



ANNAMALAI



UNIVERSITY



The Annamalai University is a unitary, teaching, and residential university. It was founded by the munificence of the farsighted and noble hearted philanthropist and patron of letters, the late Hon'ble Dr. Rajah Sir Annamalai Chettiar of Chettinad, Kt, LL.D., D.Litt. He started several colleges, and ultimately, the University in 1929. Since its inception, it has progressively tried to realize the aims of the noble Founder Pro-Chancellor. After him, his illustrious son, Padma Bhushan Dr. Rajah Sir Muthiah Chettiar of Chettinad, was the Pro-Chancellor from 1948 to 1984, and he sedulously nurtured the growth and development of the University. The present Pro-Chancellor Dr. M.A.M. Ramaswamy, a philanthropist and a patron of sports, is the distinguished son of Dr. Rajah Sir Muthiah Chettiar. The University has had the unique good fortune of having a succession of eminent Vice-Chancellors to guide its destinies. During the last eighty two years, the University has grown rapidly and has consolidated its position as a unitary and residential University, with Forty Nine Departments of Study and over 3240 members on its teaching staff. Annamalainagar is already a busy and full-fledged University town, east of Chidambaram, the abode of Lord Nataraja. The University campus, including the colleges, hostels, and playgrounds, occupies an area of about one thousand acres.

The National Assessment and Accreditation Council has accredited Annamalai University at the B⁺⁺ level (80-85) among the universities.

Chancellor

His Excellency Thiru SURJIT SINGH BARNALA

Governor of Tamil Nadu

Past Founder Pro-Chancellors

Dr. Rajah Sir ANNAMALAI CHETTIAR, Kt., LL.D., D.Litt.

Padma Bhushan Dr. Rajah Sir M.A. MUTHIAH CHETTIAR, Kt., B.A., D.Litt.

Present Founder Pro-Chancellor

Dr. M.A.M. RAMASWAMY, B.A., D.Litt., D.Sc.

M.P.(Rajya Sabha)

Vice-Chancellor

Prof. Dr. M. RAMANATHAN, M.S(G.S.), F.R.C.S.(Glasg)

PROSPECTUS: 2010 – 2011**MASTER OF PHILOSOPHY**

Duration: One Academic year with two semesters (full-time) from July to April.

1. FACILITIES EXIST FOR RESEARCH LEADING TO THE AWARD OF M.Phil., DEGREE IN THE FOLLOWING SUBJECTS UNDER CREDIT BASED SEMESTER SYSTEM (CBS)

English, History, Political Science, Public Administration, Economics, Sociology, Commerce, Population Studies, Business Administration, Rural Development, Library & Information Science, Development Studies, Philosophy, Mathematics, Statistics, Physics, Chemistry, Applied Chemistry, Botany, Herbal Science, Plant Biology and Plant Biotechnology, Zoology, Microbiology, Environmental Biotechnology, Marine Biotechnology, Marine Microbiology, Marine Food Technology, Marine Biology & Oceanography, Coastal Aquaculture, Ocean Science & Technology, Geology, Applied Geology, Geoinformatics, Biochemistry, Biotechnology, Tamil, Hindi, Linguistics, Education, Adult & Continuing Education, Psychology, Physical Education and Music.

2. ELIGIBILITY CONDITIONS FOR ADMISSION

A pass in Master's Degree in the respective subject with a minimum of Second Class securing at least 55% of the aggregate marks or in an examination recognised as equivalent thereto for all the subjects.

M.Phil. in 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 Second class securing at least 55% of aggregate marks or in an examination recognised as equivalent thereto.

M.Phil. in Applied Chemistry (Faculty of Engg. & Tech.):

A pass in M.Sc. Chemistry/ Applied Chemistry/ Industrial Chemistry examination with a minimum of Second Class securing at least 55% of aggregate marks or in an examination recognised as equivalent thereto.

M.Phil. in Linguistics:

The candidate with M.A. Degree in any language with a minimum of Second Class securing at least 55% of aggregate marks or in an examination recognised as equivalent thereto can be admitted in the M.Phil. 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.

M.Phil. in Population Studies:

The candidate should have secured 55% of marks 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 and Adult Education.

M.Phil. in Herbal Science:

A pass in Master's Degree in Herbal Science/Botany/Pharmacy/Agriculture/Chemistry/Biochemistry with a minimum of Second class securing at least 55% of the aggregate marks or in an examination recognised as equivalent thereto.

M.Phil. in Plant Biology and Plant Biotechnology:

A pass in Master's Degree in Plant Biology and Plant Biotechnology, Botany, Plant Sciences, Biotechnology, Molecular Biology, Microbiology, Biochemistry, Genetics and Pharmacology with a minimum of Second class securing at least 55% of the aggregate marks or in an examination recognised as equivalent thereto.

M.Phil. in Microbiology:

A pass in Master's Degree in Microbiology/Applied Microbiology/Industrial Microbiology with a minimum of Second class securing at least 55% of the aggregate marks or in an examination recognised as equivalent thereto.

