

Last Date for Receipt of Applications

24.02.2024 without late fee
07.03.2024 with late fee of Rs.2000/-



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY, HYDERABAD - 500 085, TELANGANA STATE, INDIA

Ph.D. Program for Industrial Executives – 2024-25
(From reputed Industries / Research units / Govt. Organizations)

Registration fee: Along with application enclose a Demand Draft for Rs. 5,000/- in favour of “The Registrar, JNTUH” payable at Hyderabad. Fee once paid will not be refunded.

D.D.No.	Date	Bank	Amount

Name and address of the Organization where the candidate is working (Enclose official permission letter from the Head of the organization)		
Date of Joining the present organization and Experience till date	Date of Joining	Working Experience in the present Organization
Enclose copy of offer letter		

Name of the Department seeking PhD Admission (Branch/Department/Specialization in UG or PG)	
Name of the Specialization or area of research work	

1. Name of the Candidate: _____

2. Father's Name: _____

3. Address: _____

Phone / Mobile No. : _____

Email ID : _____

Affix latest Passport size photograph

4.

Gender	
Male	Female

Date of Birth		
Date	Month	Year

Category								
OC	BC-A	BC-B	BC-C	BC-D	BC-E	SC	ST	PH

(please put [√] mark in appropriate box)

5. Academic Qualifications: Starting from S.S.C. to PG (Please enclose photo copies of Certificates).

Examination	Subject	School / College studied	University / Board	Year of passing	Aggregate Percentage

6. Details of employment/ working experience

Particulars of employment(s) from date of completion of prescribed qualifying Examination till date.
Enclose photo copies of work experience / service certificates with full address of organization.

Name of Employer / Organization	Designation	Duration of Employment		Salary	Nature of work
		From	To		

6. Tentative Area of Research proposal

(Please enclose a separate sheet of research proposal)

: _____

7. Enclose following documents along with filled in Application Form.

- i. Private Industry / Organization/ Company Annual Turnover during any two continuous financial years i.e., 2021-22 and 2022-23.
- ii. Number of Employees working with B.E./B.Tech., M.E./M.Tech., M.Sc., M.Pharmacy & M.B.A. qualifications
- iii. Number of employees working with Ph.D. qualification.
- iv. Whether the organization is willing to enter into mandatory Academic Collaboration Agreement with JNTUH as per enclosed draft proforma (YES / NO)
- v. Details of Research Facilities available at the presently working organization
- vi. Latest Designation with monthly Salary certificate of the candidate duly signed by the employer.

Note :

- All the above information has to be provided by the Employer / Authorized signatory of the organization of the candidate.
 - The candidates working in Private Organizations have to furnish the information of items from 1 to 6.
 - The candidates working in organizations of Central / State Govt./R&D Units / PSU's have to furnish the information of items. 4 to 6.

8. No Objection Certificate from the employer: To be issued on company Letter Head by the Head of the Organization/Department/Unit where the candidate is currently working.

No Objection Certificate

This is to certify that Mr./Ms. is working in the this Organization/Department/Unit from (date). And his/her present designation is The field/area/specialization of work (nature of work in the company) is The candidate if selected for admission in to Ph. D will be permitted and sponsored to pursue the proposed Research work for his/her Ph.D. Degree from the J N Technological University Hyderabad by making use of the available facilities in the organization where the candidate is working. The University authorities shall be permitted to visit the organization to verify the research facilities pertaining to the proposed research work of the candidate and also permitted to monitor and assess the work of the candidate time to time for his PhD.

Date :
Mobile no.:
Email ID:

SIGNATURE & DESIGNATION
WITH SEAL OF OFFICE

9. Declaration by the Candidate:

I, Mr./Mrs. _____ S/O, D/O _____ shall abide by the Academic Regulations being implemented time to time by the J N Technological University Hyderabad during entire period of my research for PhD. I also declare that the particulars furnished in this application are correct and complete to the best of my knowledge.

Address: Place of Working:

Mobile no.

