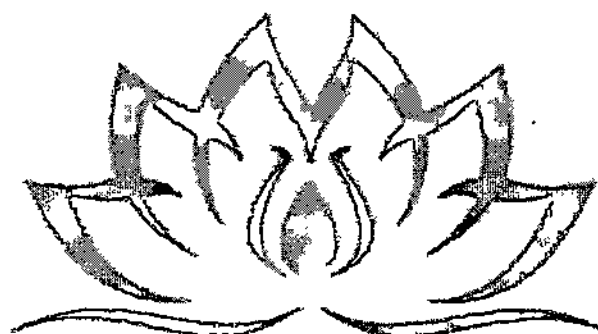


Mewar University

Gangrar, Chittorgarh, Rajasthan, 312901



Mewar University

Knowledge to Wisdom

NAAC Accredited

MEWAR UNIVERSITY PH.D. MANUAL 2020

Applicable from 2021 Batch



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Thesis Preparation Manual and Formats



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 assistantship will be offered to deserving candidates.



2. Programmes offered with Seat Matrix

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 will notify well in advance the number of seats for admission, discipline-wise distribution of available seats (seat-matrix), admission guidelines, important dates, examination test centre, and all other relevant information on the institutional website and through advertisement in newspaper.

3. Availability and Submission of 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% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently Abled and other categories of candidates as per the decision of the Commission from time to time, or for those who had obtained their Master's degree prior to 19th September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark.
- 4.3 Candidates who have cleared the M.Phil. Degree 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 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 admission procedure comprises of 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 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
- 5.4 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.
- 5.5 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.
- 5.6 The Interviews will be held at the Mewar University, Gangrar, Chittorgarh (Rajasthan).



- 5.7 A merit list will be prepared in which 50% weightage will be given to the entrance test, and 50% weightage will be given to the Interview. 20% students of the total seats will be placed in the waiting list.
- 5.8 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.
- 5.9 Vacant seats of the reserved category will be offered to candidates in the general category based on the order of merit.

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 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 PhD 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.
- 7.2 An extension of up to three (3) years may be granted by the Vice Chancellor on a case-by-case basis, based on the recommendation of the student's research advisory committee through Director Research.
- 7.3 Additionally, female Ph.D. scholars and individuals with disabilities (having more than 40% disability) may receive an extension of up to two (2) years.
- 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 A research scholar shall appear before the Research Advisory Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The six-monthly progress reports shall be submitted by the Research Advisory Committee to the University with a copy to the research scholar
- 8.4 In case the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the University with specific reasons for cancellation of the registration of the research scholar
- 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

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:
- Professor with a Ph.D., and at least five research publications in peer-reviewed or refereed journals
 - Associate/Assistant Professors with a Ph.D., and at least two 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 interdisciplinary research with the approval of the 'Student's Research Advisory Committee'



- 9.6 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).
- 9.7 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.

10. Evaluation and Assessment Methods, Minimum Standards for Award of the PhD Degree

10.1 Course Work

10.1.1 Credit requirements set by the University- 12 Credits

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

10.1.2 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.

10.1.3 Criteria of Course Work Completion- 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.

10.1.4 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 PhD 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 (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 final viva-voce of the research scholar to defend the dissertation/thesis shall be conducted only if the evaluation report(s) of the external examiner(s) on the dissertation/thesis is/are satisfactory and include a specific recommendation for conducting the viva-voce examination. If one of the evaluation reports of the external examiner, is unsatisfactory and does not recommend viva-voce, the Institution shall send the dissertation/ thesis to another external examiner out of the approved panel of examiners and the viva-voce examination shall be held only if the report of the latest examiner is satisfactory. If the report of the latest examiner is also unsatisfactory, the dissertation/ thesis shall be rejected, and the research scholar shall be declared ineligible for the award of the degree.
- 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 the candidates registered for the Ph.D. programme on or after 24 Nov 2009 till the date of Notification of these guidelines shall be governed by the provisions of the Mewar University PhD Admission Guidelines, 2009.

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 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, 2016 available at UGC Website
- Thesis Preparation Manual and Evaluation formats attached





MEWAR UNIVERSITY

CHITTORGARH, RAJASTHAN - 312 901, INDIA

APPLICATION FOR ENTRANCE EXAM. CUM ADMISSION
Ph.D. /Post Graduate Research Interated Programme

Session - 202 ☐ -2 ☐

Please go through
guidelines before
filling this form.
Please affix your
self-attested
recent photograph

Application Form : ☐ Ph.D. Programme ☐ PGRI Programme

1. PERSONAL

NAME									
FATHER'S NAME									
MOTHER'S NAME									
AGE		DOB		Date		Month		Year	
☐ Female		☐ Male		Category		☐ General		☐ Backward	
						☐ Scheduled Caste		☐ Scheduled Tribe	
ARE YOU PHYSICAL DISABLED?				☐ No ☐ YES, if yes, Please specify					
PERMANENT ADDRESS					COMMUNICATION ADDRESS				
STATE					PIN				
☎ with area code		Mobile							
E-mail		@							

2. Discipline of Study (i.e. Management, Education, Science etc.)

3. Topic of Intended Ph.D. Study (only for Ph.D. candidates)

(ENCLOSE a research proposal of about 2000 words (format attached); word processed, 12pt Times Roman
line space 1.5, A-4 size paper)

4. Whether Qualified		☐ UGC NET	☐ SLET	☐ M.Phil	☐ ICRA Test
If Qualified	Discipline	Certificate No. & Date (enclose copy)			

I affirm that all entries in application and the appended documents ARE TRUE IN ALL ASPECTS and that the STUDY 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 Signature :

Date :



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	
Phil.	DISCIPLINE	YEAR OF PASSING	INSTITUTION		UNIVERSITY	
			Marks Obtained		% of marks	

6. RESEARCH / TEACHING EXPERIENCE

FROM	TO	ORGANISATION	POSITION	JOB DESCRIPTION

7. PUBLICATIONS (us a separate sheet if necessary) Enclose copies/Reprints

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

8. FEEDBACK : how did you come to know about the Programme

MU advertisement in					
Press Announcement in					
Friends		Own Institute		Internet	

CHECKLIST OF ENCLOSURES mark & TAG in this order

- | | |
|--|--|
| ☐ i. Research Proposal | ☐ Copies of mark sheets |
| ☐ iii. Copies of Publications | ☐ DD for Rs. 2000/- |

Signature of Candidate



Date :



MEWAR UNIVERSITY

Ph.D. Entrance Examination 202 ☐-2 ☐

ADMIT CARD (Office Copy)

☐ Ph.D. Programme ☐ PGRI Programme

NAME :

FATHER'S NAME :

Address for Correspondence :

.....

.....

.....

Contact No. : (M) (R)

Last Qualification with percentage :

Choice of Examination Center : ☐ Chittorgarh (RAJ.) ☐ Ghaziabad (U.P.) ☐ Lusaka (Please tick one)

Candidate's Signature :

Please affix your
SELF ATTESTED
recent photograph

(For Office Use Only)

Application form checked and found eligible / not eligible / exempted for Entrance Examination.
Remarks :

.....
.....
.....

A fee of Rs. 2000/- (Rs. Two Thousand only) received as Application form and processing fee.

Checker

Receipt No..... Date DD/Cash

Cashier



MEWAR UNIVERSITY

Ph.D. Entrance Examination 202 ☐-2 ☐

ADMIT CARD (Student's Copy)

☐ Ph.D. Programme ☐ PGRI Programme

NAME :

FATHER'S NAME :

Discipline of Research :

Subject in Post Graduation :

Contact No. : (M) (R)

Last Qualification with percentage :

Choice of Examination Center : ☐ Chittorgarh (RAJ.) ☐ Ghaziabad (U.P.) ☐ Lusaka

Roll No. : Time :

Candidate's Signature :

Please affix your
SELF ATTESTED
recent photograph

University
Seal with
Signature



Mewar University, Chittorgarh



Course Work Syllabus



Course Work Detailed Syllabus

Paper (RES -I A): Research Methodology

04 Credits

1. **Introduction to Research Methodology:** 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.
2. **Defining the Research Problem:** Concept and need, Identification of Research problem, defining and delimiting Research problem.
3. **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 researches.
4. **Research design:** 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.
5. **Tools for Data Collection:** 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.
 - a) **Sampling:** Probability and Non Probability sampling- types and criteria for selection. Developing sampling Frames, Determination of sample size by using statistical formula.
 - b) **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.
6. **Inferential statistics:** Normal Probability Curve- Meaning, characteristics and applications. Standard error. Confidence Interval and Fiduciary limits. Type I and Type II errors. Estimating Population Means.



- a. **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)
 - b. Sampling Distribution, Null Hypothesis- Alternative Hypothesis. Testing the Significance of difference between means(z and 't' test)
 - c. Analysis of Variance (ANOVA) and Analysis of covariance (ANCOVA) concept and applications only.
 - d. Factor Analysis and Path Analysis (concept and applications).
7. **Non Parametric Statistics:** Wilcoxon Test- steps, characteristics and application, Sign Test, man- Whitney u Test, Chi Square test- steps, Characteristic sand applications. Relationship between chisquare and phi correlation.
 8. **Logic:** Logical form, deductive and inductive reasoning, consistency, validity, soundness and completeness, western and oriental conception of logic.
 9. **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.

Reference Books:

- a) Best and Kahn, Research Methodology, PHI Limited.
- b) Kothari, C.R. Research Methodology (Methods and Techniques), New Age Publisher.
- c) Kerlinger, Foundation of Research.
- d) Fundamentals of modern statistical methods by R and R. wilcox.
- e) 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.
- f) Design of Experience: Statistical Principles of Research Design and Analysis, by Robert O. Kuehl Brooks/cole.



