

GUIDELINES FOREXECUTIVE Ph.D
AT
JNTU KAKINADA

Guidelines for Submitting Research Proposals

Ph.D. Programme – January 2023 (Executives from Industry / Staff and Central Government Organizations / Scientists from R& D organizations / Public Servants)

Jawaharlal Nehru Technological University envisions the integration of Technology and Science educational programs with basic and applied research for meeting the national R&D requirements of Science and Technology in general and to cater to the aspiring researchers working in different responsible positions in Industry, Government organizations, R& D organizations and Public servants. The institute provides a vibrant research atmosphere and offers doctoral programmes.

Applications through proper channel are invited from highly motivated applicants for admission to the Ph.D. Programme in the faculties of Civil Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Electronics and Communications Engineering, Computer Science Engineering, Chemistry, Mathematics, Physics, Humanities Management Studies on or before 18-12-2023.

1) Eligibility Criteria

a) Reputation of the company or organization where the candidate is working

The company (Private / Government) Research organization, Ministers of Central and State governments where in the candidate is presently employed should have well established reputation & Image and possibly known to the faculty members of the department in which the candidate is desirous of seeking PhD admission

In case of enterprise or company, it is expected that it should have listing in the premier stock exchanges and should have an annual turnover of atleast 10 Crore rupees.

List of reputed companies / organizations / Firms should be updated regularly at the department level to verify the credentials

In case of department is not certain about the company/ organization, the decision will be taken by a committee constituted of the Director R&D, Director Academic Planning, Director Admissions, Dean UGC, Head of the Department/Center/School

b) Defence or other Ministries of the Government of India or any other government organizations

- c) Established Industrial Research and Development Organizations
- d) Autonomous bodies and Public sector Undertakings including Academic Institutions

2) Requisite Qualifications

Interested candidates are encouraged to go through the department and faculty profiles for details of research areas pursued in University.

2.1 Eligibility Criteria:

a) Educational Qualification & Eligibility: Executives sponsored by the industry having R&D centers with latest equipment and infrastructure and turnover of at least Rs.5.00 Crore per year with a minimum of 3 years experience, working in a Grade equivalent to that of Assistant Professor cadre or above and at least 55% marks / 6.0 CGPA in Master's Degree in the concerned discipline are eligible for admission to the Ph.D. program (full-time/part-time) in core / interdisciplinary subject.

b) Applicants with M.Tech / M.Sc / Master of Science/ Master of Arts/ Management or equivalent degree

Applicants with M.Tech / M.Sc / Master of Science/ Master of Arts/ Management or equivalent degree are eligible to apply. Applicants must have secured 60% marks or 6.5 CGPA on a scale of 10 or 2 equivalent in the Qualifying Master's degree (55% marks or 6.0 CGPA on a scale of 10) for OBC / EWS / SC / ST / PwD.

c) Applicants with Bachelor's Degree in Engineering / Technology or Bachelor's Degree in Science / Arts / Management with four-year duration as their highest qualifying degree

Applicants with Bachelor's Degree in Engineering / Technology / Science / Arts / Management (4 year duration) are eligible to apply. Applicants must have secured 75% marks or 8.0 CGPA on a scale of 10 or equivalent (70% marks or 7.50 CGPA for OBC/EWS/SC/ST/PwD) in the Qualifying Bachelor' degree.

d) Executives with at least 55% marks/6.0CGPA in Master's Degree in the concerned discipline and working in the central & State Government organizations/ Central/State Civil Service Officers

Executives with at least 55% marks/6.0CGPA in Master's Degree in the concerned discipline and working in the central & State Government organizations/ Central/State Civil Service Officers with at least five years of service in a cadre comparable to that of Assistant Professor cadre or above are eligible for admission to the Ph.D. program (full-time/part-time) in core/interdisciplinary subject field.

e) Scientists/Scientific Officers working in State / National / International research institutes / Organizations

Scientists/Scientific Officers working in State / National / International research institutes / Organizations in a senior or equivalent to that of an Assistant Professor cadre or above with a minimum of Three years of experience and at least 55% marks / 6.0 CGPA in Master's Degree in the concerned discipline are eligible to register themselves in the Ph.D. (fulltime/part-time) program.

f) Member of Parliament (M.P) Member of Legislative Assembly (M.L.A) and Member of Legislative Council (M.L.C)

Member of Parliament (M.P) Member of Legislative Assembly (M.L.A) and Member of Legislative Council (M.L.C) with at least 55% marks / 6.0 CGPA in Master's Degree in the concerned discipline are eligible for admission into Ph.D. (full-time/part-time) program in the core/interdisciplinary area.

For all the disciplines

- I. The candidates must meet the minimum eligibility criteria to be shortlisted for test and interview. Any conversion of GCGPA to percentages of marks (or vice versa) to meet this criteria will not be permitted unless conversion formula is explicitly mentioned in the transcripts
- II. Candidates with higher than minimum academic qualifications will be given relaxation in the course requirements as per the institution rules

2.2 Experience

Two years of post qualification experience (Experience may include stints in multiple organizations) for candidates holding bachelor / Master degree in relevant disciplines

2.3 No Objection Certificate

Candidate need to submit a “**No Objection Certificate**” issued from the company, stating it has no issues with the candidate pursuing PhD under the proposed scheme “**PhD for**

Working Professionals with Minimum Residential Requirements". No commitment on financial support on the continuation of their employment during or after the PhD is required.

