



## **FACULTY OF ENGINEERING & TECHNOLOGY**

**M.E. / M.Tech. Degree Programmes**

**PROSPECTUS : 2024 – 2025**  
(Information & Instructions to Candidates)

**University website: [www.annamalaiuniversity.ac.in](http://www.annamalaiuniversity.ac.in)**



## **Annamalai University**

In the early 1920s, to serve the downtrodden and to promote Tamil Literature, Rajah Sir S.R.M. Annamalai Chettiar founded Sri Minakshi College and Sri Minakshi Tamil College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929) amidst a rural environment serving all the disadvantaged districts of Tamil Nadu.

Subsequently, Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), came into force from September 25, 2013, after obtaining the assent of His Excellency, the President of India. The Act of 2013 has been amended by enactment of Act No. 32 of 2021 to render the University as an affiliating University. Consequently the Colleges situated in the districts of Villupuram, Cuddalore, Kallakurichi and Mayiladuthurai have been affiliated to Annamalai University.

### **Accolades**

Annamalai University, accredited with 'A+' Grade (3.38 CGPA) by **NAAC** in 2022, is one of India's largest public residential universities with 8 Faculties and 57 departments/centre/division of study. Sprawling over 950 Acres of land, the University does yeoman service in taking education to the door steps of the people who are otherwise far from access to centres of higher learning. The University has initiated several innovative teaching programmes over the years that are progressive & human resource centric; Offering 'current-cum-next-gen' academic and research programmes that are global & national in character. A systematic introduction of Learning Outcome Based Curricula (LOBE) that bear remarkable relevance to the UNO's Sustainable Development Goals (SDG) is the hall mark of University's Curriculum design. Besides, Annamalai University has been a pioneer in distance education.

### **Research & Partnership**

Annamalai University has a commendable track record in projects and publications and has been awarded the PURSE Programme by the Department of Science and Technology. Ten departments are supported by UGC-SAP, Ten by DST-FIST and two departments have attained the status of Centre of Advanced Study. Annamalai University has joint research and innovation partnerships with 24 institutions across the USA, Europe, Australia, Japan, and the UK. The list of partners includes prestigious institutes like Karolinska Institute, John Hopkins University, and University of Michigan amongst others. Though located in a rural environment the university is bringing out high quality research and extension as reflected by higher citation related metrics and higher societal impact brought out by popular articles and news flashes.

There are several ongoing research projects in collaboration with international foundations and industrial players like Bill & Melinda Gates Foundation, United States Agency for International Development (USAID), Department of Science and Technology (DST), Department of Biotechnology (DBT), The Ministry of Environment and Forests (MoEF), Defense Research & Development Organization (DRDO) etc.,

**Institutional Social Responsibility Activities** of the University includes, Hospital on Wheels, Free Medical and Dental Camps in Villages, Lifestyle & Hygiene Awareness, Rural & Urban Health Centres through the Faculty of Medicine and Dentistry which is attached with a 1400 bedded hospital. The Faculty of Agriculture carries out extension activities like Agripreneurship Development Programme, Sustainable Livelihood Projects for Tsunami affected people and Training Farmers in Integrated Farming.

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## **I. FACULTY OF ENGINEERING & TECHNOLOGY**

The Faculty of Engineering and Technology (FEAT) was established in the year 1945, as the Second Engineering College of the then composite Madras State. The FEAT proudly celebrated its Golden Jubilee in the year 1996 and Diamond Jubilee in the year 2005.

FEAT has eleven departments namely Civil Engineering, Civil and Structural Engineering, Mechanical Engineering, Manufacturing Engineering, Electrical Engineering, Electronics and Instrumentation Engineering, Chemical Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Information Technology and Pharmacy.