Email ID:

Date :

SIGNATURE OF CANDIDATE

Ph.D. Admissions (Industrial Executives) 2024-25
(From reputed Industries / Research units / Govt. organizations)
INFORMATION TO CANDIDATES

Admissions will be made to Part Time Ph.D. program at Industrial/Research organizations MoU with JNTUH for the academic year 2024-25 offered by the J N T University Hyderabad in the following faculties and respective departments / subject branches for the academic year 2024-25.

1. Engineering Stream

Department	Specialization / Code
Civil Engineering	Structural Engineering
	Geotechnical Engineering
	Hydraulics & Water Resources
	Environmental Engg.
	Transportation Engineering
Electrical & Electronics Engineering	Power systems
	Power Electronics & Drives
	Control Systems
Electronics & Communication Engineering	Image Processing, Signal Processing & VLSI Design
	Embedded systems
	Communication Systems
Metallurgical Engineering	Materials and Metallurgical Engineering
Mechanical Engineering	Engineering Design
	Thermal Engineering
	Manufacturing Engineering
	Industrial Engineering
	Energy Systems
Computer Science & Engineering	Software Engineering
	Data Mining and Information Retrieval Systems
	Image Processing, Speech Processing
	Artificial Intelligence
	Computer Networks, Network Security & Wireless Networks

II. Science & Technology Stream

Bio-Technology	Plant Bio-Technology
	Bio Chemical Engg.
Chemistry	Synthetic & Coordination Chemistry
	Organic Chemistry
Environmental Science & Technology	Environmental Geomatics
	Environmental Biology
	Environmental Chemistry
Mathematics	Mathematical Modelling & Differential Equations
	Numerical Techniques
Nano Science & Technology	Nano Technology
Physics	Material Science & Nano physics
	Fiber Optic & Solid State Physics
Centre for Water Resources & Earth and Atmospheric Sciences	Water Resources
	Earth and Atmospheric Sciences
Pharmaceutical Sciences	Pharmaceutical Chemistry & Pharm Analysis
	Pharmacognosy and Phytochemistry
	Pharmaceutics/Industry

III. Management Stream

Management Sciences	Finance
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ELIGIBILITY CRITERIA FOR ADMISSION :

For ENGINEERING / SCIENCE & TECHNOLOGY / MANAGEMENT SCIENCE

1.1. Candidates for admission to the Ph.D programme shall have obtained a master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/ 4-semester master's degree programme after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade B in the UGC 7 point scale wherever grading system is followed

(or)

equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.

1.2. Candidates who have cleared the M.Phil. course work with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 10-point scale (or an equivalent grade in a point scale wherever grading system is followed) and successfully completing M.Phil degree shall be eligible for admission to the Ph.D. programme. A person whose M.Phil. dissertation has been evaluated and recommended for award of the degree, may be admitted to the Ph.D. programme in any Institution on a provisional basis even before the viva-voice or final defence.

1.3. A relaxation of 5% marks from 55% to 50% or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer) / Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

1. The industrial executives must have minimum experience of five (5) years in the same organization where the candidate is working and his/her experience should be relevant to the research area.
2. It is recommended that the organization where the candidate is working shall have mutual academic agreement for exchange of facilities at department or organizational level with the respective department of JNTUH and it will be performed with the administrative involvement of University Industry Interaction Cell.
3. The candidate has to attend the Interview by selection committee as constituted by the University for the purpose.
4. The candidate is required to make the presentation to the selection committee with PPT on the topic or area of research proposal submitted along with the application.
5. The Pre-PhD, course work, research methodology, research review meetings, colloquium, plagiarism check, evaluation of thesis, conduct of final viva voce examination, issue of provisional certificate and original degree are as per the existing academic rules and regulations of PhD program.
6. The research scholar under this category can complete the course work either on campus or by availing the facility of MOOCS program within the stipulated period of time.

