

[illegible]

**6. Details of employment : (Applicable only for External Ph.D. /M.Phil./M.S. Applicants)**

(Particulars of employment(s) from date of passing prescribed qualifying Examination till last date of application shall be provided. Enclose Certificates).

Name of Employer / Organisation	Your Designation	Duration of Employment		Salary last drawn	Nature of duties
		From	To		

**7. Specific Area of Research:**\_\_\_\_\_

(Enclose a detailed plan of the proposed research work on a separate sheet of paper)

**8. Name & Designation of the proposed Supervisor:**\_\_\_\_\_

(Enclose brief Bio-data of the research Supervisor in the format given..

The Supervisor shall satisfy the eligibility criteria as per the

UGC Guidelines of 2009)

**9. Facilities available at the place of work/employment:**\_\_\_\_\_

(Please attach a separate sheet of paper  
attested by the relevant authority)

**10. Declaration by the Candidate :**

I shall abide by the Academic Regulations of the JNT University Anantapur, Ananthapuramu.  
The particulars furnished above are correct and complete to the best of my knowledge.

I have not registered for any other course leading to degree in any other University or  
Institution and I shall not register during research period

Date :

Place :

SIGNATURE OF  
CANDIDATE

**Note:-Any further updates will be put on the website only. Candidates are advised to visit regularly.**

### 11. Concurrence of the proposed Supervisor

I agree to supervise the proposed Ph.D./M.Phil./M.S. work of Mr./Ms. \_\_\_\_\_  
and I further certify that I have \_\_\_\_\_ no. of Ph.D. and \_\_\_\_\_ no. of M.Phil. \_\_\_\_\_ no. of M.S.  
candidates registered with me as Supervisor at present.

Date:  
Place:

Signature:  
Name:  
Designation:  
office Seal:

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### Co-Supervisor (In case of necessity):

I agree to supervise the proposed Ph.D./M.Phil. /M.S. work of Mr./Ms. \_\_\_\_\_  
as Co-supervisor.

Date:  
Place:

Signature:  
Name:  
Designation:  
office Seal:

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### 12. "No Objection Certificate": (Applicable only for External Ph.D./M.Phil. Applicants)

(To be issued by the Head of the Organisation of Place of work / employment of the candidate)

Mr / Ms ..... will be permitted to pursue the proposed  
Research work for the Ph.D./M.Phil/M.S. Degree of the JNT University Anantapur by making use  
of the available facilities in our organization mentioned at col. (9). The Supervisor(s) shall be  
permitted to visit the organization periodically to monitor and assess the work of the candidate.

Date:  
Place:

Signature:  
Name:  
Designation:  
office Seal:

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**Note : 1. If particulars in detail for items 7 to 12 are not furnished, the application will not be  
considered at all.**

**2. Fee once paid will not be refunded.**

## **Format of Bio-Data of Supervisor/Co-supervisor**

Affix latest  
Passport size  
photograph

1.Name in full:\_\_\_\_\_

2.Father's/Husband's name : \_\_\_\_\_

3.Date of birth:\_\_\_\_\_Age:\_\_\_\_\_

4.Official address with designation of present employment: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Official Phone/Mobile no: \_\_\_\_\_ e-mail id:\_\_\_\_\_

5.Address for correspondence: \_\_\_\_\_

\_\_\_\_\_

Personal Mobile no:\_\_\_\_\_ e-mail id:\_\_\_\_\_

6.Educational qualifications starting from S.S.C.

Exam	Subject/ Specialization if any	College/School where studied	University / Board	Year of passing with Division	Aggregate Percentage

Date of award of Ph.D. as in Doctorate certificate/ notification :

(enclose true copies)

7.Details of employment :

Name of Employer / Organisation	Your Designation	Duration of Employment		Salary last drawn	Nature of duties
		From	To		

(enclose true copies of employment)

8. Research experience in \_\_\_\_\_ years :

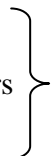
research areas

1.

2.

9. Number of Ph.D.s

Ph.D. research scholars



awarded \_\_\_\_\_

persuing \_\_\_\_\_

Total registered as on date \_\_\_\_\_

Please mention M.Phil's if any \_\_\_\_\_

10. Number of publications :

(enclose list and latest four publications copies)

11. Any other distinctions :

The biodata has been submitted for the purpose of registration as research supervisor. I certify that above all statements are true to the best of my knowledge.

