Online

MTech in Cybersecurity

Be the Guardian of the Digital Age

2 years | Online | ₹2,60,000 | Graduate from an IIIT

Where Innovation Meets Excellence – IIIT Sri City

Nestled in the vibrant hub of Sri City, Andhra Pradesh, IIIT Sri City (IIITS) is a premier institute of national importance, established in 2013 under the Ministry of Education, Government of India. Known for its cutting-edge IT education, research, and innovation, IIITS offers B.Tech., M.Tech., M.S., and Ph.D. programs in AI, Machine Learning, Data Science, Cyber Security, and more.

What sets IIITS apart? A UG-led research approach, a globally acclaimed faculty, and an industry-driven curriculum designed to solve real-world challenges. With a dynamic learning environment, students engage in experiential learning, research projects, and vibrant cultural & technical clubs to foster innovation and entrepreneurship.

At IIIT Sri City, we are on a mission to compete with the world's top 100 tech universities, shaping future leaders who will transform technology and society.

Director's Message

Prof MV Kartikeyan
Director, IIIT Sricity

IIIT Sricity, is an institute of national importance, established under the act of parliament in 2013. IIIT Sricity is strategically located adjacent to Sricity, a major industrial hub, and is well-connected to key cities - just 70 km from Chennai and 70 km from Tirupati. This unique positioning allows us to foster strong industry collaborations, providing students with real-world exposure and research-driven insights.

IIIT Sri City, established under a public-private partnership model, is dedicated to nurturing the next generation of leaders in technology and research. Our students, drawn from across India, bring a diverse array of talents & perspectives. The institute prides itself on its cutting-edge curriculum, emphasis on real-world applications, and a vibrant ecosystem of creativity and intellectual pursuit. Our talented students have consistently demonstrated excellence in academics, innovation, and extracurricular activities, contributing to societal & technological advancements.

Inline with our existing campus education, present M.Tech Online program is designed to empower working professionals and aspiring technologists with advanced skills in emerging domains. With a rigorous curriculum, expert faculty, and industry-relevant projects, this program ensures a perfect blend of theoretical foundations and practical applications. In line with NEP, the flexible learning model allows a person at any stage of their career to upskill while continuing his professional journey. Importantly, the online model would allow students who are working in different geographies to attend and learn in this program. Whether you are looking to enhance your technical proficiency or explore new career opportunities, this program will be a significant milestone in your professional growth.

I encourage you to make the most of this opportunity, engage actively with your mentors, and contribute to the vibrant learning community. We look forward to seeing you excel and innovate in your chosen field.

Jai Hind

Prof MV Kartikeyan
Director

Program Overview

In today's digital age, cyber threats are more sophisticated than ever. Our Cyber Security program equips you with the expertise to secure digital systems, defend networks, and combat cyber threats. Through hands-on labs and real-world simulations, you will master ethical hacking, cryptography, AI-driven threat detection, and cloud security. This program provides a structured, in-depth learning path, starting with the fundamentals of cyber-security, cryptography, and regulations and progressing to advanced topics like blockchain security, machine learning for cyber defense, and ethical hacking. You will work on capstone and research-driven projects, ensuring you graduate with practical skills to tackle real-world cyber challenges.

By the end of the program, you will be prepared to take on critical cybersecurity roles, from penetration testing to digital forensics and cloud security architecture—empowering you to protect businesses, governments, and individuals from evolving cyber threats.

COURSE ELIGIBILITY

(a) Applicants should have a B.Tech / BE /BS/ M.Tech / MSc (4 semesterprogram) / MCA (4-semester program) / MS Degree (min. 4 semester) /equivalent degree in the relevant discipline with at least 55% marks or 5.5/10 CPI. In the case of the candidate belonging to SC, ST, or Persons with Disability (PwD) category, this is relaxed to 50% or equivalent 5.0 CGPA/CPI

(b) For MCA/MSC passed graduates, the percentage score of MCA/MSC would be considered. For BE/BTech Engineering graduates without PG specialization, the percentage score of the undergraduate degree would be considered. For a post-graduation in the Engineering field of study,

(c) PG score qualification can be considered.

