

**Admission to External Ph.D. Programs 2015-16 (Calendar year)**  
**School of Post Graduate Studies**  
Tamil Nadu Agricultural University  
Coimbatore - 641 003, India

**Information Brochure**

***(Read all the instructions carefully before filling the application)***

**IMPORTANT**

- ❖ *Application form should be downloaded from TNAU website [www.tnau.ac.in](http://www.tnau.ac.in)*
- ❖ *All communications will be sent electronically through e-mail only*
- ❖ *Filled-in application form should be sent by post or courier before the last date along with enclosures*

## **1. Background**

Tamil Nadu Agricultural University (TNAU) is an Institute of global excellence for higher education in agriculture and allied sciences in Asia. The Indian Council of Agricultural Research (ICAR), New Delhi recognized TNAU with “The Best Institution and the Best Performing University” awards. It is the first State Agricultural University (SAU) to be accredited by ICAR. TNAU is a pioneer in offering innovative programs among SAUs in the country and has a strong linkage with National and International Institutes of repute for student exchange program. The students after completion of course requirements are permitted to take up thesis research in any institute/industry in India as well as abroad. These includes ICRISAT, Patencheru, ICAR institutes, other SAUs, Jain Irrigation etc., TNAU is offering External Ph.D. by research from the academic year 2013-14.

## **2. Strength**

- Competent faculty trained in International Institutes
- Well stocked library with more than 4000 online journal access
- Well equipped laboratories, computer centre, communication lab etc.
- Hostels with wifi internet facility

**LAST DATE FOR RECEIPT OF APPLICATION 5.00 P.M. 15.12.2014 FOR EXTERNAL Ph.D. PROGRAMS**

**Tentative date of entrance test to be conducted at TNAU, Coimbatore: 22.12.2014**  
**Date of commencement of classes for First Trimester : 05.01.2015**

### 3. External Ph.D. by research in the following 27 disciplines

**Details of courses offered in different campuses (Important:** Candidates will be allotted to any of the TNAU college campuses in which the specified courses are available and it is based on the merit and preference of the students. University's decision is final in this regard).

Sl. No.	Course offered	Campus
<b>a) Faculty of Agriculture</b>		
1.	Economics	Coimbatore
2.	Entomology	
3.	Extension Education	
4.	Microbiology	
5.	Agronomy	
6.	Plant Physiology	
7.	Genetics and Plant Breeding	
8.	Nematology	
9.	Plant Pathology	
10.	Seed Science & Technology	
11.	Soil Science	
12.	Biotechnology	
13.	Environmental Science	
14.	Agri Business Management	
15.	Sericulture	
16.	Meteorology	
17.	Agricultural Finance , Banking and Insurance **	
<b>b) Faculty of Horticulture</b>		
18.	Fruit Science	Coimbatore
19.	Vegetable Science	
20.	Spices, Plantation, Medicinal and Aromatic Plants	
21.	Floriculture & Landscape	
<b>c) Faculty of Agrl. Engineering</b>		
22.	Bio-Energy	Coimbatore
23.	Agri. Process Engg.	Kumalur
24.	Farm Machinery & Power	
25.	Land & Water Management Engineering	
<b>d) Faculty of Forestry</b>		
26.	Forestry	Mettupalayam
<b>e) Faculty Home Science</b>		
27.	Home Science	Madurai

**\*\* minimum experience of 10 years in agricultural banking or agricultural insurance is essential.**

#### 4. System of education

The pattern of instruction is choice based credit trimester system with thesis research being an essential part of programs. Every candidate provisionally registered for the external Ph.D Program shall undergo off class course work in the first year (3 trimesters). The course work consists of evaluation of the following:

- Paper I Research Methodology (3+0)  
(Research methods of concerned discipline)
- Paper II An advanced paper in the subject concerned (3+0)
- Paper III Background (special) Paper related to his / her PhD Work (3+0)  
(Pertaining to the area of specialization chosen by the candidate under a guide)

Participation in two international or national conferences / Seminars (equivalent to 0+2 seminar credits) and presentation of credit seminars (0+3) in the concerned department at TNAU

## 5. Minimum residential requirement

External Doctoral Degree by research : Four years (twelve trimesters)

## 6. Eligibility

6.1 **External Doctoral programs** : Candidates who have studied four years degree program and two years masters program by regular stream in any one of the State Agricultural Universities / Colleges affiliated to State Agricultural Universities and should have professional experience not less than two years in Government or Private organization / Institutions, where R&D facilities recognized by TNAU are available to conduct field and laboratory experiments leading to award of External Ph.D. degree by TNAU. No objection certificate (NOC) and sponsorship certificate from the employer and statement of purpose (SOP) are mandatory (see appendix 1, 2 & 3) to get admission in this program. The selected external Ph.D. students can do their research work in the research station nearer to their work place.