**Signature.**

**ORIGINAL**

**HALL TICKET**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**

**ANANTHAPURAMU 515 002 A.P.**

**ENTRANCE TEST FOR ADMISSION TO FULL TIME / EXTERNAL RESEARCH  
PROGRAMMES-2014**

Faculty in which Admission for

Ph.D./ M.Phil. /M.S. is sought:

**Centre of Examination:**

Hall Ticket No.

**DATE OF EXAMINATION:**

**TIME:**

(The following details are to be filled in by the Candidate)

Name of the Candidate \_\_\_\_\_

Father's /Husband's Name \_\_\_\_\_

Identification Marks : (1) \_\_\_\_\_

(2) \_\_\_\_\_

Affix recent  
passport size  
Photograph duly  
attested by  
Gazetted Officer  
with office seal

Signature of Candidate

DIRECTOR OF ADMISSIONS  
JNTUA, ANANTHAPURAMU

**DUPLICATE**

**HALL TICKET**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**

**ANANTHAPURAMU 515 002 A.P.**

**ENTRANCE TEST FOR ADMISSION TO FULL TIME / EXTERNAL RESEARCH  
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(2) \_\_\_\_\_

Affix recent  
passport size  
Photograph duly  
attested by  
Gazetted Officer  
with office seal

Signature of Candidate

DIRECTOR OF ADMISSIONS  
JNTUA, ANANTHAPURAMU

## **INSTRUCTIONS TO THE CANDIDATES WRITING ENTRANCE EXAMINATION**

1. Candidates will not be admitted after the commencement of examination and not allowed to leave the hall until the end of the examination.
2. The Hall Ticket shall be produced at the time of examination, failing which the candidate will not be allowed to appear for the examination.
3. Answers must be in black/blue ink.
4. THE HALL TICKET SHALL BE PRESERVED TILL THE TIME OF ADMISSION - without which the candidate is not eligible for admission.
5. No travelling expenses will be paid for journey undertaken for appearing for the Entrance Examination.
6. Adoption of any kind of unfair means at the time of examination or taking part in any act of impersonation will render the applicant liable for cancellation of his/her script and forfeiture of his/her claim for appearing for the examination. Decision of the Chief Superintendent of the Examination Centre shall be final in all these matters.
7. Issue of Hall Ticket and appearance at the Entrance Examination does not automatically entitle a candidate for admission.
8. Mathematical Tables, Calculators, Pagers, Mobile Phones and any other electronic gadgets are not allowed into the Examination Hall.

## ADDRESS SLIPS

Name :
Mobile Phone:

Name :
Mobile Phone:

Name :
Mobile Phone:

Name :
Mobile Phone:

Name :
Mobile Phone:



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
ANANTHAPURAMU 515 002 AP**

**ACKNOWLEDGEMENT OF APPLICATION**

The application of Mr./Ms. \_\_\_\_\_ for  
admission into Full Time / External Ph.D. / M.Phil. /M.S. Program of JNTUA in the faculty of  
\_\_\_\_\_ is received  
on \_\_\_\_\_. The application No. is \_\_\_\_\_.

**Director of Admissions**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
ANANTHAPURAMU 515 002 A.P.**

**ADMISSION TO FULL TIME / EXTERNAL Ph.D./M.Phil. /M.S. RESEARCH PROGRAMMES-  
2014**

**INFORMATION TO CANDIDATES**

**I. Admissions will be made to Full Time /External Ph.D./M.Phil. /M.S. Research Programmes offered by the J.N.T. University Anantapur, Ananthapuramu in the following faculties:**

**a) Ph.D :**

		External	Full Time at research centres														
S. No.	Discipline/Faculty	JNTUA	RIPER	ANCP	SPSP	MIT	SKIT	SVEC	GP	REC	RGMCET	ANCE	CESP	SVCP	RIP	SITMS	KEC
1.	Civil Engineering	20							1								
2.	Electrical Engineering	25						1		1							2
3.	Mechanical Engineering	25				2			1	1	2						
4.	Electronics and Communications Engg.	25				2	2	2	1	2							2
5.	Computer Science & Engineering	25															
6.	Chemical Engineering	10															
7.	Pharmaceutical Sciences	25	5	1	2								3	5	4		
8.	Mathematics	10				5										3	
9.	Chemistry	15				1											
10.	Physics	10				1											
11.	Bio Technology	05															
12.	Food Technology	05															
13.	Management Science	10				2										4	
14.	English	10				2											