**THE B.E. DEGREE PROGRAMMES IN CIVIL ENGINEERING AND MECHANICAL ENGINEERING HAVE BEEN ACCREDITED BY NATIONAL BOARD OF ACCREDITATION (NBA) FOR THREE YEARS IN THE FIRST INSTANCE FROM 2019-2020 TO 2021-22 AND FURTHER EXTENDED FOR THREE MORE YEARS FROM 2022 – 2023 TO 2024 – 2025 .**

**THE B.E. DEGREE PROGRAMMES IN CHEMICAL ENGINEERING, COMPUTER SCIENCE & ENGINEERING AND ELECTRICAL & ELECTRONICS ENGINEERING HAVE BEEN ACCREDITED BY NBA FOR 3 YEARS FROM ACADEMIC YEAR 2022-23 TO 2024-25.**

**THE B.E. DEGREE PROGRAMMES IN CIVIL AND STRUCTURAL ENGINEERING, & ELECTRONICS AND COMMUNICATION ENGINEERING HAVE BEEN ACCREDITED BY NATIONAL BOARD OF ACCREDITATION (NBA) FOR THREE YEARS FROM 2019-2020 TO 2021-2022.**

### **ACTIVITIES IN FEAT**

- Academic programmes leading to the award of Bachelor, Master, and Doctoral degrees along with Diploma and Certificate Programmes in selected fields.
- Research programmes for Students, Faculty, and Professional staff.
- Special programmes, conferences, seminars, short term programmes, and consultancy services.
- Collaborative research programmes in co-ordination with government/non-governmental organizations.
- Extension services.

### **MEMORANDUM OF UNDERSTANDING (MoU)**

The Faculty of Engineering has entered into MoU with:

- Fukui University of Japan to enable the academic exchange of the Staff and Students between Annamalai University and the Fukui University.
- University of Technology, Sydney, Australia, for promotion of technical collaborations.

- The Department of Manufacturing Engineering has signed MoU with Kumamoto University, Japan and National Institute of Interdisciplinary Science & Technology (NIIST) for Collaborative Research in Materials Processing.
- Department of Pharmacy, FEAT has entered into a MoU with University of Michigan Center for Global Health, USA and Western University of Health Sciences, California USA for promotion of Academic & Research Collaboration in the area of Pharmacy Practice.
- The Department of Electronics and Instrumentation Engineering has entered into a MoU with Herriot Watt University, Edinburgh, U.K. for staff and student exchange and collaborative research in the area of Biomedical Engineering.
- NLC India Limited, Neyveli for offering Diploma in Mining Engineering Programme

### **Training and Placement Cell**

Salient features of the activities of Training & Placement Cell, Faculty of Engineering and Technology, Annamalai University are:

- Organizing Pre-Placement Trainings
- Providing Placement Assistance through Campus Drives with Industries of Repute
- Enhancing Employability through Upskilling Programs
- Arranging Internships in industries
- Conducting career guidance sessions about avenues open after graduation
- Preparing the students for various Competitive Exams

Every year, the campus placements are conducted by inviting the companies through campus drives. An average of 70- 80 percent of the eligible students have got placements both in Core and IT sectors through campus drives.

### **Some of our Recruiters are:**

- L & T
- Tech Mahindra
- Schneider Electric
- Wheels India
- Azentio
- HCL Technologies
- TCS
- JSW
- SPIC
- NLC India Limited
- Super Auto Forge
- Cetex Petrochemicals

- Craft Silicon
- Sai Life Sciences
- Apollo Pharmacy
- Episource
- Axis Global Automation
- ATOS Global IT Solutions
- E-parambara
- Tagros Chemicals Pvt. Ltd.
- TAC

### **Choice Based Credit System (CBCS)**

From the academic year 2000-2001, Choice Based Credit System is in vogue in the Faculty for all Under-graduate and Post-graduate programmes. These programmes offer a package of certain core courses and some elective courses that allow for effective interaction among students from different disciplines. The novelty of the programme consists of inter-disciplinary curriculum with a pronounced inclination towards industry oriented needs.

#### **1.1 Branches of Study**

The following programmes are offered by Faculty of Engineering & Technology, Annamalai University.

#### **Post Graduate Programmes Offered**

##### **a) M.E /M.Tech Degree Programmes**

The following P.G. Programmes are offered during the year **2024-2025**.

- 1) M.E. Environmental Engineering (Full-Time)
- 2) M.E. Structural Engineering (Full-Time)
- 3) M.E. Thermal Power Engineering (Full-Time)
- 4) M.E. Manufacturing Engineering (Full-Time)
- 5) M.E. Power System Engineering (Full-Time)
- 6) M.E. Communication Systems (Full-Time)
- 7) M.E. Process Control and Instrumentation (Full-Time)
- 8) M.E. Chemical Engineering (Full-Time)
- 9) M.E. Computer Science and Engineering (Full-Time)

##### **b) MASTER OF PHARMACY PROGRAMMES**

- 1) Master of Pharmacy (Industrial Pharmacy)
- 2) Master of Pharmacy (Pharmaceutical Quality Assurance)
- 3) Master of Pharmacy (Pharmacology)

### Duration of the Programme

The duration of all the courses offered is two academic years comprising of four semesters for Full-Time (M.E. / M.Tech.).

## II. FEE & SCHOLARSHIP

### 2.1 Tuition Fee

The details of Tuition Fee to be paid by the candidate are as follows

S. No.	Name of the Programme	I Installment (To be paid at the time of admission) (₹)	II Installment (₹)	Total Fee per annum (₹)
1.	M.E./M.Tech. All Branches (Except M.E. Power System Engineering, Process Control and Instrumentation, Computer Science, Rehabilitative Instrumentation, Embedded Systems, Communication Systems, Microelectronics & MEMS), Information Technology (Full-Time)	29,360/-	25,700/-	<b>55,060/-</b>
2.	M.E. Power System, Process Control and Instrumentation, Computer Science, Rehabilitative Instrumentation, Embedded Systems, Communication Systems, Microelectronics & MEMS, Information Technology (Full-Time)	33,360/-	29,700/-	<b>63,060/-</b>

**Note : The first instalment has to be paid at the time of admission.**

### 2.2 Hostel Fee

Annamalai University is a residential University. Adequate Hostel accommodation is available. Candidates are advised to stay in the Hostel. The room rent and establishment charges are as given below:

Name of the Programme	Hostel Name	Caution Deposit (₹)	Annual Hostel & Mess Charges (₹)	Total Fee per annum (₹)
M.E. / M.Tech.	R.S.A. Hostel (for Men)	5,000/-	45,000/-	<b>50,000/-</b>
	E.T.G.J. Hostel (for Women)			
SC/SCA/ST Students	(any hostel)	5,000/-	19,000/- #	<b>24,000/-</b>

# This fee will cover room rent, Electricity & Water charges, Establishment and miscellaneous charges only. The Mess fees of Rs.27,000/- will be adjusted from their Scholarship amount received from SC/ST Post Metric Scholarship and Higher Education Special Scholarship. If the Scholarship amount received is less than Rs.27,000/- the balance amount should be paid by the students.



## 2.3 SCHOLARSHIP

The students of Annamalai University can avail the Government Scholarships subject to eligibility.