M.Phil. in Environmental Biotechnology:

A pass in Master's Degree in Environmental Biotechnology with a minimum of Second class securing at least 55% of the aggregate marks or in an examination recognised as equivalent thereto.

M.Phil. in 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) and Pharmacology with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

M.Phil. in 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, Marine Studies & Coastal Resource Management, Applied Microbiology, Oceanography & Coastal Area Studies, Ocean Science & Technology (Integrated) with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

M.Phil. in Marine Food Technology:

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

M.Phil. in 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, Marine Studies & Coastal Resource Management, Applied Microbiology, Oceanography & Coastal Area Studies, Ocean Science & Technology (Integrated) and Pharmacology with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

M.Phil. in 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, Marine Studies & Coastal Resource Management, Applied Microbiology, Oceanography & Coastal Area Studies, Ocean Science & Technology (Integrated) and Pharmacology with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

M.Phil. in Ocean Science & Technology:

A pass in Master's Degree in Ocean Science & Technology, Environmental Sciences, Environmental Engineering with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

M.Phil. in Applied Geology:

A pass in Master's Degree in Geoinformatics/Applied Geology/Marine Geology/Geo Physics/Geo Chemistry with a minimum of Second class securing at least 55% of the aggregate marks or in an examination recognised as equivalent thereto.

M.Phil. in Geoinformatics:

A pass in Master's Degree in Geoinformatics/Applied Geology/Marine Geology/Geo Physics/Geo Chemistry with a minimum of Second class securing at least 55% of the aggregate marks or in an examination recognised as equivalent thereto.

M.Phil. in Biotechnology:

A pass in Mater's Degree in Biotechnolgy/Biochemistry with a minimum of Second class securing at least 55% of the aggregate marks or in an examination recognised as equivalent thereto.

M.Phil in Adult and Continuing Education:

The candidate should have secured 55% of marks in M.A. Adult Education or other interdisciplinary programmes viz.

M.A.(Sociology / Economics / Social Works / Education / Work Education / Philosophy / History / Political Science / Rural Development / Anthropology / Population Studies)

M.Sc. (Psychology/ Geology/ Statistics)

M.P.Ed. (Master of Physical Education)

Preference will be given to students who have passed NET examinations.

M.Phil. in 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 Second class securing at least 55% of the aggregate marks or in an examination recognised as equivalent thereto.

M.Phil. in Clinical Psychology:

The course is open to those who have passed M.A. Degree Examination in Psychology of the Annamalai University or any other University approved by the Annamalai University, securing not less than 55% marks in the aggregate of the Master's Degree Course as a whole. Preference will be given to candidates who have studied a paper on Clinical Psychology, Psychopathology or Abnormal Psychology at the M.A. level.

Duration: (a) The course extends to two academic years starting from July. The leave rules are governed by Annamalai University regulations. (b) Vacation: The candidates are eligible to utilise leave not exceeding one month in a year. This is to be taken in not more than two blocks in a year, either of which can be of less than 10 days duration.

General

“5% relaxation of eligibility condition (i.e. from 55% to 50%) for SC/ST candidates for admission to M.Phil Programme”.

Eligibility for Teachers:

Teachers of this University who have put in two years of service shall, however, be eligible to register for the M.Phil. (Part-time) degree irrespective of the class obtained by them. Such applicants should send completed applications to the Registrar through proper channel.

3. METHOD OF SELECTION

Candidates have to appear for an entrance examination in the respective subjects to be conducted by the respective departments and thereafter an interview. The date, venue, and time of the entrance examination and interview will be notified to the applicants separately as soon as it is fixed.

4. THE APPLICATION SHALL CONTAIN THE FOLLOWING PARTICULARS

- i) Applicant's qualification, attainment, previous study, and research.
- ii) The special subject in which the applicant intends to do research.
- iii) The name of the teacher of this University and his consent to supervise the applicant's research work should be obtained in the prescribed column in the application.

5. SCHEME OF EXAMINATIONS

The one year M.Phil. Programme carries 30 credits and shall be distributed as follows:

Semester	Course	Credit	Internal Assessment Marks	End Semester Exam. Marks	Total Marks
First	Course-I: Research Methodology	6	40	60	100
	Course-II: Area of Specialization	6	40	60	100
Second	Course-III:	6	40	60	100
	Background Paper Dissertation	8	-	-	100
	Viva Voce	4	-	-	100
	Total	30			500

COURSE-I : RESEARCH METHODOLOGY (6 CREDITS)

Common to all the students of the Department. The question paper will be set by an External Examiner, and the valuation is done both by the concerned Head of the Department/ Section-Engineering & Technology (Applied Chemistry) and the External Examiner who set the question paper.

COURSE-II : AREA OF SPECIALIZATION (6 CREDITS)

This may be common to all the students of a Department or to the students of a particular area/subject. External examiner will set the question paper and the respective guide and the paper setter will do the valuation.

COURSE-III : BACK GROUND PAPER (6 CREDITS)

This will be on the topic of the dissertation.

There will be a separate question paper for each student. An external examiner will set the question paper and the respective guide and the external examiner who set the question paper will do the valuation.

