Federal Institute of Science and Technology (FISAT)

Hormis Nagar, Mookkannoor (P.O)

Angamaly-683577

INFORMATION BROCHURE

M.Tech. Admissions 2026

A. The Institute

The Federal Institute of Science and Technology (FISAT) is a 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 9001:2015 certified. FISAT is located 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

B. About M.Tech. Programme

Post Graduate Education and Research in Engineering and Technology has gained distinct importance in 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 vast potential of innovative minds. The skill development mission has attracted 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 need to be developed from post graduate education and research in engineering and technology.

By incorporating changes in pedagogy and delivery system in teaching and learning process, APJAKTU has revised the curriculum for M.Tech from the AY 2022-23. The inclusion of mini project, 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 project. These courses shall make students capable to work in industrial environment.

1. 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

SI. No.	Specialization(Discipline)	Intake Seats	Eligible Discipline: For the Admission: The following 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 Engg. & Construction Management**(CE)**	24	Civil Engineering, Civil and Environmental Engineering, Naval Architecture & Ship Building Engg.

2. Eligibility Criteria for Admission

i) Eligibility Criteria Common to Regular Candidates and Working Professionals

- The candidate should have a minimum CGPA of 6.0 in a 10-point scale in the Engineering Degree Examination. For SEBC (OBC) students, the minimum CGPA requirement is 5.5 in 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.

ii) Additional Eligibility Criteria for Working Professionals

- The applicant seeking admission to the course should be a professional/ employee working in Registered lndustry / 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 on the basis of merit and reservation as followed for admission to regular M.Tech degree programmes.

3. Admission

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

4. Fee Structure

Scholarship will be available based on merit and means.

M TECH 2026 ADMISSION I SEM FEE		
1	ADMISSION FEE	100
2	TUTION FEE	35000
3	OTHER FEES	9495*
		44595
10	CAUTION DEPOSIT	5000
TOTAL		**49,595**

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

M TECH 2026 ADMISSION II SEM FEE	
1	TUTION FEE	35000
TOTAL	**35,000**

M TECH 2026 ADMISSION III SEM FEE	
1	TUTION FEE	35000
2	OTHER FEES*	5240*
TOTAL	**40,240**

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

M TECH 2026 ADMISSION IV SEM FEE	
1	TUTION FEE	35000
TOTAL	**35,000**

C. How to Apply

Candidates can submit applications **ONLINE**

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.

During the online application process, the candidate is required to fill the form online and pay the application fees of Rs. 350 (Net banking/Debit card/Credit card), update the marks when available, and upload the necessary documents

Contact Details:

Course	Contact Person
M.Tech-Artificial Intelligence and Data Science(**CSE**) - **(Regular and Working Professionals)**	**Mrs. Preethi NP , Assistant Professor, Dept. of Computer Science Engineering** **Ph: 8086201858**
M.Tech-Power Electronics and Power Systems(**EEE**)	**Mrs. Deepa K, Asst. Professor(Senior Gr Dade) , 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 MN, Professor, Dept. of Electronics and Communication Engineering** **Ph: 9656927612, 7306341694**
M.Tech-Structural Engg. & Construction Management(**CE**)	**Lidiya P M, Assistant professor, Department of Civil Engineering** **Contact No: 9645576544**