

CERTIFIED CYBER WARRIOR

v 4.0

LEARN FROM EXPERIENCED INDUSTRY EXPERTS WITH
'LIVE' CASE STUDIES IN CYBER SECURITY AND BEST
ACADEMICIANS FROM **IIT MADRAS**, SUPPORTED BY
SUBJECT MATTER EXPERTS FROM IISC BANGALORE, IIIT
BANGALORE AND IIIT D&M KANCHIPURAM.



NEXT BATCH STARTS IN NOVEMBER 2025



IMMERSIVE BOOTCAMP AT THE LUSCIOUS CAMPUS OF IIT MADRAS.



OUR STUDENTS HAVE BEEN PLACED AT



ABOUT US



IITM PRAVARTAK Foundation is a Section 8 Company that is committed to transforming the frontiers of knowledge. IITM PRAVARTAK is the innovation hub of **The Indian Institute of Technology Madras(IITM)**. Its startup ecosystem is a nurturing space for brilliant professionals, innovative entrepreneurs, curious young talent, and inquisitive students. IITM PRAVARTAK also houses the Technology Innovation Hub on Sensors, Networking, Actuators, and Control Systems (SNACS). The Foundation has world-class infrastructure, equipment, and experienced mentors for technology-hungry minds.



FISST ACADEMY Forensics Intelligence Surveillance and Security Technologies (FISST) as the name suggests, works on the entire stack of Security Technologies starting from Sensors / Capturing devices to Surveillance to Intelligence Forensics, both Physical and Cyber technologies space.

Our faculty are industry experts with an added experience of 300+ years in cyber security. Our faculty include professors from IIT Madras, supported by Subject Matter Experts from IISc Bangalore, IIIT Bangalore and IIIT D&M Kanchipuram.

ABOUT DIGITAL SKILLS ACADEMY

Digital Skills Academy (DSA) is an initiative of NASSCOM, an apex body and IIT-Madras to deliver structured IT-ITeS skill programs through online and classroom training. DSA has many programs listed in their website that poses direct development to support IT & ITeS requirements of the \$154 billion dollar IT BPM industry in India. Certified Cyber Warrior (CCW) is one of the exclusive programs from DSA to spread the need of Cyber Security and address the market requirements.

ELIGIBILITY

For Indian Participants - A pass in high school from a recognized board in India(10+2).
For International Participants - Equivalent high school certificate or diploma.

PRE REQUISITES

Basic understanding of technology, networks and security, while not mandatory, will be an added advantage.

COURSE OBJECTIVES

It is comprehensive course to learn the most effective steps to prevent attacks and detect adversaries with actionable techniques that one can directly apply when they get back to work. As Certified Cyber Warrior, the participant will learn tips and tricks from the best of the experts from a mix of industry & academia, so that they can win the battle against the wide range of cyber adversaries that want to harm the enterprises' IT environment.

Topics of Certified Cyber Warrior V4.0

Introduction Sessions Technical Introduction



PROGRAM OBJECTIVE

Certified Cyber Warrior is a comprehensive course to learn the most effective steps to prevent attacks and detect adversaries with actionable techniques that one can directly apply when they get back to work.

As Certified Cyber Warrior, the participant will learn tips and tricks from the best of the experts from a mix of industry & academia, so that they can win the battle against the wide range of cyber adversaries that want to harm the enterprises IT environment.

The trained employees of any organization will be able to implement the best security practices and tools to Assess, Predict, Detect and Protect against any Cyber Threats with 90 plus tools learnt from the course.



CERTIFICATE OF COMPLETION FROM IITM PRAVARTAK

Technology Innovation Hub of IIT Madras focussing on research, entrepreneurship & innovation

LIVE & INTERACTIVE ONLINE CLASSES

Learn from anywhere without leaving your job



GROWING DEMAND FOR CYBER SECURITY PROFESSIONALS IN THE JOB MARKET

According to NASSCOM, the estimated demand for security workforce to rise globally to six million by 2020

CERTIFICATE DISTRIBUTION CEREMONY AT IIT MADRAS

3 Day Bootcamp with lab session and tools on Cyber Threats -Boot Camp is mandatory for Course Completion (Note : Expenses of accommodation and travel are to be borne by the participants)



GET EXPOSURE TO CONTEMPORARY & SOUGHT AFTER TOPICS

Cyber Insurance, Blockchain, Cryptocurrencies

GAIN COMPREHENSIVE UNDERSTAND OF APPLICABLE CYBER LAWS

Cyber law has emerged as a demanding career field with digital ecosystem thriving in india



WHAT IS CYBER SPHERE ?