Examination in Paper I and II will be held at the end of the first semester and the examination for Paper III will be held at the end of the second semester.

For papers I, II, and III each carrying 100 marks, 40 marks shall be allotted for continuous internal assessment based on tests, seminars and assignments and 60 marks shall be allotted for the end semester University examination. The syllabus for each paper will consist of 5 units.

DISSERTATION (8 CREDITS)

After the successful completion of the three theory papers, 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. The dissertation will be sent to an external examiner for valuation.

VIVA-VOCE (4 CREDITS)

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 Guide. The Head of the Department will be the Chairman of the M.Phil. Programme. For M.Phil. in Applied Chemistry, the Dean, Faculty of Engineering and Technology, will be the Chairman.

However, the teachers of Annamalai University admitted to Part-time M.Phil. Degree Programme shall take all the courses (Course-I, Course-II, and Course-III) at the end of the first year of the Programme but (and they must complete this) within a period of two years from the date of admission.

Attendance: A student should secure a minimum of 80% of attendance in each semester in the M.Phil. Programme.

Marks and Grading

The M.Phil. Programme shall carry a maximum of 500 marks. The performance of a student in each paper will be evaluated in terms of percentage of marks with a provision for converting it to grade point.

Note: A minimum of 50% of marks in each paper is prescribed for a pass. A student has to secure 50% minimum in the end semester examinations.

Grading

Rating on a ten point scale is used for the evaluation of the performance of the student to provide letter grade for each course, and Overall Grade Point Average is awarded finally.

Marks	Grade Point	Letter Grade
90 and above	10	S
85 and above but below 90	9.0	D Plus
80 and above but below 85	8.5	D
75 and above but below 80	8.0	D Minus
70 and above but below 75	7.5	A Plus
65 and above but below 70	7.0	A
60 and above but below 65	6.5	A Minus
55 and above but below 60	6.0	B
50 and above but below 55	5.5	C
Less than 50	-	F (Fail)

The successful candidates are classified as follows:

I Class : 60% and above in overall percentage of Marks (OPM).

II Class : 50% and above but below 60% in overall percentage of Marks.

Candidates who obtain 75% and above but below 90% of marks (OPM) shall be deemed to have passed the examination in FIRST CLASS with Distinction provided he/she passes all the courses prescribed for the Programme at the first appearance.

Candidates who obtain 90% and above (OPM) shall be deemed to have passed the examination in FIRST CLASS with Exemplary provided he/she passes the entire course prescribed for the programme at the first appearance.

6. SUBMISSION OF THESIS

The teachers of the University admitted to the Part-time M.Phil. Programme shall submit their thesis at the end of Second Year but not later than three years from the date of commencement of classes.

Those who have been admitted to the M.Phil. Full-time programme shall submit their thesis at the end of the first year but not later than the second year from the date of commencement of classes.

7. IMPORTANT NOTE

A candidate will not be permitted to appear for the written examination on more than two occasions and will not be permitted to submit a thesis for the degree on more than two occasions.

If a candidate failed in theory papers on more than two occasions, he or she is not entitled to submit his/her dissertation. The candidate has to rejoin the programme as a fresh student.

Original certificates submitted at the time of admission are not returnable till the completion of the Programme. Candidates are advised to have with them sufficient attested copies of the certificates.

EXAMINATION

- a. The examination will be held in two parts viz., Part-I held at the end of First Semester and Part-II held at the end of Second Semester. The student will not be allowed to take the Part-II examination unless he/she has passed the Part-I examination.
- b. The regular examination for Part-I and Part-II will be held in May/June every year. Supplementary examination will be held for Part-I and Part-II in the month of September/May.
- c. A candidate who fails in Part-I of the regular examination will be allowed to continue the programme for the Second Semester and take the supplementary examination to be held in the month of September/May.
- d. A minimum period of three months additional attendance shall be necessary for a candidate before appearing for the examination in case he/she fails to clear Part-I and or Part-II within a period of three years from the date of admission to the programme.

SUBMISSION

- a. Two months before the Part-I examination (End of February) every candidate should submit 5 Psycho-diagnostic reports.
- b. Three months before the Part-II examination (End of June) every candidate should submit 5 Therapeutic case records.
- c. Three copies of the dissertation which are typed and bound should be submitted by the second year students two months before the Part-II examination (End of February).
- d. Before appearing for Part-I of the examination, the candidate should attain competence in the core-test prescribed and a certificate from the Head of the Department on the recommendation of the Guide that the candidate has satisfactorily undergone prescribed practical tests should accompany the application for Part-I of the examination.

- e. The application for appearing at the Part-I and Part-II of the examination should be accompanied by a certificate issued by the Head of the department on the recommendation of the Guide that the candidate has undergone the course of study and has carried out the clinical work and research assignment prescribed.

