



(Accredited with 'A' Grade by NAAC)

FACULTY OF AGRICULTURE

M.Sc. (Ag.) / M.Sc. (Horti.) / M.B.A. (Agri. Business)

DEGREE PROGRAMMES

PROSPECTUS: 2016 – 17

(Information & Instructions to Candidates)

University website: www.annamalaiuniversity.ac.in

Annamalai University

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 Now, the Annamalai University Act, 1928 has been repealed and replaced by the Annamalai University Act 2013 (Tamil Nadu Act 20 of 2013).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.

Established in 1929, 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. Annamalai University is one of the first institutions in the country to offer courses in Engineering and Technology. The University has initiated several innovative teaching programmes over the years and has been a pioneer in distance education. 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. Nineteen departments are supported by UGC-SAP, Sixteen by DST-FIST and two departments have attained the status of Centre of Advanced Study. The University has been rated Seventeenth in the country among the Top 100 institutions of Higher Education and Second in the State by SCImago Institutional Ratings. 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, Johns 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 Agrosiences, Bill & Melinda Gates Foundation, HCL, L&T, Accenture, and Huawei.

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

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

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I. FACULTY OF AGRICULTURE

The Faculty of Agriculture was started in the year 1958. Presently there are nine departments in this faculty namely, Agronomy, Entomology, Plant Pathology, Agricultural Microbiology, Soil Science and Agricultural Chemistry, Genetics and Plant Breeding, Horticulture, Agricultural Economics, Agricultural Extension and a division of Animal Husbandry.

Quality and Excellence in Teaching

- i. The Faculty offers facilities such as Hi-tech class room with LCD projectors and internet connectivity, well established Experimental farm, Agro-meteorological observatory, orchard, livestock farm and an air conditioned seminar hall.
- ii. Hands on training in scientific agricultural and horticultural techniques and analytical skills are taught to students.
- iii. State-of-art knowledge in wider disciplines of agriculture are being imparted to the students to meet the global challenges.
- iv. Training programmes to take up commercial agriculture is integrated as a component of curriculum.
- v. Exposure to motivational events for students to make them job providers rather than job seekers.
- vi. Experiential Learning and Rural Agricultural Work Experience is introduced in the curriculum to offer scope for participatory and bottom up approaches of learning process.

Research Facilities

The grants obtained from UGC, DST, DBT, ICAR, NMPB, Ministry of Coal, Ministry of Environment & Forests, Ministry of Water Resources etc. and budgetary provision from the University have added to an excellent infrastructural setup that facilitate cutting edge research in Agriculture and Horticulture.

Teaching, research and extension activities, the three vital components for any agricultural institution, add significant value to the Faculty of Agriculture. The research and extension activities of the Faculty of Agriculture have clearly made significant strides in improving the life style of the farming community and enhancing the caliber and aptitudes of agricultural graduates.

Teaching Collaborations

Dual Degree Programme

The Faculty collaborates with Nova Scotia Agricultural College of Dalhousie University in Canada in offering dual degrees to students. The salient features are

- Selected students need to undertake six semesters in Annamalai University, Faculty of Agriculture and three semesters in Nova Scotia Agricultural College, Canada.
- After completion of nine semesters, they will be awarded with a B.Sc.(Ag./Hort.) degree by Annamalai University and an another degree in Bachelor of Technology in Landscape Gardening by Nova Scotia Agricultural College, Dalhousie University, Canada.

Career Opportunities

Students are offered the best of their career opportunities through rigorous training for soft skill development and placement with suitable employer by the Placement Cell that operates exclusively for the Faculty. Many of the alumni have occupied prestigious positions like Vice-Chancellors of State Agricultural University, Principal Secretaries in State Government Ministries, Scientists in CGIAR (Consultative Group of International Agricultural Research) Institutions, Plant Protection Advisor to Government of India, Continental and Global leaders in Multinational Companies, Executives in Nationalized Banks, Sugars, Fertilizers, Seed and Pesticide Industries, Executive Officers in Police, Administrative, Forest and Foreign Services of Government of India, etc.

1.1 Programmes Offered

The Faculty of Agriculture offers the following Post Graduate Programme.