(d) GATE is not mandatory.

Selection process will be scheduled post-counseling & application process, depending on the number of eligible applications as per seat availability for the program. This entire process will be online.

Candidates who do not meet the minimum CGPA or percentage requirement, can still be considered if they provide relevant work experience in the technical field.

Who Should Apply?

This program is ideal for:

IT & Security Professionals looking to upskill & transition into cyber-security roles.

Software Engineers & Developers seeking expertise in secure coding & penetration testing.

Network & Cloud Specialists aiming to specialize in network defense & cloud security.

Tech Enthusiasts & Recent Graduates who want to build a future-proof career in cybersecurity.

Why Choose IIIT Sri City for Your M.Tech in Cybersecurity?

Prestigious IIIT Certification
Earn a highly regarded M.Tech from IIIT Sri City, recognized globally for its excellence in technology and research.

Distinguished Faculty
Learn from experts with deep industry and academic experience, providing interdisciplinary learning &hands-on expertise.

Industry-Aligned Curriculum
Designed to match global IT and cybersecurity trends, ensuring that you gain job-ready skills in network security, ethical hacking, cloud security, and AI-driven threat detection.

Flexible Online Learning for Professionals
A program tailored for working professionals, enabling them to upskill efficiently while balancing work and study.

Experiential & Hands-On Learning
Work on practical labs, capstone projects, and penetration testing simulations, gaining real-world cybersecurity skills.

IIIT Sri City Alumni Status
Become part of a prestigious network of industry leaders, cybersecurity experts, and researchers, opening doors to global career opportunities.

Research & Innovation Focus
Research & Innovation Focus – Opportunities to engage in cutting-edge cybersecurity research, contribute to high-impact publications, and work on real-world security challenges.

Program Objectives

Build a Strong Foundation in Cybersecurity –
Equip students with fundamental concepts of cybersecurity, cryptography, and secure digital systems.

Develop Ethical Hacking & Network Security Skills –
Train learners to identify network vulnerabilities and apply ethical hacking techniques for threat mitigation.

Enhance Cloud Security Expertise –
Enable students to develop defense mechanisms for cloud-based infrastructures, securing modern IT environments.

Leverage AI for Cyber Defense –
Teach the application of artificial intelligence in detecting and preventing cyber threats, ensuring proactive security.

Gain Hands-on Experience in Cyber Defense –
Ensure practical learning through simulated cyberattacks, penetration testing, and real-world projects.

Course Structure

Semester - I

Course Name	L	T	P	Credits
Introduction to Cybersecurity	3	1	0	4
Mathematical Foundations of Cryptography	3	1	0	4
OS and Mobile Security	3	1	0	4
Cybersecurity Regulations	3	1	0	4

Total - 16 Credits

Semester - II

Course Name	L	T	P	Credits
Cryptography	3	1	0	4
Internet Security	3	1	0	4
Cloud Security	3	1	0	4
Capstone Project: Securing a Real-World Application	0	0	4	4

Total - 16 Credits

Semester - III

Course Name	L	T	P	Credits
Blockchain Technology and Applications	2	0	2	4
Machine Learning for Cybersecurity	2	1	1	4
Ethical Hacking and Penetration Testing	2	0	2	4
Minor Project	0	0	4	4

Total - 16 Credits

Semester - IV

Course Name	L	T	P	Credits
Digital Forensics	3	1	0	4
Major Project	0	0	12	12

Total - 16 Credits

Program Outcome

Master Cybersecurity Fundamentals –
Gain in-depth knowledge of cybersecurity, cryptography, and cyber defense strategies.

Analyze and Address Network Vulnerabilities –
Understand and apply ethical hacking techniques to identify and mitigate security risks.

Develop Secure Cloud Infrastructures –
Implement defense mechanisms for cloud environments to protect against cyber threats.

Utilize AI for Cybersecurity –
Apply machine learning to detect and prevent cyber threats in real-world scenarios.

Understand Cybersecurity Regulations –
Learn cyber laws and compliance frameworks to ensure adherence to industry security standards.

Gain Hands-on Experience with Security Tools –
Work on practical labs and projects to simulate real-world cyberattacks and defenses.