Paper (RES-I B): ICT 02 Credits

1. **Word Processing:** 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 etc.
2. **Worksheet:** Excel: 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.
3. **Presentation:** 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 slide, 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 from 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.
4. **Education and Research Resource son Net:** Encyclopedia, Wikipedia, On-Line Tutorials and lectures, Virtual labs, Open Course-ware, Electronic Journals, E-Books, Digital Libraries, Searching research Information.
5. **Professional Written Communication:** Students prepare E-mails, Letters, memos, proposals, formal and informal reports.
6. **Oral Communication:** Impromptu and Extemporaneous methods of delivery. Oral Presentations using usual aids such as handouts, overhead transparencies and presentation software such as Power Point.

RES III- Dissertation and Presentation related to Course Work-06 Credits



Mewar University, Chittorgarh (Rajasthan)

Student Research Advisory Committee (SRAC)

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)



MEWAR UNIVERSITY

Sub.: Half Yearly Progress Report of The Ph. D Scholar(s)

To,
Director Research
Mewar University
Chittorgarh (Rajasthan)

Name of Scholar :
Name of the Guide :
Subject/Topic/Area :
Date of R.D.C : Progress Report Duration :

Guide Comments

On Selection of Title/Topic during RDC :
On preparation of synopsis :
On Research Publication(s) :
On completion of assignments & Dissertation :

Whether the Scholar has more than 75%
attendance / meetings in the institute /
organization where the Guide is working
during the report duration (Yes / No) ? :
Overall Performance of Research scholar :
Any other comment :

Date:

Signature & Name of Guide

(Report to be submitted by the Guide)



Mewar University

NH-79, 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/ NODate 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:



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

1. 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	Colors 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 is 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 soft ware 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] Gadflya, Ashok Kumar, *Bus ab Bahut ho chuka*. 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 Pendrive 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, section 2) 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 Font 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 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 have 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-thiase/pdf version should be similar to the hard copy of theses.

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



Example of split files for final submission

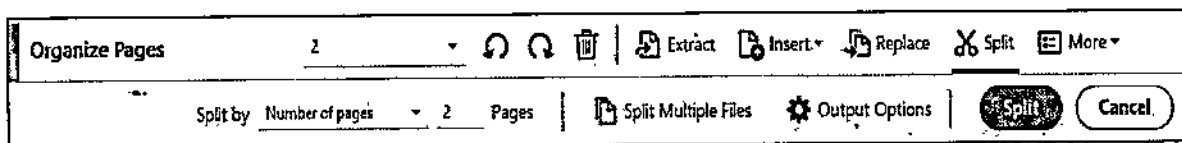
File Name	Content
01_Title	Title page
02_Certificates	Undertaking, Declaration, Supervisor's & copyright transfer certificates
03_Plagiarism Report	Plagiarism Report
04_Acknowledgement	Acknowledgement
05_Abstract	Abstract
06_Preface	Preface
07_Contents	Contents
08_Tables	Tables
09_Figures	Figures
10_Symbols, 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

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.
- **Open the PDF in Acrobat DC, and then choose Tools > Organize Pages or choose Organize Pages from the right pane.** The Organize Pages toolset is displayed in the secondary toolbar.



- In the secondary toolbar, click Split. A new toolbar appears below the secondary toolbar with the commands specific to the Split operation.



Choose Split in the secondary toolbar to see the document splitting options.

- In the Split By drop-down list, select the criteria for dividing the document:
- Number of Pages Specify the maximum number of pages for each document in the split.
- File Size Specify the maximum file size for each document in the split.
- Top-level Bookmarks If the document includes bookmarks, creates one document for every top level bookmark.
- To specify a target folder for the split files and filename preferences, click Output Options. Specify the options as needed, and then click OK.
- (Optional) To apply the same split to multiple documents, click Split Multiple Files. In the Split Documents dialog box, click Add Files, and choose Add Files, Add Folders, or Add Open Files. Select the files or folder, and then click OK.

For more details please visit to <http://shodhganga.inflibnet.ac.in/> or <http://shodhganga.inflibnet.ac.in/handle/10603/12296>



(A typical Specimen of Cover Page & Title Page)

TITLE

<1.0 line spacing>

A Thesis

Submitted

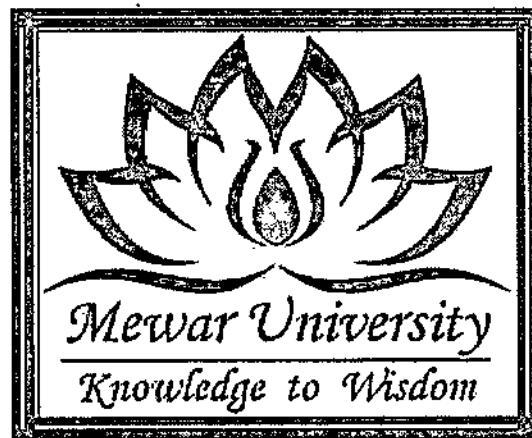
<Italic>

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 CANDIDATE

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 fulfillment 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:

Name of the candidate

MUR.....



DECLARATION BY THE CANDIDATE

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 willfully lifted up some other's work, para, text, data, results, etc. reported in the journals, books, magazines, reports, dissertations, thesis, etc., or available at web-sites.

Date:

Signature

Place:

Name of the candidate

MUR.....



CERTIFICATE FROM THE SUPERVISORS

This is to certify that the thesis, entitled submitted by
Mr/Ms.....embodies the findings of his/her original research work
carried out under my/our supervision and it fulfills all the conditions prescribed by Mewar
University, Gangrar, Chittorgarh, Rajasthan for the award of Doctor of Philosophy Degree in
Department ofto the best of my/our knowledge, the matter
embodied in this thesis has not been submitted elsewhere for the award of any other degree or
diploma.

Signature

(Name of Supervisor)

(Designation)

Signature

(Name of Co-Supervisor)

(Designation)

Date



COPYRIGHT TRANSFER CERTIFICATE

Title of the Thesis:

Research Scholar Name:

Copyright Transfer

The undersigned hereby assigns to the Mewar University all rights under copyright that may exist in and for the above thesis submitted for the award of the Ph.D. degree.

Signature of Research Scholar

Note; However, the author may reproduce or authorize others to reproduce material extracted verbatim from the thesis or derivative of the thesis for author's personal use provided that the source and the University's copyright notice are indicated.



Plagiarism Report duly signed by scholar, Supervisor and Co-supervisor



ACKNOWLEDGEMENT

Name & Signature of the candidate



ABSTRACT



PREFACE



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	LIST OF FIGURES	xviii
	LIST OF SYMBOLS, ABBREVIATIONS	xxvii
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1.1	GENERAL	1
1.2	USE OF INDUSTRIAL WASTE IN CONCRETE-MAKING	2
1.2.1	General	5
1.2.2	Beneficiation Ceramic Waste	12
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**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



APPENDICES

(any other data, material used during the research to be put as an appendix)



LIST OF PAPERS
PUBLISHED/ACCEPTED/COMMUNICATED



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



**SUPERVISOR'S PROFILE NOT EXCEEDING 200 WORDS ALONG WITH
PHOTOGRAPH**



Mewar University

Gangrar, Chittorgarh, Rajasthan, 312901



MEWAR UNIVERSITY PH.D. ADMISSION GUIDELINES 2016

Adopted University Grants Commission (Minimum Standards and
Procedure for Award of M.PHIL./PH.D Degrees) Regulations, 2016

in

BOM held on 28 May 2017

Applicable from 2017 Batch



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6. Relaxation to M.Phil. and National/State-level Exam qualified candidates.....	3
7. Duration of the PhD Programme	3
8. Student Research Advisory Committee (SRAC) and its functions:	4
9. Allocation of Research Supervisor	4
10. Evaluation and Assessment Methods, Minimum Standards for Award of the PhD Degree	5
11. Award of Ph.D. degrees prior to Notification of these Regulations.....	6
12. Depository with INFLIBNET.....	7
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Thesis Preparation Manual and Formats



MEWAR UNIVERSITY PH.D. ADMISSION GUIDELINES 2016

Chittorgarh, Rajasthan

According to the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D Degrees) Regulations, 2016, the University hereby makes the following PhD guidelines for the Award of Ph.D Degrees that shall be applicable to the Ph.D scholars from this day onwards.

1. Introduction

Mewar University may invite applications twice a year 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. Programmes offered with Seat Matrix

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 will notify well in advance the number of seats for admission, discipline-wise distribution of available seats (seat-matrix), admission guidelines, important dates, examination test centre, and all other relevant information on the institutional website and through advertisement in newspaper.

3. Availability and Submission of Application Form

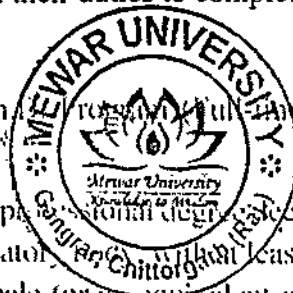
Candidates can download the PDF version of the application form from the university's website or collect a hard copy from the PhD Section at the university. Once the application form is completed, it should be sent to the Director Research at Mewar University, Chittorgarh, Rajasthan, 312901. Applications 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. (Full-time/Part-time modes) will be as follows:

- 4.1 Candidate shall have a Master's degree or a postgraduate diploma 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% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently Abled and other categories of candidates as per the decision of the Commission from time to time, or for those who had obtained their Master's degree prior to 19th September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.
- 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 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 admission procedure comprises of Entrance test followed by Interview and 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 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
- 5.4 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.
- 5.5 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.
- 5.6 The Interviews will be held at the Mewar University, Gangrar, Chittorgarh (Rajasthan).
- 5.7 A merit list will be prepared in which 50% weightage will be given to the entrance test, and 50% weightage will be given to the Interview. 20% students of the total seats will be placed in the waiting list.
- 5.8 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.
- 5.9 Vacant seats of the reserved category will be offered to candidates in the general category based on the order of merit.