3. Selection of Candidate

- a. Candidates who meet the above requirements should look out for prospective faculty members in the department where he/she is interested to register for his / her PhD
- b. Prospective candidates will fill online application, duly forwarded to JNTUK by their respective Unit / Centres, giving details of their previous academic record, research experience, and publications, if any, along with a brief summary of the proposed research work.
- c. A research proposal approved by the prospective supervisor **must** be submitted by the candidate at the time of the application.
- d. After a preliminary scrutiny, the application shall be reviewed by the JNTUK Research Committee to evaluate the overall relevance of the proposed research topic and the ability of the applicant to pursue the programme.
- e. All Sponsored candidates shall undertake an online screening examination in the corresponding area order to qualify for PhD admission interview. The online screening test comprises questions based on research Aptitude and their respective area of study. The candidates will be shortlisted if they secure a minimum of 50% marks in the online screening test. All candidates will in addition give a presentation and face an interview. A candidate should secure 60% marks in total Screening examination and Interview for evaluation to be eligible for admission.

4. Requirements of Courses & Examinations

- a. The course work will be a minimum of 20 credit portions (for candidates with Bachelors degree) and 16 credits (for candidates with masters degree) with due consideration to special requirements if any.
- b. A plan of study shall be prescribed by DSC (constitutes as per the prevailing norms) which may include besides the available courses in the institute, courses of MOOCS/NPTEL/Virtual classrooms / Interactive exercises and active learning programs offered only by IIT/IISc/IIM/IISER/AIIMS/GIAN courses may also be specified, if found relevant.

- c. At the end of the Online & Contact courses listed above, the student should submit the course completion certificates (s) with grades / marks for record in his / her course work.
- d. Candidate should spend at least one week at JNTK Kakinada, interacting with his /her supervisor that may include working in the laboratory.

5. Duration of the PhD Program

The minimum duration of PhD program for such candidates is 3 years and maximum tenure is 8 years from the date of enrolment.

6. Annual progress report

The candidate will have to submit a yearly progress report and appear for seminars every year after his /her registration. In addition, the candidate will have to appear for comprehensive (Viva Vice) before submission.

7. Synopsis and thesis Submission

In order to become eligible for the submission of the synopsis submission, the candidate must have at least two publications in SCI journals / Monographs

Rest of the rules for synopsis, thesis submission/ viva voce examination will be as per the existing rules of the institution

8. Age Limit

Age Limit: Preferably Applicant should be below 48 years as on 28-11-2023. Other cases may be considered on case by case basis.

9. Fee Structure

The candidates admitted for Ph.D. have to pay an annual fee of Rs.2.00 Lakhs till the date of submission of Ph.D. thesis

10. General Guidelines

1. Admissions under this category apply to only constituent colleges / units of JNTUK and Research Centers recognized by JNTUK. However, if a Full Time candidate joins in any of the recognized research centers of the University, the fee paid by the candidate will be shared in the ratio of 40:60 between the University and the respective affiliated colleges.

2. Admission to the Ph.D. program under the above category shall be taken up once a year.

3. It is suggested that the University and Research / Industrial Organization of the candidate shall enter into a Mutual Academic Agreement to strengthen the Quality of Research and Industry- Institute Relationship.
4. The Employers of the candidates admitted under the above category for part-time Ph.D. program must undertake to relieve the candidate to stay in the campus to enable the candidate to complete the course work and a Certificate from the Organization stating that adequate facilities (with details) are available at the Organization for carrying out the research work.
5. University will allot a Supervisor to the candidate. However, candidates may be permitted to have an external supervisor from his/her organization.
6. The candidates admitted under this category are governed by the applicable regulations of the University

FORMAT FOR SUBMISSION OF PROPOSALS

A. PROFILE

1. Project Title

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2. Name of the Department

3. Project Duration:

4. Total Budget:

5. Principal Investigator

Name:

Designation:

Institution Name:

Address:

6. a). Co-Investigator(s)

Name:

Designation:

Institution Name:

Address:

b). Co-Investigator(s)

Name:

Designation:

Institution Name:

Address:

PROFORMA FOR BIODATA OF INVESTIGATORS

A. Name:

B. Gender:

C. Institutional Affiliation:

D. Designation:

E. Publication: (Top 10 publications in the relevant field (last 5 years))
Book chapters or Patents (if any):

H. Projects submitted:

Sl. No.	Title of project	Duration (From & To)	Total cost	Funding Agency

I. Ongoing Projects

S.No	Title of project	Name of Organization	Status

(Name & Signature)

Date.....

Place.....

ENDORSEMENT FROM THE HEAD OF INSTITUTION

(TO BE GIVEN ON LETTER HEAD)

The Institution supports the proposal entitled_____submitted by Prof/Dr/PI/Co-PI._____for the possible funding from the Andhra Pradesh State Council of Higher Education.

Certified that the equipment, other basic facilities / amenities, will be extended to investigator (s) during the execution of project.

Name and Signature of Head of Institutions

Date:

Place: