



(Accredited with 'A' Grade by NAAC)

CELEBRATING 90th YEAR OF ACADEMIC EXCELLENCE – 2019

FACULTY OF ENGINEERING & TECHNOLOGY

B.Voc. DEGREE PROGRAMME

PROSPECTUS: 2019 – 20

(Information & Instructions to Candidates)

University website: www.annamalaiuniversity.ac.in

Annamalai University

In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit 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).

One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University is accredited with 'A' Grade by **NAAC** in 2014. "**The Times Higher Education World University Ranking - 2018**" has ranked Annamalai University in 801 - 1000 for Overall category and 401 - 500 for Life Sciences category. "**The CWTS Leiden Ranking 2017**", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 14th based on the number of publications and 3rd based on the proportion of publications that, compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. "**The Nielsen - India Today Ranking**" (2017) has ranked Annamalai University 11th among the top 30 Universities in India. Among the top 100 institutions for Higher Education in India the "**SCImago Institutional Ranking**" has ranked Annamalai University as 4th in Tamil Nadu and 20th in India.

Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising of 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

The University Library, named after the eminent scholar, statesman and former Vice-Chancellor Dr. Sir C.P. Ramaswami Aiyer, serves as knowledge hub for the students and the staff. Quite a good number of journals can be accessed through the Infonet facility. ScienceDirect is subscribed through which 340 journals can be accessed.

The sports complex of the University spreads over several acres, houses facilities for sports and games. Tennis court complex, basketball complex, volleyball complex, athletic standard track, cricket field & nets, football field, hockey field and a wooden floored indoor stadium are a few worth mentioning.

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**The UGC has approved to start B.Voc.
programmes under Skill Development
Scheme from the academic year 2014-15
vide its order number D.O.No.
F.2-286/2014. Dated 17.06.2014**

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

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:

- Tennessee Technological University, (TTU), USA to enable academic exchange of the staff and students between Annamalai University and TTU under the Indo-US, Knowledge Initiative Award from University Grants Commission, New Delhi.
- Ball State University of USA.
- 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 Civil and Structural Engineering, FEAT has entered into a MoU with CSIR, Structural Engineering Research Centre (SERC) for Collaborative Research in the field of Structural Engineering.
- 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.

Placement and Training Cell

Salient features of the Activities in Placement & Training Cell, Faculty of Engineering and Technology, Annamalai University.

- Training programmes on soft skills
- Arranging In-Plant training for students
- Student's placements through campus interview
- Placements abroad

Companies that offered placements for the students of Faculty of Engineering and Technology, Annamalai University through the Placement & Training Cell are:

Indian Organizations:

- M/s. HCL Technologies, Chennai
- M/s. L & T – ECC, Chennai
- M/s. Accenture, Bangalore
- M/s. Orchid Chemicals & Pharmaceuticals Ltd, Chennai
- M/s. Hexaware Technologies, Chennai
- M/s. CCCL, Chennai
- M/s. Petrofac Ltd, Chennai
- M/s. NOCL, Cuddalore
- M/s. Vedhanta – Sterlite, Tuticorin
- M/s. iGate, Bangalore
- M/s. CVR Labs Pvt. Ltd., Chennai
- M/s. UCAL Fuel Systems, Pondicherry
- M/s. Delphi TVS, Chennai
- M/s. Appollo Hospitals, Chennai
- M/s. Dalmia Cements, Trichirapalli
- M/s. Tamilnadu Petroproducts Ltd., Chennai
- M/s. Ritemed Pharma Retail Ltd., Chennai

Foreign Organizations:

- M/s. DEUTCHE BABCOCK AL JABER WLL (Qatar)
- M/s. ETA Engineering Pvt. Ltd.
- M/s. Foxconn (China)
- M/s. Sinmax PTE Ltd.
- M/s. Rotary Engineering, Singapore
- M/s. Promosys

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 and Technology, Annamalai University.

B.Voc. Degree

No.	Programme	Intake of Students
1.	Airport Operations	50
2.	Aqua Culture	50
3.	Hospital Instrumentation and Management	50
4.	Mechtronics	50
5.	Catering Technology and Hotel Management	50
6.	Logistics	60

The duration of all the above programmes offered is three academic years comprising of six semesters.

P.G. Diploma / Diploma / Certificate programmes

No.	Programme	Duration
1.	PG Diploma in MRI Technician Certificate by AU	1 year
2.	Diploma in Airline, Hotel and Tourism Management	1 year
3.	Diploma in Airport Ground Handling	1 year
4.	Certificate Course in X Ray Technician (XT) – 6 Months Radiology Technician (RT) – 10 Months Certification by NSDC	6 months 10 months
5.	Certificate courses of Airline Customer Executive	6 months
6.	Certificate courses of Airline & Air ticketing	6 months
7.	Certificate courses of Airline Baggage Handler	6 months
8.	Certificate courses in Design Testing Engineer – Mechanical	6 months
9.	Certificate courses of Industrial Automation	6 months
10.	Certificate courses of Design for Mechanical/Manufacture Engineer	6 months
11.	Certificate courses in Aerospace CNC Machinist	6 months
12.	Certificate courses in Aerospace CNC Programmer	6 months
13.	Certificate courses in Scuba Diving	6 months

