

**ADMISSION TO FULL TIME / EXTERNAL Ph.D./M.Phil. /M.S. RESEARCH PROGRAMMES-
2016-17**

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 :

S.No	Discipline/ Faculty	JNTUA	RIPER	ANCP	SPSP	SKIT	SVEC	GPREC	RGM CET	AITS, Rajampet	CESP	SVCP	RIP	KEC	NBKR	SVCET	KSRM	VIPS	SIET	KTPC	SVCE	SVCP	AITS, Tirupathi	PBRVITS
1	Civil	25						1*									2							
2	EEE	25					2	1	1					1	1	1								
3	Mech. Engg.	25				2		1	2	1					1	6	2		1					
4	ECE	25					2	1	1					1	1	1	1						2	4
5	CSE	25					2	1	1								1				2			
6	Chemical	5																						
7	Pharmacy	20	5	4	3						2	8	2					1		7		4		
8	Mathematics	15							3															
9	Chemistry	10							1															
10	Physics	10							3							1								
11	Bio-Tech.	5																						
12	Food-Tech.	5																						
13	Management	10							2							4								
14	English	10							1															

*** Soil Mechanics Only**

JNTUA	Jawaharlal Nehru Technological University Anantapur
RIPER	Raghavendra Institute of Pharmaceutical Education and Research, Anantapuramu.
ANCP	Annamacharya College of Pharmacy, Rajampet.
SPSP	Sri Padmavathi School of Pharmacy, Tiruchanoor.
MIT	Madanapalle Institute of Technology and Science, Madanapalle
SKIT	Srikalahasti Institute of Technology, Srikalahasti
SVEC	Sri Vidyaniketan Engineering college, Rangampet.
GPREC	G.Pulla Reddy Engineering College, Kurnool
RGM CET	Rajiv Gandhi Memorial College of Engineering, Nandyal
AITS	Annamacharya Institute of Technology and Science, Kadapa
CESP	Creative Educatinal Society's College of Pharmacy, Kurnool
SVCP	Sri Venkateswara College of Pharmacy, Chittoor
RIP	Ratnam Institute of Pharmacy, Nellore
KEC	Kuppam Engineering College, Kuppam
NBKR	NBKR Institute of Science & Technology, Vidyanagar, Nellore
SVCET	Sri Venkateswara College of Engineering & Technology, Chittoor
KSRM	KSRM College of Engineering, Kadapa
VIPS	Vasavi Institute of Pharmaceutical Sciences, Kadapa
SIET	Siddarth Inst. Of Engg. & Tech., Siddarth Nagar, Puttur
KTPC	Krishna Teja Pharmacy College, Tirupathi
SVCE	Sri Venkateswara College of Engg., Tirupathi
SVCP	Sree Vidyanikethan College of Pharmacy, A.Rangampet
AITS	Annamacharya Institute of Tech. & Science, Tirupathi
PBRVITS	PBR Visvodaya Inst. Of Tech. & Science , Kavali

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.

d) Reservation of seats for Ph.D. Admissions

(i) External

S.No	Discipline	No. of Seats	OC	BCA	BCB	BCC	BCD	BCE	SC	ST
1	Civil	25	13	1	3	0	2	1	3	2
2	EEE	25	13	1	3	0	2	1	4	1
3	Mech. Engg.	25	12	2	2	0	2	1	4	2
4	ECE	25	12	2	2	1	1	1	4	2
5	CSE	25	13	2	2	0	2	1	4	1
6	Chemical	05	2	1	1	0	0	0	0	1
7	Pharmacy	20	10	1	2	1	1	1	3	1
8	Mathematics	15	8	1	1	0	1	1	2	1
9	Physics	10	5	1	1	0	0	1	1	1
10	Chemistry	10	5	0	1	0	1	1	2	0
11	English	10	5	1	1	0	1	0	2	0
12	Management	10	5	1	1	0	1	0	1	1
13	Bio-Tech.	5	3	1	0	0	0	0	1	0
14	Food-Tech.	5	2	0	1	0	1	0	1	0
TOTAL		215	108	15	21	2	15	9	32	13