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 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 PhD 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.
- 7.2 An extension of up to three (3) years may be granted by the Vice Chancellor on a case-by-case basis, based on the recommendation of the student's research advisory committee through Director Research.
- 7.3 Additionally, female Ph.D. scholars and individuals with disabilities (having more than 40% disability) may receive an extension of up to two (2) years.
- 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 A research scholar shall appear before the Research Advisory Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The six-monthly progress reports shall be submitted by the Research Advisory Committee to the University with a copy to the research scholar

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

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

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 with a Ph.D., and at least five research publications in peer-reviewed or refereed journals
- b. Associate/Assistant Professors with a Ph.D., and at least two 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 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).
- 9.7 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.

10. Evaluation and Assessment Methods, Minimum Standards for Award of the PhD Degree

10.1 Course Work

10.1.1 Credit requirements set by the University- 12 Credits

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

10.1.2 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.

10.1.3 Criteria of Course Work Completion- 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.

10.1.4 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 prior to 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 PhD 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 (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.

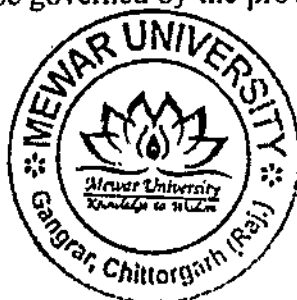
10.4.6 The viva-voce board consist of the Research Supervisor and at least one of the two external examiners.

10.4.7 The final viva-voce of the research scholar to defend the dissertation/thesis shall be conducted only if the evaluation report(s) of the external examiner(s) on the dissertation/thesis is/are satisfactory and include a specific recommendation for conducting the viva-voce examination. If one of the evaluation reports of the external examiner, is unsatisfactory and does not recommend viva-voce, the Institution shall send the dissertation/ thesis to another external examiner out of the approved panel of examiners and the viva-voce examination shall be held only if the report of the latest examiner is satisfactory. If the report of the latest examiner is also unsatisfactory, the dissertation/ thesis shall be rejected, and the research scholar shall be declared ineligible for the award of the degree.

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 the candidates registered for the Ph.D. programme on or after 24 Nov 2009 till the date of Notification of these guidelines shall be governed by the provisions of the Mewar University PhD Admission Guidelines, 2009.



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 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, 2016 available at UGC Website
- Thesis Preparation Manual and Evaluation formats attached



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मानव संसाधन विकास मंत्रालय
(विश्वविद्यालय अनुदान आयोग)

अधिसूचना

नई दिल्ली, 5 मई, 2016

विश्वविद्यालय अनुदान आयोग (एम०फिल०/पीएच०डी०) उपाधि प्रदान करने हेतु न्यूनतम मानदंड और प्रक्रिया)
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[11 से 17 जुलाई, 2009 के सप्ताह में भारत के राजपत्र (संख्या 28, भाग-III, धारा-4) में अधिसूचित विश्वविद्यालय अनुदान आयोग (एम०फिल०/ पीएच०डी०) उपाधि प्रदान करने हेतु न्यूनतम मानदंड और प्रक्रिया) विनियम, 2009 के प्रतिस्थापन में]

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1. लघु शीर्ष, अनुप्रयोग एवं प्रवर्तन:

- 1.1 इन विनियमों को विश्वविद्यालय अनुदान आयोग (एम०फिल०/ पीएच०डी०) उपाधि प्रदान करने हेतु न्यूनतम मानदंड और प्रक्रिया) विनियम, 2016 कहा जाएगा।
- 1.2 ये ऐसे प्रत्येक विश्वविद्यालय पर लागू होंगे जो किसी केन्द्रीय अधिनियम, प्रांतीय अधिनियम अथवा किसी राज्य अधिनियम के तहत स्थापित अथवा नियमित हैं, तथा ऐसा प्रत्येक संयुक्त महाविद्यालय एवं जो, विश्वविद्यालय अनुदान आयोग, अधिनियम, 1956 की धारा 3 के तहत मानित विश्वविद्यालय संस्थान है।
- 1.3 सरकारी राजपत्र में अधिसूचित किये जाने की तिथि से ये विनियम लागू माने जाएंगे।
2. एम०फिल० पाठ्यक्रम में प्रवेश हेतु पात्रता मानदंड:
 - 2.1 एम०फिल० पाठ्यक्रम में प्रवेश हेतु ऐसे अभ्यर्थी जिनके पास स्नातकोत्तर उपाधि अथवा एक व्यावसायिक उपाधि होगी जिसे समकक्ष सांविधिक निकाय द्वारा स्नातकोत्तर उपाधि के समतुल्य घोषित किया गया हो, जिसमें अभ्यर्थी को कम से कम कुल 55% अंक अथवा विश्वविद्यालय अनुदान आयोग के 7 बिंदु मानक पर 'बी' ग्रेड प्राप्त हुए हों (अथवा जहां कहीं भी ग्रेडिंग प्रणाली अपनाई जाती है यहां बिंदु मानक पर समकक्ष ग्रेड) अथवा ऐसे प्रत्यायित विदेशी शैक्षिक संस्थान से समकक्ष उपाधि प्राप्ति की हो, जो कि किसी आकलन एवं प्रत्यायन एजेंसी द्वारा प्रत्यायित है, जो कि शैक्षिक संस्थानों की

गुणवत्ता एवं मानकों को सुनिश्चित करने एवं उनके आकलन, प्रत्यायन हेतु ऐसे किसी सांख्यिक प्राधिकरण द्वारा अथवा ऐसे एक प्राधिकरण के अन्तर्गत स्वीकृत एवं प्रत्यायित है जो कि उस देश में किसी कानून के अन्तर्गत स्थापित अथवा निर्गमित है।

- 2.2 अनुसूचित जाति/ अनुसूचित जनजाति/ अन्य पिछड़ा वर्ग जो (गैर लाम्बित श्रेणी) (Non-Creamy Layer) से संबद्ध हैं अथवा समय-समय पर विश्वविद्यालय अनुदान आयोग द्वारा लिए गए निर्णय के अनुसार अभ्यर्थियों की अन्य श्रेणियों के लिए अथवा दिनांक 19 सितम्बर, 1991 से पूर्व स्नातकोत्तर उपाधि अर्जित करने वाले अभ्यर्थियों के लिए 55% से 50% अंकों तक अर्थात् अंकों में 5%की छूट अथवा ग्रेड में समतुल्य छूट प्रदान की जा सकती है। 55% अर्हता अंक (अथवा जहाँ कहीं भी ग्रेडिंग प्रणाली अपनाई जाती है वहाँ बिंदु मानक पर समकक्ष ग्रेड) तथा उपर्युक्त श्रेणियों में 5% अंकों की छूट केवल अर्हक अंकों के आधार पर ही अनुमेय है जिसमें रियायती अंक शामिल नहीं हैं।

3. पीएचडी पाठ्यक्रम में प्रवेश हेतु पात्रता मानदंड

इन विनियमों में विनिर्धारित शर्तों के अध्याधीन, निम्नवत व्यक्ति पीएचडी पाठ्यक्रम में प्रवेश प्राप्त करने हेतु पात्र हैं:

3.1 उपरोक्त धारा 2 के अन्तर्गत विनिर्धारित मानदण्डों को पूरा करने वाले स्नातकोत्तर डिग्री धारक।

3.2 एमफिल पाठ्यक्रम को कम से कम कुल 55% अंकों के साथ उत्तीर्ण करने वाले अथवा विश्वविद्यालय अनुदान आयोग के 7 बिंदु मानक पर 'बी' ग्रेड प्राप्त कर सफलतापूर्वक एमफिल उपाधि प्राप्त करने वाले (अथवा जहाँ कहीं भी ग्रेडिंग प्रणाली अपनाई जाती है वहाँ बिंदु मानक पर समतुल्य ग्रेड) अभ्यर्थी शोध कार्य करने हेतु पात्र होंगे जिससे वे उसी संस्थान में समेकित पाठ्यक्रम के अन्तर्गत पीएचडी उपाधि अर्जित कर सकें। अनुसूचित जाति/ अनुसूचित जनजाति/ अन्य पिछड़ा वर्ग जो (गैर लाम्बित श्रेणी) (Non-Creamy Layer)/ पृथक् रूप से निशक्त से संबद्ध हैं अथवा समय-समय पर विश्वविद्यालय अनुदान आयोग द्वारा लिए गए निर्णय के अनुसार अथवा ऐसे एक प्राधिकरण के अन्तर्गत स्वीकृत एवं प्रत्यायित है जो कि उस देश में किसी कानून के अन्तर्गत स्थापित अथवा निर्गमित है, ऐसे अभ्यर्थी पीएचडी पाठ्यक्रम में प्रवेश के पात्र होंगे।

3.3 कोई व्यक्ति जिसके एमफिल शोध प्रबंध का मूल्यांकन किया गया है तथा मौखिक सक्षात्कार तबित है, उसे उसी संस्थान के पीएचडी पाठ्यक्रम में प्रवेश दिया जा सकता है।

3.4 अभ्यर्थी जिनके पास किसी भारतीय संस्थान की एमफिल उपाधि के समकक्ष ऐसी उपाधि है जो कि विदेशी शैक्षिक संस्थान से है, जो कि जो कि किसी आकलन एवं प्रत्यायन एजेंसी द्वारा प्रत्यायित है, जो शैक्षिक संस्थानों की गुणवत्ता एवं मानकों को सुनिश्चित करने एवं उनके आकलन, प्रत्यायन हेतु ऐसे किसी सांख्यिक प्राधिकरण द्वारा अथवा ऐसे एक प्राधिकरण के अन्तर्गत स्वीकृत एवं प्रत्यायित है जो कि उस देश में किसी कानून के अन्तर्गत स्थापित अथवा निर्गमित है, ऐसे अभ्यर्थी पीएचडी पाठ्यक्रम में प्रवेश के पात्र होंगे।

