

(A State University Accredited with 'A' Grade by NAAC) CELEBRATING 90th YEAR OF ACADEMIC EXCELENCE – 2019

M.Phil. Programmes

Prospectus - 2019 - 20

(Information & Instructions to Candidates)

Annamalai University, one of the largest unitary, teaching, and residential Universities in Southern Asia, was established and incorporated in the year 1929 as per the Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). Now, the Annamalai University Act, 1928 has been repealed and replaced by the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013). His Excellency the Governor of Tamil Nadu is the Chancellor of the University.

| CHANCELLOR | : | Hon'ble Thiru. BANWARILAL PUROHIT Governor of Tamil Nadu |
|--|-------|--|
| PRO-CHANCELLOR | : | Thiru K.P. ANBAZHAGAN Hon'ble Minister for Higher Education Government of Tamil Nadu |
| VICE-CHANCELLOR | : | Prof. V. MURUGESAN, Ph.D. |
| REGISTRAR (i/c) | : | Dr. N. KRISHNAMOHAN |
| CONTROLLER OF EXAMINATIONS (i/c) | : | Dr. V. SELVANARAYANAN |
| DIRECTOR CENTRE FOR ACADEMIC RESEAU (CARE) | RCH : | Dr. V. VENKATESALU |



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, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College in a rural setup 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).

Annamalai University Act 2013

The most significant development is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013, after obtaining the assent of His Excellency, the President of India.

Accolades

Annamalai University, accredited with 'A' Grade by **NAAC** in 2014, is one of India's largest public residential universities with 10 Faculties and 49 departments of study. Sprawling over 950 Acres of land, the University does yeoman service in taking education to the doorsteps 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 and has been a pioneer in distance education.

"The NIRF-2019" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 12th in India. In the Medical Category the ranking is 25th.

"The **Times Higher Education World University Ranking - 2019**" has ranked Annamalai University in 1000+ for Overall category. In the Subject category Ranking, 2019, the University is ranked in the band of 501-600 for Life Sciences and Pre-clinical, clinical & Health Subjects. 800+ in the Physical Sciences subject.

"The **QS World University Ranking - 2019**" has ranked Annamalai University in the band of 291 - 300 in Asia Ranking, 174 in the BRICS Ranking and 43 in India Ranking.

"The **CWTS Leiden Ranking 2018**", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 20th based on the number of publications and 4th 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 **MDRA** - India Today Ranking" (2018) has ranked Annamalai University 13th among the best Government Universities in India.

"The **SCImago Institutional Ranking**" (2018) has ranked 7th in Tamil Nadu and 32nd among the top 197 ranked institutions for Higher Education in India.

International Comparative Performance of India's Research Base (2009-14), a report published by Elsevier in April, 2016, prepared in collaboration with the Department of Science and Technology, Ministry of Science, Government of India has rated the University as the top Indian Institute in Pharmacology, 17th among the top 30 Indian Universities in Publications with highest subject area Publication Count in Pharmacology.

As far as the Global Exposure, Indian Science Ascending, a Springer Nature report, done in conjunction with Confederation of Indian Industries, has ranked the University as 11th among the top 20 Indian Institutions in International Collaborations.

The University has participated in the Southern (Antarctic) Ocean Expeditions (SOE) organized by National Centre for Antarctic Ocean Research 2011 - 12 onwards.

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.

Two of the most notable international collaborations in which Annamalai University is the Co-ordinating Institute include the Indo- EU FUNCFOOD Project and the 21st Century Indo-US Knowledge Initiative. There are several ongoing research projects with international foundations and industrial players like Bayer, CavinKare, Dow Agrosciences, Bill & Melinda Gates Foundation, HCL, L&T, Accenture, and Huawei.

MoUs & Patents

To its credit, the University has obtained **15** Patents and has **40** MoUs with research partners like FAO, IRRI & USDA.

Institutional Social Responsibility Activities

The ISR activities of the University include, Hospital on Wheels, Free Medical and Dental Camps in Villages, Lifestyle & Hygiene Awareness, Rural & Urban Health Centres through the Faculties of Medicine and Dentistry which are 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.

Centre for Academic Research (CARE)

A separate Centre called **CENTRE FOR ACADEMIC RESEARCH (CARE)** was created and a Director has been appointed to look after the admission of Ph.D. and M.Phil. students, provisional registration, constitution of Research Advisory Committee (RAC) for each Ph.D. student, monitoring the progress and quality of publication and minor problems faced by scholars, question paper setting, arrangement to conduct Ph.D. and M.Phil. course work Examinations, evaluation etc., This centre will also take care of speeding processing of thesis evaluation, conduct of Viva-Voce Examination and award of degree.

