MITS Kochi
Muthoot Institute of Technology and Science
(Autonomous)

M.Tech Admissions Prospectus 2026-27

Apply Online:
www.mgmits.ac.in

I. The Muthoot Group

Established with the vision of nurturing technically competent and socially responsible professionals, MITS is committed to achieving excellence in engineering education, research, and innovation. The institution emphasizes a merit- based approach and holistic development, enabling students to excel in academics, placements, and co-curricular as well as extra-curricular activities.

Strategically located in the industrial corridor of Kochi, the campus is in close proximity to major IT hubs such as SmartCity and Infopark, providing students with enhanced opportunities for industry interaction and career growth. The serene and well-equipped campus environment supports advanced learning, research initiatives, and innovation-driven activities.

MITS is autonomous and affiliated with APJ Abdul Kalam Technological University (KTU) and is approved by the All India Council for Technical Education, New Delhi. The institution offers a range of undergraduate and postgraduate programmes in engineering and technology, designed to meet evolving industry demands and global standards.

With a strong focus on academic excellence, industry collaboration, and value-based education, MITS continues to progress towards its goal of becoming a premier centre of excellence in technical education.Muthoot Group is a trusted and renowned business conglomerate with a legacy of over ***130 years***, built on strong values of integrity, transparency, and excellence. Originating from ***Kozhencherry, Kerala***,

the group was founded in 1887 by Muthoot Ninan Mathai, who began with a small trading business that later grew into a diversified enterprise.

Guided by enduring principles rooted in faith, ethics, and customer-centricity, the group has consistently expanded its presence across multiple sectors. Over the decades, it has established a strong footprint in financial services, particularly gold loans, and has diversified into areas such as information technology, healthcare, education, infrastructure, hospitality, and power generation.

Today, the Muthoot Group stands as one of India's leading business houses with a significant national and global presence, continuing its tradition of growth, innovation, and service excellence.

As the years progressed, the Muthoot Group expanded its footprint even further, entering into sectors like information technology, media, healthcare, education, power generation, infrastructure, plantations, precious metals, tourism, and hospitality, to name just a few. Today, the Muthoot Group stands as a diversified business empire, with operations that span the length and breadth of India and a global presence.

The Muthoot Institute of Technology and Science (MITS) is a self-financing private engineering institution established and promoted by the Muthoot Group, a renowned conglomerate with a strong presence across diverse sectors including Financial Services, Healthcare, Hospitality, Renewable Energy, and Information Technology. Leveraging the legacy and expertise of its promoters, MITS has emerged as a distinguished institution in the professional education sector in South India.

II) Vision & Mission

Vision:

Tobeacentre of excellence for learning and research in engineering and technology, producing intellectually well-equipped and socially committed citizens possessing an ethical value system.

Mission:

1.Offera well-balanced programme of instruction, practical exercise and opportunities in technology.
2. Foster innovation and ideation of technological solutions on a sustainable basis.
3.Nurture a value system in students and engender in them a spirit of inquiry.

III) M-Tech program

Our postgraduate programmes are designed to equip students with cutting-edge knowledge, hands-on experience, and research-driven insights, enabling them to excel in a competitive global environment. With a strong emphasis on innovation, sustainability, and industry collaboration, we prepare graduates to lead, innovate, and shape the future of engineering and technology.

In this exciting landscape, postgraduate programmes serve as a catalyst for nurturing future-ready engineers and visionary leaders. By fostering creativity, critical thinking, and advanced technical expertise, these programmes empower students to transform innovative ideas into impactful solutions. The Skill Development Mission further complements this journey by enabling young minds to acquire industry-relevant competencies and translate them into successful careers and entrepreneurial ventures.

Postgraduate education and research in Engineering and Technology stand at the forefront of national transformation with flagship initiatives like Make in India driving rapid growth in the manufacturing sector and a thriving start-up ecosystem empowering innovation. India is witnessing a dynamic shift towards technology-led development.