### Scholarships Sanctioned By the Government of Tamil Nadu

- 1) **Application Fee Concession to SC/ST and Converted Christian Students:** Entrance/ Course Application fees concession is granted to students belonging to SC/ST Community and Converted Christian by the Government Tamil Nadu (G.O. No. 111. 22.09.1998).
- 2) **Tuition Fee Concession to SC/ST and Converted Christian Students:** Full Tuition fee concession is granted to students belonging to SC/ST community and converted Christian under the rule 92 of Tamil Nadu Education Rules by the Government of Tamil Nadu [92-TNER].
- 3) **SC/ST Communities** whose Parent's/Guardian's income from all sources should **not exceed ₹2,50,000/- per annum, and Converted Christian (converted from SC/ST) ₹ 2,00,000/- per annum.**
- 4) **Other State Scholarship:**
  - i. Other State Scholarships for SC/ST/BC/OBC/EBC students.
  - ii. Puducherry State Scholarships only for Puducherry SC/ST Students.
  - iii. "ISHAN UDAY" Scholarship for Northern Eastern Region Students.
- 5) **Minority Scholarship:** Minority Scholarship award on the basis of merit cum means for minority community students.
- 6) **Higher Education Special Scholarship:** In addition to the Post Metric Scholarship, Higher Education Special Scholarship is awarded to the hostel students belonging to SC/ST and Converted Christian community and the number of scholarship is limited by the Government. The Annual income from all sources should not **exceed ₹ 2,50,000/- per annum.**
- 7) **BC/MBC/DNC Scholarship:** The Scholarship will be awarded to the Students belonging to **BC/MBC/DNC** communities whose Parent's/ Guardian's income from all sources should not **exceed ₹ 2,00,000/- per annum.**
- 8) **Fee Concession to Blind Students:** Under rule 92 (TNER), Full Tuition fees concession is granted to blind Students belonging to all communities whose parents/Guardians annual Income should not exceeds **₹ 2,50,000/-.**

<p><b>Note:</b> For all Scholarship, Income Certificate taken after April <b>2024</b> should be produced.</p>
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### Fellowship / Scholarship sanctioned by various Funding Agencies

1. UGC Scheme for award of Post Graduate Scholarship for professional courses for SC/ST candidates.
2. Post Graduate Indira Gandhi Scholarship for single girl Child: This is only for the Candidate who happens to be single Girl child of the family (having no brother or sister) and who has taken admission in regular full time Master Degree course in recognised University or a Post Graduate College in conventional basic subject.

**Note:** This advertisement of the above Research Schemes will be published in all leading news papers and also the Guidelines available on the respective Website of the funding agencies.

## 2.4 STIPEND

Candidates admitted to M.E. / M.Tech. degree programmes through TANCET are eligible to get a stipend from the Ministry of Higher Education, Government of Tamil Nadu, based in merit score in TANCET as per G.O. (MS) No.220, HE (J1) Department dated 15.11.2021.

Candidates who have passed the GATE examination will be eligible to get a stipend from AICTE. The continuation depends on the performance in M.E. / M.Tech. Examination.

## III. M.E. ELIGIBILITY CRITERIA

### Eligibility for M.E. / M.Tech. Degree Programmes (Full-Time)

Candidates, who have passed the Bachelor's Degree Programme of this University or any other University recognized as equivalent thereto by this University, are eligible for admission to the Masters Programmes.

**i) M.E. Environmental Engineering**

B.E. /B.Tech. Civil Engg. / Civil and Structural Engg./ Environmental Engg. / Mechanical Engg. / Industrial Engg. / Chemical Engg. / Biochemical Engg. / Biotechnology / Industrial Biotechnology / Chemical and Environmental Engineering Graduates.

**ii) M.E. Structural Engineering**

B.E. Civil Engg. / Civil and Structural Engineering Graduates.

**iii) M.E. Thermal Power Engineering**

B.E./B.Tech. Mechanical / Manufacturing / Automobile Engineering Graduates.

**iv) M.E. Manufacturing Engineering**

B.E./ B.Tech (Mechanical / Production / Manufacturing/ Metallurgy Automobile / Aeronautical / Marine Materials Science Engineering) Graduates.

**v) M.E. Power System Engineering**

B.E/B.Tech Electrical and Electronics Engg. / AMIE in the relevant discipline is considered equivalent to B.E Graduates of any other authority accepted by the syndicate of this university as equivalent to thereto.

**vi) M.E. Communication Systems**

B.E./ B.Tech./ Electronics and Communication Engineering / Electrical and Electronics Engineering / Instrumentation and Control Engineering Graduates.

**vii) M.E. Process Control and Instrumentation**

B.E. – Electronics and Instrumentation Engineering / Electrical and Electronics Engineering / Electronics and Communication Engineering / Instrumentation and Control Engineering / Instrumentation Engineering / Mechatronics / Biomedical Instrumentation Graduates.