Apply Cryptographic Techniques –
Use encryption and cryptographic methods to secure digital communications and systems.

Develop Practical Cybersecurity Solutions –
Work on capstone and major projects to secure real-world applications.

Explore Emerging Technologies in Security –
Learn about blockchain security, digital forensics, and AI-based cybersecurity model

Admission Process

1 Check **Eligibility**
Ensure you meet the criteria.

2 Upload **Documents**
Submit degrees, mark sheets, and work experience proof (if required).

3 Verification & **Reverification**
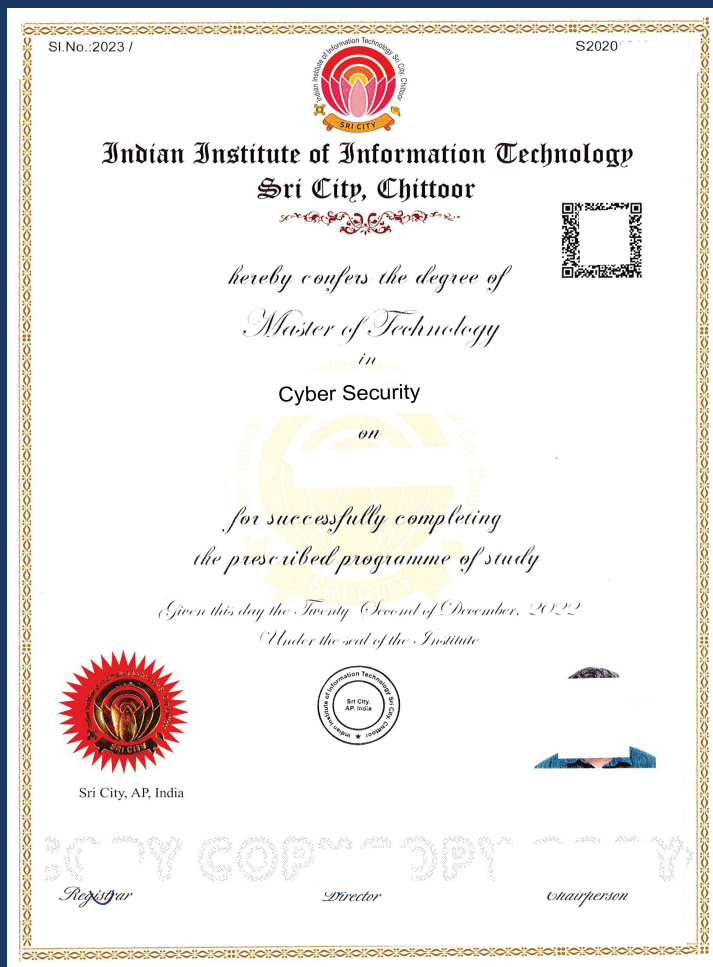Documents are verified by TeamLease EdTech and IIIT Sri City.

4 Admission Number **Generated**
Marks the completion of the admission process.

Program Certificate

SI.No.:2023 /   S2020

**Indian Institute of Information Technology
Sri City, Chittoor**

hereby confers the degree of

Master of Technology

in

Cyber Security

on

*for successfully completing
the prescribed programme of study*

*Given this day the Twenty Second of December, 2022
Under the seal of the Institute*

Sri City, AP, India

Registrar   *Director*   *Chairperson*

Fee Structure

Online MTech in Cybersecurity					
Fees	**Sem1**	**Sem2**	**Sem 3**	**Sem 4**	**Total**
Instalment 1	40000	40000	40000	40000	
Instalment 2	25000	25000	25000	25000	
Optional Campus Immersion Fee	7000				
Optional Alumni Fee			6000		
Total	**65000**	**65000**	**65000**	**65000**	**260000**

Cancellation & Fee Refund Policy:

Application Fee: Non-refundable.

Course Fee Refund:

1)A refund of 80% of the paid course fee will be issued if a request is raised before the Batch commencement date.

2)No refund will be provided on or after the batch commencement date.

Apply Now

Get In Touch With Us

For registration and any other information please get in touch with us at

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