



***Muthoot***  
***Institute of Technology & Science***

***Relentless passion for excellence...***  
Varikoli P.O, Puthencruz, Ernakulam

**2024 M.Tech**  
**Admission opens**

---



Apply Online:  
[www.mgmits.ac.in](http://www.mgmits.ac.in)

# M.Tech Courses

## M.Tech Artificial Intelligence and Data science

### **1ST SEMESTER**

- ADVANCED MACHINE LEARNING
- MATHEMATICAL FOUNDATIONS FOR DATA SCIENCE
- INTRODUCTION TO AI AND NLP
- PROGRAM ELECTIVES
- RESEARCH METHODOLOGY AND IPR
- ADVANCED MACHINE LEARNING LAB

### **2ND SEMESTER**

- ADVANCED DATA STRUCTURES AND ALGORITHMS
- DEEP LEARNING
- MINI PROJECT
- PROGRAM ELECTIVES
- DEEP LEARNING LAB

### **3RD SEMESTER**

- AUDIT COURSE
- MOOC COURSE
- INTERNSHIP
- TRACK 1 – DISSERTATION PHASE I
- TRACK 2 – RESEARCH PROJECT PHASE I

### **4TH SEMESTER**

- TRACK 1 – DISSERTATION PHASE II
- TRACK 2 – RESEARCH PROJECT PHASE II

### **Who can apply?**

Bachelor's degreee in Engineering/ Technology in  
CSE, IT, ECE, EEE, ME

# M.Tech Cyber Security

## **1ST SEMESTER**

- ADVANCED MACHINE LEARNING
- FOUNDATIONS OF CRYPTOGRAPHY
- INFORMATION SECURITY
- PROGRAM ELECTIVES
- RESEARCH METHODOLOGY AND IPR
- COMPUTING LAB I

## **2ND SEMESTER**

- ADVANCED DATA STRUCTURES AND ALGORITHMS
- NETWORK SECURITY
- PROGRAM ELECTIVES
- INTERDISCIPLINARY/INDUSTRIAL ELECTIVE
- MINI PROJECT
- COMPUTING LAB II

## **3RD SEMESTER**

- AUDIT COURSE
- MOOC COURSE
- INTERNSHIP
- TRACK 1 - DISSERTATION PHASE I
- TRACK 2- RESEARCH PROJECT PHASE I

## **4TH SEMESTER**

- TRACK 1 - DISSERTATION PHASE II
- TRACK 2 - RESEARCH PROJECT PHASE II

## **Who can apply?**

Graduates with B.E./B.Tech in CS, IT, ECE, AEI

## **TRACK 1 / TRACK 2**

In second year, the students can choose either of the two tracks: TRACK 1 or TRACK 2. Track 1 is conventional M.Tech programme and Track 2 is M.Tech programme designed for students with scientific vigor for research and scientific knowledge. An aspirant in track 2 needs to have a flavour for research and passion for the topic. The candidates should also be good with performing in-depth research and colluding the conclusions of research led by them. Such students are expected to have the following skills: Technical Skills, Research Skills, Communication Skills, Critical Thinking Skills, and Problem Solving Skills.

### **Eligibility for Track 2:**

- Shall have qualified in the GATE or have a SGPA above 8.5 during the first semester, and
- Qualify an interview during the end of second semester by an expert committee constituted by the respective Institutions

In research project track, the research work shall be accepted or published in a journal (indexed in SCI/Unpaid SCOPUS).

## Fee Information

Sl.	Fee Details	Amount in INR
1	Application and Admission Fee (One time)	600
2	Tuition Fee (per semester)	30000
3	Caution Deposit (Refundable)	5000
4	PTA (Annual)	1000
5	University Registration (One time)	2050
6	Sports / Cultural Activities (Annual)	530
	Total	39180

The institution also provides scholarships for those who are not eligible for scholarships from MHRD related to scores obtained in GATE Examination. The scholarship is based on CGPA from qualifying examination.

- CGPA  $\geq 9$  : Tuition fee is Rs.10000 per semester
- CGPA between 8.5 and 9 : Tuition fee is Rs.15000 per semester
- CGPA between 8 and 8.5 : Tuition fee is Rs.20000 per semester
- MITS Alumni : Tuition fee is Rs.15000 per semester

For candidates with valid GATE score, tuition fee will be Rs.20000 per semester

Students who avail MITS Scholarships should maintain a GPA of 7.5 every semester, without any backlogs, to continue the scholarship. If they fail in any subject or are unable to maintain 7.5 GPA, they will slide to Category 6 (Rs 30,000 per semester tuition fee)



# OUR DISTINGUISHED M.TECH ALUMNI

Programmes :

- M.Tech in Cyber Security
- M.Tech in Artificial Intelligence and Data Science



**Sreelakshmi**  
IT support Engineer,  
Hofmann Engineering,  
Australia



**Ameen Rashik,**  
Software Developer,  
Suntec Business Solutions



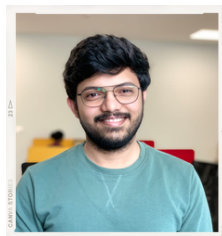
**Ashik Eapen Mathews,**  
Security Analyst - NFT,  
Cognizant



**Bincy John,**  
Secure Delivery Associate,  
Accenture



**Basil James**  
ML python developer,  
TCS



**Ashwanth V**  
Associate Data Scientist,  
Techvantage Analytics



**Diana Joseph**  
Junior Software Engineer,  
Cognizant



**Eldho Ittan George**  
Data Engineer,  
AI4Bharat



**Jerry John**  
AI engineer,  
Cozmek Pvt Ltd



**Sarika Sasi A**  
Assistant System Engineer,  
TCS



**V Priyanka**  
Associate Data Scientist,  
Techvantage Analytics



**Amitha Mary Benny**  
Software developer,  
UST



**Tiju George Varghese**  
Associate Data Scientist,  
Beinex Consulting Pvt Ltd

# 100%

**Placement for inaugural  
batch of 2020-22**

**For Admission enquiry, Contact:**

Mob : +91-9995398235

Tel: 0484 – 2732100, 2732111, 2733011

Website: [www.mgmits.ac.in](http://www.mgmits.ac.in)

Varikoli P.O, Puthencruz, Ernakulam – 682308