M.Tech Programme Objectives

➢ To provide students with a strong foundation in core and advanced areas of their chosen specialization, along with proficiency in state-of-the-art tools and technologies.

➢ To integrate theoretical knowledge with practical application, enabling students to effectively analyze and solve complex real-world engineering problems.

➢ To prepare students to work at the forefront of emerging technologies by developing their ability to adapt to rapid technological advancements and continuous innovation.

➢ To equip students with the skills, knowledge, and professional competence required for successful careers in industry, research and development organizations, academia, and leadership roles in both government and private sectors.

➢ To foster a mindset of lifelong learning, adaptability, and continuous professional growth, enabling graduates to thrive in dynamic and evolving work environments.

Strengths of the M.Tech Programme

- Academic environment driven by Outcome-Based Education (OBE), ensuring quality learning and continuous improvement.
- Distinguished and experienced faculty with strong academic, research, and industry expertise.
- Comprehensive curriculum supported by state-of-the-art laboratories and modern infrastructure.
- Strong emphasis on research, innovation, and interdisciplinary collaboration, promoting publications, patents, and funded projects.
- Extensive industry interaction through internships, expert lectures, consultancy projects, and strategic collaborations.
- Emphasis on experiential learning through projects, case studies, and real-world problem-solving approaches.
- Active student chapters of reputed professional bodies, encouraging technical competence, leadership, and teamwork.
- Fully automated and well-equipped library with over 85,000 volumes and remote access to premier digital resources and e-journals.
- Vibrant global alumni network offering mentorship, career support, and professional networking opportunities.
- Dedicated support for entrepreneurship, innovation, and start-up initiatives.
- Holistic student development through workshops, technical events, hackathons, and skill enhancement programmes.

Programme Highlights

- Industry-aligned curriculum with expert collaboration
- Experiential learning through projects, internships, and dissertations ● Flexible class timings for working professionals
- Focus on AI, IoT, Data Analytics, Automation, and Industry 4.0
- Industry mentorship and expert technical sessions
- Exposure to real-world engineering challenges
- Emphasis on IPR, research, innovation, and entrepreneurship
- Outcome-based and skill-oriented learning approach
- Career advancement and upskilling opportunities
- Integrated industry certification programmes
- Collaborative research and consultancy opportunities
- Strong placement, networking, and industry interaction support

Industry-Powered M.Tech Programmes

- ***M.Tech in Infrastructure Engineering and Technology***
- ***M.Tech in Industrial Intelligent Systems***

Important Dates:

● ***Last Date for Submission of Online Applications:*** Refer to the MITS website for updated admission schedule details.

● ***Provisional Admission Date:*** Refer to the MITS website for the latest admission notification and schedule.

Research & Development

Research is a cornerstone of academic excellence at MITS. The institution fosters a vibrant research culture by encouraging faculty and students to engage in innovative, interdisciplinary research activities.

The Research and Development (R&D) Cell at MITS actively promotes research initiatives, publications, funded projects, and collaborations with industry and academic institutions. It provides the necessary infrastructure, mentorship, and support for cutting-edge research and product development.

MITS aims to create a knowledge-driven environment where research outcomes contribute to technological advancement and societal development.

Entrepreneurship & Innovation

MITS actively promotes entrepreneurship and innovation through dedicated initiatives and infrastructure support. The institution has established innovation and incubation facilities that encourage students to transform their ideas into viable products and startups.

With support from organizations such as APJ Abdul Kalam Technological University and Kerala Startup Mission, MITS provides platforms for prototyping, experimentation, and product development.

Innovation labs and maker spaces enable students to design and develop solutions tailored to real-world challenges. These facilities also connect students to a larger ecosystem of innovators, mentors, and industry experts, fostering a culture of creativity, collaboration, and entrepreneurial thinking

Placement & Training Cell

Muthoot Institute of Technology and Science (MITS) is committed to nurturing industry-ready professionals through a dedicated Placement and Training Cell that consistently strives for excellence. The institution focuses on holistic student development, ensuring high employability and strong industry acceptance of its graduates.

