

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)[®]

AUTONOMOUS

Hormis Nagar, Mookkannoor (P.O) Angamaly-683577

Accredited by NAAC with 'A+' Grade

An ISO 21001:2018 Certified Institution managed by FBOA Educational Society
(Approved by AICTE and affiliated to APJ Abdul Kalam Technological University)

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ADMISSION PROSPECTUS

(2026 -2027)

M.Tech Programme [2 year]

A) The Institute

The Federal Institute of Science and Technology (FISAT) is an autonomous self-financing private engineering college established and promoted by the Federal Bank Officers' Association Educational Society (FBOAES). The FBOAES is an initiative of the Federal Bank Officers' Association (FBOA), the sole representative body of all Federal Bank officers. Federal Institute of Science and Technology (FISAT) occupies a unique position in South India's Professional Education Sector. FISAT has been designed and developed to become a "Centre of Excellence" in professional education, with the motto "Focus on Excellence." Established in 2002, the college has carved a niche for itself in the education sector, as evidenced by its students' outstanding performance in academics, placements, and extra-curricular and co-curricular activities. FISAT has launched an ambitious plan to improve the quality and value of education while also developing high-quality individuals. The institution is accredited by the National Assessment and Accreditation Council (NAAC) with an 'A+' grade in the 2nd cycle. The National Board of Accreditation (NBA) has accredited six B.Tech programmes. The institution is also ISO 21001:2018 certified. FISAT is in Mookannoor, near Angamaly in Ernakulam District, Kerala, the birthplace of The Federal Bank Ltd. founder, Late K P Hormis, and the campus is named "Hormis Nagar" in his honour. FISAT is affiliated with APJ Abdul Kalam Technological University (KTU) and is approved by the All India Council for Technical Education (AICTE), New Delhi. FISAT offers seven B.Tech engineering programmes, an MBA programme (with specialisations in Finance, Marketing, Human Resource Management, Information System, Production & Operations Management, and International Business), an MCA programme, five M.Tech programmes and PhD programmes. FISAT has been conferred Autonomous Status in the academic year 2025–26, marking a significant milestone in its pursuit of academic excellence and institutional growth.

B) About M.Tech Programme

Rooted in a tradition of excellence and driven by a forward-looking outlook, the institute's Vision and Mission define its commitment to quality education, innovation, and societal impact

Vision

To evolve into a world-class professional institute committed to excellence in education, fostering holistic development, and empowering socially responsible global technocrats to drive sustainable growth through leadership in industry, innovation, research, and community engagement.

Mission

To deliver high-quality professional education that promotes academic excellence, fosters the right attitude, cultivates essential skills, and encourages innovation and global competence through an industry-aligned curriculum and advanced research.

To nurture socially responsible technocrats, impactful leaders, and accomplished management professionals by promoting holistic growth, upholding ethical values, and championing sustainable practices for the advancement of both industry and society

Post Graduate Education and Research in Engineering and Technology has gained distinct importance in the context of National Education Policy (NEP) for National development. The ambitious – Make In India Mission has already started showing targeted results in terms of increased manufacturing sector. The start-ups projects have created a new generation of entrepreneurs in diverse fields of engineering by tapping the vast potential of innovative minds. The skill development mission has attracted a large number of youths to acquire skills of their liking and to convert skills into employment and enterprise. The knowledge, skills and competency of engineers required by industry for enhancing their competitiveness in the market needs to be developed from post graduate education and research in engineering and technology.

With the conferment of Autonomous Status from the academic year 2025–26, the institute is empowered to design and implement its own curriculum, enabling progressive enhancements in pedagogy and the teaching–learning process. The inclusion of mini projects, audit courses, open electives and dissertation are the special features of the curriculum. The students are asked to learn IPR/ research methodology to understand the importance and process of creation of patents through research. The introduction of an audit course covering subjects of developing desired attitude among the learners is on the line of initiatives such as Unnat Bharat Abhiyan, Value education, Disaster management, Pedagogy, Constitution of India, Personality development through Indian culture etc. The introduction of mini projects ensures preparedness of students to undertake major projects/ dissertation. The courses included under open electives are of importance in the context of special skill development and they are on business analytics, industrial safety, operation research and cost management of engineering projects. These courses will make students capable of working in an industrial environment.

M.Tech Programme Objectives

- To prepare the students for a work environment requiring continued growth and prepare students to apply technology to real world applications and problems.
- To prepare individuals for careers in industry, R&D organizations/academic institutions or advanced technical/managerial positions in industry and government.
- To prepare students for work on the cutting edge of technology and prepare them to learn the everyday technical changes as they enter into the working environment.
- To equip students with an in-depth understanding of core and advanced topics in related programmes and teaches students how to use state-of-the-art tools to solve real world problems.
- To blend theory and practice into a learning experience that develops skills applicable to complex real-world problems.