4. पाठ्यक्रम की अवधि:

4.1 एमफिल पाठ्यक्रम की न्यूनतम अवधि लगातार दो (02) सेमेस्टर/ एक वर्ष और लगातार अधिकतम चार (04) सेमेस्टर/ दो वर्ष होगी।

4.2 पीएचडी पाठ्यक्रम की अवधि कम से कम तीन वर्ष की होगी जिसमें पाठ्यक्रम से संबंधित कार्य भी शामिल होगा तथा अधिकतम अवधि छह वर्ष होगी।

4.3 उपर्युक्त सीमा के अतिरिक्त समय विस्तारण को उन सापेक्ष धाराओं द्वारा अनिवार्यतापूर्वक किया जाएगा जो कि संबंधित संस्थान की सांख्यिक/अध्यदेश में विनिर्धारित हैं।

4.4 महिला अभ्यर्थी तथा निशक्त व्यक्ति (जिनकी निशक्तता 40% से अधिक हो) उन्हें एमफिल में एक वर्ष की तथा पीएचडी के लिए अधिकतम दो वर्ष की छूट प्रदान की जाएगी। इसके अतिरिक्त, महिला अभ्यर्थियों को एमफिल/पीएचडी की समग्र अवधि में एक बार 240 दिनों तक का मातृत्व अवकाश/ शिशु देखभाल अवकाश प्रदान किया जा सकता है।

5. प्रवेश हेतु प्रक्रिया:

5.1 सभी विश्वविद्यालय एवं मानित विश्वविद्यालय संस्थान उस सम्बद्ध विश्वविद्यालय/मानित विश्वविद्यालय संस्थान के स्तर पर संचालित प्रवेश परीक्षा के माध्यम से एमफिल/पीएचडी छात्रों को प्रवेश उपलब्ध करायेंगे। विश्वविद्यालय/मानित विश्वविद्यालय उन छात्रों के लिए पीएचडी प्रवेश परीक्षा हेतु पृथक् निबन्धन एवं शर्तों का निर्णय करेगा, जिन छात्रों ने यूजीसी-नेट (जेआरएफ सहित)/यूजीसी-सीएसआईआर नेट (जेआरएफ सहित)/स्लैट/गैट/ईएचएस अध्येतावृत्ति अथवा जिन्होंने एमफिल पाठ्यक्रम उत्तीर्ण कर लिया है।

5.2 उपर्युक्त उप-खण्ड 1.2 में संदर्भित उच्च शैक्षिक संस्थान तथा उनके तहत महाविद्यालय जिन्हें एमफिल और/अथवा पीएचडी पाठ्यक्रम चलाने की अनुमति है, वे :-

- 5.2.1 वार्षिक आधार पर अपने शैक्षणिक निकायों के माध्यम से पूर्व निर्धारित तथा संतुलित संख्या में एम0फिल0 और/अथवा पीएच0डी0 शोधार्थी को दाखिला देगा जो कि उपलब्ध शोध पर्यवेक्षकों तथा अन्य शैक्षणिक तथा उपलब्ध वास्तविक सुविधाओं पर निर्भर करेगी, तथा विद्वान शिक्षक अनुपात (जैसा पैरा 6.5 में दर्शाया गया है) प्रयोगशाला, ग्रंथालय तथा ऐसी ही अन्य सुविधाओं के संबंध में मानदण्ड को ध्यान में रखा जाएगा;
- 5.2.2 दाखिले हेतु सीटों की संख्या, उपलब्ध सीटों का विषय/विषयवार संवितरण, दाखिले का मानदण्ड, दाखिले की प्रक्रिया, परीक्षा केन्द्र जहाँ प्रवेश परीक्षा आयोजित की जाएगी तथा अभ्यर्थियों के लाभ के लिए अन्य सभी संगत जानकारी संस्थागत वेबसाइट तथा कम से कम दो (2) राष्ट्रीय समाचार पत्रों में पहले ही जारी करें जिनमें से एक (01) समाचार पत्र क्षेत्रीय भाषा में हो;
- 5.2.3 राष्ट्रीय/राज्य स्तरीय आरक्षण नीति का यथास्थिति अनुपालन करें।
- 5.3 दाखिले, संस्थान द्वारा अधिसूचित मानदण्ड के आधार पर, विश्वविद्यालय अनुदान आयोग एवं अन्य संबंधित सांविधिक निकायों द्वारा इस संबंध में जारी किए गए दिशानिर्देशों/मानदण्डों को ध्यान में रखते हुए समय-समय पर केन्द्र/राज्य सरकारों की आरक्षण नीति को मद्देनजर रखते हुए किये जाएंगे।
- 5.4 उपर्युक्त उपखण्ड 1.2 में संदर्भित संस्थान तथा महाविद्यालय अभ्यर्थियों को द्विचरणीय प्रक्रिया के माध्यम से दाखिला देंगे:
- 5.4.1 प्रवेश परीक्षा, अर्हक परीक्षा होगी जिसमें 50% अर्हता अंक होंगे। प्रवेश परीक्षा के पाठ्यविवरण में 50% शोध पद्धति तथा 50% विशिष्ट विषय के प्रश्न पूछे जाएंगे। प्रवेश परीक्षा पहले ही अधिसूचित केन्द्र (यदि केन्द्रों में कोई परिवर्तन होता है तो पर्याप्त समय पूर्व उसकी जानकारी पृथक संस्थान/महाविद्यालय को दी जानी चाहिए) जो कि सम्बद्ध उच्च शैक्षिक संस्थान के स्तर पर हो, जैसा कि धारा 1.2 में संकेत दिया गया है; एवं
- 5.4.2 जिस समय अभ्यर्थियों के लिए उनके शोध रुचि/क्षेत्र पर कोई चर्चा एक विधिवत् गठित विभागीय शोध समिति के समक्ष प्रस्तुतीकरण माध्यम से की गई हो तो उच्च शैक्षिक संस्थान द्वारा एक सहायकार/मौखिक सहायकार संचालित किया जाएगा जैसा कि उपरोक्त धारा 1.2 में संकेत दिया गया है।
- 5.5 सहायकार/मौखिक सहायकार में निम्नवत पहलुओं पर भी विचार किया जाएगा, अर्थात् क्या:
- 5.5.1 क्या अभ्यर्थी में प्रस्तावित शोध के लिए क्षमता है;
- 5.5.2 प्रस्तावित शोधकार्य सुलभतापूर्वक संस्थान/महाविद्यालय में क्रियान्वित किया जा सकता है;
- 5.5.3 प्रस्तावित शोध के क्षेत्र द्वारा नवीन/अतिरिक्त ज्ञान में योगदान प्राप्त हो सकता है।
- 5.6 विश्वविद्यालय अपनी वेबसाइट पर एम0फिल0/पीएच0डी0 के लिए पंजीकृत सभी छात्रों की सूची का रखरखाव वार्षिक आधार पर करेगा। सूची में पंजीकृत अभ्यर्थी का नाम, उसके शोध का विषय, उसके पर्यवेक्षक/सह-पर्यवेक्षक, भाषा(एँ)/पंजीकरण की तिथि आदि शामिल होंगे।
6. शोध पर्यवेक्षक का निर्धारण: शोध पर्यवेक्षक, सह-पर्यवेक्षक बनने हेतु पात्रता मानदण्ड, प्रति पर्यवेक्षक अनुमय एम0फिल0/पीएच0डी0 शोधार्थियों की संख्या आदि।
- 6.1 मानित विश्वविद्यालय का कोई भी नियमित रूप से नियुक्त आचार्य जिसने किसी संदर्भित पत्रिका में कम से कम पांच शोध प्रकाशन प्रकाशित किए हैं और विश्वविद्यालय/मानित विश्वविद्यालय संस्थान/महाविद्यालय का कोई नियमित सह/सहायक आचार्य जो पीएच0डी0 उपाधि धारक हो तथा जिसके संदर्भित पत्रिकाओं में कम से कम दो शोध प्रकाशन प्रकाशित किए गए हों उसे शोध पर्यवेक्षक के रूप में मान्यता प्रदान की जा सकती है।
- यद्यपि कि उन क्षेत्रों/विधाओं में जहाँ कोई भी संदर्भित पत्रिका नहीं हों अथवा केवल सीमित संस्था में संदर्भित पत्रिका हो, तो संस्थान किसी व्यक्ति को शोध पर्यवेक्षक के रूप में मान्यता प्रदान करने की उपर्युक्त शर्तों में लिखित रूप से कारण दर्ज कर छूट प्रदान कर सकता है।
- 6.2 केवल संबंधित विश्वविद्यालय/महाविद्यालय के पूर्णकालिक शिक्षक ही पर्यवेक्षक के रूप में कार्य कर सकते हैं। बाह्य पर्यवेक्षकों को अनुमति नहीं है। तथापि, उसी संस्थान के अन्य विभागों से अथवा अन्य संबद्ध संस्थानों से अंतर-विषयी क्षेत्रों में सह-पर्यवेक्षकों को शोध परामर्श समिति के अनुमोदन से अनुमति प्रदान की जा सकती है।
- 6.3 किसी चयनित शोधार्थी के लिए शोध पर्यवेक्षक के निर्धारण के संबंध में संबंधित विभाग द्वारा प्रति शोध पर्यवेक्षक विभाग द्वारा प्रति शोध पर्यवेक्षक विद्वानों की संख्या, पर्यवेक्षकों की विशेषज्ञता तथा विद्वानों की शोध रुचि, जैसा कि उनके द्वारा सहायकार/मौखिक सहायकार के समय इंगित किया गया हो, जिसके आधार पर निर्णय लिया जाएगा।
- 6.4 ऐसे शोध हेतु शीर्षक जो अंतर विषयी स्वरूप के हैं, जहाँ संबंधित विभाग यह महसूस करता है कि विभाग में उपलब्ध विशेषज्ञता की बाहर से अनुपूर्ति की जानी चाहिए, उस स्थिति में विभाग स्वयं अपने ही विभाग से शोध पर्यवेक्षक की नियुक्ति करेगा, जिसे शोध पर्यवेक्षक के रूप में जाना जाएगा और विभाग/संकाय/महाविद्यालय/संस्थान के बाहर से एक सह-पर्यवेक्षक को ऐसी निबंधन व शर्तों पर सह-पर्यवेक्षक नियुक्त किया जाएगा जैसा कि सहमति प्रदान करने वाले संस्थान/महाविद्यालयों द्वारा विनिर्दिष्ट किया जाएगा और जिनपर आपस में सहमति बनेगी।