6.2 **Minimum OGPA /Aggregate requirement:**

**External Doctoral program:** A candidate who has undergone course credit system with a minimum OGPA of 3.00 out of 4.00 or 7.00 out of 10.00 or 70% aggregate alone is eligible to apply for various external Ph.D. programs. However, for SC/ST candidates a pass in the qualifying degree is sufficient for all programs.

### 6.3 Eligibility

#### 1. Economics

M.Sc.(Ag.) in Agricultural Economics / Agricultural Marketing Management.

#### 2. Entomology

M.Sc.(Ag.) in Agricultural Entomology

#### 3. Extension Education

M.Sc.(Ag.) Agricultural Extension / In service candidates with M.Sc. Home Science Extension

#### 4. Microbiology

M.Sc.(Ag.) in Agricultural Microbiology

#### 5. Agronomy

M.Sc.(Ag.) in Agronomy

#### 6. Plant Physiology

M.Sc.(Ag.) in Crop Physiology or Plant Physiology

#### 7. Genetics and Plant Breeding

M.Sc.(Ag.) Plant Breeding and Genetics/M.Sc.(Ag.) Plant Genetic Resources/ M.Sc. (Ag.) Genetics and Plant Breeding

#### 8. Nematology

M.Sc.(Ag.) Plant Nematology/ M.Sc.(Ag.) Agricultural Entomology/ M.Sc.(Ag.) Plant Pathology with thesis research in Plant Nematology.

#### 9. Plant Pathology

M.Sc.(Ag.) in Plant Pathology

#### 10. Seed Science and Technology

M.Sc.(Ag.) in Seed Science and Technology

#### 11. Soil Science

M.Sc.(Ag.) in Soil Science and Agricultural Chemistry

#### 12. Biotechnology

M.Sc. (Biotechnology) of TNAU or its equivalent in related field of specialization with basic Farm Science Degree. Candidates possessing Masters degree in Plant Breeding and Genetics / Agrl.

Microbiology/ Agrl. Entomology/ Plant Pathology/ Horticulture/ Forestry/ Environmental Sciences/ Seed Science and Technology/ Crop Physiology/ Plant Nematology/Bioinformatics/ Biochemical Technology/Microbial Technology of TNAU are also eligible.

**13. Environmental Sciences**

Candidates possessing a Master's degree in Environmental science from TNAU/ Agricultural Microbiology /Soil Science and Agricultural Chemistry/Agronomy / Crop Physiology/Plant Breeding and Genetics/ Agricultural Entomology/ Plant Nematology /Plant Pathology/ Horticulture/ Forestry/ M.Tech Agricultural Engineering of TNAU or from a recognized university. Candidates with M.Sc. (Biotechnology) with basic farm science degree are also eligible to apply.

**14. Agri Business Management**

Masters degree in Business Management / Business Administration/ Agricultural Marketing Management /Agricultural Economics of State Agrl. Universities, Masters degree in Agribusiness Management of IIMs, PG Diploma (2 year) in management of All India Management Association, PG Diploma (2 years) in Agribusiness Management of MANAGE, Hyderabad, PG Diploma (2 years) in Rural Management of IRMA, Anand, Gujarat.

**15. Sericulture**

M.Sc. (Sericulture) / M.Sc. (Ag.) in Sericulture

**16. Meteorology**

M.Sc.(Ag.) in Agricultural Meteorology and Climatology

**17. Agricultural Finance , Banking and Insurance**

All post graduate in Agricultural Economics working in any cadre in banking sector and agricultural insurance companies.

All agricultural graduates with M.Sc. (Ag.) in any discipline and with a minimum experience of 10 years in agricultural banking or agricultural insurance.

**HORTICULTURE**

**18. Fruit Science**

M.Sc.(Hort.) in Fruit Science /M.Sc.(Hort.\*)

**19. Vegetable Science**

M.Sc(Hort.) in Vegetable Science /M.Sc(Hort.\*)

**20. Spices Plantation, Medicinal and Aromatic Plants**

M.Sc.(Hort.) Spices and Plantation Crops / M.Sc.(Hort.) in Spices, Plantation, Medicinal and Aromatic Crops / M.Sc.(Hort.\*)

**21. Floriculture and Landscape**

M.Sc.(Hort.) Floriculture and Medicinal Crops/ M.Sc.(Hort.) in Floriculture and Landscape Gardening/M.Sc.(Hort\*.)

(\*) M.Sc. (Hort.) with thesis work in the concerned sciences/crops.