"Cyber Sphere" is the first of its kind cyber range to create dynamic traffic environment for real-world breach scenario creation towards simulating a full-fledged attack environment

"Cyber Sphere" has the ability to help a user become knowledgeable about attacks, threats, and vulnerabilities of any system in the world.

"Cyber Sphere" is continuously tested & regularly upgraded with latest attacks and simulations and has been deployed for practitioner training across leading companies in the IT and E-Learning sectors.

1

Learn to attack and defend yourself against cyber threats

6

Offers a unique 360* threat perspective about 100+ different cyber threats

2

Hands-on skilling to conduct exploits within a safe and ethical virtual environment

7

Ability to practice upto 90+ different tools in offensive security, cryptography, digital forensic, network security, etc.

3

Self paced learning to practice tools at your own convenience

8

Helps gain insights into the hackers minds as you can practice tools related to deep web and the dark web

4

Continuously updated incident based learning platform to keep up with latest threats

9

Only requirements are a laptop and steady and speedy wifi connection to practice on Cyber Sphere

5

Completely cloud based setup with pre installed tools, so no additional investment required

10

Ability to explore and understand malware analysis and related tools

KEY TAKEAWAYS

- 1 IITM PRAVARTAK Certification
- 2 Hands on experience with more than 90+ Tools
- 3 30 Practical Hours With Solutions on Cyber Sphere
- 4 23 Hours of Bootcamp at IIT Madras
- 5 360* exposure to risks, compliances and thought process
- 6 Complete guidance in cyber laws
- 7 SOC Management Training
- 8 Incident training on Cyber Sphere based on real life examples
- 9 Ability to determine threats and understand hackers mind
- 10 Access to the best educators and practitioners of cyber security
- 11 Readiness for cyber security roles with practical knowledge
- 12 Industry recognized certification that helps in career development
- 13 Ongoing support through online modules, doubt resolution and regular industry updates post-course completion

WHO CAN ATTEND?



STUDENTS



TEACHERS



LAWYERS



SOFTWARE
PROFESSIONALS



BUSINESS
ANALYSTS



BUSINESS
OWNERS



ENGINEERS



IT PROFESSIONALS



CHARTERED
ACCOUNTANTS



ADMINISTRATORS
& MANAGERS

Anyone who
wants to
**start a
career in
cyber
security**



DR. V. KAMAKOTI

Director - IIT Madras

PROGRAM ADVISOR

Professor Veezhinathan Kamakoti is a well-known academician, computer scientist who is advising the Government of India on various IT policies and R&D programmes of MeitY. He is the **Director of Indian Institute of Technology Madras (IITM) - Ranked India's No.1 for 10 consecutive years**. He is also a member of the National Security Advisory Board (NSAB), Government of India. His research interests include VLSI design, computer architecture, and embedded systems. He has published over 200 papers in international journals and conferences. He is a recipient of several awards, including the Abdul Kalam Technology Innovation National Fellowship, the IESA Techno Visionary Award, and the IBM Faculty Award.

PROGRAMME COORDINATOR

Prof. K Mangala Sunder is a Professor in the Chemistry Department at the Indian Institute of Technology Madras. He received his Ph.D in theoretical chemistry from McGill University in Montreal, Canada in 1988. His research interests include theoretical molecular and magnetic resonance spectroscopies, quantum chemistry and quantum information. He is also a programme coordinator for the Digital Skills Academy at IIT Madras, which is a joint initiative of the institute and IITM Pravartak Technologies Foundation.



