Become a Cyber Security Expert

Win the Cyber War

Advanced Certification Program in Cyber Security and Cyber Defense

Cohort starts in February 2020
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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

APPLY FOR FEBRUARY 2020 COHORT

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.

The institute took its pioneering steps towards Cyber Security by setting up C3i (Interdisciplinary Centre for Cyber Security and Cyber Defense of Critical Infrastructures). The C3i is now on its way to create India’s first research centre whose mission is to research, educate, train and also spawn startups to create technological safeguards to protect critical infrastructure. The center is also engaged with International partners from Israel, and the USA to develop a world-class research in the field of Cyber Security.

- Ranked among top engineering colleges by NIRF 2019
- Hosts C3i - India’s leading Research Centre in Cyber Security for critical infrastructure
- 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 Blockchain Technology. He currently heads the Computer Science and Engineering Department at IIT Kanpur. A recipient of various prestigious honours, he serves as a joint-coordinator 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 CyberDefense 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 conferences.
Curriculum

Format

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

Curriculum

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

Hybrid Delivery

2 IIT Kanpur Campus Visits
Program Opening Visit: Feb 10-12, 2020
Program Closure Visit: July 24-26, 2020

IIT Kanpur, Kalyanpur Kanpur –208 016

Weekly Online Sessions

- Saturdays (10 am - 12 noon)
- Sundays (10 am - 12 noon)

- Interactive Sessions
- Weekend Schedule
- Direct to Device
Outcomes

Build
Build expertise in Cyber Security and CyberDefense

Learn
Learn from world-class faculty of IIT Kanpur

Certificate
Get IIT Kanpur Certification

Network
Network and collaborate with Cyber Security Experts

Become a Cyber Security Expert

Eligibility

Who should join

Ideal Profile

Current and aspiring Cyber Security professionals across India and abroad

Graduate Engineers with relevant background and 1+ years experience

Tech professionals seeking a role change or career advancement

Diploma Engineers with relevant background and 3+ years experience

Application and Enrollment

Submit profile

Await selection

Complete Enrollment

Fee

Early Bird Program Fee: ₹268,000 + GST

Interest free EMI options available
Contact

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TalentSprint
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