



## ALBERTIAN INSTITUTE OF SCIENCE AND TECHNOLOGY

### AISAT - Technical Campus, School of Engineering

Archbishop Angel Mary Nagar, Cochin University P.O., Kalamassery,  
Kochi – 682 022, Kerala, India,

(Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University, Thiruvananthapuram  
(ISO 9001: 2008 Certified)

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## PROSPECTUS FOR ADMISSION TO M.TECH DEGREE PROGRAM IN ENGINEERING, 2017-2018

### A. The Institute

Albertian Institute of Science and Technology, AISAT – Technical Campus, Kalamassery is an undertaking of the Archdiocese of Verapoly – an Archdiocese which has a track record of centuries serving in the field of education, healthcare and social service. This great legacy of the Archdiocese, the experience and expertise of the stakeholders and the easy accessibility are some of the major strengths of AISAT. AISAT is located in the industrial belt of Kochi City, HMT Road, Kalamassery. 25 years back, this land was blessed by the gracious visit of Saint John Paul II.

AISAT was blessed by His Grace Dr. Francis Kallarakal, the Metropolitan Archbishop of Verapoly, on August 31, 2011 for which the foundation stone was laid on July 22, 2010. The college is affiliated to APJ Abdul Kalam Technological University, Thiruvananthapuram and ISO 9001-2008 certified. Besides M. Tech in Civil Engineering, the college offers B. Tech courses in Civil Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Science & Engineering.

### B. Programme Offered

The Institute offers Master of Technology Programme in Geomechanics & Structures (Civil Engineering). The course leading to the degree of Master of Technology will span over a period of Four Semesters (two years).

The aim of the programme is to train the students in deeper theoretical knowledge which will enable them to tackle practical complex problems of design and development in industrial fields, as well as pursue further academic achievements through research.

Branch	Specialization	Duration	Seats
Civil Engineering	Geomechanics & Structures	2 Years (4 semesters)	18

### C. Admission Process

According to the directive given by Director of Technical Education, Kerala, 50% of the M.Tech seats will be filled by the College from the rank list published by DTE. Remaining 50% of the M. Tech seats will be filled by the College on merit.

For both categories candidates have to apply at the College.

**For the 50% allotted by the College from the Rank List published by DTE:-**

Candidates should have applied online to DTE. They have to apply to the College also. GATE qualified candidates will be selected from the rank list published by DTE.

**For the 50% seats in College Merit:-**

Candidates are requested to apply to the college directly. GATE qualified candidates will have preference. To prepare the rank list for College merit, score (in percentile) of GATE 2017/2016, marks obtained in qualifying examination, admission test/ interview conducted by the College and industry/teaching experience will be considered.

Weightage will be given as shown below:

GATE score - 60%; Marks obtained in Qualifying Degree - 20%; Admission Test/Interview conducted by the College - 15 %; Experience - (max.) 5%.

**D. Eligibility for Admission**

The candidate must have a Bachelor's degree in Engineering/Technology or equivalent examination in the relevant discipline as mentioned below as per KTU norms:

Branch	Specialization	Eligibility
Civil Engineering	Geo mechanics & Structures	B. Tech/B.E in Civil Engineering minimum 60% aggregate or equivalent.

**E. Other Eligibility Criteria**

- (i) The candidate shall be an Indian National.
- (ii) The candidates should have undergone the Graduate course in an Institution approved by the AICTE and Universities/ Deemed Universities in India.
- (iii) Candidates should have a minimum of 60% marks aggregate in Engineering Degree examination. For SC/ST candidates a pass in the Engineering Degree course is sufficient. For SEBC (OBC) students, a minimum of 54% aggregate marks in the Engineering Degree examination is mandatory.
- (iv) Candidates, who have passed AMIE/AMIETE Examinations and satisfying the following conditions , are also eligible for admission:
  - a. They must have a valid GATE score
  - b. A minimum of 55% marks for section B in AMIE/AMIETE examination.
  - c. Minimum 3 years of Professional experience in the field of specialization after acquiring qualifying degree.
- (v) Candidates who have appeared for the final semester examination can also apply, provided he/she has passed all the subjects up to and including the 6<sup>th</sup> semester exam. Those who are having valid GATE score and who are waiting for the result of the supplementary examinations of the above or previous semesters can also apply. Confirmation of admission

of such candidates shall be subject to the production of qualifying degree -satisfying clauses F (i) to (iv) as applicable on or before November 30, 2017.

(vi) Admission shall normally be restricted to those with valid GATE score. However, this stipulation is relaxed in the case of sponsored candidates.