A structured training ecosystem equips students with technical proficiency, problem-solving abilities, and essential soft skills. Regular training sessions, mock interviews, aptitude development programmes, and industry interactions prepare students to confidently face recruitment processes.

III) M.Tech Programme Offered

Table: Specializations & Intake

Sl. No	*Programme*	*Intake*	*Eligible B.Tech Branches*
1	*Computer Science and Engineering (Cyber Security)*	*6 (Regular) + 3 (Working Professionals)*	*CSE / CSE aligned courses*
2	*Artificial Intelligence and Data Science*	*12 (Regular) + 6 (Working Professionals)*	*CSE / CSE aligned courses, EC, EEE, ME*
3	*Infrastructure Engineering & Technology (In partnership with L&T EduTech)*	*12 (Regular students)*	*Civil Engineering*
4	*Industrial Intelligent Systems (In partnership with NEST SFO)*	*6 (Regular) + 6 (Working Professionals)*	*EEE, ECE, Electronics and Instrumentation, Electrical and Computer Science, Electronics and computer science, Robotics and Automation.*

A) Key Features of Programmes

1. ComputerScienceandEngineering (Cyber Security)

● The program offers an ***industry oriented cyber security curriculum*** with practical exposure to contemporary security technologies and professional tools.. like SIEM platforms, penetration testing frameworks, vulnerability assessment tools, malware analysis, devsecops practices, digital forensics.

● ***Hands-on Learning Approach*** through cyber labs, real-time simulations, penetration testing exercises, and security audits.

● ***Exposure to Emerging Technologies*** including AI in cybersecurity, blockchain security, cloud security, and IoT security.

● ***Strong Industry Collaboration*** through internships, expert sessions, workshops, and certification-oriented training programmes.

● ***Research and Innovation Focus*** encourages students to work on cutting-edge problems, publish papers, and develop security solutions.

2. Artificial Intelligence & Data Science (CSE)

● ***Future-Focused Curriculum*** covering machine learning, deep learning, data analytics, big data technologies, and intelligent systems.

● ***Hands-on Learning*** through real-world datasets, live projects, case studies, and industry-driven problem-solving.

● ***Advanced Tools & Technologies*** including Python, TensorFlow, PyTorch, Hadoop, Spark, and cloud-based AI platforms.

● ***Strong Foundation in Data Science*** with emphasis on data preprocessing, visualization, statistical analysis, and predictive modeling.

● ***Exposure to Emerging Areas*** such as generative AI, natural language processing, computer vision, and reinforcement learning.

● ***State-of-the-Art Computing Facilities*** with high-performance systems for large-scale data processing and model training.

● ***Industry Collaboration & Internships*** enabling students to gain practical exposure and align with current industry demands.

3. Infrastructure Engineering & Technology (CE)

● ***Industry partnership with L&T EduTech*** to strengthen the practical and professional relevance of the programme.

● ***Industry-driven course delivery*** with selected courses handled by industry professionals and subject matter experts.

● ***Skill enhancement and certification*** for selected courses by L&T EduTech, with academic delivery supported by MITS faculty and industry-oriented sessions by L&T EduTech subject matter experts.

● ***Career-oriented curriculum*** focusing on modern infrastructure engineering, digital construction, sustainable design, structural systems, and project-based learning.

● ***Balanced delivery*** by MITS and L&T EduTech, combining academic depth with industry application.

● ***Lab-embedded and project-oriented learning*** supported by Civil Engineering laboratories, BIM facilities, design activities, assignments, case studies, and project work.

● ***Focus on digital and software skills t***hrough learning components related to tools such as ETABS, STAAD.Pro, SAFE, PLAXIS 3D, Revit, and Navisworks.

● ***Future-focused learning*** domains covering sustainable building design, concrete and steel building systems, Building Information Modelling, bridge engineering, subsurface infrastructure, re-engineered buildings, rehabilitation and health monitoring, and AI/ML applications in civil engineering.

● ***Internship and project opportunities*** to connect academic learning with practical infrastructure applications through leading civil engineering, construction, and infrastructure organisations, subject to applicable selection processes and institutional norms.

