Indian Institute of Information Technology Sri City, Chittoor

भारतीय सूचना प्रौद्योगिकी संस्थान श्री सिटी, चित्तूर

Online

MTech IoT and Autonomous Systems

Power Your Career with Cutting-Edge Tech from IIIT Sri City

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

IIIT Sri City: *Shaping Future Tech Leaders*

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 Sri city, 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

The Executive M.Tech in IoT and Autonomous Systems equips professionals with advanced knowledge in IoT architecture, communication protocols, and autonomous decision-making systems. This program blends theoretical foundations with hands-on applications, ensuring graduates are well-prepared for high-impact roles in IoT, wireless communication, and autonomous technologies.Through real-world IoT system implementations, students will gain expertise in Cyber-Physical Systems, AI-driven decision-making, and 5G/6G networks. The capstone and major projects allow learners to apply their skills in end-to-end IoT solutions and autonomous systems development.

- **Program Date: 5th July (Saturday)**
- **Campus Immersion Opportunity: One week per year**
- **Alumni Status: Earn IIIT Sri City alumni status upon completion**

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:

Working professionals looking to specialize in IoT and Autonomous Systems.

Individuals with a background in Computer Science, Electronics, or related fields.

Professionals aiming for roles in IoT, AI-driven automation, and smart systems.

Research enthusiasts seeking hands-on experience in network security, digital twins, and autonomous systems development.

Why Choose IIIT Sri City for Your M.Tech in IOT & Autonomous Systems?

Prestigious IIIT Certification

Earn a highly regarded certification from IIIT Sri City, recognized globally in the tech industry.

Distinguished Faculty

Learn from renowned experts with interdisciplinary experience in IoT, autonomous systems, AI, and wireless communication.

Industry-Aligned Curriculum

Designed to match the latest global IT and AI trends, ensuring graduates are future-ready.

Robust Industry Ties

Collaborations with top tech firms provide real-world exposure and practical applications of IoT and AI.

Experiential Learning

The program encourages hands-on projects, real-world system implementation, and practical learning.