Infrastructure Facilities

The University has excellent infrastructural facilities including adequate classrooms, air conditioned high-tech seminar halls with interactive boards for classroom teaching, spacious examination and valuation centres, auditoria, well equipped research laboratories, and computer labs with internet facilities. The Central Instrumentation Laboratory has facilities for advanced research work. The General Library provides access to JSTOR for the Social Sciences and Science Direct and PROQUEST for the physical and natural sciences. The library staff also impart training to students in the use of e-resources.

The campus has a Sports pavilion with gymnasium, 18 hostels, Internet browsing facility, canteens and waiting rooms for women. The University has a well-furnished and comfortable Guest House with a seminar hall. A 24×7 Hospital with 1400 beds, advanced equipments and facilities such as CT Scan, Trauma, ICU and emergency units caters the health care needs of students and faculty. The University has 24 hours uninterrupted power supply and additional generators in various faculties. The campus has its own water supply system, including reverse osmosis water plants.

The University has invested substantially over the last few years to improve the classroom and laboratory infrastructure, books and journals and online resources for teaching, learning and research. Recent additions to infrastructure include an Emergency Medicine Block, a 24x7 Pharmacy, a rapid access Cardiac Wing, hostel for international students, the Innovation Centre and four new canteens.

Student Support Systems

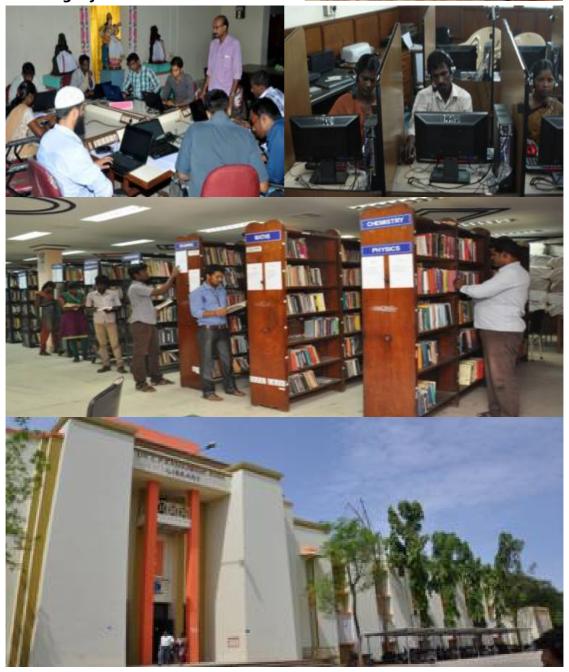
During their stay, students can avail of a number of support systems and services. The Information Desk in the Administrative Block provides necessary information for students on all aspects of campus life. The academic calendar and handbook give information on the academic schedule and curriculum. All departments have associations under the auspices of which, students can interact with eminent academicians and scientists. Students can make use of both the Central and departmental libraries for reference work and computer and internet services for browsing. Coaching classes are organized to prepare students for NET, SLET and civil services examinations. The Placement Cell arranges for campus recruitment. The scholarship section provides information on various financial support schemes. The Equal Opportunities Cell caters the welfare of SC/ST students, including dissemination of information about financial support and provision of scholarships for socio-economically weaker students.

Other support services include redressal of Students Grievances through SMS, in-house language laboratories, the Yoga Center and Alumni Associations. Girl students can address their grievances to the Women's Grievance Cell. Students in need of counseling have access to professional counselors. Medical treatment in the University hospital is free for students. A medical insurance scheme has been introduced for the benefit of students. The Music College is a boon for music lovers and for those who aspire to learn music as a pastime. The Physical Education department with the gymnasium, impressive courts and tracks provide avenues for sports and games. Students trained by the Political Science Faculty regularly participate in Youth Parliament and have won prizes too. Students actively participate in extension activities through NCC, NSS and Youth Red Cross.



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. Science-Direct and Proquest are subscribed for accessing e-journals.





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The sports complex of the University, spread 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.



I. Research Facilities



Instruments Laboratory

Bio-tech Laboratory



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Instruments at Faculty of Agriculture



Oral Pathology P.G. Lab



Atomic Force Microscope (AFM)

Scanning Electron Microscope -EDS



Single Crystal XRD (Brucker)



Flow Cytometer Cell Sorter (FACS)



ICP



Simultaneous Thermal Analyser (STA)



Laser Scanning Confocal Microscope (LSCM)



Instruments Lab - Marine Sciences

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Marine Museum

Instrumentation Lab

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I. Master of Philosophy (M.Phil.)

Provisions of the Annamalai University Act 2013

1.1 Preamble

In accordance with the provisions of Section 31 (b) of the Annamalai University Act2013, the following Annamalai University Ordinance Governing the Award of the Degree of Master of Philosophy is prepared with the approval of the Syndicate.