1. Faculty of Engineering and Specializations

Civil Engineering: B.E/B.Tech/AMIE in Civil Engineering/Civil & Environmental Engineering, Construction Engg., (or) Equivalent.
M.E/M.Tech/MS in Civil Engineering/ any other sub specialization of Civil Engineering/ any other interdisciplinary branches related to civil engineering (or) Equivalent

Electrical and Electronics Engineering: EEE, Instrumentation and Control Engineering (with Bachelor Degree in Electrical and Electronics Engineering or other interdisciplinary Branches), Energy Systems (with M.Tech. Energy Systems & B.Tech. Electrical and Electronics Engineering related) any other sub specializations of Electrical & Electronics Engineering and any other interdisciplinary branches related to Electrical and Electronics Engineering.

Mechanical Engineering: BE/B.Tech in Mechanical engineering, Mechanical engineering (Mechatronics), Mechanical engineering (production), Mechanical engineering (Nano technology), Mechanical engineering (Industrial Engineering)
And

M.Tech/ME in Mechanical Engineering, Mechatronics, Production, Nano technology, Advanced manufacturing systems, Machine design, Engineering design, Thermal engineering, HVAC, R&AC, HPE, IC Engines, CAD/CAM, Energy Systems, Product Design, tribology

Electronics and Communication Engineering: ECE, Electronics and Telematics Engineering, Electronics and Computer Engineering, Electronics and Instrumentation Engineering, Instrumentation and Control Engineering (with Bachelor Degree in ECE or other interdisciplinary Branches) any other sub specialization of ECE and any other interdisciplinary Branches related to ECE.

Computer Science & Engineering: Information Technology and other sub specialization of CSE and any other interdisciplinary branches related to CSE.

2. Faculty of Science & Technology and Specializations

Biotechnology: Post Graduate Degree in Biotechnology / Chemical Engineering / Food Technology / Bio Chemical Engineering / Bio Chemistry/Bioinformatics/ Microbiology /Life Sciences (Zoology, Botany, Genetics, Agricultural Sciences) / Pharmacy / Environmental Science and Technology or allied subjects. Agricultural Engg., Dairy Technology, Biomedical Engineering, Veterinary Science, Animal Biotechnology or equivalent degree

Chemical Science & Technology : M.Tech. Chemical Engineering and any interdisciplinary Branches related to Chemical Engineering such as petroleum Engineering, M.Tech. Chemical Technology or equivalent degree.

Environment: Post graduate degree in Environmental Chemistry/ Environmental Science / Environmental Science and Technology/Environmental Management/ Environmental Geomatics Environmental Biotechnology/ Geospatial Science and Technology/ Geology/ Life Sciences / Environmental Engg. / Environmental Geo Engineering or equivalent degree

Nano Science & Technology: M.Tech.(Nano Technology) / M.Tech.(Nano Electronics) /M.Tech. Chemical Engg./ Biotechnology/Environment Science or equivalent degree.

Water Resources : Any post Graduate Degree in the field of Water Resources /Hydrology/Watershed Management/Geology/Geo Physics / Geo-Engineering/ Metrology /Agricultural Engineering/ Agricultural Metrology/ Solid Sciences (water resources aspects) and Agronomy or equivalent degree

Pharmaceutical Sciences: B.Pharmacy and M.Pharmacy or Pharma.D.

MODE OF SELECTION: Based on the Interview performance and proposed research work.

Candidates who eligible for interview are required to attend the interview at JNTUH, Hyderabad at their own cost. The list of eligible candidates and date & time for interview will be displayed in JNTUH website www.jntuh.ac.in after scrutinizing the application form submitted by the candidate. No separate intimation will be made in this matter.

The University reserves the right to cancel admission / registration of any candidate to the research program 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 Hyderabad, the jurisdiction shall remain with the Courts or Consumer forum in Hyderabad only.

FEE AND OTHER PAYMENTS

On selection for admission, candidates shall be required to pay the prescribed admission fee of **Rs. 5000/-** and Tuition fee of **Rs. 60,000/- per annum** and other admissible fee prescribed by the University. Details of fee payment particulars for all Ph.D Research Programs, Methodology of research, RRM's and evaluation procedure etc. can be known from the office of the Director, R&D, JNT University Hyderabad, Kukatpally, Hyderabad.