- 6.5 किसी एक समय के दौरान कोई भी आचार्य के पद पर नियुक्त पदधारी, शोध पर्यवेक्षक/सह पर्यवेक्षक के रूप में तीन (03) एम0फिल0 तथा आठ (08) पीएच0डी0 शोधार्थियों से अधिक का मार्गदर्शन प्रदान नहीं कर सकता है। कोई भी सह आचार्य, शोध पर्यवेक्षक के रूप में अधिकतम दो (02) एम0फिल0 तथा छह (06) पीएच0डी0 शोधार्थियों को मार्गदर्शन प्रदान कर सकता है तथा शोध पर्यवेक्षक के रूप में सहायक आचार्य अधिकतम एक (01) एम0फिल0 और चार (04) पीएच0डी0 शोधार्थियों को मार्गदर्शन प्रदान कर सकता है।
- 6.6 विवाह अथवा अन्यथा किसी कारण से किसी एम0फिल0/पीएच0डी0 महिला शोधार्थी के अन्यत्र चले जाने पर, शोध आंकड़ों को ऐसे विश्वविद्यालय को अंतरित करने की अनुमति होगी जहां शोधार्थी पुनः जाना चाहे बशर्त कि इन विनियमों की अन्य सभी निबंधन और शर्तों का शब्दशः पालन किया जाए तथा शोध कार्य किसी मूल संस्थान/पर्यवेक्षक द्वारा किसी वित्तपोषण एजेंसी से प्राप्त न किया गया हो। तथापि, शोधार्थी मूल संस्थान के मार्गदर्शन तथा संस्थान को पूर्व में किए गए शोध कार्य के अंकों के लिए उसे पूर्ण श्रेय देगा।
7. पाठ्यक्रम संबंधी कार्य : श्रेय अपेक्षाएं, संख्या, अवधि, पाठ्यविवरण, कार्य पूर्ण करने के न्यूनतम मापदण्ड आदि।
- 7.1 एम0फिल0 और पीएच0डी0 पाठ्यक्रम संबंधी कार्य के लिए न्यूनतम 08 क्रेडिट तथा अधिकतम 18 क्रेडिट दिए जाएंगे।
- 7.2 पाठ्यक्रम संबंधी कार्य को एम0फिल0/पीएच0डी0 की तैयारी के लिए पूर्वापेक्षा माना जाएगा। शोध पद्धति पर एक या एक से अधिक पाठ्यक्रम को कम से कम चार क्रेडिट दिए जाएंगे जिसमें ऐसे क्षेत्र जैसे परिभाषात्मक पद्धति, कम्प्यूटर अनुप्रयोग, शोध संबंधी आचार्य तथा संगत क्षेत्र में प्रकाशित शोध की समीक्षा, प्रशिक्षण, क्षेत्र कार्य आदि शामिल हैं। अन्य पाठ्यक्रम उन्नत स्तर के पाठ्यक्रम होंगे जो छात्रों को एम0फिल0/पीएच0डी0 के लिए तैयार करेंगे।
- 7.3 एम0फिल0 और पीएच0डी0 के लिए विहित सभी पाठ्यक्रम तथा पाठ्यक्रम संबंधी कार्य क्रेडिट घंटे संबंधी अनुदेशात्मक अपेक्षाओं के अनुरूप होंगे तथा वह विषयवस्तु अनुदेशात्मक तथा मूल्यांकन संबंधी पद्धतियों को विनिर्दिष्ट करेंगे। ये प्राधिकृत शैक्षणिक निकायों द्वारा विधिवत रूप से अनुमोदित किए जाएंगे।
- 7.4 ऐसे विभाग जहाँ विद्वान अपना शोध कार्य जारी रखते हैं, वे शोध विद्वानों को शोध सलाहकार समिति की सिफारिशों के आधार पर नीचे दिए गए उप-खण्ड 8.1 में यथा विनिर्दिष्ट पाठ्यक्रमों को विहित करेंगे।
- 7.5 एम0फिल0 तथा पीएच0डी0 कार्यक्रमों में प्रवेश प्राप्त सभी अभ्यर्थियों को प्रारंभिक प्रथम अथवा दो सेमेस्टरों के दौरान विभाग द्वारा विहित पाठ्यक्रम संबंधी कार्य को पूर्ण करना अपेक्षित होगा।
- 7.6 पहले ही एम0फिल0 उपर्युक्त धारक अभ्यर्थी जिन्हें पीएच0डी0 पाठ्यक्रम में दाखिला प्राप्त हो गया है, अथवा जिन्होंने पहले ही एम0फिल0 में पाठ्यक्रम संबंधी कार्य पूर्ण कर लिया है तथा जिन्हें पीएच0डी0 समेकित पाठ्यक्रम में प्रवेश की अनुमति प्रदान की गई है, उन्हें विभाग द्वारा पीएच0डी0 पाठ्यक्रम संबंधी कार्य से छूट प्रदान की जा सकती है। अन्य सभी अभ्यर्थी जिन्हें पीएच0डी0 पाठ्यक्रम में प्रवेश दिया गया है उन्हें विभाग द्वारा विहित पीएच0डी0 पाठ्यक्रम संबंधी कार्य को पूर्ण करना अपेक्षित होगा।
- 7.7 शोध पद्धति पाठ्यक्रमों सहित पाठ्यक्रम संबंधी कार्य में ग्रेड को शोध सलाहकार समिति द्वारा समेकित मूल्यांकन किए जाने के बाद अंतिम रूप दिया जाएगा तथा संस्थान/महाविद्यालय को अंतिम ग्रेड के बारे में जानकारी प्रदान की जाएगी।
- 7.8 किसी एम0फिल0/पीएच0डी0 शोधार्थी को पाठ्यक्रम संबंधी कार्य में न्यूनतम 55% अंक अथवा विश्वविद्यालय अनुदान आयोग 7 बिंदु मानक पर इसके समकक्ष ग्रेड (अथवा जहाँ कहीं भी ग्रेडिंग प्रणाली अपनाई जाती है समकक्ष ग्रेड/सीजीपीए) प्राप्त करना होगा ताकि वह पाठ्यक्रम को जारी रखने के लिए पात्र हो तथा उसे शोध प्रबंध/थिसिस जमा करने होंगे।
8. शोध सलाहकार समिति तथा इसके प्रकार्यः
- 8.1 संबंधित संस्थान के परिनियम/अध्यादेश में यथा परिभाषित, प्रत्येक एम0फिल0 और पीएच0डी0 शोधार्थी के लिए इसी प्रयोजनार्थ एक शोध सलाहकार समिति, अथवा एक समकक्ष निकाय होगा। शोधार्थी का शोध पर्यवेक्षक इस समिति का समन्ययकर्ता होगा। इस समिति के उत्तरदायित्व निम्नवत होंगे:
- 8.1.1 शोध प्रस्तावों की समीक्षा करना तथा शोध के शीर्षक को अंतिम रूप देना;
- 8.1.2 शोधार्थी को अध्ययन दांचे तथा पद्धति को विकसित करने के लिए मार्गदर्शन प्रदान करना तथा उसके द्वारा पूर्ण किए जाने वाले पाठ्यक्रमों की पहचान करना।
- 8.1.3 शोधार्थी के शोध कार्य की आवधिक समीक्षा करना तथा प्रगति में सहायता प्रदान करना।
- 8.2 शोधार्थी छह माह में एक बार शोध सलाहकार समिति के समक्ष उपस्थित होकर मूल्यांकन तथा आगे का मार्गदर्शन प्राप्त करने के लिए अपने कार्य की प्रगति के संबंध में एक प्रस्तुति देगा। शोध सलाहकार समिति द्वारा छह मासिक प्रगति रिपोर्ट संस्थान/महाविद्यालय को तथा इसकी एक प्रति शोधार्थी को भेजी जाएगी।
- 8.3 यदि शोधार्थी की प्रगति असंतोषजनक हो तो, शोध सलाहकार समिति इसके कारण दर्ज करेगी तथा उपचारात्मक उपाय सुझाएगी। यदि शोधार्थी इन उपचारात्मक उपायों को कार्यान्वित करने में असफल बना रहता है तो शोध

सलाहकार समिति शोधार्थी के पंजीकरण को रद्द करने के विशिष्ट कारण दर्ज कर संस्थान/महाविद्यालय को इसकी सिफारिश कर सकती है।

9. उपाधि आदि अवार्ड करने के लिए मूल्यांकन तथा निर्धारण पद्धतियाँ, न्यूनतम मानदण्ड/क्रेडिट आदि