Annamalai University awards M.Phil. Degree to a candidate who, in accordance with the following regulations, has successfully completed the prescribed courses of study, has submitted a thesis based on original independent research work done by him/her in any discipline, has had the thesis adjudicated and approved by a panel of suitably constituted examiners, and has defended the thesis in the presence of experts and the Public.

1.2 Governing Guidelines

The guidelines governing the award of Master of Philosophy Degree Programmes by the University are based on the UGC (Minimum Standards and Procedures for the Award of M.Phil./Ph.D. Degree) Regulations, 2016.

1.3 Master of Philosophy Degree Programmes Offered

The following Faculties offer research leading to the award of M.Phil.

| Faculty | Departments /Disciplines | | |
|-----------|---|--|--|
| Arts | History, Political Science, Public Administration, Economics, Sociology, Social Work, Commerce, Population Studies, Business Administration, Rural Development, Library & Information Science, Philosophy. | | |
| Science | Mathematics, Statistics, Physics, Chemistry, Botany, Plant Biology & Plant Biotechnology, Zoology, Environmental Biotechnology, Bioinformatics, Geology, Applied Geology, Geo-informatics, Biochemistry, Biotechnology, Microbiology, Computer Science, Computer Applications. | | |
| Marine | Marine Biotechnology, Marine Microbiology, Marine Food Technology, Marine | | |
| Sciences | Biology & Oceanography, Coastal Aquaculture, Ocean Science & Technology. | | |
| Languages | English, Tamil, Hindi, Linguistics. | | |
| Education | Education, Psychology, Physical Education, Yoga. | | |
| Fine Arts | Music | | |

1.4 Duration of the Programme

- The M.Phil. programme is for 1 year spread over two semesters. The programme including M.Phil. dissertation shall be completed within a maximum period of 2 years. No registration shall be permitted beyond the period of 2 years from the date of admission to the programme.
- ii) In order to be eligible for the award of the Degree of Master of Philosophy, a candidate has to secure minimum 50 per cent marks in (1) each of the prescribed papers (2) Dissertation and (3) Viva-voce examination.

A research Supervisor/Co-supervisor who is a Professor, at any given point of time, cannot guide more than Three (3) M.Phil. Scholars. An Associate Professor as Research Supervisor can guide up to a maximum of Two (2) M.Phil. Scholars and an Assistant Professor as Research Supervisor can guide up to a maximum of One (1) M.Phil. Scholar.

There shall be no compulsion on or by the Supervisors to hold the full complement of research Scholars all the time.

1.6 Leave Rules

The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of one year for M.Phil. in the maximum duration. In addition, the women candidates may be provided Maternity Leave / Child Care Leave once in the entire duration of M.Phil. for up to 240 days.

1.7 Course Work

- 1.7.1 The Head of the Department shall function as the Chairperson of the M.Phil. programme.
- 1.7.2 The syllabus for the M.Phil. course work shall be approved by the Board of Studies of each department.
- 1.7.3 All M.Phil. students shall take 3 courses of 6 credits spread over two semesters.

Course-I: Research Methodology: This will be common to all the students of the department.

Course II: Core Subject: This may be common to all the students of a Department.

Course III: Field of Specialization: This will be on the Field of Specialization. There will be a separate question paper for each specialization.

- 1.7.4 Examination for Course I and II will be held at the end of the first semester and the examination for Course III will be held at the end of the second semester.
- 1.7.5 M.Phil. students will sign the attendance register maintained in the Department on all working days. He/She is expected to put in a minimum of 80% attendance for the course work, failing which the candidate will not be permitted to appear for the examination.
- 1.7.6 A candidate will not be permitted to appear for the written examination on more than two occasions. If a candidate fails in any course after two attempts, he/she will not be entitled to submit his/her dissertation. The candidate has to rejoin the programme as a fresh student.

1.8 Dissertation

- 1.8.1 After the successful completion of the three courses, each candidate is required to submit a dissertation on the topic of his/her research at the end of the year but within a period of two years from the date of commencement of M.Phil. Programme.
- 1.8.2 It is the responsibility of the Research Supervisor and the research scholar to obtain approval from the relevant ethical committee before initiating the research work (Cf. Ph.D. Ordinance). No research can be undertaken in this line until all of the required approvals and authorisations have been granted from the appropriate ethical committees.
- 1.8.3 The candidate shall submit his/her M.Phil. Dissertation after the completion of one year from the date of joining the programme and after having been declared to have passed all the three courses.