<b>JNTUA</b>	Jawaharlal Nehru Technological University Anantapur
<b>RIPER</b>	Raghavendra Institute of Pharmaceutical Education and Research, Anantapuramu.
<b>ANCP</b>	Annamacharya College of Pharmacy, Rajampet.
<b>SPSP</b>	Sri Padmavathi School of Pharmacy, Tiruchanoor.
<b>MIT</b>	Madanapalle Institute of Technology and Science, Madanapalle
<b>SKIT</b>	Sri Kalahasti Institute of Technology, Sri Kalahasti
<b>SVEC</b>	Sri Vidyaniketan Engineering college, Rangampet.
<b>GPREC</b>	G.Pulla Reddy Engineering College, Kurnool
<b>RGMCET</b>	Rajiv Gandhi Memorial College of Engineering, Nandyal
<b>ANCE</b>	Annamacharya College of Engineering, Rajampet
<b>CESP</b>	Creative Educational Society's College of Pharmacy, Kurnool
<b>SVCP</b>	Sri Venkateswara College of Pharmacy, Chittoor
<b>RIP</b>	Ratnam Institute of Pharmacy, Nellore
<b>SITMS</b>	Srinivasa Institute of Technology and Management Studies, Chittoor
<b>KEC</b>	Kuppam Engineering College, Kuppam

**b)M.Phil. :** Mathematics, Physics, Chemistry and English : **5 seats in each discipline**

**C) M.S. :** Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics & Communications Engineering, Computer Science & Engineering and Chemical Engineering:  
**5 seats in each discipline**

The above seats are indicative only. The seats are likely to vary depending on suitability of candidates and the supervisor's interests.

**Full Time:**

The full time courses are offered at the research centers recognized by the University only as notified above. The centers are required to provide all the necessary facilities to the admitted candidates. The candidates have to stay at the center for the period of the research and are not allowed to take up any teaching or other jobs.

All other eligibility, supervisors, course work , admission and fee are same as for external candidates.

**II. ELIGIBILITY:**

**Educational Qualifications:**

**(i) For Ph.D.**

Engineering/Pharmacy stream candidates must have a basic Engineering/Pharmacy and Post Graduate Degree/ or equivalent degree in relevant discipline.

Ph.D. in Computer Science and Engineering Dept.

B.Tech and M.Tech. in Computer Science and Engineering Dept . or equivalent

Or

M.Sc. or M.Sc (Comp. Sc) with mathematics as a subject or M.C.A. and M.Tech. in Computer Science and Engineering Dept . or equivalent

Pharm-D degree holders are also eligible for Pharmacy stream

Science, Humanities and Management stream candidates must possess a Post Graduate Degree / or equivalent degree in relevant discipline.

**(ii) Food Technology:** M.Sc. in Chemistry/Microbiology/Biochemistry/Home Science/ Agriculture/ Horticulture/Food Tech./Food Sciences & Nutrition/Veterinary Science/M.Sc or M.Tech. in Chemical Engineering/Dairy Technology/Bio-Technology / or equivalent degree.

**(iii) Bio-Technology:** M.Sc. in Bio-Technology/Chemistry/Botany/Zoology/ Biochemistry /Food Tech./ Microbiology or M.Tech. (Bio-Technology) / or equivalent degree.

If the PG Qualification is obtained through distance mode, the program must have the recognition of the Joint committee of AICTE, UGC and Distance Education Council.

**(iv) M.Phil.:** candidates must possess a Post Graduate Degree/ or equivalent degree in relevant discipline.

**(v) M.S.(by research) :** Candidates must have B.E./B.Tech. degree or its equivalent in the relevant branch/discipline.

**Note:** M.S.(by research) is essentially a research program for candidates in service. It is not a regular session/course work based like M.Tech. course.

**Important Note: No Stipend/Scholarship will be given to the External Ph.D./M.Phil./M.S. scholars by the University.**

**III. EMPLOYMENT CRITERIA: (For External Candidates Only)**

Candidates who have been working for at least One Year in a well equipped Educational/ Scientific/R&D/Industrial/Government Organizations and engaged in Scientific/ Technological/ Engineering/Managerial activities, as the case may be, possessing the minimum academic qualifications as above shall be deemed as **external candidates** and shall continue to work in their own organizations. Faculty members of the J.N.T.University Anantapur and its Constituent colleges shall be admitted as internal candidates and seats allotted to them will be over and above advertised seats.

**IV.** The candidate should not have registered for any other course leading to a degree in any other University or Institution and also shall not register during research period.