II. FEE & SCHOLARSHIP

2.1 Tuition Fee

The details of Tuition Fee to be paid by the candidate are as follows. The fee can be paid in two inatllments

B.Voc. Degree Programme

Sl.No.	Branch	I Installment (₹)	II Installment (₹)	Total Fee per Annum (₹)
1.	Airport Operations	18,700/-	17,500/-	36,200/-
2.	Aqua Culture	18,700/-	17,500/-	36,200/-
3.	Hospital Instrumentation and Management	18,700/-	17,500/-	36,200/-
4.	Mechtronics	18,700/-	17,500/-	36,200/-
5.	Catering Technology and Hotel Management	18,700/-	17,500/-	36,200/-
6.	Logistics	21,200/-	20,000	41,200/-

Note : The first installment has to be paid at the time of admission

P.G. Diploma / Diploma / Certificate programmes

No.	Programme	Total Fee per Annum (₹)
1.	PG Diploma in MRI Technician Certificate by AU	1,26,200/-
2.	Diploma in Airline, Hotel and Tourism Management	76,200/-
3.	Diploma in Airport Ground Handling	76,200/-
4.	Certificate Course in X Ray Technician (XT) – 6 Months Radiology Technician (RT) – 10 Months Certification by NSDC	31,200/- 76,200/-
5.	Certificate courses of Airline Customer Executive	41,200/-
6.	Certificate courses of Airline & Air ticketing	41,200/-
7.	Certificate courses of Airline Baggage Handler	21,200/-
8.	Certificate courses in Design Testing Engineer – Mechanical	31,200/-
9.	Certificate courses of Industrial Automation	21,200/-
10.	Certificate courses of Design for Mechanical/Manufacture Engineer	21,200/-
11.	Certificate courses in Aerospace CNC Machinist	26,200/-
12.	Certificate courses in Aerospace CNC Programmer	26,200/-
13.	Certificate courses in SCUBA Diving	21,200/-

2.2 Hostel Fee

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

Sl. No.	Hostel Name	Caution Deposit (₹)	Annual Hostel & Mess Charges (₹)	Total Fee (₹)
1.	Travancore Hostel (Boys Hostel)	5000/-	45000/-	50,000/-
2.	E.T. Golden Jubilee Hostel (Womens Hostel)	5000/-	45000/-	50,000/-
3.	SC/SCA/ST Students (any hostel)	5000/-	19000/- #	24,000/-

This fee has to be paid by the students at the time of joining the hostel and would exclusively cover. Admission Fees, Establishment, Room rent, Electrical and Misc. Charges only – Except Mess charges (Lumpsum Mess charges of Rs. 22000/- will be adjusted from their Scholarship amount)

2.3. Scholarship (B.Voc. degree programme only)

- i. 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).
- ii. 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].
- iii. SC/ST Community** students 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.**

III. ELIGIBILITY CRITERIA

General

Candidates satisfying the eligibility conditions given below as on the last date of submission of application are eligible to apply. The candidates passing the qualifying examination after the last date of submission of application shall not be considered.

- i. Candidate should be a Citizen of India.
- ii. Overseas citizens of India who are registered under section 7A of the Citizenship Act 1955 (Central Act 57 of 1955) are eligible to apply for B.Voc Degree Programmes subject to the production of proof of such registration.

3.1 Qualifying Examinations and Eligibility

B.Voc. Degree Programme

A pass in HSC (Academic)/HSC (Vocational) from Tamilnadu State Board or its equivalent thereto.

P.G.Diploma / Diploma / Certificate Programme

Programme	Eligibility
PG Diploma in MRI Technician Certificate by AU	A pass in B.Sc.(Imaging Technology) / B.Sc. Radiography / B.Voc. (Hospital Instrumentation and Management) / B.Voc. (Medical Equipment Technical) / Diploma in Medical Imaging / Diploma in Radiology programmes
Diploma in Airline, Hotel and Tourism Management	A pass in 10+2 any discipline
Diploma in Airport Ground Handling	
Certificate courses of Airline Customer Executive	
Certificate courses of Airline & Air ticketing	
Certificate Course in X Ray Technician (XT) – 6 Months Radiology Technician (RT) – 10 Months Certification by NSDC	A pass in 10+2 with Physics
Certificate courses of Airline Baggage Handler	A pass in 10 th Standard
Certificate courses in Design Testing Engineer – Mechanical	A pass in 10+2 Physics or B.E. (Mech. II Year students) programme
Certificate courses of Industrial Automation	A pass in B.E. (Electronics / Instrumentation / Control & Instrumentation) degree programme
Certificate courses of Design for Mechanical/Manufacture Engineer	A pass in B.E. (Mech. / Manufacturing) degree programme
Certificate courses in Aerospace CNC Machinist	A pass in 10+2 Physics or B.E. (Mech. II Year students) programme
Certificate courses in Aerospace CNC Programmer	
Certificate courses in Scuba Diving	Medical Fitness

Note:

- When the candidates produce grade certificates, they have to produce the actual marks also. Otherwise only the minimum marks applicable to the grades in the subjects will be taken into account.

