



TULSIRAMJIGAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to RTM Nagpur University)



PhD Admission

Procedure for Admission to PhD - 2024-25

1. Admission Process

1.1 The Institute shall admit candidates by a two-stage process through:

(i) A Ph.D. Entrance Test (TGPCET-PET) conducted by the institute, consisting of PET-I & PET-II, shall be qualifying exam with qualifying marks as 50%. The Entrance Test shall be conducted by the Institute at the Centre(s) notified in advance.

(ii) An interview/viva-voce of the PET qualified or PET exempted candidates shall be organized by the Institute where the candidates are required to discuss their research interest/area through a presentation/interview before the Research Committee (RC).

The interview/viva-voce shall also consider the following aspects, viz. whether:

- a) The candidate possesses the competence for the proposed research;
- b) The research work can be suitably undertaken at the Institute/Place of Research;
- c) The proposed area of research can contribute to new/additional knowledge.

1.2. The Institute may not conduct the Ph.D. Entrance Test (PET) and may invite the PET exempted candidates for Ph.D. Admissions. Also, the institute may admit the candidates selected from government schemes or the schemes floated by statutory bodies such as UGC, AICTE, etc. subject to the fulfillment of admission and eligibility criteria.

1.3. The Institute shall decide on a need basis through the Board of Studies/Academic Council, the number of seats available in the various Programs/Branches, depending on the number of available research supervisors and other academic and physical facilities available, keeping in mind the norms regarding the scholar-supervisor ratio, laboratory, library, and such other facilities and will be notified on the Institute website and may also through advertisement.

1.4. The candidates desirous of pursuing Ph.D. degree shall submit the application in the prescribed form through proper channel, wherever applicable, to the PhD Research Centre within the stipulated time mentioned in the notification. The application form and the necessary details would be made available on the Institute website.

1.5. The applications received will be sent to the RC. The RC shall screen the applications, conduct the Ph.D. Entrance Test (PET) and interview/viva-voce of the candidates.

1.6. The allocation of Supervisor for a selected candidate shall be decided by the RC depending on the number of scholars per Supervisor, the available specialization among the Supervisors and research interests of the candidates as indicated by them at the time of interview/viva voce.

1.7. The RC will forward the list of selected candidates along with the applications of all the candidates to the PhD Research Centre.

1.8. The PhD Research Centre will seek the approval of the Principal for the registration of the selected candidates.





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1.9. The Candidates whose registration has been approved by the Principal shall be admitted to the Ph.D. Programme by PhD Research Centre with intimation to the Principal, supervisor, the candidate, and the sponsoring organization, if any.

1.10. The Institute shall maintain the list of all the Ph.D. registered scholars on its website on a year-wise basis. The list shall include the name of the registered research scholar, the topic of his/her research, name of his/her supervisor/co-supervisor, date of registration.

1.11. On receipt of the registration of the research scholars, the supervisor has to follow all norms and regulations provided by the Rashtra Sant Tukdoji Maharaj Nagpur University, Nagpur.

2. Entrance Test for Ph.D. Programmes, if conducted by the Institute

2.1 The Institute shall invite application forms from the eligible candidates, desirous for admission to Ph.D. Program and shall conduct Ph.D. Entrance Test (TGPCET-PET).

TGPCET-PET shall consist of two tests i.e. PET-I and PET-II. The test will be objective type in nature.

(ii) The duration of examination shall be of one hour each of 100 marks (each PET-I and PET-II carrying 50 marks) and covering the following areas:

PET-I: Research Methodology (Common for all)

1. Fundamentals of research
2. Selecting a problem and preparing a research proposal
3. Types of research
4. Tools and techniques of research
5. Review of Literature

PET-II: Subject-specific

Syllabus of relevant subjects shall be displayed on the Institute website.

(iii) The minimum passing percentage for TGPCET-PET shall be 40% in each test.

i.e. PET-I and PET-II and 50% in the aggregate for qualification. While candidates belonging to reserved categories appearing to the entrance test shall have to obtain 45% marks to become qualified.

2.2 The TGPCET-PET Examination Committee constituted by the Institute shall be the competent authority to conduct exam and redress grievances of any candidate with respect to the conduct of examination.

2.3 The TGPCET-PET being one of the eligibility criteria for applying for Ph.D. registration, the declaration of the candidate to be successful in examination shall not confer on the candidate, the right of registration.

3. Exemption from PET for Ph. D. Program

Candidates who have qualified PET-I & PET-II of the University/UGC-NET (including JRF)/UGC-CSIR NET (including JRF)/ SLET/GATE/GPAT/SET/teacher fellowship holder are exempted from the Institute conducted PET.