- 9.1 एम०फिल० उपाधि प्रदान करने के लिए पाठ्यक्रम संबंधी कार्य हेतु क्रेडिट सहित समग्र न्यूनतम क्रेडिट संबंधी अपेक्षाएँ 24 क्रेडिट से कम नहीं होंगी।
 - 9.2 पाठ्यक्रम संबंधी कार्य को सफलतापूर्वक पूर्ण करने के उपरान्त तथा उपर्युक्त 7.8 उप धाराओं में विहित अंक/ग्रेड प्राप्त करने पर, जैसा भी मामला हो, एम०फिल०/पीएच०डी० शोधार्थी द्वारा शोध कार्य आरंभ करना अपेक्षित होगा तथा इन विनियमों के आधार पर संबंधित संस्थान द्वारा यथा दिनिर्दिष्ट निर्धारित समय में एक मसौदा शोध प्रबंध/थीसिस जमा करना होगा।
 - 9.3 शोध प्रबंध/थीसिस को जमा करने से पूर्व, शोधार्थी संबंधित संस्थान की शोध सलाहकार समिति के समक्ष एक प्रस्तुति देगा जिसमें सभी संकाय सदस्यगण तथा अन्य शोधार्थी उपस्थित होंगे। उनसे प्राप्त हुई प्रतिक्रिया तथा टिप्पणियों को शोध सलाहकार समिति के परामर्श से मसौदा शोध प्रबंध/थीसिस में उपयुक्त रूप से शामिल किया जाए।
 - 9.4 मूल्यांकन किए जाने हेतु शोध प्रबंध/थीसिस जमा करने से पूर्व एम०फिल० शोधार्थी किसी सम्मेलन/संगोष्ठी में कम से कम एक (01) शोध पत्र प्रस्तुत करेगा तथा पीएच०डी० शोधार्थी संदर्भित पत्रिका में कम से कम (01) शोध पत्र अनिवार्य रूप से प्रकाशित कराएगा तथा अपने शोध प्रबंध/थीसिस प्रस्तुत करने से पूर्व, सम्मेलनों/संगोष्ठियों में न्यूनतम दो पेपर प्रस्तुत करेगा तथा इनके संबंध में प्रस्तुतीकरण प्रमाणपत्र और/अथवा पुनर्मुद्रणों के रूप में साक्ष्य प्रस्तुत करेगा।
 - 9.5 संस्थान की शिक्षा परिषद् (अथवा इसके समकक्ष निकाय), सुविचारित सॉफ्टवेयर तथा उपकरणों के विकास द्वारा सांख्यिक चोरी तथा शिक्षा संबंधी छल-कपट का पता लगावेगी। शोध प्रबंध/थीसिस को मूल्यांकन हेतु जमा करने से पूर्व शोधार्थी से एक धनबद्धता प्राप्त की जाएगी तथा शोध पर्यवेक्षक द्वारा कार्य की मौखिकता के अनुप्रमाणन स्वरूप एक प्रमाणपत्र जमा करना होगा, जिसमें यह आश्वासन दिया जाएगा कि किसी भी प्रकार की सांख्यिक चोरी नहीं की गई है तथा यह कार्य उसी संस्थान में जहाँ यह शोध कार्य किया गया था अथवा किसी अन्य संस्थान में किसी अन्य उपाधि/डिप्लोमा पाठ्यक्रम अवार्ड करने के लिए प्रस्तुत नहीं किया गया है।
 - 9.6 किसी भी शोधार्थी द्वारा प्रस्तुत किये गये एम०फिल० शोध प्रबंध का मूल्यांकन उसके शोध पर्यवेक्षक तथा कम से कम एक ऐसे बाह्य परीक्षक द्वारा किया जाएगा जो संस्थान/महाविद्यालय में नियोजित नहीं हो। अन्य बातों के साथ-साथ मूल्यांकन रिपोर्ट में की गई आलोचना पर मौखिक सहायता, दोनों परीक्षकों द्वारा एक साथ किया जाएगा, जिसमें शोध सलाहकार समिति के सदस्यगण तथा विभाग के संकाय सदस्यगण तथा अन्य शोधार्थी एवं इस विषय में रुचि लेने वाले अन्य विशेषज्ञ/शोधकर्ता भी भाग ले सकते हैं।
 - 9.7 शोधार्थी द्वारा जमा किए गए पीएच०डी० शोध प्रबंध का मूल्यांकन उसके शोध पर्यवेक्षक तथा कम से कम दो बाह्य परीक्षकों द्वारा किया जाएगा जो संस्थान/महाविद्यालय में नियोजित न हों, जिनमें से एक परीक्षक विदेश से भी हो सकता है। अन्य बातों के साथ-साथ मूल्यांकन रिपोर्ट में की गई आलोचना पर मौखिक परीक्षा, शोध पर्यवेक्षक तथा दो बाह्य परीक्षकों में से कम से कम एक बाह्य परीक्षक द्वारा की जाएगी, इसमें शोध सलाहकार समिति के सदस्यगण तथा विभाग में संकाय सदस्यगण तथा अन्य शोधार्थी और इस विषय में रुचि लेने वाले अन्य विशेषज्ञ/शोधकर्ता भी भाग ले सकते हैं।
 - 9.8 शोध प्रबंध/थीसिस के पक्ष में शोधार्थी की सार्वजनिक मौखिक परीक्षा केवल उस स्थिति में ही जाएगी जब शोध प्रबंध/थीसिस/पर बाह्य परीक्षक(ी) की मूल्यांकन रिपोर्ट संतोषजनक हो तथा उसमें मौखिक परीक्षा आयोजित करने के लिये विशिष्ट सिफारिश शामिल हो। एम०फिल० शोध प्रबंध के मामले में बाह्य परीक्षकों की मूल्यांकन रिपोर्ट अथवा पीएच०डी० शोध प्रबंध के मामले में बाह्य परीक्षक की कोई एक मूल्यांकन रिपोर्ट असंतोषजनक होने पर तथा उसमें मौखिक परीक्षा की सिफारिश नहीं किए जाने पर संस्थान परीक्षकों के अनुमोदित ढंग में से किसी अन्य बाह्य परीक्षक को शोध प्रबंध/थीसिस भेजेगा तथा नए परीक्षक की रिपोर्ट संतोषजनक पाए जाने पर ही मौखिक परीक्षा आयोजित की जाएगी। यदि नए परीक्षक की रिपोर्ट भी असंतोषजनक हो तो, शोध प्रबंध/थीसिस को अस्वीकार कर दिया जाएगा तथा शोधार्थी को उपाधि प्रदान करने के लिए अपात्र घोषित कर दिया जाएगा।
 - 9.9 संस्थान उपर्युक्त पद्धति विकसित करेंगे ताकि शोध प्रबंध/थीसिस जमा करने की तिथि से छह माह की अवधि के भीतर एम०फिल० शोध प्रबंध/पीएच०डी० शोध प्रबंध के मूल्यांकन की समग्र प्रक्रिया पूर्ण की जा सके।
- 10. एम०फिल०/पीएच०डी० पाठ्यक्रमों को प्रस्तुत करने के लिए महाविद्यालयों द्वारा पूर्ण की जाने वाली शैक्षणिक, प्रशासनिक तथा अवसंरचनात्मक अपेक्षाएँ**
- 10.1 महाविद्यालयों को केवल उस स्थिति में एम०फिल०/पीएच०डी० पाठ्यक्रम को प्रस्तुत करने हेतु पात्र माना जाएगा जब वे इन विनियमों के अनुरूप पात्र शोध पर्यवेक्षकों की उपलब्धता, अपेक्षित अवसंरचना और सहायक प्रशासनिक तथा शोध संवर्धन सुविधाएँ होने के संबंध में संतुष्ट कर पाएँगे।