(vii) In case seats remain vacant due to the lack of candidates with valid GATE score, candidates from Kerala state without valid GATE score will be considered against such vacancies. If seats are still remaining vacant, candidates from other states will be considered for admission.

#### F. Distribution of Seats

	Open Merit	SC/ST	SEBC	Latin Catholic
Based on the list published by DTE	7	1	1	-
Based on College Merit	8	-	-	1

#### G. Fee Structure

Tuition Fee	₹ 35000 (per semester)
Admission Fee	₹ 500
Student Admn. Fee to University & proportionate fee for statutory bodies.	₹ 1500
<b>TOTAL</b>	<b>₹ 37000</b>

*Note: Increase in fee, if any, as decided by the government/statutory body, also has to be paid by the candidate.*

#### H. Refund of Fee

Refund of fee will be applicable only to students who leave the college on cancellation of admission on or before the last date prescribed. The amount of fees collected will be refunded to the candidates only after the closing of admission for the year. No interest will be paid to the candidates.

#### I. Liquidated Damages

The candidates who obtain admission and discontinue studies after the date specified as per the schedule will be liable for forfeiture of the fees paid and also will be liable to pay liquidated damages equivalent to Tuition fee and Special fee for the remaining period of the course. In all such cases, the Transfer Certificate will be issued only after remitting the liquidated damages to the concerned authorities.

#### J. Documents required

Candidates are required to bring following documents at the time of counseling:

- (i) S.S.L.C/S.S.C/Equivalent certificate.
- (ii) +2/equivalent certificate.
- (iii) GATE score card (for Candidates with valid GATE Score).
- (iv) Mark list of B. Tech/B.E degree examination (for all the semesters up to S7).
- (v) Non-Creamy Layer Certificate issued by the village officer for candidates who claim eligibility under SEBC (OBC) quota.

- (vi) Copy of relevant page containing candidates name in the rank list published by DTE (To be considered for admission from the rank list published by DTE, Kerala. This is not necessary to consider in college merit seats).
- (vii) Transfer Certificate from the Institution last attended.
- (viii) Conduct Certificate from the institute last attended issued within six months from the date of application.
- (ix) Community & Income certificate for relevant category.
- (x) True copy of professional experience certificate from the Head of the organizations where the candidate is working in case of those who passed AMIE/AMIETE.
- (xi) Three passport size photographs.
- (xii) Certificate from Parish Priest for relevant category.
- (xiii) Medical fitness certificate.
- (xiv) Affidavits by student & parent regarding ragging.

### **K. Tentative Schedule for M.Tech Admission (College Merit Seats)**

No.	Particulars	Date *
1.	Start of Admission Process	<b>June 06, 2017</b>
2.	Last Date for Submission of Application	<b>July 10, 2017</b>
3.	Publication of Rank List	<b>July 12, 2017</b>
4.	Document Verification, Counseling and Admission	<b>July 14, 2017</b>
5.	Commencement of classes	<b>Will be notified on the website</b>

*\*Tentative and may vary as per direction from competent authority*

### **L. Scholarship**

Scholarship is available for candidates with valid GATE score as per AICTE norms for the total period of 24 months subject to the following conditions, provided all the required documents are submitted in time:

- (i) Each student shall undertake 8 to 10 hours of work per week related to teaching and research activities as assigned by the institution.
- (ii) The students must secure first class or equivalent during the first semester examination to become eligible for continuance of scholarship.
- (iii) The student shall give an undertaking to effect that he/she will not leave the course midway or appear for any competent examination not related to Engineering and Technology.
- (iv) The students shall not receive any emoluments, salary, stipend etc. from any other source during the course of the study.

### **M. Research Facilities**

The Civil Engineering department has well equipped research laboratories and workshop facilities. In addition, there are a number of central facilities, which include Computer Centre, Library and Central Workshop.

## **N. Our Highlights**

AISAT maintains MoUs with:

- Indian Geotechnical Society, Kochi Chapter(IGS)
- Association of Piling Specialists, Kochi (APS)
- Builders Association of India (BAI)
- Association of Structural and Geotechnical Consultants (ASGC)
- Indian Concrete Institute (ICI)
- Federation of Registered Civil Engineers (FORCE)
- Graduate Association of Consultant Engineers (GRACE)

They provide opportunities for the field/ industrial training of AISAT M. Tech students. These professional bodies will also be closely associated with the conduct of the P.G. course so that the gap between the academia and industry is reduced to the minimum.