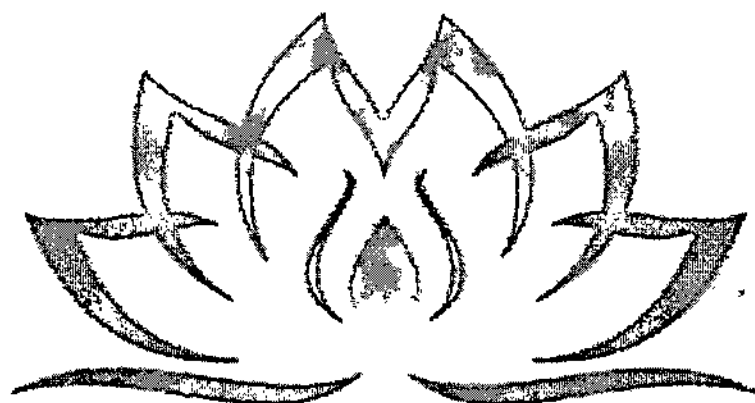


Mewar University

Gangrar, Chittorgarh, Rajasthan, 312901



Mewar University
Knowledge to Wisdom

MEWAR UNIVERSITY PH.D. MANUAL 2017
Applicable to Ph.D. Scholars from July 2010 to Feb 2016
Date: 10 Jun 2017



Amendments to Mewar University PhD Admission Guidelines 2009: Applicable to candidates registered for the Ph.D. programme from July 2010 to Feb 2016

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 programmes across disciplines such as Engineering, Management, Pharmacy, Computer Science, Education, Commerce, and Basic Sciences.

Mewar University emphasizes academic excellence, skill development, 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, sports facilities, and hostel accommodation. 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 University invites applications for admission to PhD programmes 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. Eligibility for Admission

Mewar University, Chittorgarh (hereinafter called the University), on biannual basis, shall decide a predetermined and manageable number of Ph.D vacancies depending on the number of available eligible Faculty Supervisors. A Candidate seeking admission/registration for the degree of Ph.D in a university must hold a PG Degree with minimum 50% marks or equivalent grade or a Professional degrees like CA/ICWA/CS. Foreign Nationals registering for Ph.D programme with Mewar University must obtain 50% marks or equivalent grades in the qualifying PG degree and shall be eligible as per UGC/AIU guidelines in this respect. Notwithstanding anything contained in the above-mentioned rules, the eligibility criteria/guidelines prescribed and/or issued by AICTE and/or UGC and/or



AIU from time to time shall also be applicable for admission/registration to Ph.D programme(s) of the University.

3. Admission Process

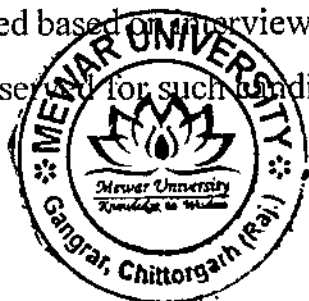
(a) The University shall invite applications for admission to the Ph.D. programme twice a year and notify on the University website well in advance for wider publicity. However, candidates may download the application form from the University website and submit it directly to the University.

(b) A candidate seeking admission for Ph.D. programme must apply to the University on the prescribed application form along with relevant supporting documents and academic transcripts/certificates (from higher secondary onwards), and application fee (as mentioned on the application form).

(c) A candidate shall normally be registered for a Ph.D. programme in the relevant subject in which he/she has passed his/her qualifying examination. The decision of the Board of Research Studies shall be treated as final related to the topic/subject of research.

(d) (i) The Ph.D candidates with a Master's degree shall be admitted through an entrance test conducted at the level of the University, followed by an interview/pre-RDC interaction, where a candidate discusses his/her research interest/area. A candidate who secured a minimum 50% marks in the entrance test shall be called for an interview. Overall, the minimum qualifying marks in the entrance and interview will be 50% in each. Admission will be based on a subject-wise merit list prepared.

(ii) 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



mentioned in d (i) if seats remain vacant. In case M.Phil candidates applied under the entrance test category, they will be included in the merit list prepared for d(i).

(iii) A Master's degree candidate qualified UGC/CSIR/ARS NET/SLET/GATE will be directly called for the interview/pre-RDC interaction. A separate merit will be prepared based on interview marks, and 30% of the seats-matrix will be reserved for such candidates, which can be transferred to candidates mentioned in d (i) if seats remain vacant.

(e) National/State reservation policy shall be paid due attention.

4. Supervisor(s) and Seat Allocation:

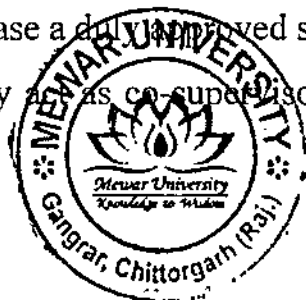
(a) The faculty members (Regular/Visiting/Adjunct/Guest) possessing Ph.D degree and having demonstrable research experience shall be recognized as Research Supervisors for Ph.D. programmes.

(b) A Supervisor shall not have, at any given point of time, more than eight Ph.D. Scholars.

(c) The seat matrix prepared in advance based on the availability of the number of available eligible Faculty Supervisors and shall be notified on the website during the call for "Ph.D applications" for wider publicity.

(d) The BRS through the Director of Research will allocate a supervisor to the candidate in a formal manner, based on the number of students per faculty member, the available specializations among faculty supervisors, and the student's research interests as indicated during the interview. The Director Research can also recommend a co-supervisor to the candidate in case of interdisciplinary work. The allotment of a supervisor shall not be left to the individual student or faculty member.

(e) In case a duly approved supervisor leaves the institute for any reason, he/she may act as co-supervisor for the candidate and the President (Vice



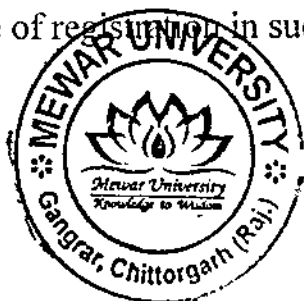
Chancellor) through Director Research will allot a new supervisor/co-supervisor to the candidate based on his/her area of research from the approved list of supervisors. Co-supervisors can also act as Supervisors under such circumstances.

5. Course Work and RDC

5.1 After admission, each Ph.D student shall undertake coursework for a minimum period of one semester, with a maximum of two allowed attempts. This shall be considered pre-PhD preparation and must include a course on research methodology, which may include quantitative methods and computer applications. It may also involve a review of published research articles in the relevant field. The coursework consists of 12 credits divided into three papers: Paper I: Research Methodology (4 Credits); Paper II: ICT (2 Credits); and Paper III: Dissertation and Presentation related to the proposed area of research (6 Credits). Candidate securing a minimum 40% marks or equivalent grade to be declared a pass in the coursework.

5.2 M.Phil/PGRI candidates admitted to the Ph.D programme shall be exempted from the coursework requirement, provided they have undertaken a mandatory paper on research methodology during their M.Phil/PGRI.

5.3 The candidate, after being admitted to the Ph.D. programme, shall also appear at least once before the 'Research Degree Committee' (RDC) to discuss his/her research topic and potential work opportunities. Upon the supervisor's recommendation, the RDC meeting can be held before the candidate completes the coursework, provided he/she is prepared with the research proposal in the prescribed format. The RDC meeting can be held more than once upon the committee's recommendation. The date of successful appearance of the candidate before the RDC shall be treated as the date of registration in such cases.