M.Sc.(Agriculture/ Horticulture/ Agri. Business) (Full Time & Part Time)

Two Year Post-Graduate Programme leading to the degrees of M.Sc.(Ag.) Agronomy, Entomology, Plant Pathology, Agricultural Microbiology, Microbial Biotechnology, Soil Science & Agricultural Chemistry, Genetics and Plant Breeding, Agricultural Biotechnology, Seed Science and Technology, Agricultural Economics, Agricultural Extension, M.B.A (Agri. Business) and M.Sc. (Hort.) (i) Fruit Science, (ii) Vegetable Science, (iii) Floriculture and Landscape Gardening, (iv) Spices, Medicinal and Aromatic Crops are offered.

Duration

- The duration of all the courses offered is two academic years comprising of four semesters for Full Time and three academic years comprising of six semesters for Part-Time.

II. FEE & SCHOLARSHIP

2.1 Tuition Fee

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

S.No.	Name of the Programme	Total fee per Annum (₹)
1.	M.Sc.(Agriculture) / M.Sc.(Horticulture)	37,050/-
2.	M.Sc.(Agricultural Biotechnology)	37,050/-
3.	M.B.A.(Agri. Business)	35,050/-
4.	M.Sc.(Agriculture) (Part-Time)	37,050/-

2.2 Hostel Fee

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

S. No.	Hostel Name	Caution Deposit (₹)	Annual Hostel & Mess Charges (₹)	Total (₹)
1.	Mullai Illam (M.G. Block)(For Boys)	5,000/-	50,000/-	55,000/-
2.	Thamarai Illam (For Ladies)	5,000/-	40,000/-	45,000/-

- * This fee has to be paid by the students at the time of joining the hostel and would exclusively cover the room rent and establishment charges. The mess charges which are in addition could be adjusted through the scholarship amount.

2.3 Scholarships

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

- i. **Application Fee Concession to SC/ST and Converted Christian Students:** Entrance/Course Application fees concession is granted to students belonging to SC/ST Community and Converted Christian by the Government Tamil Nadu (G.O. No. 111. 22.09.1998).
- ii. **Tuition Fee Concession to SC/ST and Converted Christian Students:** Full Tuition fee concession is granted to students belonging to SC/ST community and converted Christian under the rule 92 of Tamil Nadu Education Rules by the Government of Tamil Nadu [92-TNER].
- iii. **SC/ST Community students** whose Parent's/Guardian's income from all sources should **not exceed ` 2,50,000/- per annum, and Converted Christian (converted from SC/ST) ` 2,00,000/- per annum.**
- iv. **Other State Scholarship:**
 - a. **Other State Scholarships** for SC/ST/BC/OBC/EBC students.
 - b. **Puducherry State Scholarships only for Puducherry SC/ST Students.**
 - c. **"ISHAN UDAY" Scholarship for Northern Eastern Region Students.**
- v. **Minority Scholarship:** Minority Scholarship award on the basis of merit cum means for minority community students.
- vi. **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 ` 2,00,000/- per annum.**
- vii. **BC/MBC/DNC Scholarship:** The Scholarship will be awarded to the Students belonging to **BC/MBC/DNC** communities whose Parent's/ Guardian's income from **all sources should not exceed ` 2,00,000/- per annum.**
- viii. **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 **from all sources should not exceeds ` 24,000/-.**
Note: For all Scholarship Income Certificate taken after April 2016 should be produced.
- ix. UGC scheme for award of Post Graduate Scholarship for Professional Courses for SC/ST Candidates.
- x. Post Graduate Indira Gandhi Scholarship for single girl Child: This is only for the Candidate who happens to be single Girl child of the family (having no brother or sister) and who has taken admission in regular full time Master Degree course in recognised University or a Post Graduate College in conventional basic subject.
Note: This advertisement of the above schemes will be published in all leading news papers and also the Guidelines available on the respective Website of the funding agencies.