- 10.2 महाविद्यालयों के स्नातकोत्तर विभाग, भारत सरकार/राज्य सरकार की शोध प्रयोगशालाएँ तथा राष्ट्रीय महत्व के संस्थान जिनके संबंधित विभाग में कम से कम दो पीएचडी0 अर्हता प्राप्त शिक्षक/वैज्ञानिक/अन्य शैक्षणिक स्टाफ हों तथा इन विनियमों के अनुरूप उप-खण्ड 10.3 में यथा विनिर्दिष्ट साथ ही अपेक्षित अपसंरचना, सहायक प्रशासनिक तथा शोध संबंधित सुविधाएँ मौजूद हों, उन्हें एम0फिल0/पीएचडी0 पाठ्यक्रम को प्रस्तुत करने के उन्हें पात्र माना जाएगा। इसके साथ-साथ महाविद्यालयों को उन संस्थानों से अनिवार्य मान्यता प्राप्त होनी चाहिए जिनके तहत वे कार्य करते हैं।
- 10.3 केवल निम्नानुसार उल्लिखित शोध हेतु पर्याप्त सुविधाओं वाले महाविद्यालय ही एम0फिल0/पीएचडी0 पाठ्यक्रमों को प्रस्तुत करेंगे:
- 10.3.1 विज्ञान और प्रौद्योगिकी विधियों के मामले में, संबंधित संस्थानों द्वारा यथा विनिर्दिष्ट नवीनतम उपकरण से सुसज्जित विशिष्ट शोध प्रयोगशालाएँ जिनमें प्रति शोधार्थी हेतु पर्याप्त स्थान की व्यवस्था हो, साथ ही कम्प्यूटर सुविधाएँ तथा अनिवार्य सॉफ्टवेयर तथा अबाधित विद्युत एवं जलापूर्ति की व्यवस्था होनी चाहिए;
- 10.3.2 नवीनतम पुस्तकों सहित चिह्नित ग्रंथालय संसाधन, भारतीय तथा अंतर्राष्ट्रीय जर्नल, ई-जर्नल, सभी विधाओं हेतु विस्तारित कार्य घंटे, विभाग/ग्रंथालय में शोधार्थियों हेतु पठन, लेखन हेतु पर्याप्त स्थान, अध्ययन तथा शोध सामग्री के भण्डारण की व्यवस्था होनी चाहिए;
- 10.3.3 संस्थान/महाविद्यालय आसपास के संस्थानों/महाविद्यालयों की अपेक्षित सुविधाओं तक पहुंच बना सकते हैं अथवा उन संस्थानों/महाविद्यालयों/अनुसंधान और शिक्षा प्रयोगशालाओं/संगठनों तक पहुंच बना सकते हैं जिनमें अपेक्षित सुविधाएँ हैं।
11. दूरस्थ शिक्षा पद्धति/अंशकालिक शिक्षा पद्धति के माध्यम से पीएचडी0/एम0फिल0 उपाधि का संचालन
- 11.1 वर्तमान में लागू इन विनियमों अथवा किसी नियम अथवा विनियम में अंतर्निहित किसी भी बात के बावजूद कोई भी विश्वविद्यालय, संस्थान, मानित विश्वविद्यालय एवं महाविद्यालय दूरस्थ शिक्षा पद्धति के माध्यम से एम0फिल0 और पीएचडी0 पाठ्यक्रम नहीं चलाएगा।
- 11.2 अंशकालिक आधार पर पीएचडी0 पाठ्यक्रम चलाने की अनुमति होगी वरतें मौजूदा पीएचडी0 विनियमों में उल्लिखित सभी शर्तें पूर्ण की जाएं।
12. इन विनियमों की अधिसूचना से पूर्व प्रदान की गयीं एम0फिल0/पीएचडी0 उपाधियाँ अथवा विदेशी विश्वविद्यालयों द्वारा प्रदान की गई उपाधियाँ
- 12.1 ऐसे अर्थर्थी जो एम0फिल0/पीएचडी0 पाठ्यक्रमों के लिए जुलाई, 11 2009 को अथवा उसके पश्चात्, इन विनियमों की अधिसूचना की तिथि तक पंजीकृत हुए थे, ऐसे अर्थर्थियों को उपाधि प्रदान किया जाना, इन यूजीसी (एम0फिल0/पीएचडी0 उपाधि प्रदान करने के न्यूनतम मानक एवं विधि) विनियम, 2009 के प्रावधानों द्वारा अभिशप्तित होगा।
- 12.2 यदि विदेशी विश्वविद्यालय द्वारा एम0फिल0/पीएचडी0 उपाधि प्रदान की जाती है तो ऐसी उपाधि पर विचार करने हेतु भारतीय संस्थान उस मामले को अवाई की गई उपाधि की समुतल्यता का निर्धारण करने के प्रयोजनार्थ उस मामले को संबंधित संस्थान द्वारा गठित स्थायी समिति को भेजेगा।
13. इन्फ्लिबनेट के साथ डिपोजिटरी :
- 13.1 एम0फिल0/पीएचडी0 उपाधि(यों) को अर्पाई करने हेतु सफलतापूर्वक मूल्यांकन प्रक्रिया पूर्ण हो जाने के पश्चात तथा एम0फिल0/पीएचडी0 उपाधि को प्रदान किये जाने की घोषणा से पूर्व, सम्बद्ध संस्थान एम0फिल0/पीएचडी0 शोध प्रबंध की एक इलेक्ट्रॉनिक प्रति इन्फ्लिबनेट के पास प्रदर्शित(होस्ट) करने के लिए जमा करेगा ताकि सभी संस्थानों/महाविद्यालयों तक इनकी पहुंच बनाई जा सके।
- 13.2 उपाधि को वास्तव में प्रदान करने से पूर्व उपाधि प्रदान करने वाला संस्थान इस आशय का एक अनंतिम प्रमाणपत्र जमा करेगा कि उपाधि, विश्वविद्यालय अनुदान आयोग विनियम, 2016 के प्रावधानों के अनुरूप प्रदान की गई है।

प्रो. जसपाल एस. सन्धू सचिव

[विज्ञापन-III/4/असा./143 (113)]

MINISTRY OF HUMAN RESOURCE DEVELOPMENT

UNIVERSITY GRANTS COMMISSION

NOTIFICATION

New Delhi, the 5th May, 2016

University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D Degrees) Regulations, 2016

[In supersession of the UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009, notified in The Gazette of India [No. 28, Part III- Section 4] for the week July 11-July 17, 2009]

No. F. 1-2/2009(EC/PS)V(I) Vol. II - 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) Regulation, 2009, notified in The Gazette of India [No. 28, Part III-Section 4] for the week July 11 — July 17, 2009, the University Grants Commission hereby makes the following Regulations, namely:-

1. Short title, Application and Commencement:

- 1.1 These Regulations may be called University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations, 2016.
- 1.2 They shall apply to every University established or incorporated by or under a Central Act, a Provincial Act, or a State Act, every affiliated college, and every Institution Deemed to be a University under Section 3 of UGC Act, 1956.
- 1.3 They shall come into force from the date of their publication in the Gazette of India.

2. Eligibility criteria for admission to the M.Phil. programme:

- 2.1 Candidates for admission to the M.Phil. programme shall have a Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.
- 2.2 A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC(non-creamy layer)/Differently-Abled and other categories of candidates as per the decision of the Commission from time to time, or for those who had obtained their Master's degree prior to 19th September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.

3. Eligibility criteria for admission to Ph.D. programme:

Subject to the conditions stipulated in these Regulations, the following persons are eligible to seek admission to the Ph.D. programme:

- 3.1 Master's Degree holders satisfying the criteria stipulated under Clause 2 above.
- 3.2 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 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 and other categories of candidates as per the decision of the Commission from time to time.

- 3.3 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;
 - 3.4 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. **Duration of the Programmes:**
- 4.1 M.Phil. programme shall be for a minimum duration of two (2) consecutive semesters / one year and a maximum of four (4) consecutive semesters / two years.
 - 4.2 Ph.D. programme shall be for a minimum duration of three years, including course work and a maximum of six years.
 - 4.3 Extension beyond the above limits will be governed by the relevant clauses as stipulated in the Statute/Ordinance of the individual Institution concerned.
 - 4.4 The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of one year for M.Phil and two years for Ph.D. in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of M.Phil/Ph.D. for up to 240 days.
5. **Procedure for admission:**
- 5.1 All Universities and Institutions Deemed to be Universities shall admit M.Phil/Ph.D. students through an Entrance Test conducted at the level of Individual University/Institution Deemed to be a University. The University/Institution Deemed to be a University may decide separate terms and conditions for Ph.D. Entrance Test for those students who qualify UGC-NET (including JRF)/UGC-CSIR NET (including JRF)/SLET/GATE/teacher fellowship holder or have passed M.Phil programme. Similar approach may be adopted in respect of Entrance Test for M.Phil programme.
 - 5.2 Higher Educational Institutions (HEIs) referred to in sub-clause 1.2 above and Colleges under them which are allowed to conduct M.Phil. and/or Ph.D. programmes, shall:
 - 5.2.1 decide on an annual basis through their academic bodies a predetermined and manageable number of M.Phil. and/or Ph.D. scholars to be admitted depending on the number of available Research Supervisors and other academic and physical facilities available, keeping in mind the norms regarding the scholar-teacher ratio (as indicated in Para 6.5), laboratory, library and such other facilities;
 - 5.2.2 notify well in advance in the institutional website and through advertisement in at least two (2) national newspapers, of which at least one (1) shall be in the regional language, the number of seats for admission, subject/discipline-wise distribution of available seats, criteria for admission, procedure for admission, examination centre(s) where entrance test(s) shall be conducted and all other relevant information for the benefit of the candidates;
 - 5.2.3 adhere to the National/State-level reservation policy, as applicable.
 - 5.3 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 bodies concerned, and taking into account the reservation policy of the Central/State Government from time to time.
 - 5.4 HEIs as mentioned in Clause 1.2 shall admit candidates by a two stage process through:
 - 5.4.1 An Entrance Test shall be qualifying with qualifying marks as 50%. The syllabus of the Entrance Test shall consist of 50% of research methodology and 50% shall be

subject specific. The Entrance Test shall be conducted at the Centre(s) notified in advance (changes of Centres, if any, also to be notified well in advance) at the level of the individual HEI as mentioned in clause 1.2; and

- 5.4.2 An interview/viva-voce to be organized by the HEI as mentioned in clause 1.2 when the candidates are required to discuss their research interest/area through a presentation before a duly constituted Department Research Committee.
 - 5.5 The interview/viva voce shall also consider the following aspects, viz. whether:
 - 5.5.1 the candidate possesses the competence for the proposed research;
 - 5.5.2 the research work can be suitably undertaken at the Institution/College;
 - 5.5.3 the proposed area of research can contribute to new/additional knowledge.
 - 5.6 The University shall maintain the list of all the M.Phil. / Ph.D. registered students on its website on year-wise basis. The list shall include the name of the registered candidate, topic of his/her research, name of his/her supervisor/co-supervisor, date of enrolment/registration.
6. Allocation of Research Supervisor: Eligibility criteria to be a Research Supervisor, Co- Supervisor, Number of M.Phil./Ph.D. scholars permissible per Supervisor, etc.
- 6.1 Any regular Professor of the University/Institution Deemed to be a University/College with at least five research publications in refereed journals and any regular Associate/Assistant Professor of the university/institution deemed to be a university/college with a Ph.D. degree and at least two research publications in refereed journals may be recognized as Research Supervisor.