6. Duration of Ph.D. Programme

6.1 The Ph.D. programme shall have a minimum duration of 3 years and a maximum duration of 6 years counted from 30 May 2017.

6.2 An extension of up to 3 years may be granted by the Vice-Chancellor on the recommendation of the Supervisor through the Director Research.

7. Evaluation And Assessment Methods:

7.1 PhD students must pass the coursework exam within a maximum of two attempts, following the completion of one Semester coursework and prior to the pre-submission of the thesis.

7.2 The student can undertake research work after the RDC. The candidates will do quality work and publish at least one research paper in a referred journal before the submission of the thesis/monograph within a reasonable time for adjudication and produce evidence for the same in the form of acceptance letter or the reprint.

7.3 The student can submit the Ph.D. thesis only after two years of research work as per 'Ph.D Thesis Preparation Manual of Mewar University' subject to successful completion of course work and RDC.

7.4 The supervisor will monitor the research work done by the PhD scholar and submit the report of the same to the Director Research as the schedule permits before doing the pre-submission of the thesis.

7.5 Before the final Ph.D. thesis submission, the candidate shall do a pre-submission and presentation before the committee 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 under advice of supervisor.

7.6 A student may have to reappear for pre-presentation if the committee suggest the work not suitable for final presentation.



7.7 The thesis submitted by the Ph.D candidate shall be evaluated by at least two experts as examiners, out of which one may be from outside the state and the other examiner may be selected from outside the country, if possible.

7.8 The final viva-voce shall be openly defended only after satisfactory evaluation reports from external examiner(s). If an examiner does not recommend the viva, the thesis shall be sent to another approved external examiner. If the second report is also unsatisfactory, the thesis shall be rejected.

7.9 After successfully completing the evaluation process and announcing the awarding of the Ph.D., the University will submit a soft copy of the Ph.D. thesis to the UGC for hosting in INFLIBNET, making it accessible to all institutions/universities.

7.10 Following a successful defense of the viva voce, the University will issue a provisional certificate confirming that the degree has been awarded in accordance with the provision of the UGC and University guidelines.

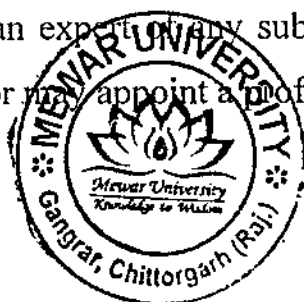
8. Research Degree Committee (RDC) and its functions:

8.1 Composition-

S. No.	Designation	Position
1.	Dean/HOD	Chairperson
2.	Supervisor/Guide	Member
3.	Expert 1	Member
4.	Expert 2	Member
5.	Director Research/COE/Registrar	Secretary

*Co-supervisor if applicable.

*In case an expert of any subject is not available in the University, Vice Chancellor may appoint a professor from other university.



8.2 Functions of RDC-

8.2.1 Examine the summary/ synopsis of the proposed M.Phil /Ph.D. work for provisional registration of a candidate and provide its recommendation.

The committee shall satisfy itself that the proposed topic is one on which the Ph.D. work can be pursued under the guidance of the proposed guide/supervisor(s), and that the candidate possesses the requisite qualifications and that the adequate facilities and equipment for the work do exist at the proposed place of work.

8.2.2 If the Chairperson is unable to attend the meeting, the senior most member present in the meeting shall act as the Chairperson

9. Process for Approval & Submission of Proposed Research Work (Synopsis)

9.1 The research scholar shall submit his/her proposed research work (Synopsis) in the prescribed format as given in Annexure as approved by the allotted supervisor.

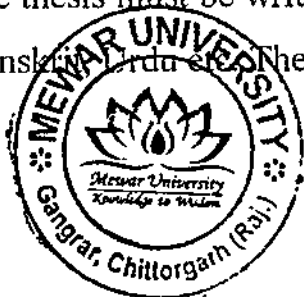
9.2 The RDC shall examine the research proposal and suggest suitable modification/ alterations, if any. The scholar shall incorporate suggested changes and resubmit the research proposal to the satisfaction of RDC

9.3 After the approval by the RDC the research proposal/ Synopsis (Two Copies in specified format through proper channel must be submitted to the Director Research.

9.4 If the scholar fails to submit his/her synopsis within the stipulated time the admission of such a candidate stands cancelled automatically and he/she will have to reappear in the Entrance Test.

10. Thesis Preparation Guidelines

10.1 The thesis must be written in English other than for the subjects like Hindi, Sanskrit, Urdu etc. The use of Hindi as a medium of expression may



be allowed with the approval from the Director of Research through supervisor. The thesis shall comply with the following conditions:

10.2 The thesis must constitute original research characterized by either the discovery of new facts or a fresh interpretive approach to existing theories. In either case, it should demonstrate the candidate's ability for critical analysis and sound judgment.

10.3 Additionally, the thesis must be satisfactory in terms of its literary presentation.

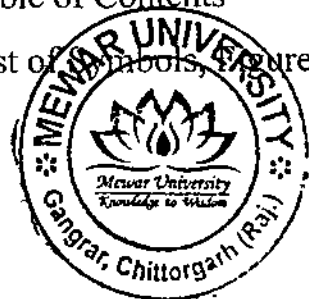
10.4 The document should be typed on one side, adhering to the format and specifications outlined in the "Manual for Preparation of Ph.D Thesis" provided by the University.

10.5 The detailed guidelines regarding thesis preparation are available on the university website.

11. 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 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

12. Pre Submission Presentation/Seminar Guidelines

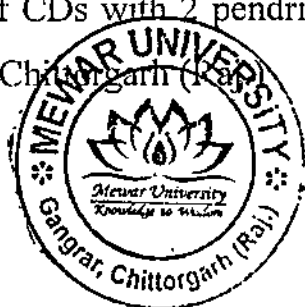
12.1 A Pre-Ph.D. Submission presentation with Power Point Presentations (PPT) on the contents of the thesis before the Committee and its approval is essential requirement for final submission of the Thesis by research Scholar.

12.2 On completion of the research work and complying with the other submission requirements a research scholar shall be required to submit a Draft copy of the thesis to the Supervisor(s). Supervisor(s) shall carefully go through the Draft Thesis and suggest changes if any to the research scholar.

12.3 The Research scholar shall re-submit the amended Draft Thesis to the Supervisor(s) within a reasonable time. The Supervisor will forward amended Draft Thesis to the Director Research and will arrange for pre-Ph.D. Presentation before Committee with the help of PPT.

12.4 The Committee after going through the presentation of the Draft Thesis by the research scholar shall take one of the following actions:

12.5 If Committee is fully satisfied with the research work completed by the research scholar and the contents of the Draft Thesis, it will recommend final submission of the thesis in Six copies along with four (04) abstract and 06 sets of CDs with 2 pendrives to Director Research, Mewar University Gangrar, Chittorgarh (Raj.)



12.6 If Committee is not satisfied with the thesis submitted by the research scholar it will advise the research scholar to make the specific changes and re-submit the same within reasonable time period.