● ***Placement support and career guidance*** for students preparing for professional roles in infrastructure, construction, consultancy, design, project execution, and related sectors.

● ***GATE scholarship*** as per applicable norms for eligible GATE-qualified students.

● ***Merit-based tuition fee scholarships*** available for eligible meritorious students as per institutional norms.

● ***Outcome-based academic structure*** designed to support technical competence, professional confidence, research ability, and career readiness.

4. Industrial Intelligent Systems (EEE)

● ***Industry-Aligned Programme*** designed in collaboration with NeST-SFO Group, ensuring practical relevance and career readiness.

● ***Focus on Industry 4.0 Technologies*** including smart automation, intelligent control systems, and cyber-physical systems.

● Integration of AI & Data Science with strong foundations in data science, machine learning, and industrial AI applications.

● ***Hands-on Learning in IoT Systems*** covering sensor integration, embedded systems, and smart device development.

● ***Exposure to Smart Automation*** in industrial environments, including robotics, process control, and digital manufacturing.

● ***Advanced Laboratories & Practical Training*** enabling real-time experimentation and system-level implementation.

● ***Strong Industry Interaction*** through internships, live projects, expert sessions, and on-site training opportunities.

B) Eligibility Criteria

Eligibility Criteria

(Applicable to Regular Candidates and Working Professionals)

● Candidates must have secured a minimum CGPA of 6.0 on a 10-point scale in the Engineering Degree

– For SEBC (OBC) candidates, the minimum CGPA required is 5.5. – For SC/ST candidates, a pass in the Engineering Degree Programme is sufficient.

● Candidates who have qualified in AMIE / AMIETE examinations are also eligible for admission.

● Candidates holding degrees from universities other than the affiliating university must submit an Eligibility Certificate and Migration Certificate at the time of admission.

● Sponsored candidates from industries, R&D organizations, national laboratories, and educational institutions are eligible to apply.

● Admissions shall be carried out in accordance with the reservation policy of the Government of Kerala.

● Candidates who have appeared for their final examination may also apply, provided they have successfully completed all subjects up to and including the 8th semester along with an Identify proof. Admission will be confirmed upon submission of proof of qualifying the degree as per the prescribed criteria.

● The admission process is subject to modifications as per directions issued by the competent authorities from time to time.

Additional Eligibility Criteria for Working Professionals

● Applicants must be employed in a registered industry/organization (Central/State Government, Private/Public Limited Company, or MSME) located within a radius of 80km from the institution.

– A valid Employment Certificate from the employer must be submitted as proof.

● Candidates should have a minimum of three years of continuous full-time work experience in the organization.

– A Certificate of Employment and Conduct from the employer must be provided assupporting evidence.

●The No Objection Certificate (NOC) should be submitted at the time of admission.

C) Admission Process

Government Quota

● 50% of the total seats in each programme are reserved under the Government Quota.

● Candidates seeking admission under this quota must register online through the Directorate of Technical Education (DTE), Kerala as per the official notification.

● The rank list will be prepared by DTE based on the candidate's GATE score or aggregate marks obtained up to the 6th semester of the qualifying degree examination.

● Based on the DTE rank list, admissions will be processed by the institute in accordance with prevailing Government norms and regulations.

Management Quota

● The remaining 50% of seats are allocated under the Management Quota.

● Admissions to Management seats are conducted directly by the institution based on academic merit and eligibility criteria.

● Candidates are required to submit an online application for consideration.

● A single application is sufficient to apply for both Government and Management Quotaseats.

