber security. We tackle challenges in areas like network security, blockchain, IoT, 5G security, and digital forensics, leveraging cutting-edge technology and collaborative expertise. With a focus on academic excellence and real-world impact, our lab serves as a platform for developing robust solutions to evolving cyber threats, fostering talent, and driving advancements in a rapidly changing digital landscape.

Visit us on : <https://csrl.nitk.ac.in/>

Objective of the Workshop

This workshop aims to equip participants with a comprehensive understanding of how Artificial Intelligence (AI) can be strategically applied to enhance the security, resilience, and operational efficiency of critical infrastructure systems. Through expert-led sessions, real-world case studies, and hands-on demonstrations, the program will explore AI-enabled solutions for threat detection, predictive maintenance, secure system integration, and governance. The objective is to foster cross-domain knowledge and empower professionals to develop intelligent, adaptive, and secure infrastructure across sectors like energy, healthcare, transportation, smart city, defense, etc.

Mode of Workshop

The workshop is organised in a hybrid (online/offline) mode; however, preference will be given to offline (in-person) participants.

Eligibility

This workshop is open to industry professionals, faculty members, and undergraduate, postgraduate, and Ph.D students from approved technical Institutions.

Resource Persons

Experts from industry, academia, and R&D organizations, including IITs, NITs, Tennessee Tech and C3iHub will deliver expert talks highlighting the importance of AI-driven security in critical infrastructure, covering applications, research challenges, and hands-on sessions.

Sponsored by



C3iHub, IIT Kanpur

**ISEA Project Phase III
Ministry of Electronics and
Information Technology**

Important Dates

Last Date for Registration: 30th June 2025

Intimation of Selection by email: 2nd July 2025

Registration fees

Indian Participants from Academic Institutes: ₹ 3540*

Indian Industry Participants: ₹ 7080*

NITK Student Participants: ₹ 1180*

IEEE Student Members: ₹ 1180*

Other Student Participants: ₹ 2360*

*Including 18% GST.

Note :

- The registration fee includes course materials.
- Accommodation charges are separate and not included in the registration fee.