13. Requirements for Submitting Ph.D. Thesis

13.1 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. [Annexure-07]

S. No.	Name of Faculty	Colours of Cover
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

13.2 Inner Cover Page/ Title Page

Colour print of the cover page on a thick and smooth white paper.

13.3 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.

13.4 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.

13.5 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.

13.6 Copy Right Transfer Certificate

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

13.7 Plagiarism Report

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

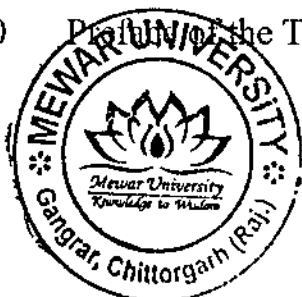
13.8 Acknowledgements

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

13.9 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.

13.10 Proof 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.

13.11 Table of Contents

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

13.12 List of Symbols, Figures and Tables, if any

The list of symbols, figures and tables should be placed in thesis as per format available.

13.13 Introduction

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

13.14 Literature Review

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

13.15 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.

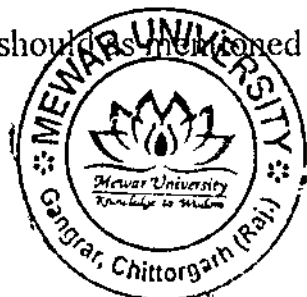
13.16 Conclusions

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.

13.17 References

References should be 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.

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.

12.18 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.

1. 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.

2. Supervisor's Profile

Complete Bio-Data using Publications in brief

- For further details please refer to the University Grants Commission (Minimum Standards and Procedure for Award of M.PHIL./PH.D Degree) Regulation, 2009 available at UGC Website





MEWAR UNIVERSITY

CHITTORGARH, RAJASTHAN - 312 901, INDIA

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

Session - 2 0 1 - 1

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

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

A. 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.

CLASS 10th	YEAR OF PASSING		INSTITUTION		☐ CBSE ☐ ICSE ☐ STATE BOARD	
			Marks Obtained		% of marks	
			Maximum Total			
CLASS 12th	☐ Science ☐ Art ☐ Commerce	YEAR OF PASSING	INSTITUTION		☐ CBSE ☐ ICSE ☐ STATE BOARD	
			Marks Obtained		% of marks	
			Maximum Total			
BACHELOR'S (SPECIFY)	DISCIPLINE	YEAR OF PASSING	INSTITUTION		UNIVERSITY	
			Marks Obtained		% of marks	
			Maximum Total			
MASTER'S (SPECIFY)	DISCIPLINE	YEAR OF PASSING	INSTITUTION		UNIVERSITY	
			Marks Obtained		% of marks	
			Maximum Total			
Phil.	DISCIPLINE	YEAR OF PASSING	INSTITUTION		UNIVERSITY	
			Marks Obtained		% of marks	
			Maximum Total			

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. 1000/- |

Signature of Candidate



Date :



MEWAR UNIVERSITY

Ph.D. Entrance Examination

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

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



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 slide4s, slide show and editing custom slide, resizing a text box, Text Box Properties, Delete text Box, Bulleted Lists, number ED lists, adding notes, video and audio, Adding text editing options, Formatting text, Replace fonts, Line spacing, change case spelling check, color schemes, Adding clip art, Adding an image form a file, Editing graphic, Auto Shapes, Word Art, backgrounds, Action Buttons, Slide Animation, Preview Slide transactions, Slide Show options, Slide Master, Header and Footer, Slide Numbers, Date and Time.
4. **Education and Research Resource son Net:** Encyclopedia, Wikipedia, On-Line Tutorials and lectures, Virtual labs, Open Course-wares, 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



(A typical Specimen of Cover Page & Title Page)

TITLE

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A Synopsis

Submitted

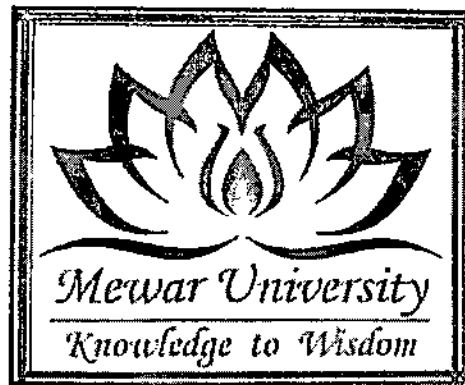
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In Partial Fulfillment of the Requirements for
the Degree of

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DOCTOR OF PHILOSOPHY

<Arial>



(Name of Supervisor)
Supervisor

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

DEPARTMENT OF.....

FACULTY OF

MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

<Arial> <1.0 line spacing>

Year





MEWAR UNIVERSITY

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

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

1. Introduction -

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

2. Location:-

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

3. Important of the Proposed research: -

4. Literature Survey:-

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

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

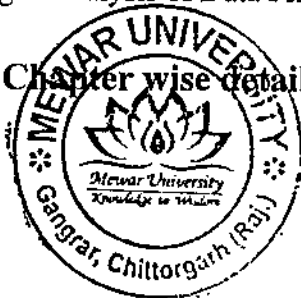
In this section the scholar is supposed to give the objectives (number wise) of the Research work related to his/her proposed PhD thesis. She/he is also supposed to give the scope/limitations of the investigations/study. In this section towards the end "Major Research Hypothesis should be developed.

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

This section should be précised, focused and include the following

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

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



8. References/Bibliography:-

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

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

Note:

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



OFFICE OF THE REGISTRAR
MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Ref. No.: MU/RO/2017/600

30th May, 2017

NOTICE

Subject: Amendments to Mewar University Ph.D. Admission Guidelines, 2009

In pursuant to the recommendations of the Academic Council dated 23 December 2016 and the approval of the Board of Management in its meeting held on 28 May 2017, the following amendments are made to the Mewar University Ph.D. Admission Guidelines, 2009 for candidates registered up to the date of this notification:

1. The award of the Ph.D. degree shall be governed by the Mewar University Ph.D. Admission Guidelines, 2009 and the UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations, 2009.
2. The Ph.D. Programme shall have a minimum duration of 3 years and a maximum duration of 6 years counted from the date of this notification, with an extension of up to 3 years by the Vice-Chancellor on the recommendation of the Supervisor through the Director Research.
3. The final viva-voce shall be conducted only after satisfactory evaluation reports from external examiner(s). If an examiner does not recommend the viva, the thesis shall be sent to another approved external examiner. If the second report is also unsatisfactory, the thesis shall be rejected.

This notification shall come into force with immediate effect.

B. K. Mathur
Registrar 30/5/17

Registrar
Mewar University
Chittorgarh (Raj.)

Copy to:

- PS to Hon'ble Chairperson (for kind information)
- PS to Hon'ble President (for kind information)
- PS to Hon'ble Pro-President (for kind information)
- All concerned Deans/Directors/HOD's (for kind inf. & Necessary action)
- Accounts/ExAMination/Library/Store/Warden/Security/IT Head.
- Coòrdinator, IQAC Cell.
- Guard/Record file.