- 1.8.4 Three copies of the dissertation shall be submitted together with the submission fee, and 'no dues' certificates from the department and Central Libraries, Hostel, Stores etc. The Research Supervisor shall forward the dissertation copies with the enclosures to the Director, Centre for Academic Research through the HOD and the Dean concerned.
- 1.8.5 The dissertation shall contain a Certificate from the research supervisor (Annexure-1) specifying that the dissertation submitted is a record of research work done by the candidate during the period of study under him/her, and that the dissertation has not previously formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or similar title.
- 1.8.6 The dissertation shall also contain a Declaration by the candidate (Annexure-2) that the work reported in the dissertation has been carried out by the candidate himself/herself and that the material from other sources, if any, is duly acknowledged and no part of the dissertation is plagiarised.
- 1.8.7 The dissertation for language subjects will be in the respective language. However, the title and the certificates shall be given in English, besides the respective languages.
- 1.8.8 The Research Supervisor shall provide a Panel of three examiners to evaluate the dissertation which will be forwarded by the HOD to the Director, Centre for Academic Research through the Dean together with the dissertation copies.
- 1.8.9 The M.Phil. dissertation will be evaluated by one External Examiner chosen from the panel submitted.
- 1.8.10 The External Examiner shall evaluate the dissertation and fill in the marks obtained. He/She shall also send a report on the merit of the dissertation in the proforma provided by the Director, Centre for Academic Research and give a list of questions to be asked in the Viva-voce examination.
- 1.8.11 On receipt of the evaluation report from the External Examiner regarding the acceptability of the dissertation, a public Viva-voce examination will be conducted by the Head of the Department and the Research Supervisor.
- 1.8.12 If the Head of the Department happens to be the Research Supervisor, one of the senior Faculty in the department shall be appointed as Internal Examiner.
- 1.8.13 The Viva-voce examination shall be held only on working days.
- 1.8.14 The purpose of the Viva-voce is to test the understanding of the student on the subject matter of the thesis and the competence in the general field of study. The student shall be asked to make a brief presentation before the audience and answer the questions raised by the examiners and the audience.
- 1.8.15 The Viva-voce examination shall be held with all seriousness befitting the solemnity of an examination and no attempt shall be made to treat it as a mere formality.
- 1.8.16 After the Viva-voce examination, the Chairman (HOD) shall send the Minutes together with the marks awarded for the Viva-voce examination to the Director, Centre for Academic Research through the Dean.

1.9 Marks and Grading

- 1.9.1 A student is deemed to have cleared the M.Phil. Programme only if he/she has more than 80% attendance, appeared in the end semester examination, and pass the courses.
- 1.9.2 The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to Grade Point (GP). The sum total performance in each semester will be rated by Grade Point Average (GPA), while the continuous performance will be rated by Overall Grade Point Average (OGPA).
- 1.9.3 A student has to obtain a minimum of 50% of marks or its equivalent grade wherever grading system is followed in the course work in order to be eligible to continue in the programme and submit the dissertation.

II. Eligibility Criteria

2.1 General Eligibility

For admission to the M.Phil.programme, a candidate has to fulfill the following minimum qualifications:

Note: For all the Candidates who have passed Master's Degree through Open University system are not eligible to apply; however, candidates who have secured their Master's Degree under (11+1) or (10+2)+3+2, and (10+2)+5 pattern of programmes of study are eligible.

- **2.2** A relaxation of 5% of marks from 55% to 50% or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer) / differently Abled or for those who had obtained their Master's degree prior to 16th September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.
- 2.3 Teachers of Annamalai University who have put in two years of service are eligible to register for M.Phil. (Part-time) degree as per eligibility norms. Such applicants should send completed applications to the Registrar through proper channel. Note: While granting admission to M.Phil. Programmes, due attention shall be paid to the

Note: While granting admission to M.Phil. Programmes, due attention shall be paid to the State Reservation Policy.

2.4. Admission to Foreign Students

- 2.4.1 Students who have obtained their Master's Degree or equivalent outside the Indian Universities system are eligible for admission to M.Phil. Programme.
- 2.4.2 Foreign Students selected under various scholarship schemes, either by the Ministry of Education and Culture or the Ministry of External Affairs, will be given admission on the recommendations/sponsorship of the respective Ministry.
- 2.4.3 Self-supporting foreign students seeking admission should possess a Research VISA issued by the Indian Embassies abroad and produce a No Objection Certificate from the Ministry of Education, Government of India, after clearance from the Ministry of External Affairs.

2.5 Discipline-wise Eligibility

2.5.1 Faculty of Arts

a. History

A pass in Master's Degree in History / M.A History & Heritage Management / M.A. Ancient History & Archaeology / M.A History & Tourism Management / any other Master's Degree relevant to the field of History with a minimum 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

b. Political Science

A pass in Master's Degree in Political Science / International Relations / Human Rights with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

c. Public Administration

A pass in Master's Degree in Public Administration / Social Welfare Administration / Police Administration / Development Administration with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

d. Economics

A pass in Master's Degree in Economics / Applied Economics / Mathematical Economics / Econometrics / Business Economics / Environmental Economics / Development Studies / Rural Economics / Rural Development / Women Studies / Gender Studies / Business Studies / Disaster Management / Rural Management / Environmental Management with a minimum of 55% of aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