ENDOWMENTS

- 1) The Prof. M.O. Mathew Endowment of ACAA Prize for securing First and Second Highest marks in “Research Methodology” – Course-I in First Semester of M.Phil. Commerce Degree Examinations.
- 2) The Dr. Vijayam Sriramulu Prize for securing the First Rank in the M.Phil. Zoology Degree Examinations.
- 3) The T.P. Meenakshisundaranar’s 61st Birthday Prize for securing the highest marks in the M.Phil. Tamil Degree Examinations.
- 4) The Physical Education Alumni Prize in the name of Dr. M. Robson, former Professor of Physical Education for best M.Phil. Dissertation in Physical Education.

IMPORTANT DATES

Date of Issue of application forms with prospectus	: 14-06-2010
Last date for receipt of filled in application forms	: 09-07-2010

The completed application forms should be addressed to **the Registrar, Annamalai University, Annamalainagar – 608 002, Tamil Nadu** by designation and not by name and should reach him on or before the last date noted above.

DOCTOR OF PHILOSOPHY

Facilities exist for research leading to the award of Ph.D. Programme in the following faculties:

- | | | |
|--------------------------|---|--|
| Arts | : | English, History, Political Science, Public Administration, Economics, Sociology, Commerce, Population Studies, Business Administration, Rural Development, Library & Information Science, and Philosophy. |
| Science | : | Mathematics, Statistics, Physics, Chemistry, Botany, Herbal Science, Plant Biology and Plant Biotechnology, Zoology, Microbiology, Environmental Biotechnology, Marine Biotechnology, Marine Microbiology, Marine Food Technology, Marine Biology & Oceanography, Coastal Aquaculture, Ocean Science & Technology, Geology, Applied Geology, Geoinformatics, Biochemistry and Biotechnology. |
| Indian Languages | : | Tamil, Hindi, and Linguistics. |
| Engineering & Technology | : | Civil, Structural, Mechanical, Manufacturing, Electrical, Instrumentation, Chemical, Computer Science & Engineering, and Pharmacy. |
| Education | : | Education, Adult & Continuing Education, Psychology, Physical Education, and Yoga. |
| Fine Arts | : | Music |
| Agriculture | : | Agronomy, Entomology, Plant Pathology, Microbiology, Soil Science & Agricultural Chemistry, Agricultural Botany, Genetics & Plant Breeding, Seed Science & Technology, Horticulture, Agricultural Economics, and Agricultural Extension. |
| Medicine | : | Anatomy, Physiology, Biochemistry, Pharmacology, Pathology, Microbiology, Community Medicine, Medicine, Paediatrics, Obstetrics & Gynaecology, Surgery, Ophthalmology, Radiology, Dermatology, and Nursing. |
| Dentistry | : | Orthodontics, Periodontics, Pharmacology, and Oral Pathology. |

1. ELIGIBILITY

The candidates registering for the Ph.D. Programme are required to satisfy any one of the following conditions:

1. Master's Degree with 55% of marks or equivalent grade point average for courses in the Faculties of Arts, Education, and Indian Languages and 60% of marks or equivalent grade point average for the Faculties of Science, Engineering & Technology, and Agriculture. However, for Programmes in the Faculty of Science, 55% in M.Sc., with a First Class in M.Phil. Degree in the concerned subject or its equivalent grade point average in the relevant discipline of this University or any other University accepted by the Syndicate as equivalent thereto. Preference will be given to those who have passed the NRF/NET/GATE Examinations.

Population Studies:

The candidate should have secured 55% of marks in Post Graduate Degree in Population Studies or other interdisciplinary Programmes viz. Hospital Administration, Hospital Management, Project Management, Sociology, Economics, Commerce, Management, Psychology, Geography, Statistics, Social Work, Rural Development, Anthropology, Medicine, Nursing, Public Health, Education, and Adult Education.

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 Second class securing at least 55% of aggregate marks or in an examination recognised as equivalent thereto.

Herbal Science:

Candidates registering for Ph.D. Programme are required to secure a minimum of 60% in M.Sc. or 55% marks in M.Sc. with a first class in M.Phil degree in Herbal Science/Botany/Pharmacy/Agriculture/Chemistry/Biochemistry or in an examination recognised as equivalent thereto.

Plant Biology and Plant Biotechnology:

Candidates registering for Ph.D. Programme are required to secure a minimum of 60% in M.Sc. or 55% marks in M.Sc. with a first class in M.Phil degree in Plant Biology and Plant Biotechnology, Botany, Plant Sciences, Biotechnology, Molecular Biology, Microbiology, Biochemistry, Genetics and Pharmacology or in an examination recognised as equivalent thereto.

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, and Pharmacology with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

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 with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

Marine Food Technology:

A pass in Master's Degree in Botany, Zoology, Aquaculture, Biochemistry, Biotechnology, Microbiology, Fishery Science, Animal Science & Biotechnology, Plant Science & Biotechnology, Biochemistry with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

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, and Pharmacology with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

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, and Pharmacology with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

Ocean Science & Technology:

A pass in Master's Degree in Ocean Science & Technology, Geology, Applied Geology, Geoinformatics, Environmental Sciences, and Environmental Engineering with a minimum of second class securing 55% of the aggregate marks or in an examination recognized as equivalent thereto.

