



Ph.D. Manual-2025



Mewar University
Gangrar, Chittorgarh, Rajasthan, 312901

CONTENTS

1.	Introduction	1
2.	Seat Matrix for Ph.D. Programme	2
3.	Availability and Submission of Admission Application Form	2
4.	Eligibility Criteria	2
5.	Procedure for Admission (Entrance Test and Interview)	4
6.	Relaxation to M.Phil. and National/State-level Exam qualified candidates	5
7.	Duration of the PhD Programme	5
8.	Student Research Advisory Committee (SRAC) and its functions:	5
9.	Allocation of Research Supervisor	6
10.	Evaluation and Assessment Methods, Minimum Standards for Award of the PhD Degree	7
11.	Award of Ph.D. degrees prior to Notification of these Regulations	9
12.	Depository with INFLIBNET	9
13.	Issuing a Provisional Certificate	10

ANNEXURES:

Admission Application Form

Coursework Curriculum

Synopsis Guidelines

Half Yearly Progress Report Format

Student Research Advisory Committee (SRAC) Report Format

Pre-Submission Application Form

Thesis Preparation Manual

UGC (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2022

1. INTRODUCTION

Mewar University is a multidisciplinary institution of higher education located in Chittorgarh, Rajasthan, India. Established in 2009 under the Government of Rajasthan through the Mewar University Act, the University is recognized by the University Grants Commission (UGC) under Section 2(f) of the UGC Act, 1956. The University is committed to providing quality education, fostering innovation, and promoting research to prepare competent professionals and responsible citizens.

The University offers a wide range of undergraduate, postgraduate, diploma, doctoral, and professional programs across disciplines such as Engineering, Management, Pharmacy, Agriculture, Computer Science, Education, Law, Humanities, Commerce, Basic Sciences, Nursing, and Allied Health Sciences. Its curriculum is designed to integrate theoretical knowledge with practical skills through laboratory work, industry interaction, internships, and research-oriented learning.

Mewar University emphasizes academic excellence, skill development, entrepreneurship, and community engagement. The institution encourages faculty and students to undertake research, publish scholarly work, and participate in national and international conferences, contributing to knowledge creation and societal development.

The University provides modern academic infrastructure, including well-equipped laboratories, libraries, digital learning resources, sports facilities, and hostel accommodation. Through collaborations with industries, research organizations, and academic institutions, Mewar University strives to enhance employability, innovation, and global perspectives among its students while upholding values of integrity, inclusivity, and lifelong learning.

Vision

To develop a center of excellence for technical, professional and vocational education and research at par with national and international standards.

Mission

To develop the framework for effectively conducting various educational and research programmes of the highest standards so as to produce confident, self-reliant and responsible youth for the society and outstanding professionals for government, industry and business. The mission is to "Reach the unreached, serving the poorest of the poor section of society"

The University offers UGC-mandated full-time and part-time Ph.D. programmes across various disciplines requiring a master's degree with minimum passing marks, an entrance test/interview, and coursework and other requirements as mentioned in this manual.

The University invites applications from both Indian and international candidates for admission to its Full-time and Part-time PhD programs across various disciplines.

- 1.1 Detailed PhD admission guidelines and procedures, along with the application form, will be available on the Mewar University website (www.mewaruniversity.org) in the "Notification for PhD Admissions" section, which will also include important dates.

- 1.2 The advertisement for these admissions will be released in advance to ensure wider circulation, allowing sufficient time for applicants to complete their application process.
- 1.3 Fellowships/teaching assistantships will be offered to deserving candidates.

2. SEAT MATRIX FOR PH.D. PROGRAMME

The University determines each year, through the Board of Research Studies, a specific and manageable number of Ph.D. scholars to admit, depending upon the availability of Research Supervisors, the scholar-teacher ratio, as well as the academic and physical resources available, including laboratories, libraries, and other facilities.

The University shall notify well in advance on the institutional website and through advertisement in at least two national newspapers, of which at least one shall be in the regional language, the number of seats for admission, discipline-wise distribution of available seats (seat-matrix), admission guidelines, examination test centre, and all other relevant information for the benefit of the candidates.

3. AVAILABILITY AND SUBMISSION OF ADMISSION APPLICATION FORM

Candidates can download the PDF version of the application form from the university's website or collect a hard copy from the PhD Section at the university. Once the application form is completed, it should be sent to the Director Research at Mewar University, Chittorgarh, Rajasthan, 312901. Applications can be submitted via speed post, courier, or in person.

- 3.1 Along with the completed application form, the applicant must send, either by email or through post/courier/in-person, the mark sheets and certificates from class 10 onward up to the postgraduate degree.
- 3.2 For candidates applying for a part-time PhD, all the conditions mentioned in the extant Ph.D Regulations are met and a "No Objection Certificate" from their employer must be provided at the time of admission. This certificate must clearly state that:
 - 3.2.1 The candidate is permitted to pursue studies on a part-time basis.
 - 3.2.2 His/her official duties allow sufficient time for research.
 - 3.2.3 If necessary, he/she will be relieved from their duties to complete the course work.

4. ELIGIBILITY CRITERIA

The minimum qualifications for admission to a Ph.D. Program (Full-time/Part-time modes) will be as follows:

- 4.1 Candidate 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.

- 4.2 A relaxation of 5% marks 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, 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.
- 4.3 Candidates who have cleared the M.Phil. course work 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) and successfully completing the M.Phil. Degree shall be eligible to proceed to do research work leading to the Ph. D. Degree in the same Institution i.e. Mewar University in an integrated programme. 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, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.
- 4.4 A person whose M.Phil. dissertation has been evaluated, and the viva voce is pending may be admitted to the Ph.D. programme of the same Institution i.e. Mewar University.
- 4.5 As per the UGC notification dated August 17, 2015, applicants with a Chartered Accountancy (CA) qualification from 'The Institute of Chartered Accountants of India' (ICAI), Cost and Works Accountancy from ICWAI, or Company Secretary from ICSI, with a minimum of 55% marks or an equivalent grade, may be considered eligible for admission to Ph.D. Programs in the relevant field.
- 4.6 For PhD in Management, 2 Year PG diploma with a minimum of 55% marks or an equivalent CGPA may be considered, provided it is recognized as equivalent to a Master's degree by the Association of Indian Universities (AIU) or the All-India Council for Technical Education (AICTE).
- 4.7 Candidates possessing a Degree considered equivalent to M.Phil. Degree of an Indian Institution, 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, shall be eligible for admission to Ph.D. programme.
- 4.8 If the qualifying degree is awarded by a Foreign University, then the issue shall be referred to Standing Committee of Academic Council for the purpose of determining the equivalence of the degree awarded by the foreign University.
- 4.9 National/State reservation policy shall be paid due attention.

5. PROCEDURE FOR ADMISSION (ENTRANCE TEST AND INTERVIEW)

- 5.1 The University may admit students who qualify for fellowship/scholarship in UGC-NET/UGC-CSIR NET/GATE/CEED and similar National level tests based on an interview.

and/or

through Entrance test followed by interview. PhD Entrance Test (100 Marks), comprises of two sections:

- Section-A: MCQs on research methodology (50 Marks)
- Section-B: MCQs on subject-specific content (50 Marks)

- 5.2 Candidates must secure at least 50% of the marks in the entrance test or possess a valid certificate for qualifying a national-level exam in a relevant field to be eligible for an interview.
- 5.3 A relaxation of 5 % marks will be allowed in the entrance examination for the candidates belonging to SC/ST/OBC/differently abled category, Economically Weaker Section (EWS), and other categories of candidates as per the decision of the Commission from time to time.
- 5.4 The PhD Entrance Test will be conducted at Mewar University, located in Gangrar, Chittorgarh (Rajasthan). Refer to section-6 for an exemption from entrance exam
- 5.5 Document verification will also be done by the research section followed by the Interview. A valid certificate from a national level exam that qualifies for an exemption from the entrance test should also be included. The interview will be of 50 Marks to examine the candidates' research skills, competencies, and suitability for the program. An expert committee chaired by the concerned dean, with faculty members as subject experts and Head of the concerned department as convener will be formed for this purpose.
- 5.6 Candidates appearing in the Interview must bring their Research Proposal in about 1000 words focusing on proposed research area and its relevance in the today's context.
- 5.7 The Interviews will be held at the Mewar University, Gangrar, Chittorgarh (Rajasthan).
- 5.8 A merit list will be prepared in which 70% weightage will be given to the entrance test, and 30% weightage will be given to the Interview. 20% students of the total seats will be placed in the waiting list.
- 5.9 If a candidate does not secure admission by the deadline, the offer will be given to candidates on the waiting list according to merit order and reservation policies.
- 5.10 Vacant seats of the reserved category will be offered to candidates in the general category based on the order of merit.
- 5.11 The University will keep an updated list of all registered Ph.D. students on its website on a yearly basis. This list will include the following information for each candidate: their name, research topic, names of their supervisor and co-supervisor, and the date of their enrolment or registration.

6. RELAXATION TO M.PHIL. AND NATIONAL/STATE-LEVEL EXAM QUALIFIED CANDIDATES

- 6.1 Candidates who qualify for fellowship/scholarship in UGC-NET/ UGC-CSIR NET/ GATE/ ICAR-AICE-JRF/ ICMR-JRF/SRF/ GPAT/ DBT-JRF/ DST-INSPIRE/ CEED and similar National level tests or teacher fellowship holder are exempted from the Entrance exam and eligible for direct interview. A self-attested copy of the valid certificate confirming exemption from the entrance exam must be included with the application form. A separate merit will be prepared based on interview marks, and 20% of the seats-matrix will be reserved for such candidates, which can be transferred to candidates admitted through entrance test if seats remain vacant.
- 6.2 A candidate possessing an M.Phil degree in a relevant discipline will be directly called for the interview/pre-RDC interaction. A separate merit will be prepared based on interview marks, and 20% of the seats in the seat matrix will be reserved for such candidates, which can be transferred to candidates admitted through entrance test if seats remain vacant.

7. DURATION OF THE Ph.D PROGRAMME

- 7.1 The Ph.D. programme has a minimum duration of three (3) years, which includes course work, and a maximum duration of six (6) years from the date of admission to the programme for full-time research scholars and a minimum duration of four (4) years, including course work, and a maximum duration of seven (7) years from the date of admission to the programme for part-time research scholars.
- 7.2 A maximum of an additional two (2) years can be given through a process of re-registration provided, however, that the total period for completion of a Ph.D. programme should not exceed eight (8) years from the date of admission in the Ph.D. programme.
- 7.3 Additionally, female Ph.D. scholars and individuals with disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. programme in such cases should not exceed ten (10) years from the date of admission in the Ph.D. programme.
- 7.4 Furthermore, female Ph.D. scholars may be entitled to maternity leave or childcare leave once for a maximum of 240 days during their entire duration in the Ph.D. program.

8. STUDENT RESEARCH ADVISORY COMMITTEE (SRAC) AND ITS FUNCTIONS:

8.1 Composition-

S. No.	Designation	Position
1.	Dean/Dy. Dean/HOD	Chairperson
2.	Supervisor	Convener
3.	Co-Supervisor*	Ex-officio member
4.	Expert	Member
5.	Statistician/ Research Methodology Expert	Member

*Co-supervisor if applicable.

8.2 Responsibilities of SRAC-

- 8.2.1 To review the research proposal and finalize the topic of research through RDC meeting, constitution in 8.5
- 8.2.2 To guide the research scholar to develop the study design and methodology of research and identify the course(s) that he/she may have to do
- 8.2.3 To periodically review and assist in the progress of the research work of the research scholar

8.3 Each semester, a Ph.D. scholar shall appear before the Research Advisory Committee to make a presentation and submit a brief report on the progress of his/her work for evaluation and further guidance. The Research Advisory Committee shall submit its recommendations along with a copy of Ph.D. scholar's progress report to the University. A copy of such recommendations shall also be provided to the Ph.D. scholar.

8.4 In case the progress of the Ph.D. scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the Ph.D. scholar fails to implement these corrective measures, the Research Advisory Committee may recommend, with specific reasons, the cancellation of the registration of the Ph.D. scholar from the Ph.D. programme.

8.5 Research Degree Committee (RDC) Composition-

S. N.	Designation	Position
1.	VC / VC Nominee	Chairperson
2.	Supervisor	Member
3.	Co-Supervisor*	Member
4.	Subject Expert	Member
5.	Director-Research	Member Secretary

*Co-supervisor if applicable

8.6 Maximum of 240 days during their entire duration in the Ph.D. program.

9. ALLOCATION OF RESEARCH SUPERVISOR

9.1 On the recommendation of Board of Research Studies, any full-time regular faculty member of Mewar University (Rajasthan) is recognized as a Research Supervisor working as:

- a. Professor/Associate Professor with a Ph.D., and at least five research publications in peer-reviewed or refereed journals
- b. Assistant Professors with a Ph.D., and at least three research publications in peer-reviewed or refereed journals

- 9.2 Provided that in areas/disciplines where there is no, or only a limited number of peer-reviewed or refereed journals, the University may relax the above condition for recognition of a person as Research Supervisor with reasons recorded in writing.
- 9.3 An eligible Professor/Associate Professor/Assistant Professor can supervise/co-supervise up to eight (8) / six (6) / four (4) Ph.D. scholars, respectively, at any given time.
- 9.4 The allocation of a Research Supervisor to a selected research scholar shall be decided by BRS through the Director Research, based on the number of scholars per Research Supervisor, the available specialization among the Supervisors, and the research interests demonstrated by the scholar during their interview/viva voce.
- 9.5 Co-supervisors from within the department or other departments of the University or from other institutions may be permitted in case of inter-disciplinary research with the approval of the 'Student's Research Advisory Committee'.
- 9.6 Adjunct Faculty members shall not act as Research Supervisors and can only act as co-supervisors.
- 9.7 If a supervisor leaves the institution, he may become a co-supervisor of the same scholar until the PhD scholar defends his/her final thesis viva-voce. A new supervisor/co-supervisor will be assigned based on the recommendation of the Student's Research Advisory Committee (SRAC).
- 9.8 In case of relocation of a female Ph.D. scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the Higher Educational Institution to which the scholar intends to relocate, provided all the other conditions in these guidelines are followed, and the research work does not pertain to a project sanctioned to the parent Institution/Supervisor by any funding agency. Such scholar shall, however, give due credit to the parent institution and the supervisor for the part of research already undertaken.
- 9.9 Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision. However, such faculty members can continue to supervise Ph.D. scholars who are already registered until superannuation and as a co-supervisor after superannuation, but not after attaining the age of 70 years.
- 9.10 Each supervisor can guide up to two international research scholars on a supernumerary basis over and above the permitted number of Ph.D. scholars
- 9.11 At any point, the total number of Ph.D. scholars under a faculty member, either as a supervisor or a co-supervisor, shall not exceed the number prescribed above.

10. EVALUATION AND ASSESSMENT METHODS, MINIMUM STANDARDS FOR AWARD OF THE Ph.D DEGREE

10.1 Course Work

10.1.1 Credit requirements set by the University- 14 Credits

Papers in Course Work- Paper-I: Research Methodology (4 Credits), Paper-II: ICT (2 Credits), Paper-III: Research and Publication Ethics (2 Credits), Paper-IV: Dissertation and Presentation (Review of Published Research) (6 Credits)

- 10.1.2 All Ph.D. scholars, irrespective of discipline, shall be required to train in teaching /education /pedagogy/writing related to their chosen Ph.D. subject during their doctoral period. Ph.D. scholars may also be assigned 4-6 hours per week of teaching/research assistantship for conducting tutorial or laboratory work and evaluations.
- 10.1.3 The duration of Course Work shall be six months, that shall be completed within first two semester from the date of admission, with a maximum of two attempts. However, an extension of one semester can be given by the competent authority upon the recommendation of the SRAC.
- 10.1.4 Criteria of Course Work Completion- A Ph.D. scholar must obtain a minimum of 55% marks or its equivalent grade in the UGC 7-point scale in the course work to be eligible to continue in the programme and submit his or her thesis.
- 10.1.5 M.Phil/PGRI candidates admitted to the Ph.D programme shall be exempted from the course work requirement, provided they have undertaken a mandatory paper on research methodology during their M.Phil/PGRI programme.

10.2 Publication requirements

Ph.D. scholars are required to publish at least one research paper in a refereed journal and to make two presentations at conferences or seminars before submitting their dissertation or thesis for evaluation. They must also provide evidence of these accomplishments in the form of presentation certificates or reprints.

10.3 PhD Thesis Pre-Defense (Ph.D. Pre Submission Viva Voce)

Before the final Ph.D. thesis submission, the candidate shall do a pre-submission and presentation before the SRAC including an external expert that may be open to all faculty members and research students, for getting feedback and comments, which may suitably be incorporated into the draft thesis in consultation with the SRAC. A student may have to reappear for pre-presentation if the committee suggest the work is not suitable for final presentation.

10.4 Submission of Ph.D Thesis for Evaluation and Final Defense

- 10.4.1 After recommendation of the Pre Submission Viva Voce evaluation and SRAC, the Ph.D. scholar shall submit the PhD thesis for evaluation.
- 10.4.2 A plagiarism check shall be done for the thesis submitted for evaluation using the plagiarism checking software.
- 10.4.3 While submitting for evaluation, the dissertation/thesis shall have (a) an undertaking from the research scholar and (b) a certificate from the Research Supervisor attesting to

the originality of the work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution.

- 10.4.4 The Ph.D. thesis submitted by a Ph.D. scholar shall be evaluated by his/her Research Supervisor and at least two external examiners with a good record of scholarly publications in the field (one from state other than Rajasthan) out of which one may be from outside the state and the other examiner may be selected from outside the country, if possible.
- 10.4.5 On receipt of satisfactory evaluation reports, Ph.D candidates shall undergo a viva-voce examination which shall also be openly defended.
- 10.4.6 The viva-voce board consist of the Research Supervisor and at least one of the two external examiners.
- 10.4.7 The viva-voce of the Ph.D. scholar to defend the thesis shall be conducted if both the external examiners recommend acceptance of the thesis after incorporating any corrections suggested by them. If one of the external examiners recommends rejection, the Higher Educational Institution concerned shall send the thesis to an alternate external examiner from the approved panel of examiners, and the viva-voce examination shall be held only if the alternate examiner recommends acceptance of the thesis. If the alternate examiner does not recommend acceptance of the thesis, the thesis shall be rejected, and the Ph.D. scholar shall be declared ineligible for the award of a Ph.D.
- 10.4.8 The entire process of evaluation of Ph.D. is to be thesis within a period of six months from the date of submission of the dissertation/thesis. In case of any delay, appropriate reasons shall be recorded and informed to the Supervisor, PhD Scholar and members of SRAC.

11. AWARD OF PH.D. DEGREES PRIOR TO NOTIFICATION OF THESE REGULATIONS

Award of degrees to candidates registered for the Ph.D. programme on or after 12 Nov 2016 till the date of Notification of these guidelines shall be governed by the Mewar University PhD Admission Guidelines, 2009 or the Mewar University PhD Admission Guidelines, 2016 as the case may be. Further, the award of degrees to candidates already registered and pursuing Ph.D. shall be governed by these the Mewar University PhD Admission Guidelines, 2016.

12. DEPOSITORY WITH INFLIBNET

Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree(s), the University shall submit an electronic copy of the Ph.D. thesis to INFLIBNET, for hosting the same so as to make it accessible to all Institutions/Colleges.

13. ISSUING A PROVISIONAL CERTIFICATE

Prior to the actual award of the Ph.D. degree, the University, upon recommendation of the SCAC, shall issue a provisional certificate to the effect that the Ph.D. is being awarded in accordance with the provisions of these guidelines (or as applicable).

- For further details please refer to the University Grants Commission (Minimum Standards and Procedure for Award of M.PHIL./PH.D Degree) Regulation, 2022 available at UGC Website
- Thesis Preparation Manual and Evaluation formats attached



Admission Application Form

Mewar University

Chittorgarh, Rajasthan

5. ACADEMIC RECORD Please encloses self attested copies of mark-sheets & Degree Certificate.

CLASS10th	YEAR OF PASSING		INSTITUTION		☐ CBSE ☐ ICSE ☐ STATE BOARD		
			Marks Obtained		% of marks		
			Maximum Total				
CLASS12th	☐ Science ☐ Art ☐ Commerce	YEAR OF PASSING		INSTITUTION		☐ CBSE ☐ ICSE ☐ STATE BOARD	
				Marks Obtained		% of marks	
				Maximum Total			
BACHELOR'S (SPECIFY)	DISCIPLINE	YEAR OF PASSING		INSTITUTION		UNIVERSITY	
				Marks Obtained		% of marks	
				Maximum Total			
MASTER'S (SPECIFY)	DISCIPLINE	YEAR OF PASSING		INSTITUTION		UNIVERSITY	
				Marks Obtained		% of marks	
				Maximum Total			

6. RESEARCH / TEACHING / INDUSTRY EXPERIENCE (IF ANY)(use a separate sheet if necessary)

FROM	TO	ORGANISATION	POSITION	JOB DESCRIPTION

7. PUBLICATIONS (use a separate sheet if necessary)

Title Paper	Journal	Vol. Month & Year	Co Author if any

8. Any other relevant information candidate wish to mention (optional):

9. UPI I'd/UTR No. of Application Fees - Rs. 2,000/- _____

10. Mandatory enclosures with application form:

- Marksheets/Certificates 10th Class onwards upto PG Degree

- Proof in support of column 3,6,7

- Declaration : I affirm that all entries in application and the appended documents ARE TRUE IN ALL ASPECTS and that the RESEARCH PROPOSAL HAS BEEN PREPARED BY MYSELF. I understand that any information/ document if found to be false, shall automatically cancel my candidature and render me liable for such action as the University may deem proper.

Candidate's Name : _____

Candidate's Signature : _____

Date : ____/____/____



Curriculum
of
Ph.D. Course Work

Offered by
MEWAR UNIVERSITY, CHITTORGARH
RAJASTHAN-312901

ABOUT MEWAR UNIVERSITY

Mewar University is a multidisciplinary institution of higher education located in Chittorgarh, Rajasthan, India. Established in 2009 under the Government of Rajasthan through the Mewar University Act, the University is recognized by the University Grants Commission (UGC) under Section 2(f) of the UGC Act, 1956. The University is committed to providing quality education, fostering innovation, and promoting research to prepare competent professionals and responsible citizens.

The University offers a wide range of undergraduate, postgraduate, diploma, doctoral, and professional programs across disciplines such as Engineering, Management, Pharmacy, Agriculture, Computer Science, Education, Law, Humanities, Commerce, Basic Sciences, Nursing, and Allied Health Sciences. Its curriculum is designed to integrate theoretical knowledge with practical skills through laboratory work, industry interaction, internships, and research-oriented learning.

Mewar University emphasizes academic excellence, skill development, entrepreneurship, and community engagement. The institution encourages faculty and students to undertake research, publish scholarly work, and participate in national and international conferences, contributing to knowledge creation and societal development.

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To develop a center of excellence for technical, professional and vocational education and research at par with national and international standards.

Mission

To develop the framework for effectively conducting various educational and research programmes of the highest standards so as to produce confident, self-reliant and responsible youth for the society and outstanding professionals for government, industry and business. The mission is to "Reach the unreached, serving the poorest of the poor section of society"

Programme Outcomes (POs)

PO1: Disciplinary Knowledge: Demonstrate advanced knowledge and comprehensive understanding of theories, concepts, principles, and recent developments in the chosen discipline.

PO2: Problem Analysis: Identify, analyze, and formulate complex research problems through critical review of literature and scientific inquiry.

PO3: Research Design and Investigation: Design and conduct original, systematic, and ethical research using appropriate methodologies and advanced research tools.

PO4: Modern Tool Usage: Apply advanced analytical, computational, statistical, and digital tools for data collection, analysis, interpretation, and validation of research outcomes.

PO5: Ethics and Professional Integrity: Demonstrate ethical research practices, academic integrity, intellectual property awareness, and professional responsibility in research and publication.

PO6: Communication Skills: Communicate research findings effectively through scholarly publications, technical reports, presentations, and interactions with academic, industrial, and societal stakeholders

PO7: Leadership and Teamwork: Function effectively as an independent researcher and as a leader or collaborative member of multidisciplinary and interdisciplinary research teams.

PO8: Innovation and Societal Contribution: Develop innovative solutions and contribute to scientific, technological, industrial, environmental, and societal advancement through impactful research.

PO9: Lifelong Learning: Recognize the need for and engage in lifelong learning, continuous professional development, and independent acquisition of emerging knowledge and research skills.

Teaching Scheme for Ph.D. Coursework

S. N.	Course Code	Course Title	Contact hours per Week			Credit	Internal Evaluation	End-Term	Total Marks
			L	T	P				
1	RES-I (A)	Research Methodology	4	0	0	4	40	60	100
2	RES-I (B)	ICT Lab Work and Presentation	0	0	4	2	20	30	50
3	RES-II	Research and Publication Ethics	2	0	0	2	20	30	50
4	RES-III	Dissertation and Presentation	0	0	12	6	100	50	150
Total			6	0	16	14	20	50	350

Ph.D. Course Work

RES-I (A) : Research Methodology

Lectures	Tutorials	Practical	Credits
4	0	0	4

Scheme of Evaluation

Internal Evaluation	End Term Examination
40	60

Duration of End Term Examination: 03 Hours

Course Objectives:

To develop knowledge of research methods, problem identification, hypothesis formulation, statistical analysis, ethical practices, scientific writing, publication skills, and critical evaluation for conducting and communicating quality research effectively.

S.N.	Course Outcomes
CO1	Explain the fundamentals of research methodology and formulate research problems, questions, and hypotheses.
CO2	Design appropriate research methods, sampling strategies, and data collection tools for scientific investigation.
CO3	Apply descriptive and inferential statistical techniques to analyze data and interpret research findings.
CO4	Evaluate research outcomes and prepare research reports and synopses following ethical and academic standards.

UNIT 1	Foundations of Research Methodology	15 Hours
Meaning of Research, Objectives of Research, Motivations in Research, types of Research, Research Approaches, Significance of Research, Research Methods v/s Methodology, Research and Scientific Methods, Research Process, Criteria of good research and ethics in research, Defining the Research Problem: Concept and need, Identification of Research problem, defining and delimiting Research problem, Research Questions and Hypothesis: Variables and their linkages, characteristics of good Hypothesis. Research question and formulation of hypotheses-directional and non-directional hypotheses, Basis for hypotheses, Design of hypothesis based on deeper ROL by focusing on the citation of relevant research		

UNIT 2	Research Design and Data Collection	15 Hours
Meaning, Need, Features of Good Design, Concepts, Types. Basic principles of Experimental Design, various methods of Research. Survey, Philosophical, Historical, Experimental, Causal Comparative, Genetic, Case Studies, Collections of Primary Data, Collection of Data through questionnaire and Schedules, other Observation Interview Methods, Collection of Secondary Data, Selection of appropriate method for data collection, Case Study, Focus Group Discussion, Techniques of developing research tools, viz. Questionnaire and rating scales etc., reliability and validity of Research tools. Sampling: Probability and non-probability sampling- types and criteria for selection. Developing sampling Frames, Determination of sample size by using statistical formula.		
UNIT 3	Statistical Techniques for Research	15 Hours
Descriptive Statistics: Measurement Scales, Sources of error in measurement. Measures of central Tendency (Mean, median, Mode), Measures of dispersion (range, mean deviation, standard deviation) Graphical representation of Data, Inferential statistics: Normal Probability Curve-Meaning, characteristics and applications. Standard error. Confidence Interval and Fiduciary limits. Type 1 and Type II errors. Estimating Population Means. Correlations: Rank Difference Method Pearson's Product Moments Correlation Significance of correlation. Concept of Variance. Other methods of Correlation (Concept and application only)-Partial and Multiple correlation Biserial, Point Biserial, tetra choric and Phi correlation. Regression and Multiple Regression equations (concept and applications), Sampling Distribution, Null Hypothesis- Alternative Hypothesis. Testing the Significance of difference between means (z and 't' test), Analysis of Variance (ANOVA) and Analysis of covariance (ANCOVA) concept and applications only, Factor Analysis and Path Analysis (concept and applications).		
UNIT 4	Advanced Statistics and Research Reporting	15 Hours
Non-Parametric Statistics: Wilcoxon Test- steps, characteristics and application, Sign Test, man-Whitney u Test, Chi Square test- steps, Characteristic and applications. Relationship between chi-square and phi correlation, Logic: Logical form, deductive and inductive reasoning, consistency, validity, soundness and completeness, western and oriental conception of logic, Writing Research Report: Format and style. Review of related literature its implications at various stages of research. (Formulation of research problem, hypothesis, interpretation and discussion of results). Major findings, Conclusions and suggestions. Citation of references and Bibliography, Preparation of Research Synopsis: Title, Preface, Abstract, Introduction, Geographical location, Objective, Hypothesis, Methodology-Time frame and work plan, Proper chapterization, References, Bibliography etc.		

Reference Books:

1. Best and Kahn, Research Methodology, PHI Limited.
2. Kothari, C.R. Research Methodology (Methods and Techniques), New Age Publisher.
3. Kerlinger, Foundation of Research.
4. Fundamentals of modern statistical methods by R and R. wilcox.
5. Power Analysis for Experimental research A Practical Guide for the Biological, Medical and social Sciences by R. Barker Bausell, Yi-Fang Li Cambridge University Press.

Ph.D. Course Work

RES-I (B) : ICT Lab Work and Presentation

Lectures	Tutorials	Practical	Credits
0	0	4	2

Scheme of Evaluation

Internal Evaluation	End Term Examination
20	30

Duration of End Term Examination: 02 Hours

Course Objectives:

To develop students' skills in word processing, spreadsheets, presentations, online research, and professional communication, enabling them to create documents, analyze data, prepare presentations, and effectively use digital resources.

S.N.	Course Outcomes
CO1	Apply MS Word and MS Excel tools to create and manage documents and worksheets.
CO2	Create effective presentations using MS PowerPoint with text, images, and animations
CO3	Use online educational and research resources to find academic information.
CO4	Demonstrate effective written and oral communication skills in professional settings

UNIT 1	Word Processing and Worksheet	12 Hours
Word features, Creating, Saving and Opening Documents in Word, Interface, Toolbars, Ruler, Menus, Keyboard shortcut, Editing, Previewing, Printing and Formatting a Document, Advanced Features of MS Word, Find and replace, using the source, using Auto-Multiple Functions, Mail Merge, Handling Graphics, tables and Charts, Covering word Documentation various Formats like-text, Rich Text format, Word Perfect, HTML, PDF, Worksheet Basics, Working with single and multiple workbook, working with formula & cell referencing, Auto sum, Copying formulae, Absolute & relative addressing, Worksheet with ranges, Formatting of worksheet, Previewing and		

printing Worksheet, Graphs and charts, Database, Creating and using Macros, Multiple Worksheets-concepts, Creating and using, data analysis and display.		
UNIT 2	Presentation	08 Hours
PowerPoint, Creating Slide show with animations. Auto Wizard, Creating a Blank presentation, auto layout, Screen layout and views, insert a new slide, applying design template, changing slide layout, recording and hiding a slides, slide show and editing custom slide, resizing a text box, Text Box Properties, Delete text Box, Bulleted Lists, number ED lists, adding notes, video and audio, Adding text editing options, Formatting text, Replace fonts, Line spacing, change case spelling check, color schemes, Adding clip art, Adding an image form a file, Editing graphic, Auto Shapes, Word Art, backgrounds, Action Buttons, Slide Animation, Preview Slide transactions, Slide Show options, Slide Master, Header and Footer, Slide Numbers, Date and Time.		
UNIT 3	Education and Research Resources on Net	04 Hours
Encyclopedia, Wikipedia, On-Line Tutorials and lectures, Virtual labs, Open Course-wares, Electronic Journals, E-Books, Digital Libraries, Searching research Information		
UNIT 4	Professional Written and Oral Communication	08 Hours
Students prepare E-mails, Letters, memos, proposals, formal and informal reports, Impromptu and Extemporaneous methods of delivery. Oral Presentations using usual aids such as handouts, overhead transparencies and presentation software such as Power Point.		

Reference Books:

1. Fundamentals of Computers – V. Rajaraman, PHI Learning.
2. Computer Fundamentals – BPB Publications.
3. Microsoft Office 365 Bible – Wiley India
4. Computer Fundamentals – Pearson India.
5. Computer Fundamentals – Oxford University Press India.
6. Business Communication – Oxford University Press India.
7. Technical Communication – Oxford University Press India.
8. The Official Guide to Microsoft Office 365 – Microsoft Press.

Ph.D. Course Work**RES-II Research and Publication Ethics**

Lectures	Tutorials	Practical	Credits
2	0	0	2

Scheme of Evaluation

Internal Evaluation	End Term Examination
20	30

Duration of End Term Examination: 02 Hours**Course Objectives:**

To develop understanding of research and publication ethics, promote academic integrity, prevent scientific misconduct, and enable ethical use of research, plagiarism detection, and publication tools.

S.N.	Course Outcomes
CO1	Explain the principles of research ethics, research integrity, and different types of scientific misconduct
CO2	Apply publication ethics and use appropriate tools to evaluate journals, detect plagiarism, and assess research quality

UNIT 1	Research Ethics	10 Hours
Introduction to philosophy: definition, nature and scope, concept, branches, Ethics: definition, moral philosophy, nature of moral judgments and reactions, Ethics with respect to science and research, Intellectual honesty and research integrity, Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP), Redundant publications, duplicate and overlapping publications, salami slicing, Selective reporting and misrepresentation of data		
UNIT 2	Publication Ethics	20 Hours
Publication ethics: definition, introduction and importance, best practices/standards setting initiatives and guidelines: COPE, WAME, Conflicts of interest, Publication misconduct: definition, concept, problems that lead to unethical Behavior and vice versa, types, Violation of publication ethics, authorship and contributor ship, Identification of publication misconduct, complaints and appeals, Predatory publishers and journals, Open access publications and initiatives, SHERPA/ROMEO online resource to check publisher copyright & self-archiving policies, Software tool to identify predatory publications developed by SPPU, Journal finder/journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, Subject specific ethical issues ,FFP, authorship, Conflicts of interest, Complaints and appeals: examples and fraud from India and abroad, Software tools, Use of plagiarism software like Turnitin, Urkund and other open source software tools, Indexing databases, Citation databases: Web of Science, Scopus Impact Factor of journal as per Journal Citation Report, SNIP, SIR, IPP, Cite Score, Metrics: h-index, g-index, i10 index, alt metrics		

Reference Books:

1. Bird, A. (2006). Philosophy of science. Routledge.
2. MacIntyre, Alasdair (1967)'A Short History of Ethics. London.
3. P. Chaddah, (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarized, ISBN:978-9387480865
4. National Academy of Sciences, National Academy of engineering and Institute of Medicine. (2009). On Being a Scientist: A Guide to Responsible Conduct in Research: Third edition. National Academies Press.
5. Resnik, D.B. (2011). What is ethics in research & why is it important? National Institute of Environmental Health Sciences
6. Indian National Science Academy (INSA), Ethics in Science Education, Research and Governance (2019), ISBN: 978-81-939482-1-7

Ph.D. Course Work**RES-III : Dissertation and Presentation**

Lectures	Tutorials	Practical	Credits
0	0	12	6

Scheme of Evaluation

Internal Evaluation	End Term Examination
100	50

Duration of End Term Examination: 02 Hours**Course Objectives:**

To develop students' ability to study subject-specific topics, prepare technical reports, and effectively present, discuss, and communicate ideas using professional presentation skills.

S.N.	Course Outcomes
CO1	Analyze a subject-specific topic through literature review and prepare a technical seminar report.
CO2	Present the research findings effectively using appropriate oral, written, and presentation skills

Course Content/Activities

- Selection of a subject-specific topic.
- Literature survey using books, journals, conference papers, and online databases.
- Collection, analysis, and organization of collected information.
- Preparation of report with proper referencing and citations.
- Preparation on the subject specific topic.
- Evaluation based on content, presentation skills, and communication.



Synopsis Guidelines

Mewar University
Chittorgarh, Rajasthan

(A typical Specimen of Cover Page & Title Page)

TITLE

 <1.0 line spacing>

A Synopsis

Submitted

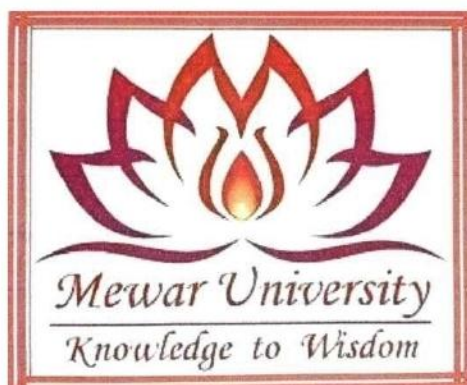
 <Italic>

In Partial Fulfillment of the Requirements for
the Degree of

 <1.0 line spacing>

DOCTOR OF PHILOSOPHY

<Arial>



(Name of Supervisor)
Supervisor

(Name of Research Scholar)
Research Scholar
MUR.....

DEPARTMENT OF

FACULTY OF

MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

<Arial> <1.0 line spacing>

Year



MEWAR UNIVERSITY

Gangrar, Chittorgarh (Rajasthan)
Website: www.mewaruniversity.org

GUIDELINES FOR THE Ph.D. SYNOPSIS FOR RESEARCH SCHOLAR(S)

1. Introduction -

The General Introduction may be related to the necessity and utility of the proposed research work for the Ph.D. Thesis, Importance of the proposed work should be highlighted

2. Location:-

- A. Institution/Department where the work is to be done.....
B. Geographical area of Investigation, if any.....

3. Important of the Proposed research: -

4. Literature Survey:-

The Second portion should be related to the literature survey including the recent development already carried out by various authors /Research Workers in the related Field on which the Research Scholar(s) wanted to be carried out for his/her Ph.D. thesis. The review of literature should lead to synthesis & identification of research gap.

5. Objectives and Scope/Hypothesis, Limitations of the present Investigations/Study:-

In this section the scholar is supposed to give the objectives (number wise) of the Research work related to his/her proposed PhD thesis. She/he is also supposed to give the scope/limitations of the investigations/study. In this section towards the end "Major Research Hypothesis should be developed.

6. Research Methodology/ Requirements of the Research Work:-

This section should be précised, focused and include the following

- Statement of Research Problem
- Research Design Sampling Design
- Data Collection strategy (Primary & Secondary methods)
- Planning of analysis of Data Plan about time scheduling of Research

7. Tentative Chapter wise details of the proposed research work:-

8. References/Bibliography:-

All latest references/ Bibliography which are referred in the text of the manuscript should be given in chronological order

- A. References must include the citations from review of literature
- B. Bibliography must include the citations from journals, books, magazines etc Both must follow APA Style or scientific/engineering methodology (eg IEEE method)

Note:

- A. Please use suitable numbering scheme in the synopsis, including references
- B. It Should be duly sign by Supervisor and Scholar



Half Yearly Progress Report Format

Mewar University
Chittorgarh, Rajasthan

Sub.: Half Yearly Progress Report of the PhD Scholar

To,

**The Director Research
Mewar University, Chittorgarh (Rajasthan)**

- Name of Scholar :
- Enrollment Number : MUR.....
- Name of the Guide :
- Subject/Topic/Area :
- Date of Joining/Registration : (Joining) (Registration)
- Progress Report Duration :
1. Work done in the last six months:
 2. Work to be done in the next six months:
 3. Research publication/paper presentation in conference/awards/submission of assignments/dissertation:
 4. Whether the scholar has more than 75% attendance in the department with Guide:
 5. Guide Comments on S.No. 1, 2, 3, 4:
 6. Overall performance of the Research scholar (Satisfactory/Unsatisfactory):
 7. Any other comments from the Guide:

Signature of Scholar

Name :

Date :

Signature of Supervisor

Name :

Date :



Student Research Advisory Committee (SRAC) Report Format

Mewar University
Chittorgarh, Rajasthan

Mewar University, Chittorgarh (Rajasthan)
Student Research Advisory Committee (SRAC) Report

Date: -.....

Research Scholar Name: -..... Enrollment No: -.....

The composition of SRAC is as given below

S. No	Name	Designation	Committee position
1.		Dean/Dy. Dean/HOD	Chairperson
2.		Supervisor	Convener
3.		Co-Supervisor (if any)	Ex-Office member
4.		Expert	Member
5.		Statistician/RM Expert	Member

Remarks by the SRAC:

(Supervisor/Co-Supervisor) (Expert) (Statistician/RM Expert) (Chairperson) (Director Research)



Pre-Submission Application Form

Mewar University
Chittorgarh, Rajasthan

Mewar University

NH-48, Gangrar, Chittorgarh, Rajasthan-312901

www.mewaruniversity.org

APPLICATION FORM

[Ph.D Pre-Thesis Submission Presentation]

Details of Scholar:

Name S/O/D/O

Date of Pre-RDC Date of RDC Enroll. No.

Course work Qualified: Yes/ NO Date of Issue of Grade Sheet: (Attach Copy of Grade Sheet)

Details of Fee Paid (Please Attach copy of Fee Receipt): Amount

Fee Receipt No. and Date

Title of Thesis:

Subject: Department: Faculty:

Details of Supervisor:

Name of Supervisor: Contact No.:

Name of Co-Supervisor: Contact No.:

Details of Publications in Refereed Journals :(Please attach copy of Published Papers)

1. Title of Paper:

Name of Journal (with Volume, Issue No., Year and Page No.):

ISSN No. of Journal: Journal Indexed at:

2. Title of Paper:

Name of Journal (with Volume, Issue No., Year and Page No.):

ISSN No. of Journal: Journal Indexed at:

I confirm that I have completed my thesis work and would like to present the same for Pre-Thesis submission presentation.

Date of Application:

Place: Chittorgarh

Name and Signature of Scholar

Contact No:

Supervisor Recommendation: The Scholar has completed his/her all research work as per approved synopsis and ready for his/her Pre-Thesis submission Presentation.

Date:

Signature of Supervisor:

Signature of Co-Supervisor

For office use only:



Ph.D. Thesis Preparation Manual

Mewar University

Chittorgarh, Rajasthan

Ph.D. THESIS PREPARATION MANUAL

1. GENERAL

The purpose of this manual is to provide broad guidelines to the research scholars for the preparation of their Ph.D. thesis. It lists the general and specific requirements for the thesis preparation including guidelines for structuring the contents. Further, for style, structure and presentation of a very special type of work specific to a particular field, the scholar may refer to additional style manuals or reference guides and to the published literature in their respective fields of study.

2. ARRANGEMENT OF THE CONTENTS OF THESIS

The sequence in which the thesis contents should be arranged and bound should be as follows:

1. Cover Page
2. Inner Cover Page/ Title Page
3. Candidate Certificate for Undertaking
4. Candidate Certificate for Self-Declaration
5. Certificate by Supervisors
6. Copy Right Transfer Certificate
7. Plagiarism Report
8. Acknowledgements
9. Abstract
10. Preface of the thesis
11. Table of Contents
12. List of Symbols, Figures and Tables, if any
13. Introduction
14. Literature Review
15. Chapters covering the work
16. Conclusions
17. References
18. Appendices
19. List of Publications
20. Copies of Manuscript/reprints of Papers
21. Supervisor's Profile

3. MANUSCRIPT PREPARATION

Cover Page: A specimen of the cover page is given in the format. It carries the pattern and font size required for cover page. The colour of cover page should be for different faculties as mentioned below.

S. No.	Name of Faculty	Colours of Cover Page of Thesis
1	Agriculture & Veterinary Sciences	Green
2	Alternative Therapy	Green
3	Paramedical Science	Green
4	Pharmaceutical Sciences	Green
5	Legal Studies	Pink
6	Management and Commerce	Pink
7	Computer Science and System Studies	Sky Blue
8	Engineering and Technology	Sky Blue
9	Science & Technology	Sky Blue
10	Education & Psychology	Yellow
11	Humanities, Social Science & Fine Arts	Yellow

Inner Cover Page/ Title Page: Colour print of the cover page on a thick and smooth white paper.

Candidate Certificate for Undertaking: The Certificate from Candidate should be there as per format shown on our website. The heading UNDERTAKING FROM THE CANDIDATE in Times New Roman font size 14 bold in the center of the page.

Candidate Certificate for Self-Declaration: The Certificate from Candidate should be there as per format available in declaration. The heading DECLARATION BY THE CANDITATE in Times New Roman font size 14 bold in the center of the page.

Certificate by Supervisor/Supervisors: The Certificate of Supervisor/supervisors of the thesis by the supervisor(s) should be there as per the format shown in certificate from the supervisors.

The heading CERTIFICATE FROM THE SUPERVISORS Times New Roman font size 14 bold in the center of the page. The certificate shall carry the supervisor's signature in original and shall be followed by the supervisor's name, academic designation as per format.

Copy Right Transfer Certificate: The copy right transfer certificate should be there as per format available duly signed by Research Scholar/ candidate.

Plagiarism Report: The scholars must check and scan his/her thesis completely with an authenticate plagiarism software before final submission and submit a certificate regarding same duly signed by scholar along with supervisor and co-supervisor.

Acknowledgements: Acknowledgements shall be brief and should not exceed one page when typed in single spacing Times New Roman with font size 12 within the specified margin of the

page. The signature of the candidate shall be made at the bottom right end above his/her name typed in title case

Abstract: Abstract should be an essay type of narration (up to 2000 words only) with single spacing Times New Roman with font size 12 within the specified margin of the page.

Preface of the Thesis: Preface should be an essay type of narration not exceeding four pages outlining the research problem, the methodology used, summary of the findings, possible applications of the research and suggestions/directions for future research.

Table of Contents: The table of contents should list all the contents following this section as per the format available.

List of Symbols, Figures and Tables, if any: The list of symbols, figures and tables should be placed in thesis as per format available.

Introduction: It should cover the background, statement of problems, definition, purpose of study, theoretical basis, and contribution of the study along with future perspectives.

Literature Review: It covers the chronological, categorical or related theoretical viewpoints related to topic or area of research.

Chapters covering the work: This part of thesis includes the research design and approach, methodology, experimental details, analytical study including data analysis with procedures, results and discussion of findings along with limitations.

Conclusions: This part summarizes the whole research efforts, purpose of study and research, importance of work along with future application and suggestions for further research and development in concern area. This must leaves an impression on the reader/expert/examiners.

References: References should as mentioned below pattern with numbering such as,

Books

[1] Abdul Kalam, A. P. J. and Tiwari, Arun, Wings of Fire: An Autobiography. Hyderabad, AP: Universities Press, 1999.

[2] Gadiya, Ashok Kumar, Bus ab Bahut ho, AP. New Delhi: Mewar University Press, 2015.

Article in Journal

[1] Vaidya, V. K., "Sensitized photo-oxidation of osazone by singlet oxygen," J. of Photochemistry and Photobiology A. 1994; 81(3), 135.

[2] Nelson, K. A., Davis, R. J., Lutz, D. R. and Smith, W., "Optical generation of tunable ultrasonic waves," Journal of Applied Physics. 2002; 53(2), 1144.

Appendices: Appendices in thesis are provided to give supplementary information, which if

included in the main text may serve as a distraction and could tend to dilute the central theme under discussion. It includes maps, questionnaires, raw data etc.

List of Publications: The candidate must provide a list of papers published, accepted and communicated by the research findings of the thesis and attach copy of reprint of published papers.

Supervisor's Profile: Complete Bio-Data using Publications in brief.

4. STYLE AND FORM (OTHER THAN HINDI AND SANSKRIT)

Paper: Use high-quality acid-free A4-size paper, with only one side of the paper.

Printing: A high-quality laser printer should be used for the final copy.

Headings: In disciplines where section numbering is normally used, the following guidelines apply Chapter title: 18 – 24 pt size, bold. Main Section Headings: can be numbered as chapter-number. Section-number (e.g., 3.2 for chapter 3, section 2) in 14 pt size, bold. Second Headings: can be numbered as x.y.z (e.g., 3.2.4 for chapter 3, section 2, and subsection 4) in 12 pt size, bold. First Subheadings: can be numbered as w.x.y.z (e.g., 3.2.4.1 for chapter 3, section 2, subsection 4, and sub-subsection 1) in 12 pt size, regular. Second Subheadings: preferably unnumbered, 12 pt, italics.

Text Font: Acceptable fonts generated by word processing programs include, but are not restricted to: Times Roman 12, Helvetica 12, and Letter Gothic 12. The font provided through LaTeX is acceptable. Bold and italics should not be used excessively in the text. Furthermore, colored text should not be used.

Spacing: Double or one and a half spacing is required for the text. Only footnotes, long quotations, bibliography entries (double space between entries), table captions, and similar special material may be single spaced.

Margins: Left, 4 cm; top, bottom, and right, 2.5 cm. These are necessary to allow for binding and trimming.

Page Numbering: Preliminary pages of the thesis, that is, those preceding the text are to be numbered in Roman numerals. The first page must not show its page number. Pages of the text itself and of all items following the text should be numbered consecutively throughout in Arabic numbers, beginning with number 1 on the first page of the first chapter. Page numbers should be placed in the center of the page. Only the number should appear, not page 9.

Tables and Figures: Figures and tables should be inserted at the appropriate place in the text. Figures must have numbers and captions under the figures. Tables have their titles and numbers above.

Drawings: Any material which cannot be typed or computer generated should be drawn with permanent black ink in neat and heavy lines. Photographs of drawings are acceptable. Xerox

reproductions of drawings are acceptable if they are of high contrast.

Photographs: Mount small photographs with glue. Do not use rubber cement or tape. High-clarity Xerox copies of photographs are also acceptable. However, high-quality scanned e-images can also be inserted into the thesis text.

Footnotes: In disciplines where footnotes are normally used, they should appear at the bottom of the same page as their reference. Footnotes should be numbered in Arabic numerals. The footnote reference is superscripted and the explanation at the bottom of the page begins with the footnote reference number. Footnotes should have a smaller font size than the text (e.g. 10 pt).

CDs and DVDs: identify with title, name of student, ID number and date. (6 CD and 2 Pen drive Required)

Computer Software: Describe in separate section in prefatory pages (e.g., list of figures and tables). If applicable, state requirements for the use of the software (e.g., hardware, screen resolution type) and any other information necessary for proper viewing of the software.

Oversized Material: Oversize foldout pages may be included, though ample margins for binding must be included. Leave oversize page unfolded. The bindery will fold and insert them. All pages must appropriately numbered if found in the text.

Binding: Seven copies of the thesis should be submitted in the research section as per given format.

5. STYLE AND FORM OF THESIS IN HINDI – (ONLY FOR HINDI AND SANSKRIT)

Paper: Use high-quality acid-free A4-size paper, with only one side of the paper.

Printing: A high-quality laser printer should be used for the final copy.

Headings: In disciplines where section numbering is normally used, the following guidelines apply: Chapter title: 18-24pt size, bold. Main Section Heading: can be numbered as chapter-number. Section number (e.g., 3.2 for chapter 3, section2) in 14pt size bold. Second Headings: can be numbered as x.y.z (e.g. 3.2.4 for chapter 3, section 2 and subsection 4) in 12pt size, bold. First Subheadings: can be numbered as w.x.y.z (e.g., 3.2.4.1 for Chapter 3, Section 2, subsection 4 and sub-subsection 1) in 12pt size, regular. Second Subheadings: preferably unnumbered, 12pt, italics.

Text Fond of thesis in Hindi: Should be M.S. Word 2007, Font- Kruti dev 010, size 16. Bold and italics should not be used excessively in the text. Furthermore, coloured text not be used.

Spacing: Double or one and half spacing is required for the text. Only footnotes, long quotations, bibliography entries (double space between entries), table captions, and similar special material may be single spaced.

Margins: Left, 4 cm; top, bottom and right, 2.5 cm. These are necessary to allow for binding and trimming.

Page Numbering: Preliminary pages of the thesis, that is, those preceding the text are to be numbered in Roman numerals. The first page must not show its page number. Page of the text itself and of all items following the text should be numbered consecutively throughout in Arabic numbers, beginning with number 1 on the first page of the first chapter. Page numbers should be placed in the lower right corner or center of the page. Only the number should appear, not page9.

Tables and Figures: Figures and tables should be inserted at the appropriate place in the text. Figures must have numbers and captions under the figures. Tables have their titles and numbers above.

Drawings: Any material which cannot be typed or computer generated should be drawn with permanent black ink in neat and heavy lines. Photographs of drawings are acceptable. Zerox reproductions of drawings are acceptable if they are of high contrast.

Photographs: Mount small photographs with glue. Do not use rubber cement or tape. High-clarity Xerox copies of photographs are also acceptable. However, high-quality scanned e-image can also be inserted into the thesis text.

6. ELECTRONIC THESES MAKING (CD/DVD)

Mandatory Submission of E- theses: It is mandatory to submit electronic version of theses as per the UGC guidelines 2009.

Submission format: ETD files should be submitted in Word & PDF format. These should be in text, searchable, readable and OCR format.

Conversion in PDF: Use any PDF converter (software) to convert any files into PDF format files.

Develop file naming: Each file has unique name that are convey the content of files being developed. Complete theses will have to converted in to separate files as the file name should be start with serial number like 01_Title, 02_Certificates...etc. The content, font size, format and page numbering of e-thesis/pdf version should be similar to the hard copy of theses.

Note: The number of files will be as per your thesis, and the file numbering may vary according to the content sequence and used number of chapters in your thesis.

Split PDF files into multiple documents: You can split one or more documents into multiple smaller documents. When splitting a document, you can specify the split by maximum number of pages, maximum file size, or top-level bookmarks.

For more details, please visit to <http://shodhganga.inflibnet.ac.in/>

(An example of split files along with chapter wise naming is given below)

Example of split files for final submission

File Name	Content
01_Title	Title page
02_ Certificates	Undertaking, Declaration, Supervisor's & copyright transfer certificates
03_Plagiarism Report	Plagiarism Report
04_Acknowledgement	Acknowledgement
05_Abstract	Abstract
06_Preface	Preface
07_Contents	Contents
08_Tables	Tables
09_Figures	Figures
10_Symbols, abbreviations	Symbols, abbreviations
11_Graphs, photographs, maps	Graphs, photographs, maps
12_Chapter 1	Chapter 1
13_Chapter 2	Chapter 2
14_Chapter 3	Chapter 3
15_Chapter 4	Chapter 4
16_Chapter 5	Chapter 5
17_ References	References & Bibliography
18_Appendix	Appendix
19_Publications	List & all Publications
20_Biography	Supervisor's profile

(A typical Specimen of Cover Page & Title Page)

TITLE

<1.0 line spacing>

A Thesis

Submitted

<Italic>

In Partial Fulfillment of the Requirements for the

Degree of

<1.0 line spacing>

DOCTOR OF PHILOSOPHY

<Arial>



Name of Supervisor

Supervisor

Name of Co-Supervisor

Co-Supervisor

(Name of Research Scholar)

Research Scholar

MUR.....

DEPARTMENT OF.....

FACULTY OF

MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

<Arial><1.0 line spacing>

Year

UNDERTAKING FROM THE SCHOLAR

This is to certify that I, _____ have completed the Ph.D. thesis work on the topic _____ under the supervision of Dr. (Supervisor) & Dr. _____ (Co-Supervisor) for the partial fulfilment of the requirement for the degree of Doctor of Philosophy, Mewar University, Gangrar, Chittorgarh, Rajasthan. This is an original piece of work & I have not submitted it earlier elsewhere.

Date:

Signature

Place:

Scholar Name

MUR.....

DECLARATION BY THE SCHOLAR

I,, certify that the work embodied in this Ph. D. thesis is my own Bonafide work carried out by me under the supervision of Dr..... (Supervisor) & Dr..... (Co-Supervisor) for a period of from to at Mewar University, Gangrar, Chittorgarh, Rajasthan. The matter embodied in this Ph. D. thesis has not been submitted elsewhere for the award of any other degree/diploma.

I declare that I have not wilfully lifted up some other's work, para, text, data, results, etc. reported in the journals, books, magazines, reports, dissertations, thesis, etc., or available at websites.

