

**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA, INDORE****Ordinance No.10****Doctor of Philosophy (Ph.D.) as per UGC Regulations 2009****1) Preamble**

Shri Vaishnav Vidyapeeth Vishwavidyalaya offers research programmes leading to the award of the degree of Doctor of Philosophy (Ph. D). The award of Ph. D degree is in recognition of high academic achievements, independent research and original contribution in various academic disciplines (as recognized by the University).

The University also encourages research in interdisciplinary areas in academics as well as industrial practices in order to promote creativity, productivity and to open up new avenues of research work. The academic programme leading to the Ph. D degree involves a stipulated course work and credit requirements plus producing a research thesis that shall be characterized by the

- Discovery of new facts, or providing a new perspective of interpretation.
- Application of existing facts or postulating a new theory or evaluating an existing theory in new contexts.
- Innovation and development of equipment/ product/ process making a unique advancement in a technology or a practice or a principle.

It shall demonstrate the research scholar's capacity for critical examination and sound judgment and shall represent original contribution to the existing body of knowledge in a given academic domain. The degree shall be awarded by the University in recognition of research work in various areas recognized by the various faculties/academic departments of the University, to those who fulfil all the requirements specified in the rules and regulations contained herein after.

**2) Eligibility**

The aspiring candidate should have obtained a Master's degree or equivalent in relevant subject from any recognized University in India or abroad securing not less than 55% marks or 5.5/10 CGPA in aggregate at the Master's Degree. However, in the case of SC/ST candidates the minimum marks required shall be 50% or 5/10 CGPA as per Govt. Guide lines. Those candidates who do not have the required minimum percentage (55% marks) in their Master's Degree, should have completed an AIU recognized/AICTE approved postgraduate diploma in the subject/area/discipline in which he/she seeks to do a Ph. D and has secured at least 55% marks in such diploma.

**3) Work/Credit Requirements**

All candidates admitted for the Ph. D programme are required to undergo a 20 credit course work during the first semester of the programme. The courses offered for the Ph. D programme will be a combination of Lecture Courses, Laboratory Courses, Design

Courses, Self-Study Courses, Minor Project work as the case may be, for the candidates registered under each discipline. The course work will be in two parts.

- **Part 1:** A common module of courses including Research Methodology, and Statistical Methods carrying eight credits in total has to be taken by every Ph. D candidate irrespective of the discipline under which he/she is registered.

**Part 2:** All lecture courses, laboratory courses, design courses, self-study courses and minor project work shall carry a maximum of twelve credits. The courses, as prescribed by the Director of the respective Institute, should be based on the recent developments/literature survey in the areas of research in the respective disciplines.

#### 4) Pre-Ph. D Examination

After the completion of the course work in the first semester, each candidate will be required to take a Pre-Ph. D examination. It will consist of one written test or lab work of the duration of 2 hours based on the courses taken in Part I of the course work. For Part II, the candidate is required to produce a paper based on the literature review or a concept paper on his/her area of research to claim the necessary credits.

#### 5) Dissertation

After a candidate has passed the Pre-Ph. D written test, he/she is required to submit the research proposal and make a presentation within two months. It is mandatory that every research scholar will have to submit a half yearly progress report at the end of every semester, till the submission of the final thesis, to the Professor In charge Research, duly reviewed, evaluated and recommended by his/her supervisor(s) and forwarded by the Directors of the respective Institutes. The candidate's progress report for each semester may be graded as Satisfactory or Unsatisfactory. A candidate has to earn 'Satisfactory' grade for all the semesters to be eligible for the final submission of the thesis. If a candidate fails to submit two consecutive half-yearly progress reports on time, or the progress reports submitted by the candidate are not satisfactory, then his/her registration will stand cancelled. Every Ph. D candidate is required to hold a pre-submission open seminar at least six months before the final submission of the thesis. On completion of the research work, he/she is required to publish at least two papers in refereed journals and then submit to the University.

#### 6) Programme Duration

The minimum duration for the Ph. D programme shall be three years/six semesters from the date of confirmation of the registration for the programme to the date of the submission of the thesis. However, a research student may be given relaxation of up to 6 months in the above periods allowing pre-submission of the thesis, provided he/she produces sufficient evidence of having done prior research work resulting in publication of research papers in refereed journals in his/her area of research. Maximum

duration of Ph.D programme is five years/ ten semesters from the date of confirmation of registration into the programme to the date of the submission of the thesis. However, the submission of thesis may be extended by not more than one year by the Chairman Board of Research, under special circumstances, on a written request by the student duly forwarded by his/her supervisor and recommended by the Director of the Institute.

## 7) Procedure

Applicants for the Ph. D programme shall be selected on the basis of an Entrance Test conducted by the University, followed by Personal Interview. Those candidates who have passed the NET/SET/GATE or any other equivalent National Test are exempted from the Entrance Test. However, such candidates shall have to go through the Interview Process. Every admitted candidate will be required to complete the prescribed course work within six months to formally register for Ph.D programme. He /she will have to register every semester by paying prescribed fees till the submission of the thesis. Every semester the registration shall be subject to the completion of the specified number of credits/courses and/or satisfactory progress of a student in his/her research work duly certified by the supervisor and recommended by the Directors of the respective Institutes.