Applied Geology:

A pass in Master's Degree in Geoinformatics/Applied Geology/Marine Geology/Geo Physics/Geo Chemistry with a minimum of 60% in M.Sc. or 55% marks in M.Sc. with a first class in M.Phil degree or in an examination recognised as equivalent thereto.

Geoinformatics:

A pass in Master's Degree in Geoinformatics/Applied Geology/Marine Geology/Geo Physics/Geo Chemistry with a minimum of 60% in M.Sc. or 55% marks in M.Sc. with a first class in M.Phil degree or in an examination recognised as equivalent thereto.

Biotechnology:

A pass in Master's Degree in Biotechnology/Biochemistry/Microbiology with a minimum of 60% in M.Sc. or 55% marks in M.Sc. with a first class in M.Phil degree or in an examination recognised as equivalent thereto.

Linguistics:

- a. The candidate should have passed the M.A. Programme [any language or literature] / P.G. Degree in Computer Science / P.G. Degree in Engineering & Technology [Computer & IT related] and complete his/her Master's Degree in Linguistics or M.A. Translation Studies (through DDE) or Diploma in Linguistics or PG Diploma in Natural Language Processing before submitting the dissertation.
- b. The students after completion of the Ph.D. Degree will be awarded as Ph.D. in Linguistics [Interdisciplinary].
- c. The guide for the students of Ph.D. in Linguistics will be in Linguistics and the Co-guide will be from the relevant major Programme.

Adult and Continuing Education:

Master's Degree with 55% of marks or equivalent grade point average in the faculties of

Arts (Sociology/ Economics/ Social Works/ Philosophy/ History/ Political Science/ Rural Development/ Anthropology/ Population Studies),

Education (Education/ Work Education/ Psychology/ Physical Education/ Adult and Continuing Education)

Languages (Tamil/ English) and

60% of marks or equivalent grade point average in the faculties of Sciences, 55% in M.Sc (Geology/ Statistics), with a first class in M.Phil in the concerned subject or its equivalent grade point average in the relevant discipline of this University or any other University accepted by the Syndicate as equivalent thereto.

Psychology:

The candidate should have secured 55% of marks in Post Graduate Degree in Psychology and all specialization in Psychology (Applied Psychology, Clinical Psychology, Guidance and Counseling, Organizational Behaviour etc.).

Yoga:

A pass in M.Sc. Yoga with minimum of 55% of marks under 10+2+3 + (PG Diploma in Yoga + M.Sc. Yoga (Lateral Entry) / M.Sc. Yoga in a recognized University.

Medicine & Dentistry:

Master's Degree with 50% of marks in the concerned subject is the minimum qualification for admission to the Ph.D. Programme for the Faculties of Medicine and Dentistry (Except Nursing and Physiotherapy).

For Physiotherapy and Nursing:

Masters Degree with 60% of marks in Physiotherapy and Nursing is the minimum qualification for admission to Ph.D. Programme in Physiotherapy and Nursing.

- i) Members of the Teaching staff in the Faculties of Medicine and Dentistry can register for Ph.D. in the field of their specialization, and those who do not find qualified guides may be permitted to register for Ph.D. degree under the guidance of the Head of the Division in the respective Faculties with a provision of qualified Co-guide from the field of their specialization or from other Department/ Division in our University or other recognized Institution/ Universities.
- ii) A tutor appointed on permanent basis in Medical and Dental Faculty in this University with PG qualification can be considered for the Ph.D. Programme as per the norms applicable to the Medical and Dental Faculty.
- iii) The in-service faculty members who are registering for Ph.D programme on Part time basis in the faculty of Medicine & Dentistry may be directed to execute a bond stating that he/she has agreed to serve the University for a minimum period of three years after awarding Ph.D. Degree.

General

- 1) **Eligibility condition for admission to all Ph.D. Programme under Part-Time (Inservice Staff Members).**
 - i) **Those who are joining as Lecturer with M.Phil./M.E./M.Tech./M.Pharm./M.Sc.(Agri.) are permitted to register for Ph.D. Programme after one year from the date of their joining.**
 - ii) **Others have to register Ph.D./M.Phil. Programme after two years from the date of their joining as Lecturer and Five years in case of Lab Technician.**
- 2) A Teaching staff serving in the Faculty of Science of this University with 55% in M.Sc., and with Second Class in M.Phil. Degree in the concerned subject is considered eligible for Ph.D. Programme as part time candidate.