e. Sociology

A pass in Master's Degree in Sociology / Social Work (MSW) with a minimum of 55% of aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

f. Social Work

A pass in Master's Degree in Social Work (MSW) with a minimum of 55% of aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

g. Commerce

A pass in Master's Degree (M.Com) in Commerce / Accounting & Finance/ International Banking / Financial Services / Business Studies / Co-operative Management and International Business / M.Com. Five Year Integrated Programme/ M.A. Co-operation / M.A. Corporate Secretaryship / Master of Bank Management / Master of Business Studies / Master of Financial Services / Master of Financial Management and Master of Financial Control with a minimum of 55% of aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

h. Population Studies

A pass in Master's Degree in Population Studies and other disciplinary courses viz. Hospital Administration / Hospital Management / Project Management / Sociology / Economics / Commerce / Management / Psychology / Geography / Statistics / Social Work / Rural Development / Anthropology / Medicine / Nursing / Public Health / Education / Adult Education / Mathematics / Actuarial Science / Population & Development / Master of Health Social Sciences (MHSS) with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

i. Business Administration

A pass in Master's Degree in Business Administration with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto

j. Rural Development

A pass in Master's Degree in any field of study with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent there to.

k. Library & Information Science

A pass in Master's Degree in Library & Information Science with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

I. Philosophy

A pass in Master's Degree from M.A.(History / Political Science / Sociology) / M.S.W.(Master of Social Work) and any other Master's Degree relevant to the field of Philosophy & Religion with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

2.5.2 Faculty of Science

a. Mathematics

A pass in Master's Degree in Mathematics with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

b. Statistics

A pass in Master's Degree in Statistics with a minimum of 55% aggregate marks orequivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

c. Physics

A pass in Master's Degree in Physics with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

d. Chemistry

A pass in Master's Degree in Chemistry with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

e. Botany / Plant Biology & Plant Biotechnology

A pass in Master's Degree in Botany / Herbal Science / Plant Biology and Biotechnology / Plant Sciences / Biotechnology / Molecular Biology / Microbiology and Genetics with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

f. Zoology

A pass in Master's Degree in Zoology with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

g. Environmental Biotechnology

A pass in Master's Degree in Environmental Biotechnology with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

h. Bioinformatics

A pass in Master's Degree in Bioinformatics with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

i. Geology / Applied Geology

A pass in Master's Degree in Geology / Applied Geology / Marine Geology / Geo-Physics / Geo-Chemistry with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

j. Geoinformatics

A pass in Master's Degree in Geoinformatics / Geology / Applied Geology / Marine Geology / Geo-Physics / Geo-Chemistry with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

k. Biochemistry

A pass in Master's Degree in Biochemistry with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

l. Biotechnology

A pass in Master's Degree in Biotechnology / Biochemistry with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

m. Microbiology

A pass in Master's Degree in Microbiology / Applied Microbiology / Industrial Microbiology with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

n. Computer Science / Computer Applications

A pass in M.Sc. (Computer Science / Information Technology / Information Science / Software Engineering / Computer Technology) / MCA with a minimum of 55% or its equivalent grade point average in the relevant discipline of this University or any other University accepted by the Syndicate as equivalent thereto.

2.5.3 Faculty of Marine Sciences

a. Marine Biology & Oceanography

A pass in Master's Degree in Marine Biology & Oceanography / Biotechnology / Zoology / Botany / Animal Science & Biotechnology / Plant Science & Biotechnology / Biochemistry / Human Genetics / Applied Genetics / Molecular Biology / Microbiology / Industrial Microbiology / Agriculture Microbiology / Pharmacology / Marine Sciences / Conservation of Marine Environment / Forestry / Oceanography & CAS / Marine Biology / Environmental Sciences / Marine Studies & Coastal Resource Management / Marine Biology & Fisheries with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

b. Coastal Aquaculture

A pass in Master's Degree in Coastal Aquaculture / Biotechnology / Zoology / Botany / Animal Science & Biotechnology / Plant Science & Biotechnology / Biochemistry / Human Genetics / Applied Genetics / Molecular Biology / Microbiology / Industrial Microbiology / Agriculture Microbiology / Pharmacology / Coastal Aquaculture and Marine Biotechnology / Applied Fisheries & Costal Aquaculture with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

c. Marine Biotechnology

A pass in Master's Degree in Marine Biotechnology / Biotechnology / Zoology / Botany / Animal Science & Biotechnology / Plant Science & Biotechnology / Biochemistry / Human Genetics / Applied Genetics / Molecular Biology / Microbiology / Industrial Microbiology / Agriculture Microbiology / Marine Studies & Coastal Resource Management / Applied Microbiology / Oceanography & Coastal Area Studies / Ocean Science & Technology (Integrated) / Pharmacology with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