Enclose following documents along with filled in Application Form.

1. S.S.C. .
2. UG Degree and Consolidated Marks Memo
3. Post Graduate Degree and Consolidated Marks Memo
4. Transfer Certificate
5. BC/SC/ST category candidates has to be submit Caste Certificate issued by the Telangana State Government.

GENERAL INSTRUCTIONS

Application complete in all respects (in A4 size) accompanied with receipt of **Registration Fee of Rs.5,000/- (online mode only)** is to be submitted at the office of **The Directorate of Admissions, JNT University Hyderabad, Kukatpally, Hyderabad - 500 085**, either in person or by Registered post / Courier on or before **24.02.2024 by 4.00 pm without late fee and with late fee of Rs.2000/- upto 07.03.2024 by 4.00 pm.**

The University is not responsible for delay or loss of application in transit.

Incomplete applications and applications received after the last date will not be considered and fee paid will not be refunded.

DIRECTOR, ADMISSIONS

Academic Collaboration Agreement

Between

_____ **(Name of the Organization / Industry)**

And

Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad

This Academic Collaboration Agreement (ACA) is signed on _____.

BETWEEN

_____ (Organization / Industry name with detailed address)
hereinafter referred to as "FIRST PARTY" represented by its CEO / Authorized signatory.

AND

Jawaharlal Nehru Technological University Hyderabad, Hyderabad (JNTUH) / SECOND PARTY represented by its Registrar.

WHEREAS

A. ----- (Details of the Organization / Industry).

B. Jawaharlal Nehru Technological University Hyderabad, Telangana, is a premier Institution of excellence in Engineering Education and Research. JNTUH is carrying out academic activities such as teaching and training students at the under graduate and post graduate levels as well as carrying out research studies leading to award of M.S and Ph.D degrees, besides undertaking industrial consultancy and sponsored research. JNTUH has highly qualified teaching faculty with capabilities to carry out research studies and has well equipped infrastructure such as computer center, library, laboratories workshops and buildings.

C. The Parties are now desirous of Academic Collaboration Agreement to conduct Research and Development studies subject to the terms contained herein.

1 Responsibility of the First party (Organization / Industry).

- 1.1 Provide year wise details of turnover, revenue, products/services etc. and also the information pertaining to new activities related to Research, Technology, Production/Services undertaken.
- 1.2 Provide UG/PG projects in the fields of Engineering and Technology, Applied Sciences for the students of JNTUH.
- 1.3 Provide 2/3 months Internships for the UG/PG Students of JNTUH.
- 1.4 Provide opportunity to the students and faculty to visit the organization for academic and R & D purposes.
- 1.5 Due credit and rights will be given to JNTUH for any Patents / Intellectual property (IP) generated out of the research work / Ph.D thesis work of the candidate. The Revenue generated from such IP will be shared equally with JNTUH.

2 Responsibility of JNTUH (Second Party)

- 2.1 Provide opportunity for Scientists/Executives to pursue MS or Ph.D programs in JNTUH as per the academic regulations
- 2.2 Provide opportunity for Scientists/Executives to utilize the Library/Laboratory facilities available at JNTUH campus
- 2.3 Provide opportunities for Scientists/Executives to meet the faculty of JNTUH for academic/research interactions
- 2.4 Provide opportunities for Scientists/Executives to identify the need-based programs in collaboration with respective faculty members.

3 Termination of Agreement

- 3.1 This Agreement shall become effective from the date hereof and shall remain in force for a period of 6 years or till the award of the Ph.D Degree of the executive which ever is earlier.
- 3.2 This Agreement may be terminated by a Party hereto if other Party commits material breach or default in performance of its obligations hereunder and the same (if capable of being remedied), has not been cured within 30 (thirty) days of receipt of written notice of such breach or default.

Jawaharlal Nehru Technological University Hyderabad

Name of The Organization / Industry

By: _____

By: _____

Name: _____

Name: _____

Registrar _____

CEO/ Authorized signatory _____

Seal with Date: _____

Seal with Date: _____