**Interview:** The successful candidates of the entrance test shall have to appear for an interview. The interview Board shall consist of all the members of the Departmental Research Committee (DRC) along with four subject supervisors nominated by the Vice chancellor taking minimum two supervisors from the colleges. (c)The candidate are expected to bring the No objection Letter from the proposed supervisor/Co- supervisor and from the Head of the research centre. At least one of the supervisor/Co- supervisor must be from research centre. The candidate is expected to discuss their research plan and a tentative area and research work. (d)The Board will assess the research potential of the candidates. (e)The Committee shall finalize the list of the candidates admitted to the Ph.D. program in the concerned subject depending upon the merit and availability of seats. It shall also allot the Research centre, Supervisor and Co-Supervisor, if any, and approve the tentative area of the proposed research work. The final list should be immediately submitted to the Registrar. After the approval of the Vice chancellor, the list shall be notified. Note: (i) While granting admission to students to Ph.D. programmes, the committee will pay due attention to the State Reservation Policy. (ii) The committee should also see that only the predetermined number of students shall be admitted to Ph.D. programme. (f) If the Dean of the faculty is not available, then the Vice chancellor shall appoint any other Dean or a Senior Professor of the University to chair the Departmental Research Committee (DRC) (g) Chairman and two other members form the quorum

## 8) Allocation of Supervisor

1. The allocation of the supervisor for a selected student will be decided by the Department in a formal manner depending on the number of student per faculty member, 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.

## 9) Course Work

1. After having been admitted, each Ph.D. Student shall be required by the Universities, Institutions and Deemed to be Universities and Colleges/Institutions of National Importance, as the case may be, to undertake course work for a minimum period of one semester. The course work shall be treated as per Ph.D. preparation and must include a course on research methodology which may include quantitative methods and Computer Applications. It may also involve reviewing of published research in the relevant field. The individual Universities, Institutions, Deemed to be Universities and Colleges/Institutions of National Importance, as the case may be, shall decide to minimum qualifying requirement for allowing a student to proceed further with the writing of the dissertation.

If found necessary, course work may be carried out by doctoral candidates in sister Departments/ Institutes either within or outside the University for which due credit will be given to them

## 10) Registration of the student

- (a). After successful completion of the course work, the student is required to submit the Registration form within two months of the declaration of the result. The Registration form will be obtained from the University by depositing necessary fee. (b). The duly filled registration form must be accompanied with a synopsis of his/her proposed research work (in seven copies) approved by the supervisor / Co-supervisor and duly forwarded by research Centre in a prescribed format (Appendix-II), necessary documents and certificates along with the following fees : (i) Registration fee (ii) Tuition fee for six months (iii) Library fee for six months (iv) Library caution money (payable once only and refundable) (v) Laboratory fee for six months (where laboratory work is involved) (vi) Identify card fee (vii) Any other fee as decided by the university. (c). After payment of fees along with the form of application the candidate will be provisionally admitted, provided that the application is found in order: (d). The candidate shall be required to make an oral presentation of his/her proposed work before.

## 11) Evaluation and Assessment Methods

2. Upon satisfactory completion of course work and research methodology, which shall form part and parcel of Ph.D. Program, the Ph.D. Scholar shall undertake research work and produce a draft thesis within a reasonable time, as stipulated by the Institutions concerned.
3. Prior to submission of the thesis, the student shall make a pre-Ph.D. presentation in the Department that may be open to all faculty members and research students, for getting feedback and comments, which may be suitable incorporate into the draft thesis under the advice of the supervisor.
4. Ph.D. candidates shall publish one research paper in a referred Journal before the submission of the thesis/monograph for adjudication, and produce evidence for the same in the form of acceptance letter or the reprint.

5. The thesis produced by the Ph.D. student in the Institutions/Departments and submitted to the University, Institution, Deemed to be University, College/Institution of National Importance, as the case may be, shall be evaluated by at least two experts, out of which at least one shall be from outside the State. It shall be up to the University, Institution, Deemed to be University, College/Institution of National Importance concerned to have examiner from outside the Country.
6. On receipt of satisfactory evaluation reports, Ph.D students shall undergo a viva voce examination which shall also be openly defended.

## 12) Depository with UGC

1. Following the successful completion of the evaluation process and announcements of the award of Ph.D., the University shall submit a soft copy of the Ph.D thesis to the UGC within a period of thirty days, for hosting the same in INFLIBNET, accessible to all Institutions/ Universities.
7. Along with the Degree, the Degree awarding University, Institution Deemed to be University, college/Institution of National Importance, as the case may be, shall issue a Provisional Certificate certifying to the effect that the Degree has been awarded in accordance with the provisions to these Regulations of the UGC.