Mewar University
Gangrar, Chittorgarh, Rajasthan, 312901



**MEWAR UNIVERSITY PH.D. ADMISSION
GUIDELINES-2009 (PH.D. REGULATIONS)**

Effective from July 2010 Batch Onwards



MEWAR UNIVERSITY PH.D. ADMISSION GUIDELINES

1. ELIGIBILITY FOR ADMISSION:

Mewar University, Chittorgarh (hereinafter called the University), on biannual basis, shall decide a predetermined and manageable number of Ph.D vacancies depending on the number of available eligible Faculty Supervisors. A Candidate seeking admission/registration for the degree of Ph.D in a university must hold a PG Degree with minimum 50% marks or equivalent grade or a Professional degrees like CA/ICWA/CS. Foreign Nationals registering for Ph.D programme with Mewar University must obtain 50% marks or equivalent grades in the qualifying PG degree and shall be eligible as per UGC/AIU guidelines in this respect. Notwithstanding anything contained in the above-mentioned rules, the eligibility criteria/guidelines prescribed and/or issued by AICTE and/or UGC and/or AIU from time to time shall also be applicable for admission/registration to Ph.D programme(s) of the University.

2. ADMISSION/REGISTRATION:

- (a) The University shall invite applications for admission to the Ph.D. programme twice a year and notify on the University website well in advance for wider publicity. However, candidates may download the application form from the University website and submit it directly to the University.
- (b) A candidate seeking admission for Ph.D. programme must apply to the University on the prescribed application form along with relevant supporting documents and academic transcripts/certificates (from higher secondary onwards), and application fee (as mentioned on the application form).
- (c) A candidate shall normally be registered for a Ph.D. programme in the relevant subject in which he/she has passed his/her qualifying examination. The decision of the Board of Research Studies shall be treated as final related to the topic/subject of research.
- (d) (i) The Ph.D candidates with a Master's degree (clause 1) shall be admitted through an entrance test conducted at the level of the University, followed by an interview/pre-RDC interaction, where candidates discuss their research interest/area. A candidate who secured a minimum 50% marks in the entrance test shall be called for an interview. Overall, the minimum qualifying marks in the entrance and interview will be 50% in each. Admission will be based on a subject-wise merit list prepared.
(ii) A candidate possessing an M.Phil degree in a relevant discipline (clause 1) will be directly called for the interview/pre-RDC interaction. A separate merit will be prepared based on interview marks and 10% of the seats in the seat matrix

will be reserved for such candidates, which can be transferred to candidates mentioned in d (i) if seats remain vacant. In case M.Phil candidates applied under the entrance test category, they will be included in the merit list prepared for d(i).
(iii) A Master's degree candidate (clause 1) qualified UGC/CSIR/ARS NET/SLET/GATE will be directly called for the interview/pre-RDC interaction. A separate merit will be prepared based on interview marks, and 30% of the seats-matrix will be reserved for such candidates, which can be transferred to candidates mentioned in d (i) if seats remain vacant.

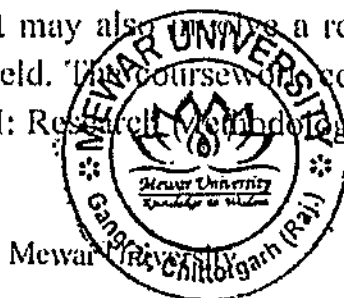
(e) National/State reservation policy shall be paid due attention.

3. SUPERVISOR(S) AND SEAT-ALLOCATION:

- (a) The faculty members (Regular/Visiting/Adjunct/Guest) possessing Ph.D degree and having demonstrable research experience shall be recognized as Research Supervisors for Ph.D. programmes.
- (b) A Supervisor shall not have, at any given point of time, more than eight Ph.D. Scholars.
- (c) The seat matrix prepared in advance based on the availability of the number of available eligible Faculty Supervisors and shall be notified on the website during the call for "Ph.D applications" for wider publicity.
- (d) The BRS through the Director of Research will allocate a supervisor to the candidate in a formal manner, based on the number of students per faculty member, the available specializations among faculty supervisors, and the student's research interests as indicated during the interview. The Director Research can also recommend a co-supervisor to the candidate in case of interdisciplinary work. The allotment of a supervisor shall not be left to the individual student or faculty member.
- (e) In case a duly approved supervisor leaves the institute for any reason, he/she may act as co-supervisor for the candidate and the President (Vice Chancellor) through Director Research will allot a new supervisor/co-supervisor to the candidate based on his/her area of research from the approved list of supervisors. Co-supervisors can also act as Supervisors under such circumstances.

4. COURSE WORK AND RDC:

- (a) After admission, each Ph.D student shall undertake coursework for a minimum period of one semester, with a maximum of two allowed attempts. This shall be considered pre-PhD preparation and must include a course on research methodology, which may include quantitative methods and computer applications. It may also involve a review of published research articles in the relevant field. The coursework consists of 12 credits divided into three papers: Paper I: Research Methodology (4 Credits); Paper II: ICT



(2 Credits); and Paper III: Dissertation and Presentation related to the proposed area of research (6 Credits). Candidate securing a minimum 40% marks or equivalent grade to be declared a pass in the coursework.

- (b) M.Phil/PGRI candidates admitted to the Ph.D programme shall be exempted from the coursework requirement, provided they have undertaken a mandatory paper on research methodology during their M.Phil/PGRI.
- (c) The candidate, after being admitted to the Ph.D. programme, shall also appear at least once before the 'Research Degree Committee' (RDC) to discuss his/her research topic and potential work opportunities. Upon the supervisor's recommendation, the RDC meeting can be held before the candidate completes the coursework, provided he/she is prepared with the research proposal in the prescribed format. The RDC meeting can be held more than once upon the committee's recommendation. The date of successful appearance of the candidate before the RDC shall be treated as the date of registration in such cases.

5. EVALUATION AND ASSESSMENT METHODS:

- (a) PhD students must pass the coursework exam within a maximum of two attempts, following the completion of one Semester coursework and prior to the pre-submission of the thesis.
- (b) The student can undertake research work after the RDC. The candidates will do quality work and publish at least one research paper in a referred journal before the submission of the thesis/monograph within a reasonable time for adjudication and produce evidence for the same in the form of acceptance letter or the reprint.
- (c) The student can submit the Ph.D. thesis only after two years of research work as per 'Ph.D Thesis Preparation Manual of Mewar University' subject to successful completion of course work and RDC.
- (d) The supervisor will monitor the research work done by the PhD scholar and submit the report of the same to the Director Research as the schedule permits before doing the pre-submission of the thesis.
- (e) Before the final Ph.D. thesis submission, the candidate shall do a pre-submission and presentation before the committee 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 under advice of supervisor.
- (f) A student may have to reappear for pre-submission if the committee suggest the work is not suitable for final presentation.



- (g) The thesis submitted by the Ph.D candidate shall be evaluated by at least two experts as examiners, out of which one may be from outside the state and the other examiner may be selected from outside the country, if possible.
- (h) On receipt of satisfactory evaluation report, Ph.D candidates shall undergo a viva-voce examination which shall also be openly defended.
- (i) After successfully completing the evaluation process and announcing the awarding of the Ph.D., the University will submit a soft copy of the Ph.D. thesis to the UGC for hosting in INFLIBNET, making it accessible to all institutions/universities.
- (j) Following a successful defense of the viva voce, the University will issue a provisional certificate confirming that the degree has been awarded in accordance with the provision of the UGC and University guidelines.

6. THESIS PREPARATION GUIDELINES:

The thesis must be written in English other than for the subjects like Hindi, Sanskrit, Urdu etc. The use of Hindi as a medium of expression may be allowed with the approval from the Director of Research through supervisor.