(ii) Full Time

S.No	Discipline	No. of Seats	OC	BCA	BCB	BCC	BCD	BCE	SC	ST
1	Civil	3	1					1	1	
2	EEE	7	3	1	1				1	1
3	Mech. Engg.	16	8	1	2		1	1	2	1
4	ECE	14	7	1	1		1	1	2	1
5	CSE	7	4		1		1			1
6	Pharmacy	36	18	3	4	1	2	1	5	2
7	Mathematics	3	1	1					1	
8	Physics	4	2				1		1	
9	Chemistry	1	1							
10	English	1	1							
11	Management	6	3		1		1		1	
TOTAL		98	49	7	10	1	7	4	14	6

Note:- 33.33% of the seats in each course shall be reserved in favour of Women candidates in each category

II. ELIGIBILITY:

Educational Qualifications:

(i) For Ph.D.

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

Ph.D. in Computer Science and Engineering

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 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 with minimum academic qualifications as above and having at least one year post qualification experience in a well equipped Educational/ Scientific/R&D/Industrial/Government Organizations and engaged in Scientific/ Technological/ Engineering/Managerial activities, as the case may be, 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 units 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 from supervisor(s) working with constituent and affiliated colleges of JNTUA and possessing the necessary qualifications for supervision. In exceptional cases, Supervisor(s) from State and Central Government R&D Institutions will be permitted.

2. *A supervisor who is a Professor, at any given point of time, cannot guide more than eight (8) Ph.D scholars and three (3) 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. An Associate Professor as Supervisor can guide up to a maximum of six(6) Ph.D scholars and two(2) M.Phil./M.S. scholars. An Assistant Professor as Supervisor can guide up to a maximum of four(4) Ph.D scholars and one(1) M.Phil./M.S scholar.*

***Designations such as Professor, Associate Professor & Assistant Professor ratified by the University will only be considered for allotting the number of candidates**

3. A Supervisor must be actively engaged in Teaching/Research in any constituent/affiliated colleges of JNTUA or in any State and Central Government R&D Institutions and must satisfy the criteria stipulated.

4. Supervisor/Co-supervisor should fill all the eligibility norms for supervision on or before the last date submitting the consent i.e. two weeks after the announcement of Entrance Test Results

5. Supervisor/Co-supervisor should submit his/her Bio-data with necessary enclosures and consent in the requisite formats within two weeks after the announcement of Entrance Test Results

6. A Supervisor/Co-supervisor should have a Ph.D. degree in the **relevant discipline** from a reputed University with a minimum of **seven** years teaching/ research experience out of which **Two** years should be post Ph.D. **Any Professor with atleast five publications in referred journals and any Associate/Assistant Professor with atleast two research publications in referred journals** will be recognized as Supervisor. The appointment of the supervisor must be ratified atleast once in his/her entire service. **The candidates must enclose the service certificate & ratification letter 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.**

7. a. In all cases where the Supervisor is from State/Central Govt. R&D Institutions, a Co-supervisor from Constituent unit of JNTUA is mandatory.

b. If Supervisor is from affiliated colleges of JNTUA, Co-supervisor is optional

c. The concurrence and details of Supervisor/ Co-supervisor(if any) may be submitted in the prescribed proforma within two weeks after the announcement of Entrance Test results.

8. The credentials of the supervisor should be certified by an appropriate authority i.e., Registrar/Head of the institute/organization.

9. In the case of interdisciplinary areas of research the faculty of Ph.D admission will be based on specialization of **PG** 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 Constituent Units.

10. Candidate must submit latest bio-data of the proposed supervisor and co-supervisor (if any) within two weeks after the announcement of Entrance Test results 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.

11. The minimum period of full time Ph.D. Program is 3 years and the maximum period is 6 years and in case of external Ph.D. program the minimum period is 4 years and the maximum period is 8 years. In either case the earliest pre-submission seminar can be held 3 months prior to the minimum period.