**PROFESSOR
K. MANGALA SUNDER**

IIT MADRAS HEAD, DIGITAL SKILLS
ACADEMY

FACULTY



DR. Noor Mohammad S.K
IIT D&M - Kanchipuram

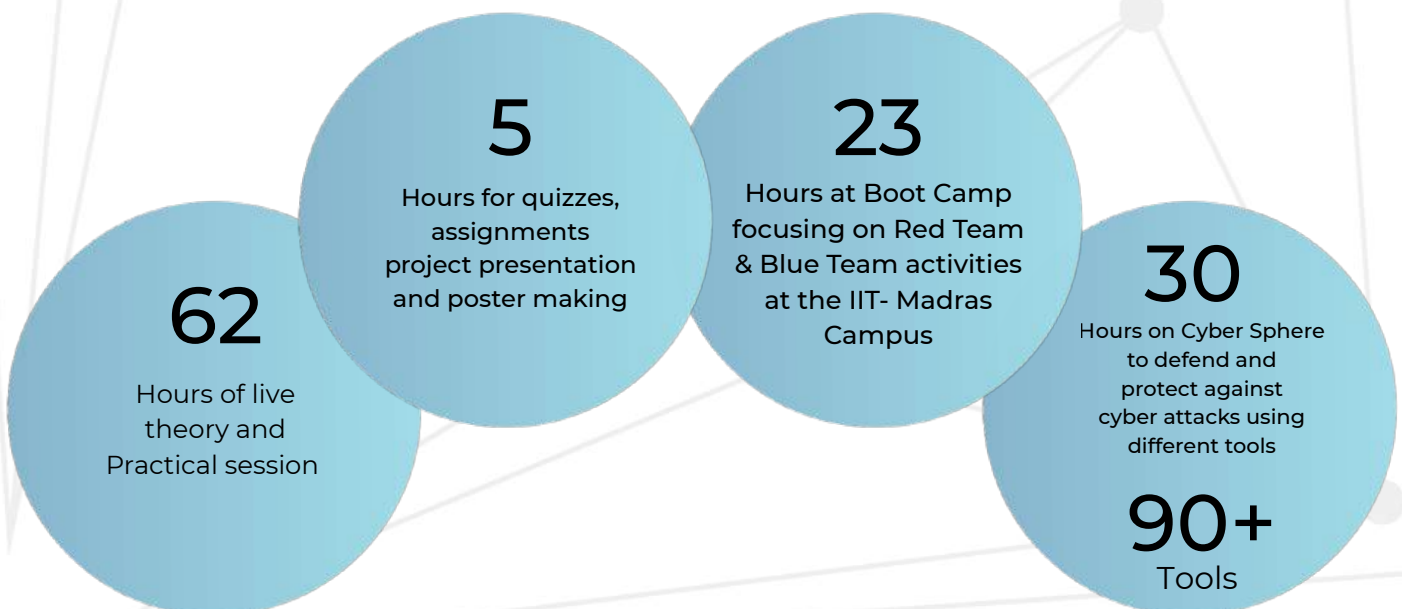
Prof. Noor has received his Ph. D. (CSE) from Indian Institute of Technology, Madras and M.Tech. from National Institute of Electronics and Information Technology Aurangabad in 2003. His broad research interests include Software for VLSI Design, Evolvable Hardware, Reconfigurable Computing, Network System Design, Software Defined Radio, High Performance VLSI Architectures for Digital Signal Processing, Packet Processing Architectures and Algorithms, Reversible Circuit Design.



Prof. Mohan Ram Chandrasekar
Adjunct Faculty,
IIIT - Bangalore

Professor Mohan is a Mission Integrator & Innovator at Forensics, Intelligence, Surveillance and Security Technologies (FISST). He is a Signal Processing Specialist from IIT Roorkee with over 31 years of experience. He currently provides consulting and services to various top security and intelligence agencies and helps build security solutions including IOT sensors. Mohan is also MD, LatticeBridge