The thesis shall comply with the following conditions:

- (i) The thesis must constitute original research characterized by either the discovery of new facts or a fresh interpretive approach to existing theories. In either case, it should demonstrate the candidate's ability for critical analysis and sound judgment.
- (ii) Additionally, the thesis must be satisfactory in terms of its literary presentation.
- (iii) The document should be typed on one side, adhering to the format and specifications outlined in the "Manual for Preparation of Ph.D Thesis" provided by the University.

The detailed guidelines regarding thesis preparation are available on the university website.

- For further details please refer to the University Grants Commission (Minimum Standards and Procedure for Award of M.PHIL./PH.D Degree) Regulation, 2009 available at UGC Website
- Thesis Preparation Manual and Evaluation formats attached

XXXXXXXXXXXX





भारत का राजपत्र The Gazette of India

साप्ताहिक/WEEKLY

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 28] नई दिल्ली, शनिवार, जुलाई 11—जुलाई 17, 2009 (आषाढ़ 20, 1931)
No. 28] NEW DELHI, SATURDAY, JULY 11—JULY 17, 2009 (ASADHA 20, 1931)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 4

[PART III—SECTION 4]

[सांविधिक निकायों द्वारा जारी की गई विविध अधिसूचनाएं जिसमें कि आदेश, विज्ञापन और सूचनाएं सम्मिलित हैं]
[Miscellaneous Notifications including Notifications, Orders, Advertisements and Notices issued by Statutory Bodies]

विश्वविद्यालय अनुदान आयोग

नई दिल्ली-110002, दिनांक 1 जून 2009

विश्वविद्यालय अनुदान आयोग (एम.फिल./पीएच.डी. उपाधि के लिए न्यूनतम मानक एवं प्रक्रिया) विनियम, 2009

एफ. 1-1/2002 (पी.एस.) छूट--विश्वविद्यालय अनुदान आयोग अधिनियम 1956 (1956 की संख्या 3) की धारा 26 की उपधारा (1) के अनुच्छेद (ई.) एवं (जी.) द्वारा प्रदत्त अधिकारों का प्रयोग करते हुए विश्वविद्यालय अनुदान आयोग विनियमों को निर्मित करता है। ये हैं :--

संक्षिप्त नाम, प्रयोग एवं प्रारम्भ

1. ये विनियम विश्वविद्यालय अनुदान आयोग (एम.फिल./पीएच.डी. उपाधि के लिए न्यूनतम मानक एवं प्रक्रिया) विनियम, 2009 कहलायेंगे।
2. ये उन सभी विश्वविद्यालयों पर लागू होंगे जिनकी स्थापना अथवा समावेश किसी केंद्रीय अधिनियम, प्रांतीय अधिनियम या राज्य अधिनियम के अंतर्गत की गई हो और विश्वविद्यालय अनुदान आयोग द्वारा मान्यता प्राप्त

विश्वविद्यालय के परामर्श से प्रत्येक संस्थान उसके अंग या सम्बद्ध कालेज, विश्वविद्यालय अनुदान आयोग अधिनियम 1956 के अनुच्छेद (एफ) धारा 2 एवं विश्वविद्यालय अनुदान आयोग के उक्त अधिनियम की धारा 3 के अंतर्गत प्रत्येक मानित विश्वविद्यालय पर लागू होंगे।

3. ये विनियम भारत के राजपत्र में प्रकाशित होने की तिथि से लागू हो जाएंगे।
4. समस्त विश्वविद्यालय, मानित विश्वविद्यालय एवं कालेज/राष्ट्रीय महत्व की संस्थाएं एम.फिल. एवं पीएच.डी. कार्यक्रमों को संचालित करने के लिए पात्रित होंगे।
5. यद्यपि इन विनियमों के होते हुए और कोई अन्य नियम या विनियम किसी समय पर लागू होने पर भी कोई भी विश्वविद्यालय, मानित विश्वविद्यालय एवं कालेज/राष्ट्रीय महत्व की संस्था एम.फिल. एवं पीएच.डी. कार्यक्रमों को दूरस्थ माध्यम से संचालित नहीं करेगा।

एम.फिल./पीएच.डी. निरीक्षकों के लिए पात्रता मापदण्ड

6. मान्यता प्राप्त होने वाले शोध निरीक्षक के संकाय के लिए समस्त विश्वविद्यालय, मानित विश्वविद्यालय एवं कालेज/राष्ट्रीय महत्व की संस्था एम.फिल. एवं पीएच.डी. दोनों कार्यक्रमों के लिए पात्रता मापदण्डों का निर्धारण करेगी।
7. समस्त विश्वविद्यालय, मानित विश्वविद्यालय एवं कालेज/राष्ट्रीय महत्व की संस्थाएं, वार्षिक आधार पर संकाय में उपलब्ध पात्रित निरीक्षकों की संख्या के आधार पर एम.फिल. एवं शोध छात्रों की संचालीय संख्या को सुनिश्चित करेंगे।
8. एम.फिल./पीएच.डी. की सीटों की संख्या काफी पहले निर्धारित कर ली जाएगी एवं विश्वविद्यालय वेबसाइट एवं विज्ञापन पर अधिसूचित की जाएगी। एम.फिल./पीएच.डी. अध्ययनों की उपलब्ध सीटों की संख्या को व्यापक रूप से सभी विश्वविद्यालय, मानित विश्वविद्यालय एवं कालेज/राष्ट्रीय महत्व की संस्थाएं प्रचार करेंगी और प्रवेश को नियमित आधार पर संचालित करेंगे।

प्रवेश की प्रक्रिया

- 9 (i) समस्त विश्वविद्यालय, मानित विश्वविद्यालय, एवं कालेज/राष्ट्रीय महत्व की संस्थाएं एम.फिल. एवं शोध छात्रों का प्रवेश अपने स्तर पर विश्वविद्यालय, मानित विश्वविद्यालय एवं कालेज/राष्ट्रीय महत्व की संस्थाओं द्वारा आयोजित प्रवेश परीक्षा द्वारा होगा। जो लोग वि.अ.आ./सी.एस.आई.आर. (जे.आर.एफ.) परीक्षा, स्लेट/गेट उत्तीर्ण हैं या शिक्षक अध्यापक/वृत्तियाँ धारक हैं और जिन्होंने एम.फिल. कार्यक्रम पीएच.डी. प्रवेश परीक्षा के लिए उत्तीर्ण कर लिया है उनके लिए विश्वविद्यालय अलग से शर्तों का निर्धारण कर सकता है। यही तरीका एम.फिल. कार्यक्रम की प्रवेश परीक्षा में अपनाया जा सकता है।
- (ii) इसके पश्चात् स्कूल/विभाग/संस्था/विश्वविद्यालय जैसा मामला हो एक साक्षात्कार का आयोजन करेगा।
- (iii) साक्षात्कार के समय शोध छात्रों से अपेक्षा की जाती है वे अपने शोध रुचि/क्षेत्र पर विचार-विमर्श करें।
- (iv) पहले से सुनिश्चित की गई छात्रों की संख्या पर ही छात्रों को एम.फिल./पीएच.डी. कार्यक्रम में प्रवेश दिया जा सकेगा।