D) Fee Structure

Sl:No	*Description*	*Amount*
1	*Admission & Application fee (One time)*	*600*
2	*Tuition fee (Per Semester)*	*35,000*
3	*Other fees (One time)*	*3,100*
4	*Sports/Cultural (Annual)*	*530*
5	*Skill Enhancement & Certification(SETC) fee (Annual)*	*6,000* *Rs 15, 000 (Infrastructure Engg. and Tech in partnership with L&T EduTech)*
6	*Caution Deposit (Refundable)*	*Rs 10,000*

Scholarship

➢ ***Candidates with CGPA greater than 9.0: Tuition fee Rs:20,000 per semester ONLY.***

➢ ***Candidates with CGPA greater than 8.0: Tuition fee Rs:30,000 per semester ONLY.***

➢ ***MITS Alumni Scholarship:: Tuition fee Rs:25,000 ONLY per semester for eligible alumni with CGPA greater than 7.5.***

➢ Students who avail MITS Scholarships should maintain a CGPA of 8 every semester, without any backlogs, to continue the scholarship. If they fail in any subject or are unable to maintain 8 CGPA, will slide to Rs 30,000 per semester tuition fee in first instant and to Rs 35,000 per semester subsequently.

All scholarships and fee concessions are subject to institution norms and eligibility verification.

E) How to Apply

➢ Candidates can submit applications ONLINE through the institute's admission portal.

➢ Applications must be complete in all respects. A candidate will be considered for admission only if all required documents, as specified in the prospectus, are duly submitted as proof of eligibility.

➢ The Online Application Form and Information Brochure are available on the institute website:

https://mgmits.ac.in/mtech-admission

➢ Candidates are required to apply ONLINE only through the official registration portal

https://mits.etlab.app/registration/default/onlineapplication/index?reg_type=mtech

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F) Contact for M.Tech Admissions

M.Tech (CSE Programmes – Cyber Security & AI & DS)
Dr. SUJA C NAIR

Designation: Associate Professor
Department: COMPUTER SCIENCE AND ENGINEERING
Email: sujacnair@mgits.ac.in
📞:98950 24229

M.Tech (Civil Programme – Infrastructure Engineering and Technology)

Dr. SANDEEP M S

Designation: Associate Professor
Department: CIVIL ENGINEERING
Email: sandeepms@mgits.ac.in

📞:93491 18411

M.Tech (EEE Programme –Industrial Intelligent Systems)

Dr. JOYCE JACOB

Designation: Assistant Professor
Department: ELECTRICAL AND ELECTRONICS ENGINEERING
Email: joycejacob@mgits.ac.in

📞:94968 22326

G) Documents Required

✔️ SSLC / Secondary School Certificate (for proof of age) – Original with two self-attested copies.

✔️ Plus Two / Equivalent Examination Mark List and Pass Certificate – Original.

✔️ Degree Certificate and Consolidated Mark List – Original with two self-attested copies.

✔️ Physical Fitness Certificate issued by a Government Medical Practitioner.

✔️ Transfer Certificate (TC) from the institution last attended – Original.

✔️ Course and Conduct Certificate from the Head of the Institution last studied.

✔️ Eligibility Certificate (for candidates who have graduated from universities outside Kerala)

✔️ Migration Certificate Original (for candidates from universities other than KTU)

✔️ Allotment Memo

✔️ Fee Payment Receipt (from bank/online transaction)

✔️ Aadhaar Card Copy

✔️ Three Passport-Size Colour Photographs

✔️ Relieving Order and Conduct Certificate from the employer (for candidates employed in Government/Quasi-Government/Banking sectors)

✔️Experience Certificate & NOC from the employer (mandatory for working professionals)

H) Anti-Ragging Policy

In accordance with the directives of the ***Supreme Court of India (SLP (C) No. 24296–24299 of 2004, dated 16 May 2007)***, ragging in any form is strictly prohibited within and outside the institution premises.

Any act of ragging or misconduct towards fellow students will be treated as a ***serious criminal offence*** and will be reported to the appropriate law enforcement authorities. Students found guilty of such acts will face strict disciplinary action, including ***immediate dismissal from the institution***.

The institution strictly adheres to all judicial directives on this matter. A dedicated ***Discipline-cum-Anti-Ragging Committee*** and ***Anti-Ragging Squad*** are in place to prevent, monitor, and address any such incidents, ensuring a safe and respectful campus environment for all students.