



Directorate of Admissions

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

Ph.D. PROGRAMS -2025-26

ELIGIBILITY For admission into Ph.D. Program :

For ENGINEERING / SCIENCE & TECHNOLOGY / MANAGEMENT SCIENCE / HUMANITIES AND SOCIAL SCIENCES

- 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 (for Engineering faculties) or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme (for Science and Humanities & Social Sciences faculties) 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 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 defense.
- 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.
- 1.4. The candidate who qualified UGC-NET/UGC-CSIR NET/SLET/ valid score card of GATE / GPAT Teacher fellowship holder are exempted from Entrance Test conducted by JNTUH.
- 1.5. The candidates who have not qualified in UGC-NET / UGC-CSIR NET/SLET/GATE/GPAT Teacher fellowship holder have to take University Entrance test.

1. Faculty of Engineering : (Eligibility)

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/MCA with M.Tech./M.Sc. with M.Tech.

Metallurgical Engineering : B.E./B.Tech. in Metallurgical Engineering, Metallurgical and Materials Engineering, Materials Science and Engineering, Materials Engineering.

And

M.E./M.Tech. in Metallurgical Engineering, Metallurgical and Materials Engineering, Materials Science & Engineering, Metallurgy, Industrial Metallurgy, Welding Technology, Materials Science, Corrosion Engineering, Materials Science and Technology

2. Faculty of Science & Technology : (Eligibility)

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.

Chemistry : M.Sc. Chemistry (General / Inorganic / Organic / Analytical Chemistry etc.

Environmental Science & Technology : Post graduate degree in Physical Sciences/Earth Sciences/Life Sciences/Environmental Sciences /Biotechnology/Environmental Engg. / Chemical and other allied Engineering disciplines/Agricultural Computer Sciences or equivalent degree.

Mathematics : Mathematics / Applied Mathematics / Mathematics with Computer Science / Statistics and Applied Statistics.

Nano Science & Technology: M.Sc. (Nano Science & Technology) / M.Tech. (Nano Technology) / M.Tech.(Nano Electronics) / M.Sc. in Chemistry / Physics / Earth Sciences or equivalent degree.

Physics : M.Sc. Engg. Physics / Applied Electronics / Geophysics / Astro Physics / Applied Physics / Instrumentation / Polymer Physics / Space Physics / Atmospheric Sciences / Meteorology and Oceanography.

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 : Pharmacy required qualification B.Pharmacy and M.Pharmacy or Pharma.D.

3. MANAGEMENT : MBA

4. HUMANITIES AND SOCIAL SCIENCES : Master Degree in the respective Discipline