Provided that in areas/disciplines where there is no or only a limited number of refereed journals, the Institution may relax the above condition for recognition of a person as Research Supervisor with reasons recorded in writing.
 - 6.2 Only a full time regular teacher of the concerned University/Institution Deemed to be a University/College can act as a supervisor. The external supervisors are not allowed. However, Co-Supervisor can be allowed in inter-disciplinary areas from other departments of the same institute or from other related institutions with the approval of the Research Advisory Committee.
 - 6.3 The allocation of Research Supervisor for a selected research scholar shall be decided by the Department concerned depending on the number of scholars per Research Supervisor, the available specialization among the Supervisors and research interests of the scholars as indicated by them at the time of interview/viva voce.
 - 6.4 In case of topics which are of inter-disciplinary nature where the Department concerned feels that the expertise in the Department has to be supplemented from outside, the Department may appoint a Research Supervisor from the Department itself, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Department/ Faculty/College/Institution on such terms and conditions as may be specified and agreed upon by the consenting Institutions/Colleges.
 - 6.5 A Research Supervisor/Co-supervisor who is a Professor, at any given point of time, cannot guide more than three (3) M.Phil. and Eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can guide up to a maximum of two (2) M.Phil. and six (6) Ph.D. scholars and an Assistant Professor as Research Supervisor can guide up to a maximum of one (1) M.Phil. and four (4) Ph.D. scholars.
 - 6.6 In case of relocation of an M.Phil./Ph.D. woman scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the scholar intends to relocate provided all the other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institution/ supervisor from any funding agency. The scholar will however give due credit to the parent guide and the institution for the part of research already done.
7. Course Work: Credit Requirements, number, duration, syllabus, minimum standards for completion, etc.
- 7.1 The credit assigned to the M.Phil. or Ph.D. course work shall be a minimum of 08 credits and a maximum of 16 credits.

- 7.2 The course work shall be treated as prerequisite for M.Phil./Ph.D. preparation. A minimum of four credits shall be assigned to one or more courses on Research Methodology which could cover areas such as quantitative methods, computer applications, research ethics and review of published research in the relevant field, training, field work, etc. Other courses shall be advanced level courses preparing the students for M.Phil./Ph.D. degree.
 - 7.3 All courses prescribed for M.Phil. and Ph.D. course work shall be in conformity with the credit hour instructional requirement and shall specify content, instructional and assessment methods. They shall be duly approved by the authorized academic bodies.
 - 7.4 The Department where the scholar pursues his/her research shall prescribe the course(s) to him/her based on the recommendations of the Research Advisory Committee, as stipulated under sub-Clause 8.1 below, of the research scholar.
 - 7.5 All candidates admitted to the M.Phil. and Ph.D. programmes shall be required to complete the course work prescribed by the Department during the initial one or two semesters.
 - 7.6 Candidates already holding M. Phil. degree and admitted to the Ph.D. programme, or those who have already completed the course work in M.Phil. and have been permitted to proceed to the Ph.D. in integrated course, may be exempted by the Department from the Ph.D. course work. All other candidates admitted to the Ph.D. programme shall be required to complete the Ph.D. course work prescribed by the Department.
 - 7.7 Grades in the course work, including research methodology courses shall be finalized after a combined assessment by the Research Advisory Committee and the Department and the final grades shall be communicated to the Institution/College.
 - 7.8 A M.Phil./Ph.D. scholar has to obtain a minimum of 55% of marks or its equivalent grade in the UGC 7-point scale (or an equivalent grade/CGPA in a point scale wherever grading system is followed) in the course work in order to be eligible to continue in the programme and submit the dissertation/thesis.
8. **Research Advisory Committee and its functions:**
- 8.1 There shall be a Research Advisory Committee, or an equivalent body for similar purpose as defined in the Statutes/Ordinances of the Institution concerned, for each M.Phil. and Ph.D. scholar. The Research Supervisor of the scholar shall be the Convener of this Committee. This Committee shall have the following responsibilities:
 - 8.1.1 To review the research proposal and finalize the topic of research;
 - 8.1.2 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.
 - 8.1.3 To periodically review and assist in the progress of the research work of the research scholar.
 - 8.2 A research scholar shall appear before the Research Advisory Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The six monthly progress reports shall be submitted by the Research Advisory Committee to the Institution/College with a copy to the research scholar.
 - 8.3 In case the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the Institution/College with specific reasons for cancellation of the registration of the research scholar.
9. **Evaluation and Assessment Methods, minimum standards/credits for award of the degree, etc.:**
- 9.1 The overall minimum credit requirement, including credit for the course work, for the award of M.Phil. degree shall not be less than 24 credits.
 - 9.2 Upon satisfactory completion of course work, and obtaining the marks/grade prescribed in sub-clauses 7.8 above, as the case may be, the M.Phil./Ph.D. scholar shall be required to undertake research work

and produce a draft dissertation/thesis within a reasonable time, as stipulated by the Institution concerned based on these Regulations.

- 9.3 Prior to the submission of the dissertation/thesis, the scholar shall make a presentation in the Department before the Research Advisory Committee of the Institution concerned which shall also be open to all faculty members and other research scholars. The feedback and comments obtained from them may be suitably incorporated into the draft dissertation/thesis in consultation with the Research Advisory Committee.
- 9.4 M.Phil scholars shall present at least one (1) research paper in a conference/seminar and Ph.D. scholars must publish at least one (1) research paper in refereed journal and make two paper presentations in conferences/seminars before the submission of the dissertation/thesis for adjudication, and produce evidence for the same in the form of presentation certificates and/or reprints.
- 9.5 The Academic Council (or its equivalent body) of the Institution shall evolve a mechanism using well developed software and gadgets to detect plagiarism and other forms of academic dishonesty. While submitting for evaluation, the dissertation/thesis shall have an undertaking from the research scholar and 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.
- 9.6 The M.Phil. dissertation submitted by a research scholar shall be evaluated by his/her Research Supervisor and at least one external examiner who is not in the employment of the Institution/College. The viva-voce examination, based among other things, on the critiques given in the evaluation report, shall be conducted by both of them together, and shall be open to be attended by Members of the Research Advisory Committee, all faculty members of the Department, other research scholars and other interested experts/researchers.
- 9.7 The Ph.D. thesis submitted by a research scholar shall be evaluated by his/her Research Supervisor and at least two external examiners, who are not in employment of the Institution/College, of whom one examiner may be from outside the country. The viva-voce examination, based among other things, on the critiques given in the evaluation report, shall be conducted by the Research Supervisor and at least one of the two external examiners, and shall be open to be attended by Members of the Research Advisory Committee, all faculty members of the Department, other research scholars and other interested experts/researchers.
- 9.8 The public viva-voce of the research scholar to defend the dissertation/thesis shall be conducted only if the evaluation report(s) of the external examiner(s) on the dissertation/thesis is/are satisfactory and include a specific recommendation for conducting the viva-voce examination. If the evaluation report of the external examiner in case of M.Phil. dissertation, or one of the evaluation reports of the external examiner in case of Ph.D. thesis, is unsatisfactory and does not recommend viva-voce, the Institution shall send the dissertation/thesis to another external examiner out of the approved panel of examiners and the viva-voce examination shall be held only if the report of the latest examiner is satisfactory. If the report of the latest examiner is also unsatisfactory, the dissertation/thesis shall be rejected and the research scholar shall be declared ineligible for the award of the degree.
- 9.9 The Institutions shall develop appropriate methods so as to complete the entire process of evaluation of M.Phil. dissertation/ Ph.D. thesis within a period of six months from the date of submission of the dissertation/thesis.
10. Academic, administrative and infrastructure requirement to be fulfilled by Colleges for getting recognition for offering M.Phil./Ph.D. programmes:
 - 10.1 Colleges may be considered eligible to offer M.Phil./Ph.D programmes only if they satisfy the availability of eligible Research Supervisors, required infrastructure and supporting administrative and research promotion facilities as per these Regulations.
 - 10.2 Post-graduate Departments of Colleges, Research laboratories of Government of India/State Government with at least two Ph.D. qualified teachers/scientists/other academic staff in the Department concerned along with required infrastructure, supporting administrative and research promotion facilities as per these Regulations, stipulated under sub-clause 10.3, shall be considered eligible to offer M.Phil./Ph.D. programmes. Colleges should additionally have the necessary recognition by the

- Institution under which they operate to offer M.Phil/Ph.D. programme.
- 10.3 Colleges with adequate facilities for research as mentioned below alone shall offer M.Phil/Ph. D. programmes:
- 10.3.1 In case of science and technology disciplines, exclusive research laboratories with sophisticated equipment as specified by the Institution concerned with provision for adequate space per research scholar along with computer facilities and essential software, and uninterrupted power and water supply;
- 10.3.2 Earmarked library resources including latest books, Indian and International journals, e-journals, extended working hours for all disciplines, adequate space for research scholars in the Department/ library for reading, writing and storing study and research materials;
- 10.3.3 Colleges may also access the required facilities of the neighbouring Institutions/Colleges, or of those Institutions/Colleges/R&D laboratories/Organizations which have the required facilities.
11. Treatment of Ph.D / M.Phil. through Distance Mode/Part-time:
- 11.1 Notwithstanding anything contained in these Regulations or any other Rule or Regulation, for the time being in force, no University; Institution, Deemed to be a University and College shall conduct M.Phil. and Ph.D. Programmes through distance education mode.
- 11.2 Part-time Ph.D will be allowed provided all the conditions mentioned in the extant Ph.D Regulations are met.
12. Award of M.Phil./Ph.D. degrees prior to Notification of these Regulations, or degrees awarded by foreign Universities:
- 12.1 Award of degrees to candidates registered for the M.Phil./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 Awards of M.Phil/Ph.D Degree) Regulation, 2009.
- 12.2 If the M.Phil/Ph.D. degree is awarded by a Foreign University, the Indian Institution considering such a degree shall refer the issue to a Standing Committee constituted by the concerned institution for the purpose of determining the equivalence of the degree awarded by the foreign University.
13. Depository with INFLIBNET:
- 13.1 Following the successful completion of the evaluation process and before the announcement of the award of the M.Phil./Ph.D. degree(s), the Institution concerned shall submit an electronic copy of the M.Phil. dissertation /Ph. D. thesis to the INFLIBNET, for hosting the same so as to make it accessible to all Institutions/Colleges.
- 13.2 Prior to the actual award of the degree, the degree-awarding Institution shall issue a provisional Certificate to the effect that the Degree has been awarded in accordance with the provisions of these UGC Regulations, 2016.

Prof. JASPAL S. SANDHU, Secy.

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