III. ELIGIBILITY CRITERIA

3.1. Qualifying Examinations and Eligibility

a) M.Sc.(Ag.)/M.Sc.(Hort.)/M.B.A.(Agri. Business) Full Time

Candidates with the following four year degree programmes from Universities recognised by Annamalai University are eligible to apply for M.Sc.(Ag.), M.Sc.(Hort.) and M.B.A.(Agri. Business) Programmes of the University.

i. **M.Sc.(Ag.) – Agricultural Economics**

B.Sc.(Ag.) / B.Sc.(Hort.) / B.Sc.(Agricultural Marketing & Cooperation) / B.Tech.(Hort.) / B.Tech.(Ag. Engg.) / B.Tech.(Ag. Bio.Tech) / B.Sc.(Forestry) / B.F.Sc. / B.Sc.(Sericulture) / B.Sc.(Home Science) / B.E.(Ag.) / B.V.Sc. / B.Sc.(Dairy Science) Programmes

ii. **M.Sc.(Ag.) Agricultural Extension**

B.Sc.(Ag.) / B.Sc.(Hort.) / B.Sc.(Forestry) / B.E.(Ag.) / B.V.Sc. / B.F.Sc. / B.Tech.(Hort.) / B.Tech.(Ag.) / B.Sc.(Sericulture) / B.Sc.(Dairy Science) / B.Sc.(Home Science) Programmes

iii. **M.Sc.(Ag.) Agricultural Microbiology**

B.Sc.(Ag.) / B.Sc.(Hort.) / B.Sc.(Forestry) / B.V.Sc. / B.F.Sc. / B.Tech.(Ag. Bio.Tech) / B.Tech.(Hort.) / B.Sc.(Dairy Science) / B.Sc.(Home Science) Programmes.

iv. **M.Sc.(Ag.) [Agronomy, Agricultural Entomology, Genetics and Plant Breeding, Plant Pathology, Soil Science and Agricultural Chemistry / Microbial Biotechnology/ Seed Science and Technology/Agricultural Biotechnology].**

B.Sc.(Ag.)/B.Sc.(Hort.)/B.Sc.(Forestry)/B.Tech.(Hort.) / B.Tech.(Ag. Bio.Tech) Programmes

v. **M.Sc.(Hort.) – (i) Fruit Science, (ii) Vegetable Science, (iii) Floriculture and Landscape Gardening, (iv) Spices, Medicinal and Aromatic Crops**

B.Sc.(Hort.)/ B.Tech.(Hort.)/ B.Sc.(Ag.)/ B.Tech.(Ag.Bio.Tech)/ B.Sc.(Forestry) Programmes

vi. **M.B.A. (Agri. Business)**

B.Sc.(Ag.) / B.Sc.(Hort.) / B.Sc.(Agrl. Marketing and Co-operation) / B.Tech.(Hort.) / B.Tech.(Ag. Engg.) / B.Tech.(Ag. Bio.Tech) / B.Sc.(Forestry) / B.F.Sc. / B.Sc.(Sericulture) / B.Sc.(Home Science) / B.E.(Ag.)/ B.V.Sc. / B.Sc.(Dairy Science) Programmes

Candidates who have undergone the programme under conventional system should possess not less than a second class Bachelors's Degree. The candidates under 4 point grade systems should possess a minimum OGPA of 2.50 out of 4.00 and 2.75 out of 4.00 in the concerned subject. For those less than 10 point grade system, a minimum OGPA of 6.00 out of 10.00 and 6.50 out of 10.00 in the concerned subject is required. However, this will not apply to SC/SCA/ST candidates, for whom a pass in the degree concerned is sufficient. For M.B.A (Agri. Business) the minimum OGPA of 2.50 out of 4.00 is sufficient.

Note: Candidates should submit attested copies of all the grade sheets pertaining to all the eight semesters; otherwise the application is liable to be rejected.

b) M.Sc.(Ag.)/M.Sc.(Hort.)/M.B.A.(Agri. Business) Part Time

The Part-time M.Sc. (Ag./Hort.) / M.B.A (Agri. Business) programme will be offered to the in-service candidates of Annamalai University with at least two years of service. The duration of this programme will be of three years. Part-time students will be permitted to register subjects up to a maximum of only 11 credits per semester and research credits from the four semesters (III to VI semester) will be the same as that of regular students. Eligibility for part-time programme will be a pass in B.Sc.(Ag.)/ B.Sc.(Hort.) for the in-service candidates. The candidate may be permitted to study the subjects of their choice in the P.G. Programme for M.Sc.(Ag.).