d. Marine Microbiology

A pass in Master's Degree in Marine Microbiology / Marine Biotechnology / Biotechnology / Zoology / Botany / Animal Science & Biotechnology / Plant Science & Biotechnology / Biochemistry / Microbiology / Industrial Microbiology / Agriculture Microbiology / Applied Microbiology / Conservation of Marine Environment with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

e. Marine Food Technology

A pass in Master's Degree in Botany / Zoology / Aquaculture / Biochemistry / Biotechnology / Microbiology / Fishery Science / Animal Science & Biotechnology / Plant Science & Biotechnology / Marine Studies & Coastal Resource Management / Applied Microbiology / Oceanography & Coastal Area Studies / Ocean Science & Technology (Integrated) with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

f. Ocean Science & Technology

A pass in Master's Degree in Ocean Science & Technology / Geology / Applied Geology / Geoinformatics / Environmental Sciences / Environmental Engineering / Mathematics / Physics / M.E. Energy Engineering and Management / M.E. Disaster Management and Engineering / M.E./M.Tech. Remote Sensing & GIS / M.Tech. Coastal Management and M.E. Environmental Engineering with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

2.5.4 Faculty of Languages

a. English

A pass in Master's Degree in English with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

b. Tamil

A pass in Master's Degree in Tamil with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

c. Hindi

A pass in Master's Degree in Hindi with a minimum of 55% marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

d. Linguistics

A pass in Master's Degree in any language with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto can be admitted in the M.Phil. Degree Programme in Linguistics and he/she has to complete the certificate course in Linguistics conducted by the CAS in Linguistics before submitting the M.Phil. Dissertation.

2.5.5. Faculty of Education

a. Education

A pass in Master's Degree in Education (M.Ed./M.A. Education) with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

b. Psychology

A pass in Master's Degree in M.A./M.Sc. Psychology with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

c. Physical Education

A pass in Master's Degree (M.P.Ed./M.P.E.) in Physical Education with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognized as equivalent thereto.

d. Yoga

A pass in Master's Degree (M.Sc. or M.A.) in Yoga with a minimum of 55% aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

2.5.6 Faculty of Fine Arts

Music

A pass in Master's Degree in M.A. Music / M. Music / M.F.A. Music / Master of Performing Arts in Classical Music with a minimum of 55% of the aggregate marks or equivalent Grade Point Average (GPA) or in an examination recognised as equivalent thereto.

III. Fee & Scholarship

3.1 Tuition Fee

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

| SI.No. | Faculty / Department / Discipline | Tuition fee (₹) |
|--------|--|-----------------|
| 1. | Arts, Indian Languages, Music and Yoga | 22,110/- |
| 2. | Mathematics | 22,510/- |
| 3. | Statistics, Education, Psychology, Physical Education | 26,510/- |
| 4. | Physics, Botany, Plant Biology & Plant Biotechnology, Zoology, Environmental Biotechnology, Geology, Applied Geology and Geoinformatics | |
| 5. | Microbiology | 34,060/- |
| 6. | Chemistry, Biochemistry, Biotechnology, Marine Biology & Oceanography, Coastal Aquaculture, Marine Microbiology, Marine Biotechnology, Marine Food Technology, Ocean Science & Technology, and Bioinformatics | 48.060/- |

3.2 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:

| Programme | Name of the Hostel | Fee per Annum (₹) | |
|-----------|--------------------|--------------------------------|--|
| M.Phil. | Dethine: Illem | 50,000/-* | |
| (Boys) | Pothigai Illam | | |
| M.Phil. | Thamarai Illam | 24,000/-# (for SC/ST students) | |
| (Girls) | | | |

* Inclusive of Admission fees, Establishments, Room Rent, Electrical, Mess charges and Misc. Charges.

This fee has to be paid by the students at the time of joining the hostel and would exclusively cover the Admission fees, Establishment, Room rent, Electrical and Misc. Charges only - except Mess charges (Lumpsum Mess charges of ₹ 22,000/- will be adjusted from their Scholarship amount).

3.3 Scholarship

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

- i. UGC: Rajiv Gandhi National Fellowship (RGNF) for SC/ST students doing Research work for the award of M.Phil.
- ii. UGC-NET-JRF.
- iii. **UGC-BSR Research Fellowship in Sciences** for meritorious students in the various faculties (applicable to all Department of Sciences, Agricultural Sciences, Engineering Sciences).
- iv. Indian Council of Medical Research (ICMR), Indian Council of Social Science Research (ICSSR), Council of Scientific and Industrial Research (CSIR) Fellowships, New Delhi.
- v. DST-Inspire Programme Ministry of Science and Technology, New Delhi.
- vi. Fellowship / Scholarship sanctioned by various Funding Agencies.
 - 1. UGC Scheme for award of Post Graduate Scholarship for professional programmes 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's Degree Programmes 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 the Guidelines are available on the respective Website of the funding agencies.

vii. **Post Matric Scholarship** will be awarded to the students studying M.Phil. Degree Programmes including self-supporting programmes who belong to SC/ST community and also converted students whose parents/ guardians annual income from all sources does not exceed from ₹ 2,50,000/-.