**viii) M.E. Chemical Engineering**

BE/ B.Tech Chemical Engineering / Petroleum Engineering / Petrochemical Technology.

**ix) M.E. Computer Science and Engineering**

BE/ B.Tech Computer Science and Engineering / B.E. Computer Science and Engineering (Artificial Intelligence and Machine Learning / B.E. Computer Science and Engineering (Data Science) / Software Engineering / Electronics and Communication Engineering / Information Technology Graduates.

## IV. ALLOCATION OF SEATS

### Reservation of Seats

Reservation of seats for candidates belonging to ST/SC/SCA/MBC/BC/ BCM/OC communities will be made as per the Rules of Reservations of the Government of Tamil Nadu.

Among the above reservations, 5% seats have been included for differently abled persons as per norms laid down by the Government of Tamil Nadu.

## V. MODE OF SELECTION

Candidates who are interested in joining these programme for M.E./M.Tech. at Faculty of Engineering and Technology, Annamalai University, for the academic year 2024-2025 should have applied and also appeared for the counselling to be conducted by the Tamil Nadu Common Entrance Test, Government of Tamil Nadu, Chennai, the dates of which would have been announced by the TANCET. The details are available in the website [www.annauniv.edu](http://www.annauniv.edu) / Our University Web Site [www.annamalaiuniversity.ac.in](http://www.annamalaiuniversity.ac.in).

## VI. CODE OF CONDUCT

The following code of conduct shall be observed by the students who are admitted.

- i. The students should conduct themselves in an exemplary manner so as to be model for other students.
- ii. All students will have to strictly adhere to the rules and regulations of the University.
- iii. **RAGGING:** The candidates should not indulge or participate in any kind of ragging. If they are found to have indulged in ragging in the past, or noticed later, the candidates will be removed from the roll of the institution at whatever stage of study and criminal action will be taken against the candidates.
- iv. **If any student is involved in ragging or any other anti- social activities, he/she will be expelled and criminal proceedings may be launched against him/her.**
- v. The students should be present during all working days and sincerely apply themselves to studies.
- vi. The students should attend the classes regularly and punctually and should fulfil the attendance requirement of 75% as prescribed by the University, to be eligible to appear for the University Examinations.

- vii. The campus is "Tobacco Free" and "Liquor Free". Any violation of this will result in dismissal from the programme.
- viii. Use of mobile phones and other electronic gadgets are not permitted in the class rooms, examination halls, faculty premises, university organized functions / programmes / extracurricular and co-curricular activities.
- ix. The students are forbidden from using motorized vehicles, including powered two wheelers, inside the campus.
- x. **Dress Code:** Students need to wear formal dress largely covering them like Sarees/ Churidhar with dupatta for ladies and Trousers, Pant & Shirt for men.

## VII. GENERAL INSTRUCTIONS FOR APPLICANTS

- i. Tuition fee for each academic year should be paid well before the due date, failing which a fine as prescribed by the University will be charged. The Candidate shall not be permitted to appear for the University Examination without clearing the Tuition fee arrears.
- ii. Tuition fee for the entire programme together with arrears, if any, shall be payable by the student before Transfer Certificate is issued.
- iii. Special fee for the remaining period of programme shall be waived.
- iv. No certificate will be issued, unless the candidate has cleared all the arrears of fees etc., due to the University.
- v. Caution deposit shall be refunded on application after adjustment towards any dues from the student. Application for refund of caution deposit should be submitted within one year of completing the course.
- vi. With regard to any dispute arising in relation to admission, examinations, remittance of fees, etc., the place of jurisdiction for the purpose of filing a suit or preferring a complaint or taking any legal proceedings against the University, will be Chidambaram Town only.
- vii. Original Certificates submitted at the time of admission will be returned before the end of second semester. In case a candidate requires the original certificates for valid reasons, he/she may apply for the same with valid proof. The candidates are advised to have with them attested copies of mark lists or other certificates that may be required for applying scholarships/bank loan etc.
- viii. Students discontinuing the programme before commencement of classes are eligible to get full refund (except service charges ₹ 1,000/-).
- ix. Those who discontinue after commencement of classes are eligible to get refund of caution money deposit only.