Strengths of M.Tech Programme

- Highly Qualified and Experienced Faculty
- Excellent Academic Ambience with Outcome-Based Education (OBE)
- Strong Emphasis on Research and Development
- Vibrant Global Alumni Network with Strong Institutional Support
- Active Chapters of Leading Professional Bodies (IEEE, ACM, CSI, FFSC, ASME, ASCE, SAE, ISA)
- Fully Automated, Well-Stocked Library (85,000+ books and remotely accessible digital resources)

Important Dates

Last date of Receiving Online Applications: Third day after Publication of S8 B.Tech Result in KTU (Tentatively: 1st June 2026)

Provisional Admission: 30th June 2026 (Tentative)

Note: Exact date will be published in the institute web page

C) Placement/Research/Entrepreneurship Facilities:

Placement & Training Cell:

FISAT probably has one of the best trained students in the state and this is clearly indicated by the high acceptability of its graduates in the industry. A consistent focus on quality has enabled the placement and training cell to make commendable achievements over the years in campus recruitment processes. The fact that all eligible, interested students are able to find a job from campus in spite of the ups and downs in the market has been the highlight of the achievements.

FISAT ensures that the students are groomed according to the requirements of industry. In addition to the persistent academic rigour with focus on quality projects, internships and acquiring updated knowledge, every student is made to go through a series of soft skill enhancement training programs during their course. This holistic approach moulds an industry ready professional who can take up the challenges of the modern world.

The fact that our students are placed in MNCs like IBM, TCS, Infosys, Accenture, SAP, Wipro, CTS, IBS, UST Global, Government and Public Sector companies like BARC, ONGC, Powergrid, Delhi Metro and commercial banks like Federal Bank, South Indian Bank, Core Engineering companies like MRF, Apollo Tyres, Sobha, Procsys, Kalkitech etc speaks volumes about the professional excellence of students.

Research:

The college's mandate includes research as an unavoidable component. The institution provides a neutral environment for its stakeholders to seek knowledge in order to reveal information through research, after which it disseminates knowledge and transfers technical expertise knowledge to the larger neighborhood community

The Research and Development (R&D) Cell at FISAT was established in 2018 as an interdisciplinary research initiative at the institution level, initially named the College Research Cell (CRC). It was renamed the Research and Development Cell in 2023. The R&D Cell is committed to promoting high-quality research among teachers and researchers. It envisions providing adequate infrastructure facilities and other support for collaborative research and product development.

Entrepreneurship:

Federal Institute of Science and Technology (FISAT) has started a mini fabrication laboratory with the support of A P J Abdul Kalam Technological University and Kerala startup mission (KSUM) in the college campus. A Fabrication Laboratory (FabLab) is a technical prototyping platform for innovation and invention which aims at providing stimulus for students and serves as a platform for learning and innovation. It is a small-scale workshop offering digital fabrication which empowers the students and other users to create smart devices for themselves which can be tailored to local or personal needs. The FabLab also becomes a medium for connecting to a global community of learners, educators, technologists, researchers and innovators – essentially becoming a self-sustaining global knowledge sharing network.

FISAT has set up a fully-fledged facility called Federal Labz for incubating start-ups inside the campus. It is a fully air-conditioned space with all modern amenities required for the functioning of a start-up company. The centre plays a catalytic role in promoting indigenous technology development and carrying out research activities at low cost. The potential technology aspirants and entrepreneurs with innovative ideas are nurtured through different phases of growth until their research takes off to a maturity level where it becomes a viable venture. The cutting-edge facilities provided in the Institute, and the expertise offered by faculty who are experienced in their specialised areas, help the aspirants to implement their idea.

FISAT fosters innovation and entrepreneurship through the establishment of an AICTE IDEA (Innovation, Design and Entrepreneurship Application) Lab to promote hands-on learning, innovation, design thinking and prototyping. FISAT has set up the Centre for Future Skills (CFS) in collaboration with the National Skill Development Corporation (NSDC) which offers NSDC-aligned courses and globally recognized certifications to enhance students' employability and future readiness.