**Note:** Candidate should possess 55% aggregate marks and for SC & ST candidates 50% aggregate marks at PG level for (i),(ii),(iii),(iv) and at UG level for (v) courses

#### **V. ELIGIBILITY FOR SUPERVISOR/ Co- SUPERVISOR :**

**1. Candidates seeking admission for Ph.D./M.Phil./M.S. must identify and obtain the consent of supervisor(s), possessing the necessary qualifications for supervision.**

**2.** A supervisor shall not have at any given time more than eight (8) Ph.D scholars and five (5) M.Phil/M.S. scholars from all Universities external or Full Time in all faculties as on date also at any given time in future.

**3.** A Supervisor must be actively engaged in Teaching/Research in any Institution/Organization and must satisfy the criteria stipulated.

**4.** A Supervisor should have a Ph.D. degree in the **relevant discipline** from a reputed University with a minimum of **seven** years teaching/ research experience in regular service out of which **Two** years should be post Ph.D. as on the last date of application and having four publications out of which two must be in refereed national/ international journals. **The candidates must enclose the service certificate of the Supervisor from the concerned authorities and necessary documentary support in the form of a copy of Ph.D. Degree certificate to verify this criteria.**

**5.** The faculty members of affiliated colleges of the Universities, who satisfy the above conditions, shall be considered to act as supervisors provided their services are ratified by the University. **In such case, a copy of the ratification letter issued by the University must be enclosed with the application.**

**6.** In case of supervisor from other Universities/affiliated colleges of other Universities, they should be satisfying the condition 2, 3 and 4 mentioned above their service should have been ratified or their appointment is by a University selection committee and Persons working in reputed Scientific/Research Organizations, who satisfy the condition stipulated as above can act as external supervisors. The credentials of the supervisor should be certified by an appropriate authority i.e., Registrar/Director of the institute/organization.

**7. In all the cases where the supervisor is external a co-supervisor from JNTUA is mandatory. The concurrence and details may be provided as in Column 11. The final allotment of the co-supervisor will be done by the University.**

**8.** In the case of interdisciplinary areas of research the faculty of Ph.D admission will be based on specialization of B.Tech. or equivalent degree , a co- supervisor may also be permitted in addition to the supervisor, provided the supervisor and co-supervisor are from different disciplines. In this case either Supervisor or Co-supervisor must be from JNTUA.

**9.** Candidate must enclose latest bio-data of the proposed supervisor (and co-supervisor if any) and evidence to show that he/she satisfies the qualifications laid down. They must enclose attested copies of the degree certificates of the supervisor/co-supervisor.

**10.** The minimum period of Ph.D. Program is 3 years and the maximum period is 6 years.

**11.** No hostel facility will be provided by the University either to Full Time research scholars or external research scholars.

**12.** A full time research scholar has to reside at the place where the University College/Unit or research centre in which he/she has registered for research program is located and he/she shall regularly attend the Department in which he/she has registered for his research program so that he/she is in regular contact with the Supervisor. Candidates who are employed in any Institution/Organization are not eligible to apply for Full Time Programs. All other criteria such as qualifications, course work etc are same for both Full Time and External candidates.

#### **VI . PLAN OF RESEARCH WORK:**

Candidates must submit, along with their application form, a well conceived plan of research work, with evidence of having initiated a preliminary study (at least 500 words).

## **VII. PLACE OF RESEARCH WORK AND FACILITIES AVAILABLE:**

In the case of external candidates, working in their organizations, details regarding the availability of the required research facilities at the place of work must be given. The place of work must be recognized by the University before the application for admission is considered.

External candidates working in their own organizations must produce, from the Head of the Organization, a certificate of “No Objection” for the candidate to take up the Research work and also Permission to the supervisor, from the University, to visit the organization periodically to monitor and assess the work of the candidate.

## **VIII. MODE OF SELECTION:**

Final selection will be based on entrance test and / or interview. The eligible candidates must appear for one hour entrance test to be conducted by the University at ANANTHAPURAMU at their own cost. The date and time of the entrance Test will be intimated to the eligible candidates and details will be displayed in JNTUA Ananthapuramu website [www.jntua.ac.in](http://www.jntua.ac.in). **The syllabi of entrance examination for various disciplines can be downloaded from the web site.** Candidates must collect their Hall Tickets, from the office of **The Director of Admissions, JNTUA, Ananthapuramu** one day prior to the examination.