- x. The candidates who have joined a programme and wish to discontinue, should pay the tuition fee in full up to the year of study.

### **General Information**

The following procedures should be followed for applying/getting certificates viz. Bonafide/ Course completion/Mark lists etc. with the fee prescribed by the University.

- i. **General:** Mark list for each Semester/Year during the period of study will be issued by the University and distributed through the respective department of study. On completion of the programme, Provisional Certificate and Transfer Certificate will also be distributed through the department concerned.
- ii. **Migration Certificate:** This certificate will be issued by the University Office ('Admission' Section) only on demand to those who have planned to undergo higher studies in any Educational Institution in India.
- iii. **Duplicate Certificate – Mark List/Degree/Transfer Certificate:** A certificate from the police department is required to be produced for the loss of certificates indicating that the certificates were actually lost beyond recovery.
- iv. **Degree Certificate:** Notification will be issued in the leading dailies during the month of September/October every year for calling of application forms for getting Degree Certificate at the Convocation. Students shall apply for the same in the prescribed form which can be obtained from the University.
- v. **Personal File:** Students are advised to maintain a personal file containing all academic records such as challan for remittance of tuition fee, exam fee, instrument fee, condonation fee etc. till completion of his/her studies
- vi. **Re-admission:** If any attendance deficiency during the tenure of his/her studies, shall apply for re-admission through the Heads concerned along with the photocopy of his/her previous semester/year mark list/s as proof for having appeared for the University Examinations.
- vii. **Change of Name/Date of Birth:** Candidate who wishes to change of Name, Date of Birth, of his/her name should be made only during the period of study by producing a copy of "Gazette Notification" from the respective Government No. such change shall be entertained after completion for his/her studies in the University.
- viii. **How to get Certificate:**
  - a. Students applied for any certificates in this University viz., Duplicate mark list, Degree Certificate, Transfer Certificate etc, either during the tenure of his/her studies or completion of the programme should get the same from the office or by post within a fortnight period from the date of filing application in the office. He/she should possess compulsorily **1)** a copy of letter where he/she has applied for **2)** a copy of remittance

challan, **3**) and any other documents etc., whenever any lapse of the original submitted to University (or) loss in transaction.

- b. If he/she does not receive the certificate(s) within the stipulated period, then he/she can immediately seek the assistance of the Section Head/Deputy Registrar of the 'Admission' Section with relevant copy of records that has been already submitted for claiming the certificates, so as to enable them to get the certificate from the office (or) necessary guidance will be provided for the same.
- c. Students admitted on various programmes of the University, should get back his/her original certificates produced at the time of admission within three months either on completion of programme (or) discontinuing the same in the middle of the programme.

The University is not responsible for any lapse or damage of the certificates.

**Note:**

- Candidates belonging to Scheduled Tribe should produce Community Certificate obtained from a competent authority not below the rank of a Revenue Divisional Officer. A self attested photocopy or certified copy of the permanent community certificate card should be produced.
- Producing a false community, nativity or any other certificate, if detected later at any point of time during the course of study, will result in expulsion of the candidate and also criminal proceedings will be initiated against the candidate as well as the parents as per law.
- As number of fake community certificates are being encountered off late and in order to curb such practices, the authentication of the above certificate has to be verified and confirmed by the concerned authority, before the individual completes I year of the course. **The concerned candidate and parents should take necessary steps to that effect. Unless proof of authenticity of community certificate is received, the candidate will not be allowed to continue the II Year.**
- Community Certificate obtained from other states will not be considered and such candidate will be treated as to the **Open Category**.

**REGISTRAR (i/c)**  
ANNAMALAI UNIVERSITY