CURRICULUM DELIVERY



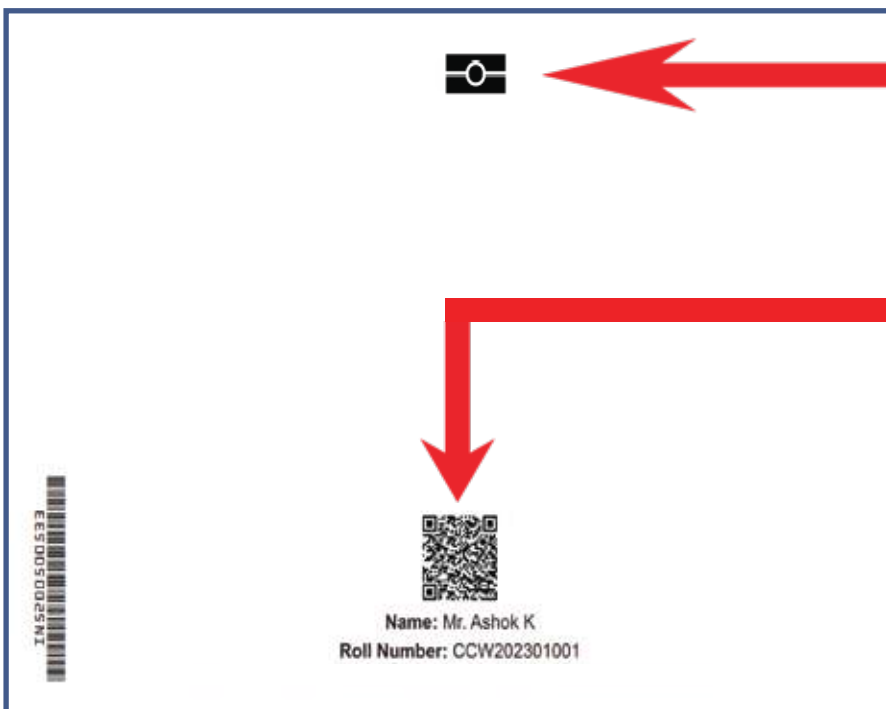
TOOLS COVERED



Sample Certificate with Unique Barcode and QR Code



The border of the certificate can be zoomed in to view IITM Pravartak Technology Innovation Hub of IIT Madras



This certificate is embedded with an NFC chip that has details of the candidate providing an additional layer of verification

The QR code provided can be scanned by employers to verify the authenticity of the certificate through the IITM PRAVARTAK website

TESTIMONIALS



I came across this cybersecurity program during a UGC faculty development training. This created interest in me to learn more about cybersecurity, and later when he informed me about this program with FISST and IITM Pravartak, my management sponsored me to join. This course inspired me to suggest cybersecurity as a research topic to my scholars, and some are now working in IT and voting security. I also feel this program is very valuable for students and for women who wish to relaunch their careers in an emerging domain with opportunities as cyber professionals and ethical hackers. Coming to IIT Madras for the offline session was very special for me and now I feel proud to add an IIT certification to my achievements.

Dr.T.Kalpalatha Reddy
Professor & Additional Dean-E&T
MGR University



The Certified Cyber Warrior course has been a truly enriching experience. The content was very well structured, starting from the basics and progressing to advanced levels, which greatly enhanced my understanding of cybersecurity. The Cyber Bay lab provided a safe and practical environment to work with tools and gain hands-on experience we could never get on our own systems. The offsite bootcamp at IIT Madras took the learning to the next level, with its inspiring campus, interactive sessions, and innovative activities simulated real problem-solving and collaboration. Overall, this program aligned perfectly with my career goals in cybersecurity, and I found it both insightful and impactful.

Ashish Ratnaparkhi
Incharge-IT training
Bank of Maharashtra



Cybersecurity is critical in every sector, especially in oil and gas, to protect data, communications, and employee information. This course has been very useful for anyone entering cybersecurity, providing insights into emerging threats, attacks, and defensive strategies.

Every instructor brought unique expertise, and the practical sessions, including capture-the-flag exercises, made learning engaging and applicable. I would recommend this program to anyone curious about cybersecurity, especially those entering the field, as it motivates you and provides a strong foundation.

Attending the offline sessions at IIT Madras added tremendous value and the campus, collaboration with peers, and face-to-face interactions made the learning experience even more enriching and enjoyable.

Puvivendhan Arivarasan
Chief Enginner
Oil and Natural Gas Corporation Limited



The course has been immensely useful in strengthening my expertise in cloud and security. I particularly enjoyed the practical sessions and lab environment, which gave me the freedom to experiment, analyze logs, and even work with malware in a safe setup something that directly helps in my day-to-day job without depending on external vendors. The teaching style made complex concepts simple and encouraged problem-solving instead of just giving direct answers, which I truly valued. The on-campus sessions at IIT Madras were an added privilege, offering not only world-class exposure but also opportunities to interact and learn from peers across industries. Overall, this course has been a rewarding experience, and I would highly recommend it to anyone in this domain.

Arunkumar Narendran
Cloud Architect
Nokia

HIGHLIGHTS OF OUR PREVIOUS BATCH



Best Corporate Nominee - Bank Of Maharashtra



Overall Proficiency Award - Barath Petroleum Corporation Ltd (BPCL)



Batch 09 - Certified Cyber Warrior



Cyber Superstar Award
Rohit Kumar



Best Student Award
Arun kumar N

FISST HAS TRAINED WORKING PROFESSIONALS FROM



accenture



ORACLE



HCL



Cognizant



Honeywell



Deloitte

NOKIA



Infosys

OUR PARTNERS OF REPUTE



indus



Fees ₹1,20,000 + 18% GST
₹1,41,600*

*Not inclusive of accommodation and travel for bootcamp

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JOB VACANCIES
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around the world,
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