IIT KANPUR
Indian Institute of Technology, Kanpur

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

talent sprint

Become a Cyber Security Expert

Win the Cyber War

Advanced Certification Program in Cyber Security and Cyber Defense

C3i Center

Build world-class expertise in Cyber Security.

The Advanced Certification Program in Cyber Security and Cyber Defense by IIT Kanpur, in association with TalentSprint, is designed for current and aspiring professionals who are keen to explore and exploit the latest trends in Cyber Security Technologies. A combination of deep academic rigor and intense practical approach will allow participants to master in-demand skills and build world class expertise.

C3i Advantage
Experience C3i, India's leading Cyber Security research center at IIT Kanpur

Master Mentors
Learn from experts globally recognized for contribution to Cyber Security and Cyber Defense

Experiential Learning
Master state-of- art skills by combining deep formal rigor and intense practical approach

Global Certification
Get certified by IIT Kanpur, a global trailblazer in Computer Science Research and Education

Peer Networking
Join the elite community of top Cyber Security professionals, practitioners and researchers

50 SEATS ONLY

IIT Kanpur, global trailblazer in Computer Science Research and Education

IIT Kanpur, established in 1959, is one of the premier institutions in Computer Science education and research with an aim to provide leadership in technological innovation.

As the technology innovation hub will enable us to hire more researchers, engineers, faculty, postdoctoral fellows, visiting faculty – we believe further such programs targeted not only for executives in IT companies, but also utility engineers, and government/defense sector can be launched.

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- ✅ Ranked among top engineering colleges by NIRF 2019.

- ✅ Hosts C3i - India's leading Research Centre in Cyber Security of Cyber Physical Systems

- ✅ Collaborates with global centers of excellence (Israel and USA) in Cyber Security

- ✅ Built on World-class Academic Research Culture

Experts at the cutting-edge of Cyber Security research

Dr. Sandeep Shukla
Professor

Dr. Shukla is an IEEE Fellow, ACM distinguished scientist and Subject Matter Expert in Cyber Security of cyber- physical systems and Block-chain Technology. He currently heads the Computer Science and Engineering Depart-ment at IIT Kanpur. A recipient of various prestigious honours, he serves as a joint-coor-dinator for the C3I Center and the National Blockchain Project at IIT Kanpur

Dr. Manindra Agrawal
Professor

Dr. Agrawal is a Professor at the Department of Computer Science and Engineering and the Deputy Director of IIT Kanpur.. A Padma Shri (2013) awardee, he was chosen for the first Infosys Mathematics Prize for outstanding contributions in the broad field of mathematics in 2008. He co-created the AKS primality test, for which he and his co- authors won the 2006 Fulkerson Prize and the 2006 Gödel Prize.

Rohit Negi
Instructor

Rohit is the Lead Engineer and Security Architect and Security Operations Lead at C3i. An ICS security researcher and expert with 7+ years of experience specializing in Cyber De-fense of industrial automation and operational technologies, he has published several papers in International conferences on Cyber Security of Industrial Cyber-Physical Systems.

Anand Handa
Instructor

Anand is the Project Executive Officer in C3i . His focus areas include malware analysis, memory forensics, and intrusion detection systems. His role at C3i involves working on projects having malware analysis and IDS as a significant component. He has published research work at multiple International confer-ences.

Format

- 6-month hands-on program
- 2 immersion bootcamps at IIT Kanpur
- Weekly interactive online sessions

Curriculum

- Shock and Awe
- Access Control
- Data Security
- Vulnerability Assessment and Penetration Testing
- Intrusion Detection System
- Honeypot
- Software Diagnosis
- Capstone Projects