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

13. 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, a well conceived Abstract and plan of proposed research work, with evidence of having initiated a preliminary study (at least 500 words) within two weeks after the announcement of Entrance Test results.

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.

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 within two weeks after the announcement of Entrance Test results.

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 Entrance Test shall be objective type with 60 questions for 60 marks. The date and time of the entrance Test to be conducted at JNTUA College of Engineering Anantapur will be intimated to the eligible candidates and details will be displayed in JNTUA Ananthapuramu website **www.jntua.ac.in**. The syllabi of entrance examination for various disciplines can be downloaded from the web site. Hall Tickets will be sent to the e-mail ids of the candidates two days prior to the Entrance Test.

The candidates who are qualified in UGC/CSIR(JRF) Examination/NET/SLET/ SET/Valid GATE/Valid 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. Among the candidates appeared in the Entrance Test, the candidates to be called for interview shall be in the ratio of **1:2** of available seats in the order of merit in the Entrance Test, excluding the candidates exempted from the Entrance Test. They shall attend the interview, on the specified date which will be intimated to them, at their own cost.

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. 20,000/- per semester, The tuition fee has to be paid every semester 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) OTHER FEES FOR SUBMISSION:

Fees for Pre-submission Seminar	:	Rs.7,500/-
Fees for Plagiarism check (up to 3 times)	:	Rs. 3,000/-
Fees for submission of Thesis	:	Rs. 10,000/-

(iii). COURSE WORK:

1. The course work shall consist of four subjects out of which two subjects must be related to the research area of the scholar and two common subjects namely Research Methodology and Intellectual Property Rights. The course work shall be completed in four weeks contact program at the University in two spells of two weeks each. The candidate has to acquire minimum of 75% attendance in each spell. Otherwise, he/she has to repeat.

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 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. A candidate will be eligible to appear for pre Ph.D. examinations only after fulfilling the above conditions.

5. As and when the notification is given, the research scholars have to write **the Pre-Ph.D. examinations** in all the **four subjects i.e., the two subjects related to research area and the two common subjects namely Research Methodology & Intellectual Property Rights. A maximum of 5 attempts will be given to each of the four subjects to pass in pre Ph.D. exams. The pass mark for passing the pre Ph.D. exam is 50%.**

(iv) DURATION OF THE COURSES:

Full time Ph.D. program – Minimum 3 years & Maximum 6 years

External Ph.D. program- Minimum 4 years & Maximum 8 years

External M.Phil program- Minimum 2 years & Maximum 4 years

External M.S program- Minimum 2 years & Maximum 4 years

Earliest pre-submission seminar can be within 3 months prior to minimum period. The pre-submission seminar board consists of PG BOS Chairman, Head of the Department of CEA, Supervisor and Co-Supervisor (if any).

(v) ELIGIBILITY FOR PRE-SUBMISSION SEMINAR:

- The candidate should have passed the pre-Ph.D examination in all the four subjects
- The candidate should have published at least 3 research papers along with Supervisor and Co-Supervisor (if any) in peer reviewed National/ International journals after registering for the Ph.D.
- The candidate should have attended minimum
 - i. 4 RRM's in case of External Ph.D registration and obtained at least 3 satisfactory reports
 - ii. 3 RRM's in case of Full-time Ph.D registration and obtained at least 2 satisfactory reports
 - iii. 1 RRM in case of M.Phil and M.S. registrations and should have obtained satisfactory report

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

XII. GENERAL: Print out of the online application form accompanied with requisite attested copies of certificates and online registration payment receipt 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 **11-02-2017 by 5.00. p.m. and with a fine of Rs.1000/- up to 18-02-2017 by 5.00 p.m.**

Note:- If applying for more than one course/specialization or external/Full Time separate applications have to be submitted by paying requisite registration fee.

Please superscribe on the envelope: “Application for Ph.D/M.Phil/M.S. 2016-17”

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