Date:

Signature

Place:

Scholar Name

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ACKNOWLEDGEMENT

ABSTRACT

PREFACE

TABLE OF CONTENTS

CHAPTE TITLE	PAGE No.
Declaration by the Scholar	i
Certificate by Supervisors	ii
Copyright Transfer Certificate	iii
Plagiarism Report	iv
Acknowledgment	v
Table of Contents	vi
List of Figure	vii
List of Table	viii
Abstract	ix
Preface	x
1 INTRODUCTION	1-35
1.1 Overview	1
1.2 HVAC Control System	7
1.2.1 Individual Systems	8
1.2.2 District Networks	9
2 REVIEW OF LITERATURE	36-90
2.1 Literature Survey	36
2.2 Research Motivation	39
2.3 Research Objectives	42
2.4 Problem Statement	43
2.5 Organization of Thesis	57
3 METHODOLOGY	91-118
3.1 HVAC Systems	91

4	RESULTS & DISCUSSION	119-147
4.1	Proposed	119
4.2	HVAC System Model	123
4.3	Cabin Subsystem	124
4.4	Evaporator	129
4.5	Heater Core	130
4.6	Simulation Model without Controller	134
5	CONCLUSION AND FUTURE SCOPE	148-152
5.1	Conclusion	148
5.2	Future Scope	151
	REFERENCES	153-172
	PUBLICATIONS	173
	APPENDICES	
	SUPERVISOR PROFILE	

**LIST OF TABLES, FIGURES, SYMBOLS/ABBREVIATIONS USED,
GRAPHS, PHOTOGRAPHS AND MAPS (if any)**

CHAPTERS SHOULD BE NUMBERED FOR EXAMPLE

CHAPTERS 1, CHAPTERS 2, CHAPTERS 3 WITH THE HEADING

REFERENCES

LIST OF PUBLICATIONS
PUBLISHED/ACCEPTED/COMMUNICATED

**COPIES OF REPRINTS/MANUSCRIPTS OF THE PAPERS PUBLISHED/
ACCEPTED/COMMUNICATED**

APPENDICES

**(ANY OTHER DATA, MATERIAL USED DURING THE RESEARCH
TO BE PUT AS AN APPENDIX)**

**SUPERVISOR'S PROFILE NOT EXCEEDING 200 WORDS ALONG
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विश्वविद्यालय अनुदान आयोग (पीएच.डी. उपाधि प्रदान करने हेतु न्यूनतम मानदण्ड और प्रक्रिया) विनियम, 2022

क्रम मि. सं० 1-3/2021 (क्यूआईपी).—विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 (1956 का 3) की धारा 26 की उप-धारा (1) के अनुच्छेद (च) एवं (छ) के द्वारा प्रदत्त अधिकारों का प्रयोग करते हुए और यूजीसी (एम.फिल./पीएच.डी. उपाधि प्रदान करने हेतु न्यूनतम मानदण्ड और प्रक्रिया) विनियम, 2016 और इसके संशोधनों के प्रतिस्थापन में विश्वविद्यालय अनुदान आयोग एतद्वारा निम्नवत विनियम बनाता है, नामतः —

1. लघु शीर्ष, अनुप्रयोग एवं प्रवर्तन—

- (1) इन विनियमों को विश्वविद्यालय अनुदान आयोग (पीएच.डी. उपाधि प्रदान करने हेतु न्यूनतम मानदण्ड और प्रक्रिया) विनियम, 2022 कहा जाएगा।
- (2) ये विनियम, ऐसे प्रत्येक विश्वविद्यालय पर लागू होंगे जो किसी केन्द्रीय अधिनियम, प्रांतीय अधिनियम अथवा राज्य अधिनियम के तहत स्थापित अथवा निगमित है, तथा ऐसा प्रत्येक महाविद्यालय जो विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 की धारा 3 के तहत मानित विश्वविद्यालय संस्थान है।
- (3) ये विनियम भारत के राजपत्र में अधिसूचित किए जाने की तिथि से लागू माने जाएंगे।

2. परिभाषाएं—

- (1) इन विनियमों में, जब तक कि संदर्भ से अन्यथा अपेक्षित न हो, —

क) “अधिनियम” का अर्थ विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 (1956 का 3) है;

ख) अनुबंधक संकाय” का अर्थ है एक अंशकालिक या आकस्मिक प्रशिक्षक, लेकिन पूर्णकालिक संकाय सदस्य नहीं, जो एक उच्चतर शिक्षण संस्थान द्वारा पढ़ाने के लिए नियुक्त किया गया

है;

ग) "संचित ग्रेड प्वाइंट औसत (सीजीपीए)" का अर्थ सभी सेमेस्टर में एक छात्र के समग्र संचित प्रदर्शन का परिणाम है। सीजीपीए सभी सेमेस्टर में विभिन्न पाठ्यक्रमों में एक छात्र द्वारा अर्जित कुल क्रेडिट अंकों तथा सभी सेमेस्टर में सभी पाठ्यक्रमों के कुल क्रेडिट के योग का अनुपात है। इसे दशमलव के दो स्थानों तक व्यक्त किया जाता है;

घ) "क्रेडिट" का अर्थ है एक सेमेस्टर की अवधि में प्रति सप्ताह आवश्यक शिक्षण के घंटों की संख्या। एक सेमेस्टर में तीन-क्रेडिट पाठ्यक्रम का अर्थ है प्रति सप्ताह एक घंटे के तीन व्याख्यान जिसमें प्रत्येक एक घंटे के व्याख्यान को एक क्रेडिट के रूप में गिना जा सकता है;

ङ) "महाविद्यालय" का अर्थ है उच्चतर शिक्षण और/या अनुसंधान में संलग्न एक संस्था, जिसे या तो किसी विश्वविद्यालय द्वारा इसकी घटक इकाई के रूप में स्थापित किया गया है या इससे संबद्ध है;

च) "आयोग" का अर्थ यूजीसी अधिनियम 1956 की धारा 4 के तहत स्थापित विश्वविद्यालय अनुदान आयोग है;

छ) "पाठ्यक्रम" का अर्थ उन विशिष्ट इकाइयों में से एक है जो अध्ययन के एक कार्यक्रम को शामिल करती हैं;

ज) "कोर्स वर्क" का अर्थ है स्कूल/विभाग/केंद्र द्वारा पीएच.डी. उपाधि के लिए पंजीकृत शोधार्थी के अध्ययन के लिए निर्धारित पाठ्यक्रम;

झ) "उपाधि" का अर्थ है अधिनियम की धारा 22 (3) के प्रावधानों के अनुसार किसी उच्चतर शिक्षण संस्थान द्वारा प्रदान की गई उपाधि;

ञ) "बाह्य परीक्षक" का अर्थ है एक शिक्षाविद/छात्रवृत्ति प्राप्त शोधकर्ता जो शोधकार्य प्रकाशित होने के साथ उस उच्चतर शिक्षण संस्थान में नियोजित नहीं है जहां पीएच.डी. शोधार्थी ने पीएच.डी. कार्यक्रम के लिए पंजीकरण कराया है;

ट) "विदेशी शैक्षिक संस्थान" का अभिप्राय— (प) उस देश में विधिवत स्थापित या निगमित ऐसे संस्थान से है जो अपने देश में स्नातक, स्नातकोत्तर और उच्च स्तर पर शैक्षिक कार्यक्रम पेश करता हो और (पप) जो पारंपरिक मुख्याभिमुख तरीके के माध्यम से डिग्री प्रदान करने के लिए अध्ययन के कार्यक्रम(ओं) की पेशकश करता हो, ना कि ऑनलाइन मुक्त एवं दूरस्थ ज्ञानार्जन माध्यम से।

ठ) "ग्रेड प्वाइंट" का अर्थ है 10-बिंदु पैमाने पर प्रत्येक अक्षर ग्रेड को आवंटित संख्यात्मक भार;

ड) "गाइड/शोध पर्यवेक्षक" का अर्थ है उच्चतर शिक्षण संस्थान द्वारा मान्यता प्राप्त एक शिक्षाविद/शोधकर्ता जो पीएच.डी. शोधार्थी और उसके शोध की निगरानी करे।

ढ) "उच्चतर शिक्षण संस्थान" का अर्थ इन विनियमों के विनियम 1 के खंड 2 के तहत विनिर्दिष्ट विश्वविद्यालय या संस्थान है;

ण) "अंतर्विषयक शोध" का अर्थ है दो या दो से अधिक शैक्षणिक विषयों में पीएच.डी. शोधार्थी द्वारा किया गया शोध;

त) "मुक्त एवं दूरस्थ ज्ञानार्जन माध्यम" का वही अर्थ होगा जो यूजीसी (मुक्त एवं दूरस्थ ज्ञानार्जन माध्यम एवं ऑनलाइन कार्यक्रमों) विनियम, 2020 के तहत परिभाषित है;

थ) ऑनलाइन माध्यम का वही अर्थ होगा जो यूजीसी (मुक्त एवं दूरस्थ ज्ञानार्जन माध्यम एवं ऑनलाइन कार्यक्रमों) विनियम, 2020 के तहत परिभाषित है;

द) "साहित्यिक चोरी" का अर्थ है किसी और के कार्य या विचार को स्वयं के मूल कार्य के रूप में प्रकाशित कराना।

ध) "कार्यक्रम" का अर्थ अधिनियम की धारा 22 की उप-धारा (3) के तहत आयोग द्वारा निर्दिष्ट उपाधि के लिए अपनाये जाने वाला उच्चतर शिक्षा कार्यक्रम है;

न) "विवरण-पुस्तिका" का अर्थ है कोई भी प्रकाशन, चाहे वह प्रिंट में हो या अन्यथा, उच्चतर शिक्षण संस्थान और कार्यक्रमों से संबंधित सर्वसाधारण जनता को (ऐसे उच्चतर शिक्षण संस्थानों में प्रवेश के इच्छुक हो) निष्पक्ष और गारदर्शी जानकारी प्रदान करने के लिए उच्चतर शिक्षण संस्थानों द्वारा जारी किया गया हो;

प) "शोध प्रस्ताव" का अर्थ है प्रस्तावित शोध कार्य की रूपरेखा देने वाला एक संक्षिप्त आलेख जो पीएच.डी. कार्यक्रम हेतु पंजीकरण के लिए आवेदन के साथ पीएच.डी. अभ्यर्थी द्वारा प्रस्तुत किया जाएगा;

फ) "विश्वविद्यालय" का अर्थ एक केंद्रीय अधिनियम, एक प्रांतीय अधिनियम, या एक राज्य अधिनियम द्वारा या उसके तहत स्थापित या निगमित एक उच्चतर शिक्षण संस्थान है, और इसमें अधिनियम की धारा 3 के तहत एक मानित विश्वविद्यालय के रूप में माना जाने वाला उच्चतर शिक्षण संस्थान शामिल होगा।

(2) इन विनियमों में प्रयुक्त और परिभाषित नहीं किए गए शब्दों और अभिव्यक्तियों, लेकिन अधिनियम में परिभाषित और इन विनियमों के अनुरूप नहीं हैं, उनका अर्थ क्रमशः उस अधिनियम में दिया जाएगा।

3. पीएच.डी.कार्यक्रम में प्रवेश के लिए पात्रता मानदण्ड — निम्नवत अभ्यर्थी पीएच.डी. कार्यक्रम में प्रवेश प्राप्त करने हेतु पात्र हैं :-

(1) वे अभ्यर्थी जिन्होंने पूरा कर लिया है:-

i). 4-वर्षीय/8-सेमेस्टर स्नातक उपाधि कार्यक्रम के बाद 1-वर्ष/2-सेमेस्टर स्नातकोत्तर उपाधि कार्यक्रम अथवा 3-वर्षीय स्नातक उपाधि कार्यक्रम के बाद 2-वर्षीय/4-सेमेस्टर स्नातकोत्तर उपाधि कार्यक्रम अथवा संबंधित सांविधिक निकाय द्वारा स्नातकोत्तर उपाधि के समकक्ष घोषित योग्यताएं, जहां कहीं भी ग्रेडिंग प्रणाली का पालन किया जाता है; अथवा एक मूल्यांकन और प्रत्यायन एजेंसी द्वारा मान्यता प्राप्त ऐसे विदेशी शैक्षणिक संस्थान से समकक्ष योग्यता, जो किसी प्राधिकरण द्वारा स्थापित, मान्यता प्राप्त या अधिकृत है, में कम से कम 55: अंकों के साथ या इसके समकक्ष ग्रेड में एक बिंदु पैमाने पर अथवा ऐसे प्रत्यायित विदेशी शैक्षणिक संस्थान से समकक्ष उपाधि प्राप्त की हो, जो कि किसी आकलन एवं प्रत्यायन एजेंसी द्वारा प्रत्यायित है, जोकि शैक्षणिक संस्थानों की गुणवत्ता एवं मानकों को सुनिश्चित करने एवं उनके आकलन, प्रत्यायन हेतु ऐसे किसी सांविधिक प्राधिकरण द्वारा अथवा ऐसे एक प्राधिकरण के अंतर्गत स्वीकृत एवं प्रत्यायित है जो कि उस देश में किसी कानून के अन्तर्गत स्थापित अथवा निगमित है।

अनुसूचित जाति/अनुसूचित जनजाति/अन्य पिछड़ा वर्ग (नॉन-क्रीमी लेयर)/दिव्यांग व्यक्ति, आर्थिक रूप से कमजोर वर्ग (ई.डब्ल्यू.एस) और अन्य श्रेणियों के अभ्यर्थियों को समय-समय पर विश्वविद्यालय अनुदान आयोग के निर्णय के अनुसार 5: अंकों अथवा ग्रेड में समतुल्य छूट प्रदान की जा सकती है।

बशर्ते, 4-वर्षीय/8-सेमेस्टर स्नातक उपाधि कार्यक्रम के बाद प्रवेश पाने के इच्छुक उम्मीदवार के न्यूनतम 75: अंक होने चाहिए या इसके समकक्ष ग्रेड एक पॉइंट स्केल में जहां भी ग्रेडिंग सिस्टम का पालन किया जाता है; अनुसूचित जाति/अनुसूचित जनजाति/अन्य पिछड़ा वर्ग (नॉन-क्रीमी लेयर)/दिव्यांग व्यक्ति, आर्थिक रूप से कमजोर वर्ग (ई.डब्ल्यू.एस) और अन्य श्रेणियों के उम्मीदवारों के लिए समय-समय पर आयोग के निर्णय के अनुसार 5: अंकों या ग्रेड में समतुल्य की छूट की अनुमति प्रदान की जा सकती है।

(2) एम.फिल. पाठ्यक्रम को कम से कम 55: अंकों के साथ उत्तीर्ण करने वाले अथवा जहाँ कहीं भी-ग्रेडिंग प्रणाली अपनाई जाती है वहाँ बिंदु मानक पर समतुल्य ग्रेड अथवा ऐसे प्रत्यायित विदेशी शैक्षणिक संस्थान से समकक्ष उपाधि प्राप्त की हो, जो कि किसी आकलन एवं प्रत्यायन एजेंसी द्वारा प्रत्यायित है, जोकि शैक्षणिक संस्थानों की गुणवत्ता एवं मानकों को सुनिश्चित करने एवं उनके आकलन, प्रत्यायन हेतु ऐसे किसी सांविधिक प्राधिकरण द्वारा अथवा ऐसे एक प्राधिकरण के अंतर्गत स्वीकृत एवं प्रत्यायित है जो कि उस देश में किसी कानून के अन्तर्गत स्थापित अथवा निगमित है, से समतुल्य योग्यता प्राप्त अभ्यर्थी पीएच.डी. कार्यक्रम में नामांकन के लिए पात्र होंगे।

4. कार्यक्रम की अवधि—

- (1) पीएच.डी. कार्यक्रम की अवधि कम से कम तीन (3) वर्ष की होगी, जिसमें पाठ्यक्रम से संबंधित कार्य (कोर्स वर्क) भी शामिल होगा तथा पीएच.डी. कार्यक्रम में प्रवेश की तिथि से अधिकतम अवधि छह (6) वर्ष होगी।
- (2) संबंधित उच्चतर शिक्षण संस्थान के सांविधि/अध्यादेश के अनुसार पुनः पंजीकरण की प्रक्रिया के माध्यम से अधिकतम दो (2) वर्ष का अतिरिक्त समय दिया जा सकता है; बशर्ते, कि पीएच.डी. कार्यक्रम पूरा करने की कुल अवधि पीएच.डी. कार्यक्रम में प्रवेश की तिथि से आठ (8) वर्ष से अधिक नहीं होना चाहिए।