D) M.Tech Programmes Offered

- Two year Post Graduate programme consisting of four semesters.
- The course is approved by AICTE and affiliated to the A.P.J. Abdul Kalam Technological University, Kerala

Table 1.1 Intake & Eligible Disciplines

Sl. No.	Specialization (Discipline)	Intake	Eligibility: Disciplines or related disciplines recognized as eligible by the University
1	M.Tech-Artificial Intelligence and Data Science (CSE)	Regular:12 Working Professionals:15	Computer Science and Engineering, Artificial Intelligence, Artificial Intelligence and Data Science, Artificial Intelligence and Machine Learning, Computer Science and Business Systems, Computer Science and

			Design, Computer Science and Engineering (Cyber Security), Computer Science and Engineering (Artificial Intelligence and Machine Learning), Computer Science and Engineering (Artificial Intelligence), Computer Science and Engineering (Data Science), Computer Science and Engineering (Digital Forensics and Cyber Security), Information Technology, Electrical and Computer Engineering, Electronics and Computer Engineering, Electronics and Communication Engineering, MCA, M.Sc. Computer Science, M.Sc. in Mathematics / Statistics.
2	M.Tech-Power Electronics and Power Systems (EEE)	12	Electrical and Electronics Engineering, Electrical and Computer Engineering
3	M.Tech-Renewable Energy (ME)	Regular: 12 Working Professionals:15	Any UG Programme of Engineering / Technology
4	M.Tech-VLSI & Embedded Systems (ECE)	12	Electronics and Communication Engineering, Applied Electronics and Instrumentation Engineering, Electronics & Biomedical Engineering, Biomedical Engineering, Instrumentation and Control Engineering, Electronics and Computer Engineering, Electrical and Electronics Engineering, Electrical and Computer Engineering, M.Sc. Electronics/Physics.
5	M.Tech-Structural Engineering & Construction Management (CE)	24	Civil Engineering, Civil and Environmental Engineering, Naval Architecture & Ship Building Engineering.

E) Eligibility Criteria for Admission

Eligibility Criteria Common to Regular Candidates and Working Professionals

- The candidate should have a minimum CGPA of 6.0 on a 10-point scale in the

Engineering Degree Examination. For SEBC (OBC) students, the minimum CGPA requirement is 5.5 on a 10-point scale. For SC/ST candidates a pass in the Engineering Degree Programme is sufficient.

- Candidates who have passed AMIE / AMIETE Examinations are also eligible for admission.
- Candidates who have degrees awarded from other Universities shall submit Eligibility Certificate as well as Migration Certificate at the time of admission.
- Sponsored candidates from Industries, R&D organizations, National Laboratories as well as Educational Institutions, are eligible for admission to the M.Tech Programme.
- The reservation policy of the Government of Kerala shall be followed in admission to the M.Tech programme.
- Candidates who have appeared for the final examination can also apply provided he/ she has passed all the subjects up to and including the 6th semester exam. Selection of such candidates shall be subject to the production of qualifying degree satisfying clauses.
- Admission procedure is subject to modification as may be deemed necessary subject to further orders, if any, passed by appropriate authorities.

Additional Eligibility Criteria for Working Professionals

- The applicant seeking admission to the course should be a professional/ employee working in Registered industry / Organization (Central / State) / Private/ Public Limited Company/ MSMEs located within 80 Km radial distance from the institute in which admission is sought. In proof thereof the applicant shall submit proof of employment from the Employer in the form of an Employment Certificate to be produced.
- The applicant should have been employed in the Registered industry / Organization (Central / State) / Private/ Public Limited Company/ MSMEs for a minimum continuous period of ONE Year on Full time basis. In proof thereof the applicant shall submit proof of continuous employment and conduct from the Employer in the format attached to these guidelines of a Certificate to be produced.

- The eligibility criteria for admissions to the various M.Tech programmes for Working Professionals that are sanctioned, shall strictly be as per the prospectus issued annually by the DTE for admission to the various M Tech programmes.
- There shall be no age limit to apply for admission to the course.
- Timings for conduct of classes normally shall be in the evening hours/ any flexible convenient timings (including weekends/ holidays).
- The applicants seeking admission to M.Tech degree programme shall apply to the college and DTE and admissions made based on merit and reservation as followed for admission to regular M.Tech degree programmes.

F) Admission

Govt. Quota

50% of the total seats in each of the courses are set apart as Govt. quota seats. Candidates interested in Govt. quota seats must register their names online in the website of Director of Technical Education (DTE) www.dtekerala.gov.in. as per their notification expected shortly. DTE will prepare a rank list by considering the candidate's Gate score/aggregate marks obtained up to 6th semester in qualifying degree examination. Based on the ranking by DTE, the seats can be filled by the FISAT Admission office, if the candidate has separately given the application in FISAT for the admission as per G.O (P)208/66/Edn. dated 02-05-1966. G O (MS) 95/08/SCSTDD dated 06-10- 2008 and as modified from time to time by the Govt.