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).

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].

- 2) SC/ST Communities and Converted Christian Students (converted from SC/ST) whose Parent's/Guardian's income from all sources should not exceed ₹ 2,50,000/-.
- 3) Other State Scholarship:
 - i. Other State Scholarships for SC/ST/BC/OBC/EBC students.
 - ii. "ISHAN UDAY" Scholarship for Northern Eastern Region Students.
- Minority Scholarship: Minority Scholarship award on the basis of merit cum means for minority community students.
- 5) **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.**
- 6) BC/MBC/DNC Scholarship: TheScholarship will be awarded to the Students belonging to BC/MBC/DNC communities whose Parent's/ Guardian's income from all sources should not exceed ₹ 2,50,000/- per annum.
- 7) 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 ₹ 24,000/-.

Note: For all Scholarship, Income Certificate taken after April 2019 should be produced.

IV. Important Points and Procedure for Filling Up Application

- i. Application with incomplete or insufficient particulars or without enclosures or those received after the last date mentioned will be summarily rejected without intimation to the candidate.
- ii. Filled in application without the signature of the candidate will be rejected.
- iii. No document enclosed with the application will be returned. Candidates are required to enclose only self attested photocopies of the above certificates along with the application.
 All originals are to be produced at the time of interview/admission.

Application filled for one programme cannot be transferred to another programme.

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 the course.
- Community Certificate obtained from other states will not be considered and such candidate will be treated as to the Open Category.

V. Admission Procedure

Departmental Research Committee (DRC)

Departmental Research Committees shall be constituted for effective coordination of the research activities of the departments. Eligible candidates will be selected for the admission to the M.Phil. Programme based on the recommendation of the DRC.

- 5.1 The Departmental Research Committee (DRC) will be responsible for selection of candidates for the M.Phil. Programme. The Constitution and Functions of the DRC are described in the Ph.D. Ordinance.
- 5.2 The selection of candidates for admission to the M.Phil. Programme shall be based on both a entrance test and an interview. The written test shall comprise objective type questions for 75 marks and examine research aptitude, grasp of the subject, intellectual ability, and general knowledge of the prospective candidates. The interview will be conducted for 25 marks.
- 5.3 The candidates shall indicate the broad area of research at the time of application and chosen area of research at the time of interview.
- 5.4 Only a predetermined number of students may be admitted to the M.Phil. programme.
- 5.5 The allocation of the Research Supervisor for a selected student will depend upon the specialization of the research supervisors, and the research interest of the student as indicated during the interview by the student. *In no case, the allocation of research supervisor shall be left to the individual student or teacher.*
- 5.6 The "Minutes of the DRC" shall indicate the chosen guide and the research area of the candidate. The Minutes of the DRC together with the selected list of candidates will be sent to the Registrar through the Head of the Department (HOD) and Dean of the concerned faculty.
- 5.7 A candidate provisionally selected for admission for the M.Phil. programme shall join on or before the specified date after paying the prescribed fees and verification of certificates. Original certificates submitted at the time of admission are not returnable until the candidates complete the programme. Before the certificates are surrendered for admission, the candidates are advised to have with them attested copies of mark list or other certificates that may be required for applying for scholarship etc.
- 5.8 A student registered for the M.Phil. degree shall not register for any other degree of any university either in a formal programme or a non-formal programme. However, the scholars can register for not more than one certificate/diploma programme of one year duration through the correspondence stream of Annamalai University.
- 5.9 A full time scholar shall not undertake any employment either part-time or full time.

VI. Code of Conduct

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

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 80% 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. Instructions for Application

Application

The registration of application is Online [University website: www.annamalaiuniversity.ac.in/adm]

PROCEDURE FOR REGISTRATION OF ONLINE APPLICATION

7.1 General Instructions for Applicants

- i. Online Application Number is the Registration Number of the Annamalai University M.Phil. 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 hard copy of the filled in Online application should be sent with all the enclosures 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 25.07.2019 - 5.30 p.m.

v. Candidates opting for Online payment should send a hard copy of filled in online application with relevant enclosures.