बशर्ते कि, महिला पीएच.डी. शोधार्थियों एवं दिव्यांग व्यक्तियों (40: से अधिक विकलांगता वाले) को दो (2) वर्षों की अतिरिक्त छूट की अनुमति दी जा सकती है, हालांकि, पीएच.डी. कार्यक्रम पूरा करने की कुल अवधि ऐसे मामले में पीएच.डी. कार्यक्रम में प्रवेश की तारीख से दस (10) वर्ष से अधिक नहीं होना चाहिए।

- (3) महिला पीएच.डी. शोधार्थियों को पीएच.डी. कार्यक्रम की पूरी अवधि में 240 दिनों तक के लिए मातृत्व अवकाश/शिशु देखभाल अवकाश प्रदान किया जा सकता है।

5. प्रवेश की प्रक्रिया—

- (1) प्रवेश, यूजीसी और अन्य संबंधित वैधानिक/नियामक निकायों द्वारा जारी किए गए दिशा-निर्देशों/मानदंडों को ध्यान में रखते हुए, और केंद्र/राज्य सरकार द्वारा समय-समय पर जारी किए गए आरक्षण नीति का पालन करते हुए, संस्थान द्वारा अधिसूचित मानदंडों पर आधारित होगा।
- (2) पीएच.डी. कार्यक्रम में प्रवेश निम्नलिखित विधियों का उपयोग करके किया जा सकता है:
 - (क) उच्चतर शिक्षण संस्थान एक साक्षात्कार के आधार पर यूजीसी-नेट/यूजीसी-सीएसआईआर नेट/गेट/सीईईडी और इसी तरह के राष्ट्रीय स्तर के परीक्षाओं में अध्येतावृत्ति/छात्रवृत्ति के लिए अर्हता प्राप्त करने वाले छात्रों को प्रवेश दे सकते हैं।

और/या

- (ख) उच्चतर शिक्षण संस्थान अपने स्तर पर आयोजित प्रवेश परीक्षा के माध्यम से छात्रों को प्रवेश दे सकते हैं। प्रवेश परीक्षा में 50: प्रश्न शोध पद्धति तथा 50: विशिष्ट विषय के पूछे जाएंगे।
- (ग) प्रवेश परीक्षा में 50: अंक अर्जित करने वाले अभ्यर्थी साक्षात्कार के लिए बुलाए जाने के पात्र होंगे।
- (घ) आयोग द्वारा समय-समय पर लिए गए निर्णय के अनुसार अनुसूचित जाति/अनुसूचित जनजाति/अन्य पिछड़ा वर्ग/दिव्यांग वर्ग, आर्थिक रूप से कमजोर वर्ग (ई.डब्ल्यू.एस) और अन्य श्रेणियों के उम्मीदवारों के लिए प्रवेश परीक्षा में 5: अंकों की छूट की अनुमति दी जाएगी।
- (ङ) उच्चतर शिक्षण संस्थान उपलब्ध पीएच.डी. सीटों की संख्या के आधार पर साक्षात्कार के लिए बुलाए जाने वाले पात्र छात्रों की संख्या तय कर सकते हैं।
- (च) बशर्ते कि, उच्चतर शिक्षण संस्थान द्वारा आयोजित प्रवेश परीक्षा के आधार पर उम्मीदवारों के चयन के लिए, प्रवेश परीक्षा के लिए 70: और साक्षात्कार/मौखिक परीक्षा में प्रदर्शन के लिए 30: का महत्व दिया जाएगा।

(3) विश्वविद्यालय और महाविद्यालय जो पीएच.डी. कार्यक्रम चलाने के पात्र हैं, वे:

- i. दाखिले हेतु सीटों की संख्या, उपलब्ध सीटों का विषय/विषय-वार संवितरण, दाखिले का मानदंड, दाखिले की प्रक्रिया और अभ्यर्थियों के लिए अन्य सभी संगत जानकारी को निर्दिष्ट करते हुए संस्थान की वेबसाइट पर एक विवरण-पुस्तिका को पहले से ही सूचित करेंगे;
- ii. राष्ट्रीय/राज्य स्तरीय आरक्षण नीति का यथास्थिति अनुपालन करें।

- (4) उच्चतर शिक्षण संस्थान पीएच.डी. पर्यवेक्षकों की एक सूची का रख-रखाव (पर्यवेक्षक का नाम, उसका पदनाम और विभाग/स्कूल/केंद्र निर्दिष्ट करते हुए), पीएच.डी. के लिए पंजीकृत छात्रों के विवरण के साथ (पंजीकृत पीएच.डी. छात्र का नाम, उनके शोध का विषय और दाखिले की तारीख का उल्लेख करते हुए) अपने वेबसाइट पर अपलोड करेंगे और हर शैक्षणिक वर्ष में इस सूची को अद्यतन करेंगे।

6. शोध पर्यवेक्षक का निर्धारण—शोध पर्यवेक्षक, सह-पर्यवेक्षक बनने हेतु पात्रता मानदण्ड, प्रति पर्यवेक्षक के लिए अनुमेय पीएच.डी. शोधार्थियों की संख्या, आदि।

- (1) उच्चतर शिक्षण संस्थान के प्रोफेसर/एसोसिएट प्रोफेसर के रूप में काम करने वाले स्थायी संकाय सदस्य जिन्होंने पीएच.डी. प्राप्त करने के साथ पीयर-रिव्यू या संदर्भित पत्रिकाओं में कम से कम पांच शोध प्रकाशित किए हैं और उच्चतर शिक्षण संस्थानों में सहायक प्रोफेसर के रूप में काम करने वाले स्थायी संकाय सदस्य जो पीएच.डी. उपाधि धारक हो तथा जिसके द्वारा पीयर-रिव्यू या संदर्भित पत्रिकाओं में कम से कम तीन शोध प्रकाशन प्रकाशित किए गए हों उन्हें "वि"विद्यालय अथवा इसके संबद्ध स्नातकोत्तर महाविद्यालयों/संस्थानों में शोध पर्यवेक्षक के रूप में मान्यता दी जा सकती है जहां वे कार्यरत हैं। ऐसे मान्यता प्राप्त शोध पर्यवेक्षक अन्य संस्थानों में शोधार्थियों के पर्यवेक्षक नहीं हो सकते हैं, पर वहां वे केवल सह-पर्यवेक्षक के रूप में कार्य कर सकते हैं। अगर पीएच.डी. की एक उपाधि एक विश्वविद्यालय द्वारा एक ऐसे संकाय सदस्य की देखरेख में प्रदान की जाती है जो उस विश्वविद्यालय या उसके संबद्ध स्नातकोत्तर महाविद्यालयों/संस्थानों का कर्मचारी नहीं है, तो इसे इन विनियमों का उल्लंघन माना जाएगा।

केंद्र सरकार/राज्य सरकार के अनुसंधान संस्थानों में कार्यरत पीएच.डी. शोधार्थी जिनकी डिग्री उच्चतर शिक्षण संस्थानों द्वारा दी जाती है, ऐसे शोध संस्थानों के वैज्ञानिक जो प्रोफेसर/एसोसिएट प्रोफेसर/सहायक प्रोफेसर के समकक्ष हैं, उन्हें पर्यवेक्षक के रूप में मान्यता दी जा सकती है यदि वे उपरोक्त आवश्यक मापदंड को पूरा करते हैं।

बशर्ते कि उन क्षेत्रों/विषयों में जहां कोई पीयर-रिव्यू या संदर्भित पत्रिकाएँ नहीं हैं, या केवल सीमित संख्या में हैं, उच्चतर शिक्षण संस्थान लिखित रूप में उचित कारण दर्ज करते हुए शोध पर्यवेक्षक के रूप में किसी व्यक्ति की मान्यता के लिए उपरोक्त शर्त में छूट दे सकता है।

एक ही विभाग या एक ही संस्थान के अन्य विभागों या अन्य संस्थानों के सह-पर्यवेक्षकों को सक्षम प्राधिकारी के अनुमोदन से अनुमति दी जा सकती है।

अनुबंध संकाय सदस्य (एटजंक्ट फैकल्टी) शोध पर्यवेक्षक नहीं हो सकते, वे केवल सह-पर्यवेक्षक के रूप में कार्य कर सकते हैं।

- (2) अंतर्विषयक/बहुविषयक अनुसंधान कार्य के मामले में, यदि आवश्यक हो, विभाग/स्कूल/केंद्र/महाविद्यालय/विश्वविद्यालय के बाहर से एक सह-पर्यवेक्षक नियुक्त किया जा सकता है।
- (3) किसी एक समय में एक पात्र प्रोफेसर/एसोसिएट प्रोफेसर/सहायक प्रोफेसर क्रमशः आठ (8)/छह (6)/चार (4) पीएच.डी. छात्रों का मार्गदर्शन कर सकते हैं।
- (4) विवाह अथवा अन्यथा किसी कारण से किसी पीएच.डी.महिला शोधार्थी के अन्यत्र चले जाने पर, शोध आंकड़ों को ऐसे उच्चतर शिक्षण संस्थान को अंतरित करने की अनुमति होगी जहाँ शोधार्थी पुनः जाना चाहे बशर्ते कि इन विनियमों के अन्य सभी निबंधन और शर्तों का शब्दशः पालन किया जाए तथा शोध किसी मूल संस्थान/पर्यवेक्षक द्वारा किसी वित्त पोषण एजेंसी से प्राप्त न किया गया हो। तथापि, शोधार्थी मूल संस्थान के मार्गदर्शन तथा संस्थान के पूर्व में किए गए शोध कार्य के लिए उसे पूर्ण श्रेय देगा।
- (5) ऐसे संकाय सदस्य जिनकी सेवानिवृत्ति को तीन वर्ष से कम की अवधि बची है उन्हें अपने पर्यवेक्षण में नए शोधार्थियों को लेने की अनुमति नहीं होगी। बशर्ते कि, हालाँकि, ऐसे संकाय अपनी सेवानिवृत्ति तक पहले से ही पंजीकृत शोधार्थियों का पर्यवेक्षण जारी रख सकते हैं और सेवानिवृत्ति के पश्चात् सह-पर्यवेक्षक के रूप में 70 वर्ष की आयु प्राप्त करने तक ही कार्य कर सकते हैं उसके बाद नहीं।

7. अंतर्राष्ट्रीय छात्रों का पीएच.डी. कार्यक्रमों में प्रवेश —

- (1) प्रत्येक पर्यवेक्षक पीएच.डी. शोधार्थियों की अनुमति संख्या के ऊपर दो अंतर्राष्ट्रीय शोधार्थियों को एक अतिरिक्त आधार पर मार्गदर्शन कर सकता है, जैसा कि ऊपर खंड 6.3 में निर्दिष्ट है।
 - (2) उच्चतर शिक्षण संस्थान संबंधित सांविधिक/नियामक निकायों द्वारा समय-समय पर जारी दिशा-निर्देशों/मानदंडों को ध्यान में रखते हुए अंतर्राष्ट्रीय छात्रों का पीएच.डी. में दाखिले के लिए अपनी चयन प्रक्रिया स्वयं तय कर सकते हैं।
8. किसी भी समय, पीएच.डी. छात्रों की कुल संख्या, एक संकाय सदस्य के अधीन या तो पर्यवेक्षक या सह-पर्यवेक्षक के रूप में छात्रों की संख्या खंड 6.3 और खंड 7.1 में निर्धारित संख्या से अधिक नहीं होगी।

9. कोर्स वर्क— क्रेडिट आवश्यकताएं, संख्या, अवधि, पाठ्यक्रम, पूरा करने के लिए न्यूनतम मानदण्ड आदि।

- (1) पीएच.डी. कोर्स वर्क के लिए कम से कम 12 क्रेडिट की आवश्यकता होगी, जिसमें “शोध और प्रकाशन नैतिकता” कोर्स, जैसा कि यूजीसी द्वारा डी.ओ. मि० सं० 1-1/2018 (जर्नल/केयर) 2019 में अधिसूचित है और जिसमें एक शोध पद्धति पाठ्यक्रम शामिल है। शोध सलाहकार समिति पीएच.डी. कार्यक्रम के लिए क्रेडिट आवश्यकताओं के हिस्से के रूप में यूजीसी द्वारा मान्यता प्राप्त ऑनलाइन पाठ्यक्रमों की सिफारिश भी कर सकती है।
- (2) सभी पीएच.डी. शोधार्थी को अपने डॉक्टरेट अवधि के दौरान अध्ययन के विषय की परवाह किए बिना अपने चुने हुए पीएच.डी. विषय से संबंधित शिक्षण/शिक्षा/शिक्षाशास्त्र/लेखन में प्रशिक्षण प्राप्त करने होंगे। पीएच.डी. शोधार्थियों को ट्यूटोरियल या प्रयोगशाला कार्य और मूल्यांकन के संचालन के लिए प्रति सप्ताह 4-6 घंटे शिक्षण/शोध सहायक के कार्य भी सौंपे जा सकते हैं।
- (3) एक पीएच.डी. शोधार्थी को पीएच.डी. कार्यक्रम को जारी रखने और अपनी शोध प्रबंधन (थीसिस) जमा करने हेतु पात्र होने के लिए न्यूनतम 55 अंक या यूजीसी 10-पॉइंट स्केल में इसके समकक्ष ग्रेड प्राप्त करना होगा।

10. शोध सलाहकार समिति और उसके कार्य—

- (1) प्रत्येक पीएच.डी. छात्र के लिए एक शोध सलाहकार समिति होगी या समकक्ष निकाय, जैसा कि संबंधित उच्च शिक्षा संस्थान के कानूनों/अध्यादेशों में परिभाषित किया गया है। पीएच.डी. शोधार्थी के शोध पर्यवेक्षक इस समिति के संयोजक होंगे और इस समिति के उत्तरदायित्व निम्नवत् होंगे:
 - i. शोध प्रस्ताव की समीक्षा करना और शोध के शीर्षक को अंतिम रूप देना।
 - ii. शोधार्थी को अध्ययन ढाँचे तथा शोध पद्धति को विकसित करने के लिए मार्गदर्शन प्रदान करना तथा उसके द्वारा पूर्ण किए जाने वाले पाठ्यक्रम (ओं) की पहचान कराना।
 - iii. पीएच.डी. शोधार्थी के शोध कार्य की प्रगति की आवधिक समीक्षा और प्रगति में सहायता करना।
- (2) प्रत्येक सेमेस्टर में एक बार पीएच.डी. शोधार्थी शोध सलाहकार समिति के समक्ष उपस्थित होकर मूल्यांकन तथा आगे का मार्गदर्शन प्राप्त करने के लिए अपने कार्य की प्रगति पर एक संक्षिप्त रिपोर्ट जमा करेंगे और प्रस्तुति देंगे। शोध सलाहकार समिति पीएच.डी. शोधार्थी की प्रगति रिपोर्ट की एक प्रति के साथ अपनी सिफारिशें संबंधित उच्चतर शिक्षण संस्थान को प्रस्तुत करेगी। ऐसी सिफारिशों की एक प्रति पीएच.डी. शोधार्थी को भी उपलब्ध कराई जाएगी।
- (3) यदि पीएच.डी. शोधार्थी की प्रगति असंतोषजनक हो तो, शोध सलाहकार समिति इसके कारणों को दर्ज करेगी और सुधारात्मक उपाय सुझाएगी। यदि पीएच.डी. शोधार्थी इन सुधारात्मक उपायों को कार्यान्वित करने में विफल रहता है तो शोध सलाहकार समिति विशिष्ट कारण दर्ज कर पीएच.डी. शोधार्थी के पंजीकरण को रद्द करने की सिफारिश कर सकती है।