IV. ALLOCATION OF SEATS

Reservation

Reservation of seats for candidates belonging to ST/SC/SCA/MBC/BC/ BCM/OC communities will be made as per rules and regulations 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

The selection of candidates will be based on the overall percentage / rank of marks secured in the qualifying examination.

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 will 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 program.
- viii. Use of mobile phones and other electronic gadgets are not permitted in the class rooms, examination, halls, faculty premises, university organized functions/programs/ 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

7.1. Application

Procedure for registration of application is online from the University website www.annamalaiuniversity.ac.in/adm

PROCEDURE FOR REGISTRATION OF ONLINE APPLICATION

7.2 General Instructions for Applicants

- i. Online Application Number is the Registration Number of the Annamalai University B.Voc. Admissions 2019.
- ii. The Candidates seeking admission should Register and apply only through online by logging on to www.annamalaiuniversity.ac.in/adm
- iii. The guidelines for registration are available on the Annamalai University Website Portal.
- iv. The online application Number should be quoted in all future correspondence.
- v. The filled in online application should be downloaded and sent with all the enclosure with Online Payment Details / Demand Draft, either by Speed/Registered post or in person to

**THE REGISTRAR
ANNAMALAI UNIVERSITY
ANNAMALAINAGAR
CHIDAMBARAM
CUDDALORE DISTRICT
TAMIL NADU
PIN- 608 002**

and should reach on or before 31.05.2019 - 5.30 p.m.

- vi. Demand draft for **B.Voc. ₹200/-** for SC/SCA/ST and **₹400/-** for Others, **P.G.Diploma ₹200/-** for SC/SCA/ST and **₹200/-** for Others, **Diploma / Certificate programme ₹100/-** for SC/SCA/ST and **₹100/-** for Others, which is drawn in favour of **The Registrar, Annamalai University, payable at Annamalainagar / Chennai.**
- vii. The candidates shall ensure that the completed downloaded application form with all particulars and enclosures reaches the Annamalai University within the date and time specified. Applications received by Speed post/courier or any other means, after the last date & time will not be accepted irrespective of the date of booking.
- viii. The University shall not be responsible for any delay in the receipt or for the loss in transit of application form etc.,
- ix. Request for extension of time for submission of documents called for, after the specified date and time will not be entertained.
- x. Any supporting documents received after the due date or application without required documents/particulars will not be entertained.
- xi. Photocopy/ Fax copy of the application will not be accepted.
- xii. Both upper limbs, vision and hearing should be normal for all candidates (including for candidates applying under orthopaedically physically disabled category).

- xiii. The candidates are directed to enclose the following certificates along with the downloaded application:

Photocopy of

1. 10th Mark Sheet
2. HSC / Equivalent Mark Sheet
3. Transfer Certificate
4. Permanent Community Certificate Card for ST, SC, SCA, MBC & DNC, BC and BCM (permanent card / electronic form / digitally e-Certificate).
5. HSC Hall Ticket
6. Nativity Certificate – if applicable
7. First Graduate Certificate and First Graduate Joint Declaration (only in electronic form / digitally signed e-Certificate) Form – if applicable

All originals are to be produced at the time of admission.

Note : *Candidates appeared for HSC / Equivalent examination in March 2019 must produce Original Mark Sheet and TC at the time of counseling. However, downloaded copy of mark sheet should be enclosed, others to enclose a copy of Mark Sheet and TC.*

- xiii Candidates are advised to post the completed online application well-in advance before the due date and time. If it is sent by post it is advisable to send by Registered post / Speed post to ensure proper delivery.

7.3 Important Conditions for Applicants

- i. Students discontinuing the programme before commencement of classes are eligible to get full refund (except service charges ₹ 1,000).
- ii. Those who discontinue after commencement of classes are eligible to get refund of caution money deposit only.
- iii. The candidates who have joined a programme and wish to discontinue, should **pay the tuition fee in full up to the year of study.**
- iv. 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.
- v. Tuition fee for the entire programme together with arrears, if any, shall be payable by the student before Transfer Certificate is issued
- vi. Special fee for the remaining period of programme shall be waived.
- vii. No certificate will be issued, unless the candidate has cleared all the arrears of fees etc., due to the University.
- viii. 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.

- ix. 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.
- x. 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.

7.4. 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 departments of study. On completion of the program, 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 ('K' 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 inviting application forms for obtaining 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, candidates 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 may apply for any certificates in this University viz., Duplicate mark list, Degree

Certificate and Transfer Certificate etc, either during the tenure of his/her studies on completion of the program and may obtain 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 and
 - 3) any other documents, whenever any lapse of the original submitted to University (or) loss in transaction.
- b) If candidates do 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 'K' 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 to various programs of the University, should get back his/her original certificates produced at the time of admission within three months either on completion of program (or) discontinuing the same in the middle of the program. The University is not responsible for any lapse or damage of the certificates, beyond this period.

REGISTRAR (i/c)
ANNAMALAI UNIVERSITY