IIIT Sri City Alumni Status

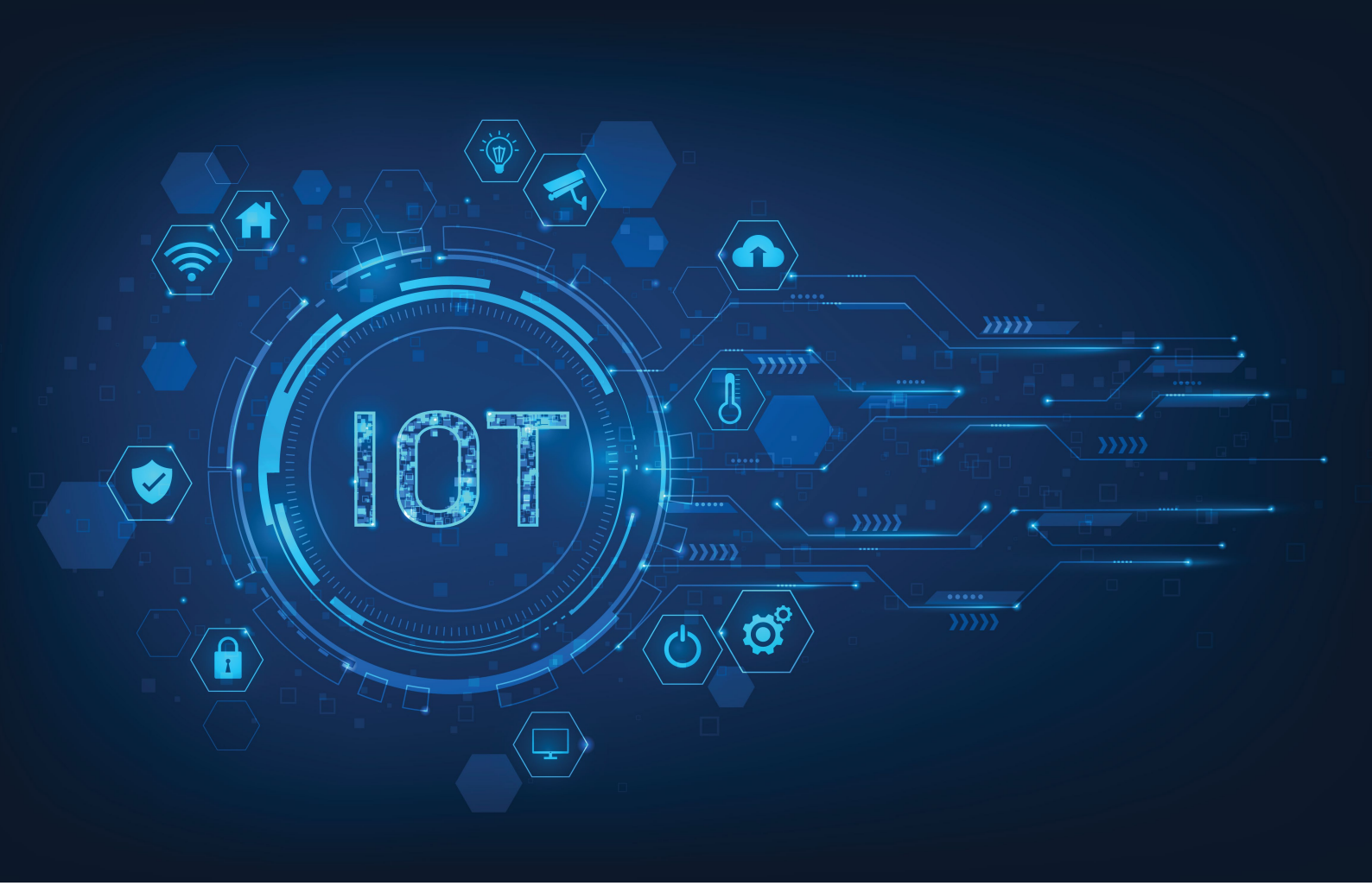
Become part of a prestigious network of industry leaders, researchers, and innovators.

Research & Innovation Focus

Strong emphasis on high-impact research, publications, funded projects, and cutting-edge autonomous technology.

Flexible Online Learning for Professionals

Designed for working professionals, allowing you to upskill without career disruption.



Program Objectives

Comprehensive IoT Understanding -
Develop a strong foundation in IoT architecture and Cyber-Physical Systems.

Mastering Wireless Communication -
Gain expertise in wireless networks, IoT communication protocols, and advanced connectivity solutions (5G/6G).

Autonomous Systems Development -
Learn how to design and implement AI-driven autonomous systems for real-world applications.

Hands-on Experience -
Work with IoT devices, network simulations, Python programming, and intelligent system deployment.

Security & Reliability -
Understand network security and risk mitigation strategies in IoT ecosystems.

Practical Implementation -
Apply concepts through real-world projects, minor and major projects, and a capstone project in IoT applications.

Course Structure

Semester - I

Course Name	L	T	P	Credits
Fundamentals of IoT	3	1	0	4
Introduction to Cyber-Physical Systems	3	1	0	4
Autonomous Systems Fundamentals	3	1	0	4
Wireless Communication	3	1	0	4

Total - 16 Credits

Semester - II

Course Name	L	T	P	Credits
Advanced Wireless Communication & IoT Protocols	3	1	0	4
Intelligent & Autonomous Systems	3	1	0	4
Network Simulation & Python Programming	1	1	2	4
Capstone Project: End-to-End IoT Application	0	0	4	4

Total - 16 Credits

Semester - III

Course Name	L	T	P	Credits
5G/6G Wireless Communication	3	1	0	4
Network Security	3	0	1	4
Digital Twin Concepts & Applications	3	1	0	4
Minor Project	0	0	4	4

Total - 16 Credits

Semester - IV

Course Name	L	T	P	Credits
Applications of Autonomous Systems (Aerial & Underwater Vehicles)	2	2	0	4
Major Project	0	0	12	12

Total - 16 Credits

Program Outcome

Understand IoT & Cyber-Physical Systems –
Gain an in-depth understanding of IoT architectures, smart networks, and autonomous decision-making systems.