IV. ALLOCATION OF SEATS

Reservation of Seats

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

Among the above reservations, **3%** seats have been included for differently abled persons as per norms laid down by the Government of Tamil Nadu.

V. MODE OF SELECTION

A candidate can apply for only three subjects (Programmes). **An entrance test will be held for admission to M.Sc.(Ag.)/M.Sc.(Hort.)/M.B.A.(Agri. Business) Programmes.** Candidate shall be required to be present on the specified date for **a written test and interview at their own expenses.** Based on their performance in the entrance test and interview the candidates will be allotted to a particular discipline, subject to the availability of seats in that discipline.

Date of the entrance test and interview will be informed later.

VI. CODE OF CONDUCT

- i. The following code of conduct shall be observed by the students who are admitted.
- ii. The students should conduct themselves in an exemplary manner so as to be model for other students.
- iii. All students will have to strictly adhere to the rules and regulations of the University.
- iv. 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.
- v. **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.**
- vi. The students should be present during all working days and sincerely apply themselves to studies.
- vii. The students should attend the classes regularly and punctually and should fulfil the attendance requirement of 75% as prescribed by the University, to be eligible to appear for the University Examinations.

- viii. The campus is "Tobacco Free" and "Liquor Free". Any violation of this will result in dismissal from the program.
- ix. 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.
- x. The students are forbidden from using motorized vehicles, including powered two wheelers, inside the campus.
- xi. Dress Code: Students need to wear formal dress largely covering them like Sarees/Churidhar with dupatta for ladies and Trousers, Pant & Shirt for men.

VII. GENERAL INSTRUCTIONS

7.1. Application

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

PROCEDURE FOR REGISTRATION OF ONLINE APPLICATION

7.2 General Instructions for Applicants

- i. Online Application Number is the Registration Number of the Annamalai University M.Sc.(Ag.)/M.Sc.(Horti.)/M.B.A.(Agri. Business) Admissions 2016.
- ii. The Candidates seeking admission should Register and apply only through Online by logging on to www.annamalaiuniversity.ac.in/adm
- iii. The guidelines for registration are available on the Annamalai University Website Portal.
- iv. The Online application Number should be quoted in all future correspondence.
- v. The filled in Online application should be downloaded and sent with all the 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 30.06.2016 - 5.30 p.m.

- vi. Acknowledgement will be sent to the registered e-mail on receipt of the filled in online application by post together with a demand draft for M.Sc.(Ag.)/ M.Sc.(Horti.)/M.B.A.(Agri. Business) for SC/SCA/ST ` 500/- Others ` 1000/- which is drawn in favour of **The Registrar, Annamalai University, payable at Chennai.**

- vii. 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.
- viii. The University shall not be responsible for any delay in the receipt or for the loss in transit of application form etc.,
- ix. Request for extension of time for submission of documents called for, after the specified date and time will not be entertained.
- x. Any supporting documents received after the due date or application without required documents/particulars will not be entertained.
- xi. Photocopy/ Fax copy of the application will not be accepted.
- xii. Both upper limbs, vision and hearing should be normal for all candidates (including for candidates applying under orthopaedically physically disabled category).
- xiii. The candidates are directed to enclose the following certificates along with the Online application:

Photocopy of

- 1. B.Sc.(Ag.) / B.Sc.(Horti.) / B.Tech(Ag. Biotech) / Equivalent Mark Sheet
 - 2. Transfer Certificate
 - 3. Permanent Community Certificate Card for ST, SC, SCA, MBC & DNC, BC and BCM (permanent card / electronic form / digitally e-Certificate).
 - 4. Nativity Certificate – if applicable
- xv. Candidates are advised to post the completed online application well-in advance before the due date and time. If it is sent by post it is advisable to send by Registered post / Speed post to ensure proper delivery.