**AGRICULTURAL ENGINEERING**

**22. Farm Machinery and Power**

M.Tech. (Ag.Engg.)/M.E.(Ag.) of TNAU and IIT in the concerned discipline

**23. Bio-Energy**

M.Tech. (Ag.Engg.)/M.E.(Ag.) of TNAU and IIT in the concerned discipline

**24. Agricultural Process Engineering**

M.Tech. (Ag.Engg.)/M.E.(Ag.) of TNAU and IIT in the concerned discipline

**25. Land and Water Management Engineering**

M.Tech. (Ag.Engg.)/M.E.(Ag.) of TNAU and IIT in the concerned discipline/M.Tech.(Ag.Engg.) Environmental Engineering B.E./B.Tech(Agrl.Engg.) degrees from State Agricultural Universities and who acquired post graduate programme in Government institutions viz. Indian Institute of Technology, Constituent Colleges of Anna University, Government Engineering Colleges

**26. Forestry**

M.Sc. (Forestry). In-service candidates with M.Sc.(Ag.)/ M.Sc. (Hort.) with 3 years experience in Forestry/ Agro-Forestry.

M.Sc. (Forestry) in Silviculture & Agroforestry / Tree Breeding & Biotechnology/ Forest Ecology / Wildlife Management / MBA (Forest Business Management)

**HOME SCIENCE**

**27. Foods and Nutrition**

M.Sc. (H.Sc.) / M.Sc. in Food Science and Nutrition of TNAU/other SAUs

## 7. Application procedure and fee details:

7.1. All applicants should download the application from TNAU website [www.tnau.ac.in](http://www.tnau.ac.in). The filled in application should be sent along with the following documents to **Dean, School of Post Graduate Studies, Tamil Nadu Agricultural University, Coimbatore 641 003**, Tamil Nadu, India by 5.00 p.m. on or before **15.12.14**.

- i. Rs.1000/- (Rs. 500/- for SC/ST) **per subject** should be paid online.
- ii. **True copies of Tamil Nadu Community certificate issued by the Revenue authorities as per G.O.(Ms).No.85 BC, MB & MW Department, Dated 29.7.2008, G.O.(Ms).No.96 BC, MB & MW Department (BCC), dated 08.09.2008, G.O.(Ms).No.97 BC, MB & MW Department (BCC), Dated 11.9.2008, G.O.(Ms).No.37 BC, MB & MW Department (BCC), Dated 21.5.2009 and G.O.(Ms).No. 98 BC, MB&MW Department (BCC), Dated 5.11.2009.** SC/ST candidates from other states should also enclose true copy of the community certificate issued by competent authority.
- iii. A true copy of provisional / degree certificate showing the Class or OGPA obtained in the qualifying degree
- iv. True copies of mark list / transcript card showing details of courses undergone and marks obtained in the qualifying degree.
- v. True copies of the conduct certificates from head of the institution and two professors where the candidate last studied
- vi. Self addressed & sufficiently stamped acknowledgement card (Post card)

Note: **All true copies must be attested by competent authority and have to be enclosed along with application.**

- 7.2. Completed application should be properly stitched with all enclosures
- 7.3. Applications received after the prescribed date will not be considered on any account. The University will not take any responsibility for postal delays(or) non receipt of intimations sent by e-mail
- 7.4. All enquiries regarding admission process should be made only through e-mail at [deanspgs@tnau.ac.in](mailto:deanspgs@tnau.ac.in)

## 8. Method of selection

8.1. Candidates are required to be present on the specified date for a written test to be conducted at TNAU, Coimbatore at their own expenses. Request for change in the date/time will not be entertained.

8.2. The exact date of written test will be intimated to the candidate through email.

8.3. Written test with objective type questions from concerned subject will be of one hour duration. Eligible candidates will write the entrance exam for 100 marks in three compartments

Compartment 1	General Agriculture	for 15 marks
Compartment 2	Aptitude	for 10 marks
Compartment 3	Specific subject	for 75 marks

8.4. **All the original certificates for which attested true copies have been enclosed with the application must be produced for verification at the time of written test. Candidates who fail to produce original certificates will not be allowed to write entrance test.**

8.5. Seats are reserved for candidates belonging to Scheduled Caste (including Arunthathiars)/Scheduled Tribes/ Most Backward/Backward Class Muslim/ Backward Classes as prescribed by the Government of Tamil Nadu.

## 9. Admission Procedure

9.1. The candidate will be informed of their selection for admission by email only. **University will not hold any responsibility for failure in delivery of mails.** They should pay the prescribed fees on or before the date specified by the Dean, School of Post graduate Studies, failing which their names will be deleted from the selection list.

