

**ORDINANCE - 11****Ph.D. Programs**

Facilities for research work leading to the Ph.D. Degree shall be provided in the Faculty of the University in the programmes offered. These facilities include the laboratories and Workshops of his own department, other departments and central facilities available elsewhere in the University. Further, the scholars will have the access to the seminars held in the own department and other departments of the University, throughout the year. However, they have to follow the norms as decided by the Organizers.

The University shall also invite distinguished Scientists and Engineers to visit the Departments / Centres to deliver lectures and hold the discussions with the research groups. The Ph.D. students will thus get ample opportunities to pursue their research programmes in a truly stimulating environment.

The Department shall constitute a Departmental Research Committee (DRC) with all experienced researchers in the department as the members and may also include external experts of significant research contribution. The DRC shall meet and monitor the six monthly progress of the Scholar. Regulations shall specify the duties of the DRC. The recommendations of the DRCs shall be submitted to the Vice - Chancellor for approval.

**(a) Eligibility for Registration**

The eligibility of the student will be considered by the University for Registration in Ph.D. program on his making an application in the prescribed form provided that he has obtained Post Graduate Degree or equivalent qualification from a UGC Recognised University or Institute.

- (i) Faculty, Research Assistant, Technical Assistants or any other duly approved category of University Staff shall be eligible for the registration for Ph.D. program under the provisions of this Ordinance.
- (ii) A student who is eligible for Ph.D. program shall have to obtain the required minimum credit of Ph.D. course work.

Notwithstanding the provisions as stated above in (a)(i) to (a)(iii), the Board of Management will consider the registration for the degree of Doctor of Philosophy of a student who has obtained the B.E. / B.Tech. degree or an equivalent qualification by virtue of an examination in a subject duly approved by the Board of Management and has successfully completed the

minimum prescribed credit requirements under an approved programme of studies.

(b) Procedure for Admission

Following procedure shall be adopted by the Departments of the University for the admission of the candidates for the Ph.D. program.

- (i) At any instance of time, the approved Supervisor shall not be permitted to register more than eight research scholars taking all the registrations together in all the Universities / Institutes. The number of seats for Ph.D. shall be decided well in advance. The Ph.D. programmes will be notified and widely advertised on the University website and in advertising media.
- (ii) All admissions shall be made through an Entrance Test.
- (iii) Candidates who have qualified UGC / CSIR (JRF) Examination / SLET / GATE / teacher fellowship / have been admitted in M.E / M.Tech. through valid GATE score / M. Phil Programme through UGC NET score shall be admitted as specified in the Regulations.
- (iv) An interview shall be organized by the Departmental Research Committee (DRC) in the University and the candidate is expected to discuss their research interest./ area.
- (v) Only the pre-determined number of students shall be admitted to Ph.D. programme.
- (vi) The admission to Ph.D. Programmes shall be made in accordance with the National/ State Reservation Policy as applicable to the Private Universities in the State.

(c) Eligibility Criteria for Ph.D. Supervisor

The eligibility criterion for the recognition of a faculty and others as supervisor for the Ph.D. scholars by the University shall be a regular faculty of the University / Adjunct Professor / Research Scientist / Research Engineer holding a Ph.D. degree. Also an eminent Researcher / Artists / Scientist with PG or equivalent Degree having over 15 years of Research Experience, and who is eligible as defined in UGC Regulations shall apply on a prescribed form to a DRC for the recognition as a Supervisor to guide the students. The DRC shall consider the application in its meeting and forward the recommendations to the Academic Council / the Vice Chancellor for the approval.

(d) Allocation of the Supervisor

The allocation of the supervisor for a selected student shall be decided by the DRC in a formal manner depending upon the number of students per supervisor, the available specialization among the faculty supervisors, and the research interest of the student as indicated during interview by the student. The allotment / allocation of supervisor shall not be left to the individual student or teacher.

(e) Course Work

After having been admitted, each Ph.D. students shall be required to undertake course work for a minimum period of one semester. The course work shall be treated as pre Ph.D. preparation and must include a course on research interest, research methodology which may include quantitative methods and Computer Applications. It may also involve reviewing of published research work in the field of interest.

The minimum qualifying requirement such as grade, credits, seminars, publications etc. for allowing a student to proceed further to write the dissertation will be as specified in the regulations.

(f) Research Work

After satisfactory completion of the Ph.D. course work, the Ph.D. scholar shall undertake research work and submit a thesis based on the research work within maximum period of six years from the date of registration of the scholar. Thesis work should reflect the ability of the scholar to deeply explore the research studies, analysis of facts, make scholarly contribution to the advancement of knowledge as reflected in his publications in the research journals. Following requirements should be full filled by the scholar before the submission of the thesis:

- (i) The Scholar shall make a pre Ph.D. presentation in the Department that may be open to all the faculty members and research scholars for getting feedback and comments, which may be suitably incorporated by the research scholars into the draft thesis under the advice of the supervisor.
- (ii) Ph.D. scholar shall publish at least one research paper in a referred Journal of repute approved by the DRC, before the submission of the thesis / monograph for adjudication, and produce evidence for the same in the form of acceptance letter or the reprint.

(g) Conditions for Conferment of the Degree

The Degree of Doctor of Philosophy shall be conferred on a student subject to the following conditions:

- (i) Research work has been carried out under the guidance of the Supervisor(s) for at least two years in the case of regular students and three years in the case of external students after their date of registration on a topic duly approved by the Departmental Research Committee.
- (ii) The thesis submitted by the student is required to be recommended for the award of the Ph.D. degree by two external referees and by the Board of Examiners constituted for the viva - voce examination.
- (iii) Notwithstanding the provision of (a) mentioned above, a student registered for the degree of Doctor of Philosophy may be permitted to carry out a part or the whole of his research work outside the University in a factory, laboratory, workshop, worksite or other research centres duly approved for the purpose by the University.
- (iv) The degree of Doctor of Philosophy shall be conferred only after the satisfaction of the DRC.

(h) Depository with UGC

Following the successful completion of the evaluation process and announcements of the award of Ph.D. the University shall submit following to the UGC.

- (i) A soft copy of the Ph.D. thesis, within a period of thirty days, for hosting the same in INFLIBNET, accessible to all Institutions and Universities.
- (ii) A hard copy of the signed Notification to the UGC and AIU.
- (iii) Along with the Degree, the University, shall issue a Provisional Certificate to the student, certifying to the effect that the Degree has been awarded in accordance with the guide lines issued by the UGC from time to time.