- 3) In-service candidates of the Department of Computer Science & Engineering of this University with P.G. qualification other than Computer Science can register for Ph.D. in the Department of Computer Science, provided they satisfy other requirements.
- 4) A Teaching staff serving in any Faculty of this University or a project staff working in sponsored projects undertaken by this University can register as a part-time candidate provided he/she fulfils the eligibility condition of Sl.No.1.
- 5) Persons working as Resource persons in Annamalai University are eligible to apply for Ph.D. provided they fulfil the eligibility conditions of the Ph.D. registration Programme as Part-time candidates.
- 6) A relaxation of 5% will be provided (55% to 50%) at Master's Degree for SC/ST, physically and visually handicapped candidates in the Faculties of Arts, Science, Indian Languages, Education, and Fine Arts for the registration of Ph.D. Programme.
- 7) Full time teachers working in the various Departments of the Muthiah Polytechnic are permitted to register for Ph.D. degree programme in this University as Part-time candidates.
- 8) For Ph.D. Programme in the Faculty of Fine Arts, the candidate should possess a degree in any discipline from any recognized University in India or abroad and produce evidence of previous training, knowledge of a high standard acquired in any branch of Fine Arts in which the candidate wishes to work for the Ph.D. Programme. The candidates competence in the specified branch of Fine Arts will be assessed by a committee of experts and they will give their opinion about the eligibility of the candidate to register for the Ph.D. Programme.

2. REGISTRATION

A candidate who wishes to undertake Ph.D. research of this University either full time or part time registration should apply in the prescribed form on or before the due date. The candidates of this University should route their application through the Head of the Department of the Faculty.

The application must be completely filled in all respects. The applicants for interdisciplinary research should have a co-guide from the relevant discipline in addition to a guide in the main subject.

3. EXTERNAL REGISTRATION

[Limited candidates will be considered for registration. The University has reserved full rights for the selection]

Eligibility: Same as for regular candidates. In addition to that, the following are the additional conditions for registration for a Ph.D. Programme.

1. The candidate must register under a guide who is a member of the Faculty of this University.

2. The candidate should be working as Lecturer/Reader/Professor on permanent basis in a recognized college where facilities for carrying out research work are available and have post graduate departments for Science, Engineering, and Medical and Agriculture subjects or under graduate departments of Arts subjects, or working as research assistants in private or government Institutions having research and development facilities, or librarians working in Colleges/University or Physical Director working in Colleges/University and who fulfil the eligibility conditions.
3. However, such college/research Institutes should be recognized by Annamalai University for this purpose. The Colleges/Research Institute/Organization should apply for recognition to the University in the prescribed format with recognition fee of Rs. 30,000/- in the relevant subject or Department from which they wish to depute candidates for the Ph.D. Programme. At the discretion of the Vice-Chancellor, a committee may be appointed to visit the college/Institution to inspect the infrastructure facilities available for pursuing Ph.D. research. Based on the recommendations of the Committee, the University may give admission to the candidate sponsored by the Institution. This clause is not applicable to those Institutions/Organizations that have been already recognized for external registration.
4. The candidate should have a recognized co-guide in the parent department of the organization. The Co-guides may also be from other colleges located from the same town if such persons are not available in the parental organization.
5. Other regulations relating to Ph.D. Programme in this University shall be applicable to these candidates also, except the clause relating to the period of residence.
6. During the period of the programme, a minimum compulsory period of six months of residence will have to be put in by the candidates, including those who have qualified for the M.Phil. degree. This period of attendance may be at a stretch or on several occasions including weekends. The time schedule for the students will be prepared by the guide, endorsed by the head of the department, and the Dean, will be sent to the Registrar periodically for follow up action. However, they should put in a period of atleast two months in a year.
7.
 - i) **NOC (No Objection Certificate) is to be produced from the employer of the Institution/Organisation where he/she is working and attached along with the application.**
 - ii) **Co-guide acceptance letter should also be enclosed with the application form.**

4. SELECTION PROCEDURE

Applications which fulfils the above conditions (mentioned in the Prospectus) will be scrutinized by a Doctoral Committee consisting of the proposed guide, the Head of the Department and two or three senior staff members (not more than five). The candidate will have to appear for a written test and an interview (75 marks+ 25 marks). The marks and the evaluation report will be placed before the Vice-Chancellor who in consultation with the Dean of the Faculty and Head of the Department will select and admit the applicant to work under the guide proposed.

5. DOCTORAL COMMITTEE

It will be composed of the HOD, two/three senior faculty members and the guide. The total number will not exceed five.

- a. The research work of each candidate will be reviewed by the Committee every six months – in January and July. The candidate will have to present details of the work carried out by him/her with the review Committee and the same will have to be endorsed by the guide before the Committee. In case of fresh Ph.D. scholars the candidate will have to appear before the review Committee at the end of the first year.
- b. These review meetings are compulsory for all full time, part time and external candidates. The comments of the Doctoral Committee should be forwarded by the last week of January and last week of July to the Controller of Examinations through the Dean.
- c. In case, the scholar fails to submit his/her report before the review committee he/she will be given another chance. The maximum additional chances will not be more than two. Beyond this period the candidate's registration will be temporarily cancelled and it can be reconsidered only by the Vice-Chancellor.

6. COURSE WORK FOR NON- M.Phil. CANDIDATES

The research scholars who do not possess M.Phil. degree shall undergo the core courses prescribed by the guide and take the Part-I Methodology Examinations in two papers at the end of the first year of registration. Scholars who opted for interdisciplinary topic will take an additional paper under Part-I examination on a relevant topic prescribed by the guide. Methodology examinations should be completed within a maximum period of two years after registration.