- 9.2. The following original documents must be surrendered at the time of admission and failure to surrender any of the documents will make the candidates ineligible for admission.
- i. Provisional / Degree certificate of Bachelor's / Master's degree (**Provisional / Degree certificate should have been obtained before the date of admission**)
  - ii. Transfer /Migration certificate
  - iii. Conduct certificates one from the head of the Institution and two from the Professors of the Institution where the candidate last studied.
  - iv. Mark list/transcript card of Bachelor's/Master's degree.
  - v. The original community certificate issued by the competent Revenue authorities should be produced for verification. **An attested copy of original community certificate should be submitted for record.**
- 9.3. Candidates who have paid the fees should register their courses on the date specified or within 7 working days (Inclusive of Saturdays) from commencement of trimester failing which the candidates will have to forfeit their seat.
- 9.4. Selected candidates who pay the fees on the notified date but fail to register on the specified date or fail to inform within seven working days from the date specified for registration are liable to forfeit all fees paid.
- 9.5. Candidates who discontinue after admission (or) registering the courses are not eligible for refund of any other fees except caution money deposits.
- 9.6. Once the originals are surrendered they will not be returned to the candidates till the course is completed or the candidates discontinue the course permanently. Hence, sufficient number of the copies of all the original certificates (Grade/Mark sheet/report cards/ transfer/ conduct/provisional degree certificates) should be taken by the candidates before surrendering the originals to the University.

**10. Intimation of entrance test/selection/admission**

All communications regarding entrance test/selection / admission will be notified only electronically by e-mail and hence, candidates are requested to provide E-mail ID compulsorily and check their e-mails daily.

**12. Dispute Redressal**

Any complaints, grievances etc., related to External Ph.D. admission 2015-16 and academic matters must be first referred to the Dean, School of Post Graduate Studies, Coimbatore who will be the appellate authority with respect to such complaints/disputes. The Courts having their jurisdiction at Coimbatore alone can adjudicate on all matters and disputes related to External Ph.D. admission 2015-16 and academic matters.

13. **Important: Ragging is an offence. Students indulging in ragging either inside or outside college will be prosecuted as per rules.**

**Check List – make ✓ mark in the appropriate box ( to be enclosed along with application)**

<b>Sl.No.</b>	<b>Particulars</b>	<b>Enclosed</b>	<b>Not enclosed</b>
1.	Application fee receipt		
2.	True copy of Provisional / Degree Certificate		
3.	True copy of Mark list/Transcript Card		
4.	True copy of conduct certificate from Head of the institution last studied		
5.	True of copies of two conduct certificates from the Professors of the institution last studied		
6.	True copy of community certificate		
7.	True copy of Transfer/Migration certificate		
8.	Evidence for fellowship obtained		
9.	Sponsorship certificate from the employer		
10.	No objection certificate (NOC)		
11.	Statement of purpose (SOP)		

**Signature of the Candidate**

**Sponsorship certificate for External Ph.D. by Research  
(To be typed on letterhead of the sponsoring organization)**

1. Name and address of the organization: \_\_\_\_\_
2. Designation of the applicant: \_\_\_\_\_
3. Status of the applicant (Permanent /Temporary): \_\_\_\_\_
4. Division where research work is proposed to be done: \_\_\_\_\_
5. Name of supervisor: \_\_\_\_\_  
(bio-data of supervisor to be enclosed giving details of designation, qualification, research experience etc.)
6. Details of facilities relevant to the research problem which will be made available to the candidate by the organization.
7. Statement of external supervisor

If Mr./Mrs. \_\_\_\_\_ is registered for the doctorate degree I agree to act as his/her research supervisor jointly with the research supervisor from the Institute.

Signature of External Supervisor

If Mr. / Mrs. \_\_\_\_\_ is admitted to the Ph.D programme, we shall allow him / her to undergo the programme of studies and also to fulfill the residential requirement if any by TNAU as per rules.

During the period of Doctoral programme the candidate will be permitted to carry out his / her research work at our laboratories / organization and will be given the required facilities.

We also give our consent to Mr./Mrs. \_\_\_\_\_ of our organization to supervise the Ph.D. Project, jointly with TNAU, faculty.

Signature and Seal of the  
Sponsoring Authority

**No Objection Certificate from University for Ph.D. Candidates under College Teacher  
Category**

(To be typed on letterhead of the Institution / University)

Dear Sir,

This is to certify that our Institution has no objection to the candidature of Mr/Ms \_\_\_\_\_, who is working as \_\_\_\_\_ in the \_\_\_\_\_ College, to join the external Ph.D Programme at TNAU, Coimbatore.

Signature & Seal of the Head of the University / Institution.

(Bio-data of External Supervisor to be enclosed giving details of designation, qualification, research experience, etc)

**STATEMENT OF PURPOSE**

Statement of Purpose (SOP) is your opportunity to share with the admission committee your thoughts and feeling about Postgraduate studies at TNAU, Coimbatore including your preparation for the same. Restrict yourself to 500-600 words. The personal SOP will aid the admission committee in evaluating your application.

1. Name \_\_\_\_\_

2. External Ph.D. Programme in \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_ Signature with Name \_\_\_\_\_