11. उपाधि प्रदान करने के लिए मूल्यांकन तथा निर्धारण पद्धतियाँ न्यूनतम मानदण्ड/क्रेडिट, आदि—

- (1) पाठ्यक्रम का काम संतोषजनक ढंग से पूरा करने और उपरोक्त विनियम 9 के खंड (3) में विहित अंक/ग्रेड प्राप्त करने पर, पीएच.डी. शोधार्थी को शोध कार्य करने और एक मसौदा शोध प्रबंध/थीसिस प्रस्तुत करने की आवश्यकता होगी।
- (2) शोध प्रबंध/थीसिस जमा करने से पूर्व, पीएच.डी. शोधार्थी संबंधित उच्चतर शिक्षण संस्थान की शोध सलाहकार समिति के समक्ष एक प्रस्तुति देगा जिसमें सभी संकाय सदस्य तथा अन्य शोधार्थी/विद्यार्थी उपस्थित होंगे।
- (3) संबंधित उच्चतर शिक्षण संस्थान के पास शोध कार्य में साहित्यिक चोरी का पता लगाने के लिए सुविकसित सॉफ्टवेयर अनुप्रयोगों का उपयोग करने वाला एक तंत्र का होना आवश्यक है और शोध सत्यनिष्ठा पीएच.डी. उपाधि प्रदान करने के निमित्त सभी शोध गतिविधियों का एक अभिन्न अंग होगा।
- (4) पीएच.डी. शोधार्थी मूल्यांकन हेतु शोध प्रबंध/थीसिस प्रस्तुत करेगा, जिसके साथ (क) शोधार्थी से एक वचनबद्धता प्राप्त करना होगा जिसमें यह आश्वासन दिया जाएगा कि किसी भी प्रकार की कोई साहित्यिक चोरी नहीं हुई है और, (ख) शोध पर्यवेक्षक द्वारा शोध प्रबंध/थीसिस की मौलिकता के अनुप्रमाणन स्वरूप एक प्रमाण पत्र जमा करना होगा, जिसमें यह आश्वासन दिया जाएगा कि यह शोध प्रबंध किसी अन्य उच्चतर शिक्षण संस्थान में किसी अन्य उपाधि/डिप्लोमा के पाठ्यक्रम करने के लिए थीसिस जमा नहीं किया गया है।
- (5) किसी भी पीएच.डी. शोधार्थी द्वारा प्रस्तुत पीएच.डी. शोध प्रबंध/थीसिस का मूल्यांकन उसके शोध पर्यवेक्षक और कम से कम दो ऐसे बाह्य परीक्षकों द्वारा किया जाएगा जो संबंधित क्षेत्र में विशेषज्ञ हो और संबंधित उच्चतर शिक्षण संस्थान में नियोजित नहीं हो। ऐसे परीक्षक वे शिक्षाविद होंगे जिनको संबंधित विषय क्षेत्र में विद्वतापूर्ण प्रकाशन की सुकीर्ति प्राप्त हो। यथासंभव, बाह्य परीक्षकों में से एक को भारत के बाहर से चुना जाना चाहिए। मौखिक परीक्षा में बोर्ड में शोध पर्यवेक्षक और दो बाह्य परीक्षकों में से कम से कम एक शामिल होगा और यह ऑनलाइन मोड में आयोजित किया जा सकता है। मौखिक परीक्षा में शोध सलाहकार समिति के सदस्यगण/संकाय सदस्य/शोध अन्य शोधार्थियों तथा छात्र भाग ले सकते हैं, उच्चतर शिक्षण संस्थान इस विनियम के प्रावधानों को लागू करने के लिए उपयुक्त नियम/अध्यादेश तैयार कर सकते हैं।
- (6) शोध प्रबंध/थीसिस के पक्ष में शोधार्थी की मौखिक परीक्षा केवल उस स्थिति में आयोजित की जाएगी जब दोनों बाह्य परीक्षक उनके द्वारा सुझाए गए सुधारों को शामिल करने के बाद थीसिस को स्वीकार करने की सिफारिश करते हैं। यदि इन बाह्य परीक्षकों में से कोई एक अस्वीकृति की सिफारिश करता है, तो संबंधित उच्चतर शिक्षण संस्थान परीक्षकों के अनुमोदित पैनल से एक वैकल्पिक बाह्य परीक्षक को थीसिस भेजेगा और मौखिक परीक्षा केवल तभी

आयोजित की जाएगी जब वैकल्पिक परीक्षक थीसिस की स्वीकृति की सिफारिश करता है। यदि वैकल्पिक परीक्षक थीसिस की स्वीकृति की अनुशंसा नहीं करता है, तो थीसिस को अस्वीकार कर दिया जाएगा, और पीएच.डी. शोधार्थी को पीएच.डी. के अवार्ड के लिए अपात्र घोषित कर दिया जाएगा।

- (7) संबंधित उच्चतर शिक्षण संस्थान पीएच.डी. के मूल्यांकन की पूरी प्रक्रिया वाइवा-वॉयस परिणाम की घोषणा सहित पीएच.डी. थीसिस, थीसिस जमा करने की तारीख से छह (6) महीने की अवधि के भीतर पूरी करेगा।

12. पीएच.डी. कार्यक्रमों को प्रस्तुत करने के लिए महाविद्यालयों द्वारा पूर्ण की जाने वाली शैक्षणिक, अनुसंधान, प्रशासनिक और अवसंरचनात्मक अपेक्षाएं—

- (1) वे स्नातकोत्तर महाविद्यालय जो 4-वर्षीय स्नातक कार्यक्रम और/या स्नातकोत्तर कार्यक्रम चलाते हैं, पीएच.डी. कार्यक्रम चला सकते हैं। बशर्ते, वे इन विनियमों के अनुरूप पात्र शोध पर्यवेक्षकों, अपेक्षित अवसंरचना तथा सहायक प्रशासनिक और अनुसंधान सुविधाओं की उपलब्धता को सुनिश्चित करते हों।
- (2) केंद्र सरकार या राज्य सरकार द्वारा स्थापित वे महाविद्यालय और शोध संस्थान जिनकी डिग्री उच्चतर शिक्षण संस्थानों द्वारा प्रदान की जाती है, पीएच.डी. कार्यक्रम की पेशकश कर सकेंगे, बशर्ते कि उनके पास:—
 - i. एक महाविद्यालय में कम से कम दो संकाय सदस्य या शोध संस्थान में दो पीएच.डी. उपाधि धारक वैज्ञानिक होने चाहिए।
 - ii. उच्चतर शिक्षण संस्थान द्वारा निर्दिष्ट पर्याप्त बुनियादी ढांचा, प्रशासनिक सहायता, अनुसंधान सुविधाएं और पुस्तकालय संसाधन की व्यवस्था हो।

13. अंशकालिक शिक्षा पद्धति के माध्यम से पीएच.डी.—

- (1) अंशकालिक पद्धति के माध्यम से पीएच.डी. कार्यक्रमों को चलाने की अनुमति दी जाएगी बशर्ते इन विनियमों में विनिर्दिष्ट सभी शर्तें पूरी हों।
- (2) संबंधित उच्चतर शिक्षण संस्थान को अंशकालिक पीएच.डी. के लिए अभ्यर्थी के माध्यम से उस संस्थान के सक्षम अधिकारी द्वारा निर्गत एक "अनापत्ति प्रमाण पत्र" प्राप्त करना होगा जहां अभ्यर्थी कार्यरत है और जिसमें यह स्पष्ट रूप से यह उल्लेख किया गया हो कि:
 - i. उम्मीदवार को अंशकालिक आधार पर अध्ययन करने की अनुमति है।
 - ii. उनके आधिकारिक कर्तव्य उन्हें शोध के लिए पर्याप्त समय देने की अनुमति देते हैं।
 - iii. यदि आवश्यक हुआ तो उन्हें कोर्स बर्क पूरा करने के लिए कार्यभार से मुक्त कर दिया जाएगा।
- (3) वर्तमान में लागू इन विनियमों अथवा किसी अन्य कानून में अंतर्विष्ट किसी भी बात के बावजूद, कोई भी उच्चतर शिक्षण संस्थान या केंद्र सरकार या राज्य सरकार का शोध संस्थान दूरस्थ और/या ऑनलाइन पद्धति के माध्यम से पीएच.डी. पाठ्यक्रम नहीं चलाएगा।

14. एम.फिल.उपाधि की स्वीकृति— उच्चतर शिक्षण संस्थान एम.फिल.(मास्टर ऑफ फिलॉसफी) उपाधि प्रदान नहीं करेंगे।

15. अनंतिम प्रमाणपत्र जारी करना— उपाधि को वास्तव में प्रदान करने से पूर्व उपाधि प्रदान करने वाला उच्चतर शिक्षा संस्थान इस आशय का एक अनंतिम प्रमाणपत्र जारी करेगा कि उपाधि, इन विनियमों के प्रावधानों के अनुरूप प्रदान की गई है।

16. इन विनियमों की अधिसूचना से पूर्व पीएच.डी. उपाधि प्रदान करना— इन विनियमों के अधिनियमन से पहले शुरू होने वाले एम.फिल. उपाधि कार्यक्रम इन विनियमों की किसी भी बात से अप्रभावित रहेगा। ऐसे अभ्यर्थी जो पीएच.डी. पाठ्यक्रमों के लिए 11 जुलाई, 2009 को अथवा उसके पश्चात, इन विनियमों की अधिसूचना तक पंजीकृत हुए थे, ऐसे अभ्यर्थी को उपाधि प्रदान किया जाना, यू.जी.सी. (एम.फिल./पीएच.डी. उपाधि प्रदान करने के न्यूनतम मानक और प्रक्रिया) विनियम, 2009 अथवा विश्वविद्यालय अनुदान आयोग (एम.फिल./पीएच.डी. उपाधि प्रदान करने हेतु न्यूनतम मानदण्ड और प्रक्रिया) विनियम, 2016, जैसा भी मामला हो इसके अलावा) पहले से पंजीकृत एवं पीएच.डी. कर रहे उम्मीदवारों को उपाधि प्रदान करने के लिए इन विनियमों या विश्वविद्यालय अनुदान आयोग (एम.फिल./पीएच.डी. उपाधि प्रदान करने हेतु न्यूनतम मानदण्ड और प्रक्रिया) विनियम 2016 के प्रावधानों द्वारा शासित होंगे। इन विनियमों के अधिनियमन से पहले प्रारंभ एम.फिल. उपाधि कार्यक्रम का इन विनियमों से कोई प्रभाव नहीं पड़ेगा।

17. **इनफिलबनेट के साथ डिपॉजिटरी**— पीएच.डी. उपाधि(यों) को अवार्ड करने हेतु मूल्यांकन प्रक्रिया के सफल समापन के पश्चात् तथा पीएच.डी. उपाधि को प्रदान किये जाने की घोषणा से पूर्व, संबंधित उच्चतर शिक्षण संस्थान पीएच.डी. शोध प्रबंधन की इलेक्ट्रॉनिक प्रति इनफिलबनेट के पास प्रदर्शित (होस्ट) करने के लिए जमा करेगा ताकि सभी उच्चतर और अनुसंधान संस्थानों को यह सुलभ हो।

रजनीश जैन, सचिव

[विज्ञापन-III/4/असा./367/2022-23]

**UNIVERSITY GRANTS COMMISSION
NOTIFICATION**

New Delhi, the 7th November, 2022

**University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree)
Regulations, 2022**

No. F. No. 1-3/2021(QIP).—In exercise of the powers conferred by clauses (f) and (g) of sub-section (1) of section 26 of the University Grants Commission Act, 1956 (3 of 1956), and in supersession of the UGC (Minimum Standards and Procedure for Awards of M.Phil. /Ph.D. Degree) Regulations, 2016 and its amendments, the University Grants Commission hereby makes the following Regulations, namely: -

1. Short title, Application, and Commencement. –

- (1) These Regulations may be called University Grants Commission (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations, 2022.
- (2) They shall apply to every university established or incorporated by or under a Central Act, a Provincial Act, or a State Act, every college, and every institution deemed to be a University under section 3 of the University Grants Commission Act, 1956.
- (3) They shall come into force from the date of their publication in the Gazette of India.

2. Definitions.- (1) In these Regulations, unless the context otherwise requires,-

- a) “Act” means the University Grants Commission Act, 1956 (3 of 1956);
- b) “Adjunct Faculty” means a part-time or contingent instructor, but not full-time faculty member hired to teach by a Higher Educational Institution;
- c) “Cumulative Grade Point Average (CGPA)” means a measure of the overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all semesters. It is expressed up to two decimal places;
- d) “Credit” means the number of hours of instruction required per week over the duration of a semester. A three-credit course in a semester means three one-hour lectures per week, with each one-hour lecture counted as one credit;
- e) “College” means an institution engaged in higher education and/or research, either established by a University as its constituent unit or is affiliated with it;
- f) “Commission” means the University Grants Commission established under Section 4 of the UGC Act 1956;
- g) “Course” means one of the specified units which go to comprise a programme of study;
- h) “Course Work” means courses of study prescribed by the School/Department/ Centre to be undertaken by a student registered for the Ph.D. Degree;
- i) “Degree” means a degree awarded by a Higher Educational Institution in accordance with the provisions of section 22 (3) of the Act;
- j) “External examiner” means an academician/researcher with published research work who is not part of the Higher Educational Institution where the Ph.D. scholar has registered for the Ph.D. programme;
- k) “Foreign Educational Institution” means—(i) an institution duly established or incorporated in its home

country and offering educational programmes at the undergraduate, postgraduate and higher levels in its home country and (ii) which offers programme(s) of study leading to the award of a degree through conventional face-to-face mode, but excluding distance, online, ODL mode;

- l) "Grade Point" means a numerical weight allotted to each letter grade on a 10-point scale;
- m) "Guide/Research Supervisor" means an academician/researcher recognized by Higher Educational Institution to supervise the Ph.D. scholar for his/her research;
- n) "Higher Educational Institution" means a university or institution specified under clause 2 of Regulation 1 of these Regulations;
- o) "Interdisciplinary Research" means research conducted by a Ph.D. scholar in two or more academic disciplines;
- p) "Open and Distance Learning Mode" shall have the same meaning as defined under the UGC (Open and Distance Learning Programmes and Online Programmes) Regulations 2020;
- q) "Online Mode" shall have the same meaning as defined under the UGC (Open and Distance Learning Programmes and Online Programmes) Regulations 2020;
- r) "Plagiarism" means the practice of taking someone else's work or idea and passing them as one's own;
- s) "Programme" means a higher education programme pursued for a degree specified by the Commission under sub-section (3) of section 22 of the Act;
- t) "Prospectus" means any document, whether in print or otherwise, issued for providing fair and transparent information relating to a Higher Educational Institution and programmes, to the general public (including to those seeking admission in such Higher Educational Institutions) by the Higher Educational Institutions;
- u) "Research Proposal" means a brief write-up giving an outline of the proposed research work which the Ph.D. scholar shall submit along with the application for registration for Ph.D. programme;
- v) "University" means a Higher Educational Institution established or incorporated by or under a Central Act, a Provincial Act, or a State Act, and shall include any institution for higher education deemed to be a University under Section 3 of the Act.