If a candidate fails in any paper, he/she can repeat the examinations on two more occasions only. If the candidate fails in the third appearance, the registration shall be cancelled.

Only after successful completion of the Methodology examinations, the scholar will be eligible to submit the thesis after a minimum period of two years from the date of passing the methodology examination.

7. DURATION

The minimum period of residence required before submission of the thesis is three years for Master's degree holders and two years for M.Phil. Degree holders. The candidate should complete his/her thesis work within a period of five years from the date of registration.

8. CHANGE OF GUIDE AND TOPIC

A change in guide will be permitted under the following condition.

- a. The Student/Guide should give a valid reason for a change.
- b. The Vice-Chancellor will constitute the committee to go into his/her request.
- c. When the change of Guide is approved the candidate has to work for a minimum of two years with the new guide provided he/she should fulfil the attendance requirements.

The research scholars will be permitted to continue to work and submit their thesis under the guidance of a retired person only upto a maximum period of six months from the date of retirement of the guide. On such occasions, the Head of the Department concerned will ascertain the progress of the scholar in consultation with the guide and find out whether the scholar will be able to submit his/her thesis within six months from the date of retirement of his/her guide. If not, the Head of the Department will suggest the change of guide for the scholar in consultation with the guide (about-to-retire) through the concerned Dean.

Candidates shall select and furnish the research topic within the period of two years for Laboratory oriented research and 18 months for non-laboratory oriented research from the date of registration. Whenever, a scholar seeks permission for change of topic after the period mentioned above, he/she is permitted to submit the thesis only after three years from the date of approval of such change of topic for Master's degree holders and two years for M.Phil. degree holders and those who have completed Part-I methodology examination.

9. SUBMISSION AND EVALUATION OF THESIS

A minimum of one paper relevant to the topic of the thesis in each of National/International Journals be published before submission of the Ph.D. thesis and the copies of the same be enclosed in the thesis by all research scholars. After completing the minimum, required period of research, the candidate will submit five copies of his/her thesis printed or typewritten, embodying the results of the research carried out by him/her, together with the submission fee as prescribed by the University. Three months before the submission of the thesis, he/she has to submit three copies of the synopsis of the thesis to the Controller of Examinations with the prescribed fee.

The Doctoral thesis in the field of Tamil, History, and Fine Arts can be submitted in the Tamil Languages also.

In case the candidate fails to submit the thesis (after submission of the synopsis) within the stipulated time, he/she has to resubmit the synopsis with a condonation fee as prescribed by the University. Every candidate should also submit with the thesis a certificate from the Guide/Co-guide under whom the candidate worked, specifying that the thesis submitted is a record of research work done by the candidate during the period of study under him/her, and that the thesis has not previously formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or similar title. A statement from the guide indicating the extent to which the thesis represents independent work on the part of the candidate should also be made. A candidate shall also attach to his/her thesis, in support of the quality of his/her research work, printed copies of any contributions he/she might have published in journals/ periodicals along with names of such journals and periodicals.

10. VALUATION OF THESIS

For the constitution of the Board of Examiners (Evaluation), the guide will suggest a panel of five foreign examiners and five Indian Examiners (External), which will be forwarded by the Head of the Department concerned.

The Ph.D. thesis will be evaluated by a board of two examiners chosen from the panel given by the guide. Of the two, one will be from within the country and the other will be from a foreign country. The two examiners will send thesis evaluation reports directly to the Controller of Examinations. The Controller of Examinations on receipt of the reports from the two examiners, will send them to the concerned guide who is the convener of the evaluation Board. The guide will send the consolidated report with his remarks to the Controller of Examinations.

On the satisfactory reports of the evaluation, Viva-voce Examination will be arranged. The Viva-Voce Board shall comprise the guide (Convener), one external examiner who valued the thesis, and the Head of the Department. If the Head of the Department happens to be the guide, the Dean of the faculty will nominate a senior member of the staff of the concerned Department in the place of the Head of the Department.

11. REVISION AND RESUBMISSION OF THESIS

If an examiner recommends change/further work, the thesis will be referred to the same examiner after compliance for his opinion. In case of rejection by Foreign/Indian examiner, the thesis will be sent to another Foreign/Indian examiner and his/her recommendation will be final.

If the thesis is recommended to be revised by one or both the examiners the, points of revision will be indicated clearly in the report. The necessary correction should carried out, and the revised version should be sent to the concerned examiner(s). If the examiner(s) is/are still not satisfied with the revised version, the

thesis will be rejected. If the thesis is accepted by the Board of Examiners (Evaluation) a public viva-voce examination will be conducted by the viva-voce Board.

A candidate who is not successful at the viva-voce examination will be permitted to undergo the viva-voce examination again within a period of three months.

12. EXTENSION OF TIME

Scholars who do not submit the thesis within the stipulated period of five years should apply for extension of time three months before the completion of five years. Extension of time and the fees to be paid will be considered by the Deans Committee, if the extension is duly recommended by the guide, Head of the Department, and the Dean of the Faculty. Such candidates will be eligible for extension of time for a maximum period of three years.