- vi. The candidates shall ensure that the completed online 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.
- vii. The University shall not be responsible for any delay in the receipt or for the loss in transit of application form etc.
- viii. Request for extension of time for submission of documents called for, after the specified date and time will not be entertained.
- ix. Any supporting documents received after the due date or application without required documents/particulars will not be entertained.
- x. Photocopy/ Fax copy of the application will not be accepted.
- xi. The candidates are directed to enclose the following certificates along with the Online application:
 - 1. Mark list/Grade Certificates of the qualifying examination (11+1)/(10+2)+3+2, and (10+2+5 pattern)
 - 2. Provisional/Degree Certificate of the qualifying examination
 - 3. Passport size photograph should be affixed in the application at the appropriate space
 - 4. Community Certificate for BC/BCM/MBC/DNC/SC/SCA/ST
 - 5. Proof of Date of Birth
 - 6. Transfer and Conduct/Migration Certificate
 - 7. Certificate of extracurricular activities

www.annamalaiuniversity.ac.in/adm

7.2 General Instructions for Applicants

- i. The University reserves the right to decide on fixing the fee for admission, course work examination and thesis submission from time to time.
- ii. The fee and the caution deposit will be refunded after deducting the service charge of ₹ 1,000/- if the candidate discontinues the programme before commencement of classes.
- iii. However, in case a candidate discontinues the programme on or after the date of commencement of classes, tuition fee will not be refunded.
- iv. The candidates who have joined a programme and wish to discontinue, should pay the tuition fee in full.
- v. Tuition fee should be paid by the candidate as prescribed by the University from time to time.
- vi. Tuition fee for the entire programme together with arrears, if any, shall be payable by the student before Transfer Certificate is issued
- 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 after the submission of thesis.

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.

7.3 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 program, Provisional Certificate will also be distributed through the department concerned.
- ii. **Migration Certificate**: This certificate will be issued only on demand to those who have planned to undergo higher studies in any Educational Institution in India.
- iii. Duplicate Certificate Mark List/Degree: 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, condonation feeetc. till the 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.

REGISTRAR (i/c)

ANNAMALAIUNIVERSITY

ANNEXURE-1



RESEARCH SUPERVISOR'S NAME

Designation Department of Faculty of Annamalai University Annamalainagar-608 002 Tamil Nadu India

CERTIFICATE

| This is to certify that the dissertation | entitled " | " is a |
|---|-------------------------|-------------------------------|
| bonafide work Mr./Ms | , (Roll No |) M.Phil. Student, |
| Department of | Annamalai University, | who carried out research |
| under my supervision. Certified further, that | to the best of my kno | wledge this dissertation has |
| not previously formed the basis for the award | d of any Degree, Diplor | na, Associateship, Fellowship |
| or other similar title to the candidate. | | |

Station:

Signature of the Research Supervisor

Date:

ANNEXURE-2 DECLARATION BY CANDIDATE SUBMITTING DISSERTATION



Annamalainagar

(This format shall be used for declaration by the candidate in submission of dissertation)

DECLARATION

| I, | (Roll No |) M.Phil. Student |
|--|---------------------------|-----------------------------------|
| in the Department of | declare tha | t the work embodied in this |
| M.Phil. dissertation entitled | | |
| is a result of my own bonafide work carried | out with my personal | effort and submitted by me |
| under the supervision of | | at Annamalai University, |
| Annamalainagar. The contents of this disserta | ition have not formed t | he basis for the award of any |
| Degree/ Diploma/ Fellowship/ Titles in this Ur | niversity or any other Ur | niversity or similar Institutions |
| of Higher Learning. | | |

I declare that I have faithfully acknowledged and given credit and referred to the researchers wherever their works have been cited in the body of the thesis/ dissertation. I further declare that I have not willfully copied some other's data/ work/ results etc. reported in the Journals, Magazines, Books, Reports, Dissertations, Theses, Internet etc..

Date:

Signature of the Candidate

This brochure-cum-prospectus is published for enlightening those who intend to apply for admission to **Master of Philosophy (M. Phil.)**, at Annamalai University during 2019-2020. The contents covered are subject to change from time to time and the University may make such changes without notice. The University will provide additional information in response to enquiries from individuals and institutions.

AT A GLANCE

Admission to the Master of Philosophy Programmes [Academic Year 2019-2020]

IMPORTANT DATES

| Online Registration starts on | : 14-06-2019 |
|---|--------------|
| Last Date for closing Online Registration | : 19-07-2019 |
| Last Date for Receipt of Hard copy of application | |
| with enclosures | : 25-07-2019 |

Online Application Form along with Prospectus will be available at the University Website <u>http://annamalaiuniversity.ac.in/adm</u>

Online Application Fee : ₹ 1000/-

For details, Please refer our University website www.annamalaiuniversity.ac.in

THE REGISTRAR

Annamalai University Annamalainagar - 608 002 Tamil Nadu, India

WEBSITE

www.annamalaiuniversity.ac.in

ENQUIRY

+ (91)4144-238349 FAX No. 04144-238080 email: <u>careau2018@gmail.com</u>

RAILWAY STATION

Chidambaram.