(2) Words and expressions used and not defined in these Regulations but defined in Act and not consistent with these Regulations shall have the meanings assigned to them in that Act.

3. Eligibility criteria for admission to the Ph.D. Programme.—The following are eligible to seek admission to the Ph.D. programme:

(1) Candidates who have completed:

- i. A 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme 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 in a point scale 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.

A relaxation of 5% marks 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.

Provided that a candidate seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75% marks in aggregate or its equivalent grade on a point scale wherever the grading system is followed. A relaxation of 5% marks 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.

(2) Candidates who have completed the M.Phil. programme with at least 55% marks in aggregate or its

equivalent grade in a point scale 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 educational institutions, shall be eligible for admission to the Ph.D. programme. A relaxation of 5% marks 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.

4. Duration of the Programme.- (1) Ph.D. Programme shall be for a minimum duration of three

(3) years, including course work, and a maximum duration of six (6) years from the date of admission to the Ph.D. programme.

(2) A maximum of an additional two (2) years can be given through a process of re-registration as per the Statute/Ordinance of the Higher Educational Institution concerned; provided, however, that the total period for completion of a Ph.D. programme should not exceed eight (8) years from the date of admission in the Ph.D. programme.

Provided further that, female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. programme in such cases should not exceed ten (10) years from the date of admission in the Ph.D. programme.

(3) Female Ph.D. Scholars may be provided Maternity Leave/Child Care Leave for up to 240 days in the entire duration of the Ph.D. programme.

5. Procedure for admission. -

(1) 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.

(2) Admission to the Ph.D. programme shall be made using the following methods:

i. HEIs may admit students who qualify for fellowship/scholarship in UGC-NET/UGC- CSIR NET/GATE/CEED and similar National level tests based on an interview.

And/or

ii. HEIs may admit students through an Entrance Test conducted at the level of the individual HEI. The Entrance Test syllabus shall consist of 50% of research methodology, and 50% shall be subject-specific.

iii. Students who have secured 50 % marks in the entrance test are eligible to be called for the interview.

iv. A relaxation of 5 % marks will be allowed in the entrance examination for the candidates belonging to SC/ST/OBC/differently-abled category, Economically Weaker Section (EWS), and other categories of candidates as per the decision of the Commission from time to time.

v. HEIs may decide the number of eligible students to be called for an interview based on the number of Ph.D. seats available.

vi. Provided that for the selection of candidates based on the entrance test conducted by the HEI, a weightage of 70 % for the entrance test and 30 % for the performance in the interview/viva- voce shall be given.

(3) Universities and Colleges which are eligible to conduct Ph.D. programmes, shall:

i. Notify a prospectus well in advance on the institution's website specifying the number of seats for admission, subject/discipline-wise distribution of available seats, criteria for admission, the procedure for admission, and all other relevant information for the candidates;

ii. Adhere to the National/State-level reservation policy, as applicable.

(4) The Higher Educational Institution shall maintain a list of Ph.D. supervisors (specifying the name of the supervisor, his or her designation, and the department/school/centre), along with the details of Ph.D. scholars (specifying the name of the registered Ph.D. scholar, the topic of his/her research and the date of

admission) admitted under them on the website of the institution and update this list every academic year.

6. Allocation of Research Supervisor.- Eligibility criteria to be a Research Supervisor, Co-Supervisor, Number of Ph.D. scholars permissible per supervisor, etc.

- (1) Permanent faculty members working as Professor/Associate Professor of the Higher Educational Institution with a Ph.D., and at least five research publications in peer-reviewed or refereed journals and permanent faculty members working as Assistant Professors in Higher Educational Institutions with a Ph.D., and at least three research publications in peer-reviewed or refereed journals may be recognized as a Research Supervisor in the university where the faculty member is employed or in its affiliated Post-graduate Colleges/institutes. Such recognized research supervisors cannot supervise research scholars in other institutions, where they can only act as co-supervisors. Ph.D. awarded by a university under the supervision of a faculty member who is not an employee of the university or its affiliated Post-graduate Colleges/institutes would be in violation of these Regulations.

For Ph.D. scholars working in Central government/ State government research institutions whose degrees are given by Higher Educational Institutions, the scientists in such research institutions who are equivalent to Professor/Associate Professor/Assistant Professor can be recognized as supervisors if they fulfill the above requirements.

Provided that in areas/disciplines where there is no, or only a limited number of peer-reviewed or refereed journals, the Higher Educational Institution may relax the above condition for recognition of a person as Research Supervisor with reasons recorded in writing.

Co-Supervisors from within the same department or other departments of the same institution or other institutions may be permitted with the approval of the competent authority.

Adjunct Faculty members shall not act as Research Supervisors and can only act as co-supervisors.

- (2) In case of interdisciplinary/multidisciplinary research work, if required, a Co-Supervisor from outside the Department/School/Centre/College/University may be appointed.
- (3) An eligible Professor/Associate Professor/Assistant Professor can guide up to eight (8) / six (6) / four (4) Ph.D. scholars, respectively, at any given time.
- (4) In case of relocation of a female Ph.D. scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the Higher Educational Institution to which the scholar intends to relocate, provided all the other conditions in these Regulations are followed, and the research work does not pertain to a project sanctioned to the parent Institution/Supervisor by any funding agency. Such scholar shall, however, give due credit to the parent institution and the supervisor for the part of research already undertaken.
- (5) Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision. However, such faculty members can continue to supervise Ph.D. scholars who are already registered until superannuation and as a co-supervisor after superannuation, but not after attaining the age of 70 years.

7. Admission of International students in Ph.D. programme.-

- (1) Each supervisor can guide up to two international research scholars on a supernumerary basis over and above the permitted number of Ph.D. scholars as specified in clause 6.3 above.
- (2) The HEIs may decide their own selection procedure for Ph.D. admission of international students keeping in view the guidelines/norms in this regard issued by statutory/regulatory bodies concerned from time to time.

8. At any point, the total number of Ph.D. scholars under a faculty member, either as a supervisor or a co-supervisor, shall not exceed the number prescribed in clause 6.3 and clause 7.1.

9. Course Work.- Credit requirements, number, duration, syllabus, minimum standards for completion, etc.

- (1) The Credit requirement for the Ph.D. coursework is a minimum of 12 credits, including a "Research and Publication Ethics" course as notified by UGC vide D.O. No. F.1- 1/2018(Journal/CARE) in 2019 and a research methodology course. The Research Advisory Committee can also recommend UGC recognized online courses as part of the credit requirements for the Ph.D. programme.
- (2) All Ph.D. scholars, irrespective of discipline, shall be required to train in teaching /education /pedagogy/writing related to their chosen Ph.D. subject during their doctoral period. Ph.D. scholars may also be assigned 4-6 hours per week of teaching/research assistantship for conducting tutorial or laboratory work and evaluations.

- (3) A Ph.D. scholar must obtain a minimum of 55% marks or its equivalent grade in the UGC 10-point scale in the course work to be eligible to continue in the programme and submit his or her thesis.

10. Research Advisory Committee and its Functions.- (1) There shall be a Research Advisory Committee or an equivalent body as defined in the Statutes/Ordinances of the Higher Educational Institution concerned for each Ph.D. scholar. The Research Supervisor of the Ph.D. scholar concerned shall be the Convener of this committee, and this committee shall have the following responsibilities:

- i. To review the research proposal and finalize the topic of research.
- ii. To guide the Ph.D. scholar in developing the study design and methodology of research and identify the course(s) that he/she may have to do.
- iii. To periodically review and assist in the progress of the research work of the Ph.D. scholar.

(2) Each semester, a Ph.D. scholar shall appear before the Research Advisory Committee to make a presentation and submit a brief report on the progress of his/her work for evaluation and further guidance. The Research Advisory Committee shall submit its recommendations along with a copy of Ph.D. scholar's progress report to the Higher Educational Institution concerned. A copy of such recommendations shall also be provided to the Ph.D. scholar.

(3) In case the progress of the Ph.D. scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the Ph.D. scholar fails to implement these corrective measures, the Research Advisory Committee may recommend, with specific reasons, the cancellation of the registration of the Ph.D. scholar from the Ph.D. programme.

11. Evaluation and Assessment Methods, minimum standards/credits for award of the degree, etc.-

- (1) Upon satisfactory completion of course work and obtaining the marks/grade prescribed in clause (3) of Regulation 9 above, the Ph.D. scholar shall be required to undertake research work and produce a draft dissertation/thesis.
- (2) Before submitting the dissertation/thesis, the Ph.D. scholar shall make a presentation before the Research Advisory Committee of the Higher Educational Institution concerned, which shall also be open to all faculty members and other research scholars/students.
- (3) The Higher Educational Institution concerned shall have a mechanism using well-developed software applications to detect Plagiarism in research work and the research integrity shall be an integral part of all the research activities leading to the award of a Ph.D. degree.
- (4) A Ph.D. scholar shall submit the thesis for evaluation, along with (a) an undertaking from the Ph.D. scholar that there is no plagiarism and (b) a certificate from the Research Supervisor attesting to the originality of the thesis and that the thesis has not been submitted for the award of any other degree/diploma to any other Higher Educational Institution.
- (5) The Ph.D. thesis submitted by a Ph.D. scholar shall be evaluated by his/her Research Supervisor and at least two external examiners who are experts in the field and not in employment of the Higher Educational Institution concerned. Such examiner(s) should be academics with a good record of scholarly publications in the field. Wherever possible, one of the external examiners should be chosen from outside India. The viva-voce board shall consist of the Research Supervisor and at least one of the two external examiners and may be conducted online. The viva-voce shall be open to the members of the Research Advisory Committee/faculty members/research scholars, and students. Higher Educational Institutions may formulate appropriate rules/ordinances to effect the provisions of this Regulations.
- (6) The viva-voce of the Ph.D. scholar to defend the thesis shall be conducted if both the external examiners recommend acceptance of the thesis after incorporating any corrections suggested by them. If one of the external examiners recommends rejection, the Higher Educational Institution concerned shall send the thesis to an alternate external examiner from the approved panel of examiners, and the viva-voce examination shall be held only if the alternate examiner recommends acceptance of the thesis. If the alternate examiner does not recommend acceptance of the thesis, the thesis shall be rejected, and the Ph.D. scholar shall be declared ineligible for the award of a Ph.D.
- (7) The Higher Educational Institution concerned shall complete the entire process of evaluating a Ph.D. thesis, including the declaration of the viva-voce result, within a period of six (6) months from the date of submission of the thesis.

12. Academic, research, administrative, and infrastructure requirements to be fulfilled by Colleges for getting recognition for offering Ph.D. programmes.-

- (1) Post-graduate Colleges offering 4-year Undergraduate Programmes and/or Post-graduate Programmes, may offer Ph.D. programmes, provided they satisfy the availability of eligible Research Supervisors, required infrastructure, and supporting administrative and research facilities as per these Regulations.
 - (2) Colleges and research institutions established by the central government or a State government whose degrees are awarded by Higher Educational Institutions shall offer Ph.D. programmes provided they have:
 - i. At least two faculty members in a college or two Ph.D.-qualified scientists in the research institution.
 - ii. Adequate infrastructure, administrative support, research facilities and library resources as specified by the HEI.
- 13. Ph.D. through Part-time Mode-**
- (1) Ph.D. programmes through part-time mode will be permitted, provided all the conditions stipulated in these Regulations are fulfilled.
 - (2) The Higher Educational Institution concerned shall obtain a "No Objection Certificate" through the candidate for a part-time Ph.D. programme from the appropriate authority in the organization where the candidate is employed, clearly stating that:
 - i. The candidate is permitted to pursue studies on a part-time basis.
 - ii. His/her official duties permit him/her to devote sufficient time for research.
 - iii. If required, he/she will be relieved from the duty to complete the course work.
 - (3) Notwithstanding anything contained in these Regulations or any other law, for the time being in force, no Higher Educational Institution or research institution of the Central government or a State Government shall conduct Ph.D. programmes through distance and/oronline mode.
- 14. Grant of M.Phil. Degree.-** Higher Educational Institutions shall not offer the M.Phil.(Master of Philosophy) programme.
- 15. Issuing a Provisional certificate.-** Prior to the actual award of the Ph.D. degree, the degree-awarding Higher Educational Institution shall issue a provisional certificate to the effect that the Ph.D. is being awarded in accordance with the provisions of these Regulations.
- 16. Award of Ph.D. degrees prior to Notification of these Regulations.-** Award of degrees to candidates registered for the Ph.D. programme on or after July 11, 2009, till the date of Notification of these Regulations shall be governed by the provisions of the UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or the UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations, 2016 as the case may be. Further, the award of degrees to candidates already registered and pursuing Ph.D. shall be governed by these Regulations or UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2016. Nothing in these Regulations shall impact the M.Phil. degree programmes commencing prior to the enactment of these Regulations.
- 17. Depository with INFLIBNET.-** Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree(s), the Higher Educational Institution concerned shall submit an electronic copy of the Ph.D. thesis to INFLIBNET, for hosting the same so as to make it accessible to all the Higher Educational Institutions and research institutions.

RAJNISH JAIN, Secy.
[ADVT.-III/4/Exty./367/2022-23]



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Knowledge to Wisdom

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