The candidates who are qualified in UGC/CSIR(JRF) Examination/NET/SLET/ SET/Valid GATE/GPAT or who possesses relevant M.Phil.( in case of applying for Ph.D.) need not appear for the Entrance examination. However, they shall attend the interview on the specified date which will be intimated to them. Candidates who have obtained M.Phil. degree by distance mode are not eligible for this exemption.

**IX.** Candidates who are qualified in Entrance Test must appear before the admission committee for an interview at ANANTHAPURAMU at their own cost. The date and time of interview will be intimated to the candidate as well as displayed in JNTUA Ananthapuramu website [www.jntua.ac.in](http://www.jntua.ac.in).

**X.** The University reserves the right to cancel admission/registration of any candidate to the research programme at any stage if it is noticed that the data furnished/ certificates enclosed are incorrect. In case of any disputes concerning admissions to the courses of JNT University ANANTAPUR the decision of the Vice-Chancellor shall be final and binding..

**XI. ACADEMIC REGULATIONS:** The candidates are advised to go through the academic regulations of the Ph.D. and M.Phil./M.S. available in the notifications of JNTUA website in R&D directorate. A few excerpts are given below

### **(i) ADMISSION FEE:**

On selection for admission, candidates shall be required to pay the prescribed admission fee of Rs. 350/- , caution fee of Rs. 500/- and the tuition fee of Rs. 25,000/- per annum, There after the tuition fee has to be paid every term Rs12,500/- (or Rs.25, 000/- per annum) till the successful completion of the program and submission of thesis or cancellation of the admission which ever the case may be.

NON-PAYMENT OF THE PRESCRIBED FEE WITH IN THE NOTIFIED TIME MAY LEAD TO FINE OR THE CANCELLATION OF ADMISSION.

### **(ii). COURSE WORK:**

1. The course work shall consist of three subjects out of which two subjects must be related to the research area of the scholar and one common subject of Research Methodology. The course work shall be completed in the form of eight weekly assignments in the two subjects related to the research area and a two week contact program with the Supervisor/Co-Supervisor of JNTUA. In addition, attending a one week orientation program on Research Methodology is also a mandatory part of the course work.

2. Each admitted candidate has to select two subjects related to his/her research area out of the subjects listed in the website under various disciplines. One subject must be from courses listed under Part I and another must be from courses listed under Part II. The two subjects shall be selected in consultation with the supervisor and co-supervisor (if any) and the subjects shall be selected must be intimated to the Director, R&D cell with endorsement from the supervisor and co-supervisor (if any). Candidates will be intimated about the last date for registration of these subjects once the admissions are over.
3. Papers selected for Part I and Part II cannot be changed in future.
4. Each admitted candidate has to submit eight weekly assignments in each of the selected courses and shall obtain a “**Satisfactory**” report.
5. Each candidate shall undergo a contact program of two weeks with his/her supervisor/co-supervisor belonging to the constituent colleges/Units of JNTUA after completion of the eight weekly assignments and the contact period will be stipulated by the Director, R & D Cell. The Candidate shall obtain a “**Satisfactory**” report.
6. A candidate will be eligible to appear for pre Ph.D examinations only after fulfilling the above conditions.
7. As far as the common subject of Research Methodology is concerned, the candidates admitted will be intimated to attend a **one week orientation course on Research Methodology**.
8. As and when the notification is given, the research scholars have to write **the Pre-Ph.D. examinations** in all the **three subjects i.e., the two subjects selected for assignments and the common subject of Research Methodology**.

**The University reserves the right to make modifications in the academic regulations governing the research programs from time to time.**

**XII. GENERAL:**Application complete in all respects (in A4 size) accompanied with a **Demand Draft for Rs. 1,000/- (Rupees One thousand only) ( Rs.500/- in case of SC/ST candidates)** drawn in favor of “THE REGISTRAR, JNTUA, ANANTHAPURAMU” payable at Ananthapuramu on any nationalized bank (preferably SBI) towards Registration fee and **three self addressed stamped envelopes of size 22x10cms (Affixing Rs.5/- stamps)**, is to be submitted to “**The Director of Admissions, JNT University Anantapur, Ananthapuramu- 515 002**” either in person or by Registered post /Courier on or before **22<sup>nd</sup> December, 2014 by 4.00.P.M.**

**Note:- If applying for more than one course/specialization or external/Full Time separate application have to be submitted with registration fee.**

**Please superscribe on the envelope: “Application for Ph.D/M.Phil/M.S. 2014”**

The University is not responsible for any delay or loss of application in transit. Incomplete applications or applications received after the last date will not be considered and fee paid will not be refunded.

**REGISTRAR**