Management Quota

The remaining 50% of seats are under management quota. Admission to Management seats is conducted by the Management. Admission is based on merit. Applications are available online. Candidates need to submit only one online application for Govt./Management Quota.

G) Fee Structure

M TECH 2026 ADMISSION I Semester FEE		
1	Admission Fee	100
2	Tuition Fee	35000
3	Other Fees	9495*
		44595

4	Cautious Deposit	5000
TOTAL		49,595

M TECH 2026 ADMISSION II Semester FEE		
1	Tuition Fee	35000
Total		35,000

M TECH 2026 ADMISSION III Semester FEE		
1	Tuition Fee	35000
2	Other Fees*	5240*
Total		40,240

M Tech 2026 Admission IV Semester Fee		
1	Tuition Fee	35000
Total		35,000

* Fees are subjected to changes by Government/university orders from time to time

* Skill Development Courses will be charged extra.

H) How to Apply

- Candidates can submit applications ONLINE using the FISAT admission portal.
- Applications should be complete in all respects. A candidate will be considered for admission only if he/she has furnished the relevant certificates prescribed in the Prospectus, in proof of eligibility.

Online Application Form & Information Brochure available on the webpage:

<https://fisat.ac.in/admission/>

Candidates need to apply ONLINE only:

<https://register.fisat.ac.in/mtech/>

Contact Details:

Course	Contact Person
M.Tech-Artificial Intelligence and Data Science (CSE) - (Regular and Working Professionals)	Mrs. Preethi N P, Assistant Professor, Dept. of Computer Science and Engineering Ph: 8086201858
M.Tech-Power Electronics and Power Systems (EEE)	Mrs. Deepa K, Asst. Professor (Senior Grade), Dept. of Electrical and Electronics Engineering Ph: 8281968115
M.Tech-Renewable Energy (ME) - (Regular and Working Professionals)	Dr. Devi Parvathy S, Assistant Professor, Dept. of Mechanical Engineering Ph: 8281928790
M.Tech-VLSI & Embedded Systems (ECE)	Dr. Anil Kumar M N, Professor, Dept. of Electronics and Communication Engineering Ph: 9656927612, 7306341694
M.Tech-Structural Engineering & Construction Management (CE)	Ms. Lidiya PM, Assistant Professor, Dept. of Civil Engineering Ph: 9645576544

Documents to be submitted at the time of admission

The following certificates have to be produced in original at the time of admission

- ✓ SSLC/ Secondary Examination Certificate in original for proof of age with 2 self-attested copies
- ✓ Mark List and Pass Certificate (wherever applicable) of Plus II/ Equivalent in Original.
- ✓ Degree certificate and Mark list of Degree Original with 2 self-attested copies
- ✓ Physical fitness certificate from a Government Medical practitioner
- ✓ Transfer Certificate in original from the Institution last studied
- ✓ Course and conduct certificate from the Head of the Institution last studied

- ✓ Eligibility certificate from KTU for students who passed degrees from Universities out of Kerala.
- ✓ Three passport size (color) photographs.
- ✓ Allotment Memo
- ✓ Fee receipt obtained from bank
- ✓ Migration certificate (original) for students who passed degrees from universities other than KTU.
- ✓ Aadhar card copy
- ✓ A candidate who is employed or is a trainee in Govt./ Quasi Govt./ Banks, etc shall at the time of interview produce a relieving order and a certificate of good conduct from the head of the institution where the candidate was employed.
- ✓ Experience Certificate from Employer (for working professionals)

Caution against Ragging

As per the order of the Supreme Court of India in the SLP© No. 24296-24299 of 2004 dated 16/5/07, ragging is strictly prohibited inside or outside the institution. Ragging/ any type of misconduct towards any student either in the college campus or outside will be considered as a criminal offence and will be immediately reported to the Police. Perpetrators will not be permitted to continue the studies. The court orders related to this subject will be strictly followed. A Discipline cum Anti ragging Committee and Anti ragging squad as envisaged in Supreme Court order is functioning in the college to monitor such activities.

How to reach us?

The campus is at Hormis Nagar, Mookkannoor near Angamaly. A vast stretch of land comprising over 40 acres forms the campus. The campus is within a radius of 4 km from NH-47, 10 km from Angamaly Railway station and 12 km from Kochi International Airport. Mookkannoor is well connected by road to Angamaly from where a number of private and KSRTC buses make frequent trips to Mookkannoor and other destinations.

Address:

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