10. पीएच.डी. कार्यक्रम में प्रवेश या तो सीधे या एम.फिल. माध्यम से होगा।
11. एम.फिल./पीएच.डी. कार्यक्रमों में छात्रों को प्रवेश देने के दौरान विभाग/संस्था/स्कूल को राष्ट्रीय/राज्य की आरक्षण नीति का पर्याप्त ध्यान रखें।

निरीक्षक का विनियोजन

12. चयनित छात्रों के लिए निरीक्षकों का विनियोजन औपचारिक तरीके से विभागों द्वारा निर्धारित किया जाएगा जोकि प्रत्येक छात्रों एवं संकाय सदस्य की संख्या, उपलब्ध संकाय, निरीक्षकों की विशेषज्ञता एवं छात्रों के शोध रुचि पर आधारित होगा। व्यक्तिगत छात्र एवं शिक्षक पर निरीक्षक का आवंटन/विनियोजन नहीं छोड़ा जाएगा।

पाठ्यक्रम कार्य

13. प्रवेशीकरण के पश्चात् प्रत्येक एम.फिल./पीएच.डी. छात्र को विश्वविद्यालयों, मानित विश्वविद्यालयों, कालेजों/राष्ट्रीय महत्व की संस्थाओं द्वारा आवश्यक, जैसा कि मामला हो, न्यूनतम एक (1) सेमेस्टर्स की अवधि तक का पाठ्यक्रम कार्य को करना होगा। यह पाठ्यक्रम कार्य पूर्व एम.फिल./पीएच.डी. की तैयारी का माना जाएगा और जो निश्चित रूप से शोध पद्धति का पाठ्यक्रम होगा जिसमें परिमाणात्मक पद्धति एवं कम्प्यूटर प्रयोग शामिल होगा इसमें उपर्युक्त क्षेत्र में किए गये शोध प्रकाशनों की भी समीक्षा शामिल है। प्रत्येक विश्वविद्यालय, मानित विश्वविद्यालय एवं

कालेजों/राष्ट्रीय महत्व की संस्थाओं जैसा कि मामला हो न्यूनतम अर्हकारी आवश्यकता को निर्धारित करेंगे और आगे छात्र शोधग्रंथ लिखने के लिए अनुमति देंगे।

मूल्यांकन एवं निर्धारित विधि

14. पाठ्यक्रम कार्य एवं शोध पद्धति को सफलतापूर्वक संपूर्ण करने के पश्चात् जो एम.फिल./पीएच.डी. कार्यक्रम का एक अंग है, एम.फिल./पीएच.डी. शोध छात्र, शोध कार्य को प्रारंभ करेगा और उचित सीमा अवधि के भीतर अपने शोधग्रंथ ड्राफ्ट को प्रस्तुत करेगा जैसा कि सम्बद्ध संस्थाएं निर्धारित करेंगी।
15. शोधग्रंथ प्रस्तुत करने के पूर्व छात्र को विभाग में एक पूर्व एम.फिल./पीएच.डी. प्रस्तुतीकरण करना पड़ेगा जोकि समस्त संकाय सदस्यों एवं शोध छात्रों के लिए खुला होगा ताकि टिप्पणियां एवं सुझाव प्राप्त हो सकें जिनको निरीक्षक के सुझाव पर, ड्राफ्ट शोध ग्रंथ में सम्मिलित किया जा सके।
16. शोधग्रंथ को प्रस्तुत करने के पूर्व शोध छात्र एक शोध पत्र निर्दिष्ट पत्रिका में प्रकाशित निर्णय हेतु कराएगा एवं रीप्रिंट या स्वीकृत पत्र के रूप में उनको प्रमाण स्वरूप प्रस्तुत करेगा।
17. संस्थाओं/विभाग में एम.फिल./पीएच.डी. छात्र द्वारा तैयार किए गए शोधग्रंथ को विश्वविद्यालय, मानित विश्वविद्यालय, कालेज/राष्ट्रीय महत्व की संस्था में जैसा मामला हो, जमा करना होगा जिसका मूल्यांकन कम से कम दो विशेषज्ञों जिनमें से एक को राज्य के बाहर का होना चाहिए। यह विश्वविद्यालय, मानित विश्वविद्यालय, कॉलेज/राष्ट्रीय महत्व की संस्था पर निर्भर होगा कि एक परीक्षक देश के बाहर का हो।
18. संतोषजनक मूल्यांकन रिपोर्टों की प्राप्ति के पश्चात् एम.फिल./पीएच.डी. छात्रों को एक मौखिक परीक्षा देनी होगी जिसमें खुले तौर पर, वह बचाव कर सके।

विश्वविद्यालय अनुदान आयोग के पास न्यास

19. मूल्यांकन प्रक्रिया को सफलतापूर्वक सम्पूर्ण करने के पश्चात् एवं एम.फिल./पीएच.डी. देने की घोषणा के पश्चात्, विश्वविद्यालय एम.फिल./पीएच.डी. के शोधग्रंथ की सॉफ्ट प्रति वि.अ.आ. को 30 दिनों के भीतर प्रेषित करेगा ताकि उसको इन्फ्लिबनेट पर डाल कर उसको समस्त संस्थाओं/विश्वविद्यालयों को उपलब्ध कराया जा सके।
20. उपाधि के साथ, उपाधि प्रदत्त विश्वविद्यालय/मानित विश्वविद्यालय, कालेज/राष्ट्रीय महत्व की संस्था जैसा कि मामला हो, अस्थायी प्रमाणपत्र जारी करेगा जिसमें यह प्रमाणित किया जाएगा कि उपाधि को विश्वविद्यालय अनुदान आयोग के प्रावधानों एवं इन्हीं विनियमों के अनुरूप प्रदान किया गया है।

आर. के. चौहान
सचिव

विश्वविद्यालय अनुदान आयोग (विश्वविद्यालयों एवं उनसे सम्बद्ध संस्थाओं में शिक्षकों की नियुक्ति एवं जीविका कैरियर उन्नति के लिए अपेक्षित न्यूनतम अर्हताएं) (तृतीय संशोधन) विनियम, 2009

एफ 1-1/2002 (पी.एस.) छूट--विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 (1956 की धारा-3) के खण्ड 26 के साथ खंड-14 के अनुच्छेद (ई) एवं (जी) द्वारा प्रदत्त अधिकारों का प्रयोग करते हुए एवं विश्वविद्यालय अनुदान आयोग (विश्वविद्यालयों एवं उनसे सम्बद्ध संस्थाओं में शिक्षकों की नियुक्ति एवं जीविका कैरियर उन्नति के लिए अपेक्षित न्यूनतम अर्हताएं (प्रथम संशोधन) अधिनियम, 2002 दिनांक 31.07.2002 एवं विश्वविद्यालय अनुदान आयोग, विश्वविद्यालयों एवं उनसे सम्बद्ध संस्थाओं में शिक्षकों की नियुक्ति जीविका एवं कैरियर उन्नति के लिए अपेक्षित न्यूनतम अर्हताएं (द्वितीय संशोधन) अधिनियम, 2006 दिनांक 14.06.2006 को निरस्त करते हुए विश्वविद्यालय अनुदान आयोग (विश्वविद्यालयों एवं उनसे सम्बद्ध

