



VARDHMAN MAHAVEER OPEN UNIVERSITY, KOTA

Rawatbhata Road, Kota (Rajasthan) PIN: 324 021

Toll Free- 1800-180-6166

Ph.D Entrance Examination Guidelines

2023



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Online applications are invited for admission to Ph.D. Programme in the School of Science & Technology, Commerce & Management, Humanities & Social Sciences, Continuing Education and Education in regular mode for Session 2023.

Important dates for Ph.D. Entrance Written Examination:

Online Application Opening Date	21 st October, 2023
Online Application Last Date	15 th November, 2023
Date of Examination at VMOU, Kota	28 th November, 2023

Important Guidelines

Procedure for the Ph.D. Entrance Examination

Online admission form shall be filled on the vacant seats in the subjects declared. The admission shall be based on the criteria notified by the institution, keeping in view the guidelines/norms in this regard issued by the UGC and other statutory/regulatory bodies concerned, and taking into account the reservation policy of the Central/State Government from time to time.

Eligibility Criteria for admission

A candidate shall be eligible for admission and pre-registration course work for Ph.D. programme provided he/she has:

1. Candidates for admission to the Ph.D. programme shall have a Master's degree or a professional degree 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 (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree 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 for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.
2. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC(non-creamy layer)/Differently-abled and other categories of candidates as per the decision of the Commission from time to time, or for those who had obtained their Master's degree prior to 19th September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed)

and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.

B Entrance Examination Fee & Mode of Payment

Candidates have to pay an amount of Rs 500/- (five hundred only) for Entrance examination fee through online mode (credit card/ net banking / e-mitra). Fee once deposited will not be refunded.

C Course Work

1. Selected Students will undergo common course work for 8 credits and subject based course work for 8 credits (in the department concerned on the basis of recommendation of Research Advisory Committee.
2. After six months the candidate(s) shall be examined through Continuous Assessment.
3. 75% attendance of the student in the Pre-Ph.D. Course Work both in Module I&II and Module III will be compulsory.
4. Successful candidate(s) then shall submit a synopsis and also make a presentation before the Research Board.

D Available Seats for Ph.D.: The Subject wise numbers of seats are as follows:

Name of School	Subject for Entrance Test	No. of tentative vacancies
Continuing Education	Journalism	04
Humanities and Social Sciences	English	03
	Public Administration	01
	Sanskrit	01
	Economics	02
Science and Technology	Botany	05
	Mathematics	01
	Computer Science	04

E General Instructions for Ph.D. Entrance Test for those subjects wherein sufficient numbers of candidates did not appear or scholarships are not provided.

- (1) The Ph.D. Entrance examination will be held at **Kota** only.
- (2) Time allotted for Ph.D. Entrance examination: Total 02 Hrs.
- (3) Admit card to be downloaded from the University website: www.vmu.ac.in, available before the date of written Examination. **Candidates should bring with them a valid original ID.**
- (4) The question paper of the Entrance Test shall consist of 50 MCQs of Research methodology (Research, Language(Hindi/English), Computer applications & Logical reasoning) and 50 MCQs shall be subject specific.
- (5) Question paper will be bilingual (Hindi and English) except the language paper.
- (6) There will be **NO** Negative Marking in the written examination.

- (7) The aggregate qualifying marks in entrance examination for all candidates will be 50%.
- (8) In case of tie between successful candidates in any subject in the final merit, it will be resolved by comparing the P.G. marks. If the tie is not resolved then further the marks obtained by the candidates in U.G. will be compared to determine the final merit.
- (9) The University shall admit pre-determined number of students in the Ph. D.
- (10) In addition to the educational qualifications the applicant shall submit NoC as following:
- Certificate issued by the employer to allow him/her to fulfill the residential requirement during course work (180 days leave for attending the class of course work) and contact days (as required by the university) with supervisor after completion of the course work as notified by University from time to time.
 - Permission of the employer in writing to the candidate, to pursue Ph.D programme along with his/her regular duties in the organization he/ she is employed.
 - Availability of all facilities for pursuing research at the candidate's parent organization / place of work, in the chosen field of research.
- (11) The Date of registration(Fee Deposition) shall be the Date of admission, but the letter of registration shall be issued after successful completion of Course Work.
- (12) All the information related to entrance schedule,entrance examination, result, interview, course work etc. shall be uploaded on University website. Candidates should frequently visit the website for updated information.

(H) Fee Distribution:

1.	Tuition Fee	Rs. 25,000/- per year
2.	Registration Fee	Rs. 5,000/-
3.	Library Caution Money	Rs. 1,000/-
4.	Library Fee	Rs. 3,000/-
5.	Laboratory fee for Research	Rs. 3,000/-
	Total	Rs. 37000/-
6.	Thesis Submission & Evaluation Fee	Rs. 10,000/-
FEE ONCE DEPOSITED WILL NOT BE REFUNDED		

Syllabus of the Entrance Test :	Total-100 Marks
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(A) Research Methodology	(50 Marks)
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(i) Syllabus for the Research based Paper.	(20 Marks)
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- **Foundations of Research:** Meaning, Objectives, Motivation, Utility. Meaning, purpose, significance of ethical conduct in research, Classification of Research based on its purpose (Basic, Applied, Evaluation and Action Research) Concept of theory, empiricism, deductive and inductive theory. Characteristics of scientific method –Understanding the language of research –Concept, Construct, Definition, Variable. Research Process
- **Problem Identification & Formulation** – Research Question–Investigation Question–Measurement Issues –Hypothesis –Qualities of a good Hypothesis –Null Hypothesis & Alternative Hypothesis. Hypothesis Testing –Logic & Importance
- **Research Design:** Concept and Importance in Research –Features of a good research design –Exploratory Research Design –concept, types and uses, Descriptive Research Designs –concept, types and uses. Experimental Design: Concept of Independent & Dependent variables.
- **Qualitative & Quantitative Research:** Qualitative research – Quantitative research – Concept of measurement, causality, generalization, and replication. Merging the two approaches.
- **Measurement:** Concept of measurement–what is measured? Problems in measurement in research–Validity & Reliability. Levels of measurement–Nominal, Ordinal, Interval, Ratio.
- **Research Strategies:** Which Strategy to Choose? Case Studies, Experiments, Ethnography, Phenomenology, Ground Theory (GT), Action Research, Mixed- methods
- **Sampling:** Concepts of Statistical Population, Sample, Sampling Frame, Sampling Error, Sample Size, Non Response. Characteristics of a good sample. Probability Sample –Simple Random Sample, Systematic Sample, Stratified Random Sample & Multi-stage sampling. Determining size of the sample –Practical considerations in sampling and sample size.
- **Ethical considerations in Research** –Layout of a Research Paper, Impact factor of Journals, When and where to publish ? Ethical issues related to publishing and research, Plagiarism and Self-Plagiarism, Application of computer in research.

(ii)	Language in Research (English & Hindi).	(10 Marks)
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(iii)	Computer Applications in Research.	(10 Marks)
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(iv)	Logical Reasoning.	(10 Marks)
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(B) The syllabus of subject specific paper will be as per the syllabus of UGC NET. The link is given below- **(50 Marks)**

<https://www.ugcnetonline.in/syllabus-new.php>