- a) The Scholar will have to enroll as a fresh candidate if he/she fails to submit the thesis within the maximum extension period of three years when granted.
- b) If a scholar requires a few more months after the expiry of the maximum extension period of three years for the submission of the thesis as per the evaluation of the guide, duly recommended by the head of the department and the Dean of the Faculty, as an exceptional case, the Deans Committee may consider for re-registration to enable the scholar to submit the thesis. In any case, the time granted shall not exceed six/twelve months.

13. NUMBER OF CHANCES

A candidate will not be permitted to submit a thesis for the degree on more than two occasions. However, it will be open to the syndicate, if the Board of Examiners so recommend, to permit the candidate to submit a thesis on a third occasion. Also, he will not be permitted to appear for the viva-voce examination on more than two occasions.

14. PUBLICATION OF THE THESIS

The thesis, whether approved or not, should not be published without the permission of the Syndicate, which may grant permission for the publication under such conditions as it may impose.

15. ADMISSION TO FOREIGN STUDENTS

Students who are 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. 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.

16. GENERAL INSTRUCTIONS – COMMON TO ALL PROGRAMMES

- i. Originals of marks-lists or other certificates should not be sent along with the application. Only attested copies of documents need be sent.

Original certificates submitted at the time of admission are not returnable till the students 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.

- ii. Late applications and applications which are not in the prescribed form or which are not correctly filled in or in respect of which the prescribed certificates and documents are not received on or before the due date and applications which do not otherwise fulfil the terms of the instructions, will be considered defective and are liable for rejection. The University will not be responsible for any postal or other kinds of delay for the receipt of applications after the due date.
- iii. In case of candidates who wish to withdraw from the Programme at the same year of admission who have NOT attended any of the classes and whose seats have been subsequently filledup, service charges for refund of tuition fee and return of original certificates except the Transfer/Migration certificate will be collected @ Rs. 1,000/-.
- iv. Students who have joined a programme and wish to discontinue need not pay the tuition fees for the subsequent years, but should have paid the fees in full up to the year of study.
- v. No certificate will be issued unless the candidate has cleared all the arrears of fees etc., due to the University.
- vi. With regard to any dispute arising in relation to admissions, 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 Annamalai University, will be Chidambaram Town only and not any other place.

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 a model for other students.
- ii. All students will have to strictly adhere to the rules and regulations of the college.
- iii. 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.
- iv. The students should be present during all working hours and sincerely apply themselves to studies.

- v. The students should attend the classes regularly and punctually. A minimum attendance of 80% in each subject is required to be eligible to appear for the University examinations.
- vi. The campus is “Smoke Free” and “Liquor Free”. Deviants will face dismissal from the programme.
- vii. The students are forbidden from using powered 2 wheelers inside the campus. (A joint undertaking letter from the students and parent should be submitted at the time of admission).
- viii. Using mobile phones inside the faculty premises is prohibited.

Scholarships Sanctioned by UGC

- i. UGC Rajiv Gandhi National Fellowship (RGNFS) for SC/ST for doing research leading to the award of M.Phil./Ph.D.
- ii. UGC Research Fellowship in Sciences for meritorious students in the various Faculties (Applicable to all Department of Sciences, Bio Sciences, Agricultural Sciences, Engineering Sciences).
- iii. UGC – Post Doctoral Fellowship for SC/ST candidates Research Associateship (RA).

Note: The Advertisement will be published in all leading news papers and also guidelines available on UGC Website www.ugc.ac.in in the month of August first week every year.

Endowments

- 1) Annamalai University Physics Ph.D. awardees Endowment.
- 2) The Prof. R.V. Seshaiya Prize for Best Ph.D. thesis in Marine Biology.
- 3) The Registrar Vishvanathan Iyer Prize for Best Ph.D. thesis in Manufacturing Engineering.
- 4) The Physical Education Alumni Prize in the name of Dr. Sivasankaran, Former Professor of Physical Education for best thesis in Physical Education.

University Research Studentship

The University Research Studentship is awarded for certain Ph.D. Scholars every year based on the research progress work, conduct, and attendance based upon the seniority. Those who have been availing/availed the studentship once are not eligible for renewal. Preference will be given to M.Phil. Degree holders.

HOSTEL

Admission to the hostel will be strictly restricted to actual accommodation available and no associate will be allowed.

16. FEES

The candidate who is selected for admission should pay the prescribed tuition and other fees every year till the submission of the thesis.

In the case of teachers of this University who pursue the research in addition to their teaching work, the collection of fee will be up to five years.

***The cost of application form for admission to
M.Phil., Ph.D. Programme are noted below.***

M.Phil. – Rs. 500/-

Ph.D. – Rs. 1000/-

IMPORTANT DATES

Date of Issue of application forms with prospectus : **14-06-2010**

Last date for receipt of filled in application forms : **09-07-2010**

The completed application forms should be addressed to **the Registrar, Annamalai University, Annamalainagar – 608 002, Tamil Nadu** by designation and not by name and should reach him on or before the last date noted above.

Annamalainagar
14-06-2010

Dr. M. RATHINASABAPATHI
Registrar