संस्थाओं में शिक्षकों की नियुक्ति एवं जीविका कैरियर उन्नति के लिए अपेक्षित न्यूनतम अर्हताएं) विनियम, 2000 को संशोधित करते हुए निम्नलिखित विनियमों को निर्मित करता है :—

1. संक्षिप्त नाम, उपयोग एवं प्रारम्भ

1. ये विनियम विश्वविद्यालय अनुदान आयोग, विश्वविद्यालयों एवं उनसे सम्बद्ध संस्थाओं में शिक्षकों की नियुक्ति एवं जीविका कैरियर उन्नति के लिए अपेक्षित न्यूनतम अर्हताएं, (तृतीय संशोधन), 2009 कहलायेंगे।

2. ये उन सभी विश्वविद्यालयों पर लागू होंगे जिनकी स्थापना या समावेश किसी केन्द्रीय अधिनियम, प्रांतीय अधिनियम या राज्य अधिनियम द्वारा या अंतर्गत की गई हो और आयोग द्वारा मान्यता प्राप्त विश्वविद्यालय के परामर्श से प्रत्येक संस्थान, उसके अंग या संबद्ध कालेज विश्वविद्यालय अनुदान आयोग के उक्त अधिनियम की धारा-3 के अंतर्गत प्रत्येक मानित विश्वविद्यालय पर लागू होंगे।

3. ये विनियम भारत के राजपत्र में अपने प्रकाशित होने की तिथि से लागू हो जाएंगे।

4. विश्वविद्यालय अनुदान आयोग (विश्वविद्यालयों एवं उनसे संबद्ध संस्थाओं में शिक्षकों की नियुक्ति एवं जीविका कैरियर उन्नति के लिए अपेक्षित न्यूनतम अर्हताएं) अधिनियम, 2000 के परिशिष्ट में निम्नलिखित विवरण 1.3.3, 1.4.3, 1.5.3 एवं 1.6.1 में दिया गया है :—

लेक्चरर के रूप में नियुक्ति के लिए, नेट सर्वदा अनिवार्य आवश्यकता है, उन अभ्यर्थियों के लिए भी जिनके पास पीएच.डी. उपाधि है। फिर भी, अभ्यर्थियों जिन्होंने एम.फिल. उपाधि सम्पूर्ण कर ली हो या संबंधित विषय में पीएच.डी. 31 दिसम्बर, 1993 तक जमा कर दिया हो, उन्हें नेट की परीक्षा में बैठने से छूट होगी।

उपरोक्त अधिनियम के विवरण 1.3.3, 1.4.3, 1.5.3 एवं 1.6.1. के स्थान पर निम्नलिखित अनुच्छेद एतद् विश्वविद्यालय अनुदान आयोग (विश्वविद्यालयों एवं उनसे सम्बद्ध संस्थाओं में शिक्षकों की नियुक्ति एवं जीविका कैरियर उन्नति के लिए अपेक्षित न्यूनतम अर्हताएं) (प्रथम संशोधन) अधिनियम, 2002 द्वारा कर दिया गया था।

“लेक्चरर के रूप में नियुक्ति के लिए नेट सर्वदा अनिवार्य आवश्यकता है, उन अभ्यर्थियों के लिए भी जिनके पास पीएच.डी. उपाधि है। फिर भी, अभ्यर्थियों जिन्होंने एम.फिल. उपाधि 31 दिसम्बर, 1993 तक सम्पूर्ण कर ली हो या सम्बद्ध विषय में पीएच.डी. 31 दिसम्बर, 2000 तक जमा कर दी हो, उन्हें नेट की परीक्षा में बैठने से छूट होगी। यदि ऐसे अभ्यर्थी पीएच.डी. उपाधि प्राप्त करने में असफल होते हैं तो उन्हें नेट परीक्षा पास करनी होगी।”

आगे, उपरोक्त प्रावधान को विश्वविद्यालय अनुदान आयोग (विश्वविद्यालयों एवं उनसे और संस्थाओं में शिक्षकों की नियुक्ति एवं जीविका कैरियर उन्नति के लिए अपेक्षित न्यूनतम अर्हताएं) (प्रथम संशोधन) अधिनियम, 2002 के स्थान पर लाया गया और लागू किया गया। पुनः निम्नलिखित प्रावधान को विश्वविद्यालय अनुदान आयोग (विश्वविद्यालय एवं उनसे संस्थाओं में शिक्षकों की नियुक्ति एवं जीविका कैरियर उन्नति के लिए अपेक्षित न्यूनतम अर्हताएं) (द्वितीय संशोधन) अधिनियम, 2006 में लाया गया था :

“लेक्चरर के रूप में नियुक्ति के लिए नेट सर्वदा अनिवार्य आवश्यकता है, उन अभ्यर्थियों के लिए भी जिसके पास स्नातकोत्तर उपाधि है। फिर भी, जिन अभ्यर्थियों के पास संबद्ध विषय में पीएच.डी. उपाधि है उन्हें स्नातकोत्तर स्तर एवं स्नातक स्तर पर शिक्षण के लिए नेट से छूट होगी। अभ्यर्थियों, जिसके पास सम्बद्ध विषय में एम.फिल. उपाधि है उन्हें केवल स्नातक स्तर पर शिक्षण के लिए नेट से छूट होगी।”

अब उपरोक्त प्रावधान के स्थान पर निम्नलिखित अनुच्छेद कर दिया गया :

विश्वविद्यालयों/कालेजों/संस्थाओं में सहायक प्राचार्य के भर्ती और नियुक्ति के लिए राष्ट्रीय पात्रता परीक्षा/राज्य स्तरीय पात्रता परीक्षा सर्वदा न्यूनतम-पात्रता की शर्त होगी।

बशर्ते कि यदि अभ्यर्थियों, जो कि पीएच.डी. हैं या जिनको पीएच.डी. उपाधि विश्वविद्यालय अनुदान आयोग (एम.फिल./पीएच.डी. उपाधि प्रदान हेतु न्यूनतम मापदण्ड एवं प्रक्रिया) अधिनियम, 2009 के अनुपालन द्वारा दी गई हो, उन्हें विश्वविद्यालय/कालेजों/संस्थाओं में शिक्षकों या समतुल्य पदों के भर्ती और नियुक्ति के लिए राष्ट्रीय पात्रता परीक्षा/राज्य स्तरीय पात्रता परीक्षा की न्यूनतम पात्रता शर्त की अर्हता से छूट रहेगी।

आर. के. चौहान
सचिव, यूजीसी

UNIVERSITY GRANTS COMMISSION

UGC (MINIMUM STANDARDS AND PROCEDURE FOR AWARDS OF M.PHIL/PH.D. DEGREE),
REGULATION, 2009

New Delhi-110002, the 1st June 2009

F. 1-1/2002 (PS) Exemp.—In exercise of the powers conferred by clause (e) & (g) of sub-section (1) of Section 26 of University Grants Commission Act, 1956 (3 of 1956), the University Grants Commission hereby makes the following Regulations, namely :—

Short Title, Application and Commencement :

1. These regulations may be called University Grants Commission (Minimum Standards and Procedure for award of M.Phil./Ph.D. Degree), Regulations 2009.
2. They shall apply to every University established or incorporated by or under a Central Act, Provincial Act or a State Act, every Institution including a constituent or an affiliated College recognized by the Commission, in consultation with the University concerned under clause (1) of Section 2 of the University Grants Commission Act, 1956, and every Institution deemed to be a University under section 3 of the said Act.
3. They shall come into force with effect from the date of their publication in the Gazette of India.
4. All Universities, Institutions, Deemed to be Universities and Colleges/Institutions of National Importance shall be eligible for conducting M.Phil. and Ph.D. Programmes.
5. Notwithstanding anything contained in these Regulations or any other Rule or regulation, for the time being in force, no University, Institution, Deemed to be University and College/Institution of National Importance shall conduct M.Phil and Ph.D Programmes through distance education mode.