Implement Wireless & IoT Communication Protocols –
Deploy advanced wireless communication technologies (5G/6G) and IoT connectivity solutions.

Develop & Optimize Autonomous Systems –
Design intelligent, AI-powered autonomous systems for industrial and real-world applications.

Apply Hands-on Technical Skills –
Work with Python-based network simulations, digital twin concepts, and real-world IoT deployments.

Enhance Network Security & Reliability –
Understand and implement security measures in IoT and wireless networks.

Deliver Industry-Ready IoT Solutions –
Work on end-to-end IoT applications, from concept to deployment, through capstone and major projects.

Innovate in Research & Development –
Contribute to cutting-edge research, IoT advancements, and autonomous technology innovations.

Admission Process

1

Check **Eligibility**

Ensure you meet the criteria.

Upload **Documents**

Submit degrees, mark sheets, and work experience proof (if required).

2

3

Verification & **Reverification**

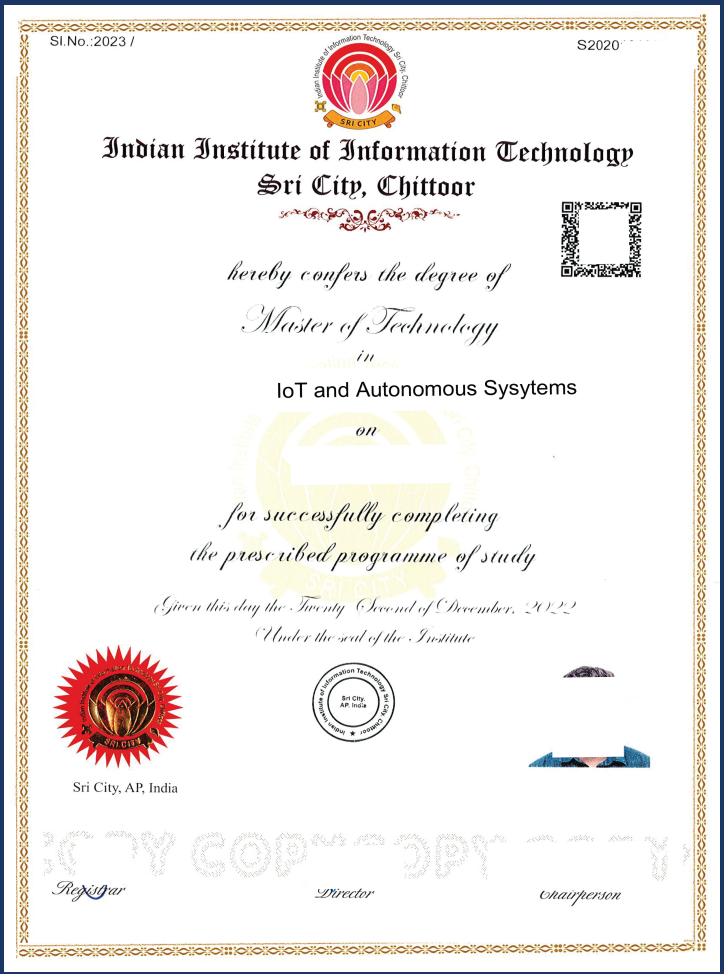
Documents are verified by TeamLease EdTech and IIIT Sri City.

Admission Number **Generated**

Marks the completion of the admission process.

4

Program Certificate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S2020

Indian Institute of Information Technology
Sri City, Chittoor

hereby confers the degree of

Master of Technology

in

IoT and Autonomous Sysytems

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 IoT and Autonomous Systems					
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

04049170726 | admission@iiitsricityonline.com | https://cep.digivarsity.com/iiit-sricity/