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

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

Original Certificates submitted at the time of admission will be returned before the end of second semester. In case a candidate requires the original certificates for valid reasons, he/she may apply for the same with valid proof. The candidates are advised to have with them attested copies of mark lists or other certificates that may be required for applying scholarships/ bank loan etc.

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

7.3 Important Conditions for Applicants

- i. The candidates who have joined a programme and wish to discontinue, should **pay the tuition fee in full up to the year of study.**
- ii. If the candidate discontinues the programme before commencement of classes and the resultant vacancy is filled up, the fees paid by the candidate including the caution deposit will be refunded after deducting a service charge of ` 1,000/-.
- iii. Tuition Fees for each academic year should be paid well before the due date, failing which a fine as prescribed by the University will be charged. The Candidate shall not be permitted to appear for the University Examination without clearing the Fee arrears.
- iv. Fees for the entire program together with arrears, if any, shall be payable by the student before Transfer Certificate is issued. However, the Special Fees for the remaining period of the program shall be waived.
- v. Caution deposit shall be refunded on application after adjustment towards any dues from the student. Application for refund of caution deposit should be submitted within one year of completing the course.
- vi. No certificate will be issued, unless the candidate has cleared all the arrears of fees etc., due to the University.
- vii. 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.
- viii. Original Certificates submitted at the time of admission will be returned before the end of second semester. In case a candidate requires the original certificates for valid reasons, he/she may apply for the same with valid proof. The candidates are advised to have with them attested copies of mark lists or other certificates that may be required for applying scholarships/bank loan etc.

7.4. General Information

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

- i. **General:** Mark list for each Semester/Year during the period of study will be issued by the University and distributed through the respective departments of study. On completion of the program, Provisional Certificate and Transfer Certificate will also be distributed through the department concerned.
- ii. **Migration Certificate:** This certificate will be issued by the University Office ('K' Section) only on demand to those who have planned to undergo higher studies in any Educational Institution in India.
- iii. **Duplicate Certificate** - Mark List / Degree / Transfer Certificate: A certificate from the police department is required to be produced for the loss of certificates indicating that the certificates were actually lost beyond recovery.

- iv. **Degree Certificate:** Notification will be issued in the leading dailies during the month of September/October every year inviting application forms for obtaining Degree Certificate at the Convocation. Students shall apply for the same in the prescribed form which can be obtained from the University.
- v. **Personal File:** Students are advised to maintain a personal file containing all academic records such as challan for remittance of tuition fee, exam fee, instrument fee, condonation fee etc. till completion of his/her studies.
- vi. **Re-admission:** If any attendance deficiency during the tenure of his/her studies, candidates shall apply for re-admission through the Heads concerned along with the photocopy of his/her previous semester/year mark list(s) as proof for having appeared for the University Examinations.
- vii. **Change of Name/Date of Birth:** Candidate who wishes to change of Name, date of Birth, of his/her name should be made only during the period of study by producing a copy of "Gazette Notification" from the respective Government NO such change shall be entertained after completion for his/her studies in the University.
- viii. **How to get Certificate:**
 - a) Students may apply for any certificates in this University viz., Bonafide, Course Completion, Duplicate mark list, Degree Certificate and Transfer Certificate etc, either during the tenure of his/her studies on completion of the program and may obtain the same from the office or by post within a fortnight period from the date of filing application in the office. He/she should possess compulsorily **1)** a copy of letter where he/she has applied for **2)** a copy of remittance challan and **3)** any other documents, whenever any lapse of the original submitted to University (or) loss in transaction.
 - b) If candidates do not receive the certificate/s within the stipulated period, then he/she can immediately seek the assistance of the Section Head/Deputy Registrar of the 'K' Section with relevant copy of records that has been already submitted for claiming the certificates, so as to enable them to get the certificate from the office (or) necessary guidance will be provided for the same.
 - c) Students admitted to various programs of the University, should get back his/her original certificates produced at the time of admission within three months either on completion of program (or) discontinuing the same in the middle of the program. The University is not responsible for any lapse or damage of the certificates, beyond this period.

REGISTRAR (i/c)
ANNAMALAI UNIVERSITY