ELIGIBILITY CRITERIA FOR M. PHIL/PH.D. SUPERVISOR

6. All Universities, Institutions, Deemed to be Universities and Colleges/Institutions of National Importance shall lay down the criteria for the faculty to be recognized as Research Supervisor both for M.Phil and Ph.D. Programmes.
7. All Universities, Institutions, Deemed to be Universities and Colleges/Institutions of National Importance shall lay down and decide on annual basis, a predetermined and manageable number of M.Phil and doctoral students depending on the number of the available eligible Faculty Supervisors. A Supervisor shall not have, at any given point of time, more than Eight Ph.D Scholars and Five M.Phil. Scholars.
8. The number of seats for M.Phil and Ph.D. shall be decided well in advance and notified in the University website or advertisement. All Universities, Institutions, Deemed to be Universities and Colleges/Institutions of National Importance shall widely advertise the number of available seats for M.Phil/Ph.D studies and conduct admission on regular basis.

PROCEDURE FOR ADMISSION

9. (i) All Universities, Institutions, Deemed to be Universities and Colleges/Institutions of National Importance shall admit M.Phil doctoral students through an Entrance Test conducted at the level of individual University, Institution, Deemed to be University, College/Institution of National Importance. The University may decide separate terms and conditions for those students who qualify UGC/CSIR (JRF) Examination/SLET/GATE/teacher fellowship holder or have passed M.Phil Programme for Ph.D. Entrance Test. Similar approach may be adopted in respect of Entrance Test for M.Phil Programme.
- (ii) It shall be followed by an interview to be organized by the School/Department/Institution/University as the case may be.
- (iii) At the time of interview, doctoral candidates are expected to discuss their research interest/area.
- (iv) Only the predetermined number of students may be admitted to M.Phil/Ph.D programme.

- 10 The admission to the Ph.D Programme would be either directly or through M.Phil Programme.
11. While granting admission to students to M.Phil/Ph.D. Programmes, the Department/Institute/School will pay due attention to the National/State Reservation Policy.

ALLOCATION OF SUPERVISOR

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

COURSE WORK

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

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

EVALUATION AND ASSESSMENT METHODS

14. Upon satisfactory completion of course work and research methodology, which shall form part & parcel of M.Phil/Ph.D. Programme, the M.Phil/Ph.D Scholar shall undertake research work and produce a draft thesis within a reasonable time, as stipulated by the Institution concerned.
15. Prior to submission of the thesis, the student shall make a pre-M.Phil/Ph.D presentation in the Department that may be open to all faculty members and research students, for getting feedback and comments, which may be suitably incorporated into the draft thesis under the advice of the supervisor.
16. Ph.D candidates shall publish one research paper in a referred Journal before the submission of the thesis/monograph for adjudication, and produce evidence for the same in the form of acceptance letter or the reprint.
17. The thesis produced by the M.Phil/Ph.D student in the Institutions/Departments and submitted to the University, Institution, Deemed to be University, College/Institution of National Importance, as the case may be, shall be evaluated by at least two experts, out of which at least one shall be from outside the State. It shall be upto the University, Institution, Deemed to be University, College/Institution of National Importance concerned to have one examiner from outside the Country.
18. On receipt of satisfactory evaluation reports, M.Phil/Ph.D students shall undergo a viva voce examination which shall also be openly defended.

DEPOSITORY WITH UGC

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

R. K. CHAUHAN
Secy., U.G.C.

UGC (MINIMUM QUALIFICATIONS REQUIRED FOR THE APPOINTMENT AND CAREER
ADVANCEMENT OF TEACHERS IN UNIVERSITIES AND INSTITUTIONS AFFILIATED TO IT)
(3rd AMENDMENT), REGULATION 2009.

F. 1-1/2002 (PS) Exemp.—In exercise of the powers conferred by clause (e) & (g) of sub-section (1) of Section 26 read with Section 14 of University Grants Commission Act 1956 (3 of 1956), and in supersession of the University Grants Commission (Minimum Qualifications required for the appointment and Career Advancement of teachers in Universities and Institutions affiliated to it) (1st Amendment), Regulation, 2002 dated 31st July, 2002 and University Grants Commission (Minimum Qualifications required for the appointment and Career Advancement of teachers in Universities and Institutions affiliated to it) (2nd Amendment), Regulation, 2006 dated 14.06.2006, the University Grants Commission hereby makes the following Regulations to amend the University Grants Commission (Minimum Qualifications required for the appointment and Career Advancement of teachers in Universities and Institutions affiliated to it) Regulation, 2000, namely :—

Short Title, Application and Commencement :

1. These regulations may be called University Grants Commission (Minimum qualifications required for the appointment and Career Advancement of teachers in Universities and Institutions affiliated to it) (3rd Amendment), Regulation 2009.
2. They shall apply to every University established or incorporated by or under a Central Act, Provincial Act or a State Act, every Institution including a constituent or an affiliated college recognized by the Commission, in consultation with the University concerned under clause (f) of Section 2 of the University Grants Commission Act 1956, and every Institution deemed to be a University under section 3 of the said Act.
3. They shall come into force with effect from the date of their publication in the Gazette of India.
4. In the ANNEXURE to the University Grants Commission (Minimum Qualifications required for the appointment and Career Advancement of teachers in Universities and Institutions affiliated to it) Regulation, 2000, the following was provided in the Note to Regulation 1.3.3, 1.4.3, 1.5.3 and 1.6.1 :

"NET shall remain the compulsory requirement for appointment as Lecturer even for candidates having Ph.D degree. However, the candidates who have completed M.Phil degree or have submitted Ph.D. thesis in the concerned subject upto 31st December, 1993 are exempted from appearing in the NET examination."

The said Note to Regulation 1.3.3, 1.4.3, 1.5.3 and 1.6.1 was substituted by the following para, vide University Grants Commission (Minimum Qualifications required for the appointment and Career Advancement of teachers in Universities and Institutions affiliated to it) (1st Amendment), Regulation 2002 :

"NET shall remain compulsory requirement for appointment as Lecturer even for candidates having Ph.D. Degree. However, the candidates who have completed M.Phil. Degree by 31st December, 1993 or have submitted Ph.D. thesis to the University in the concerned subject on or before 31st December, 2002 are exempted from appearing in the NET examination. In case such candidates fail to obtain Ph.D. Degree, they shall have to pass the NET examination."

Further, the above provision brought in to effect by the University Grants Commission (Minimum Qualifications required for the appointment and Career Advancement of teachers in Universities and Institutions affiliated to it) (1st Amendment), Regulation 2002, was further substituted by the following provision of the University Grants Commission (Minimum Qualifications required for the appointment and Career Advancement of teachers in Universities and Institutions affiliated to it) (2nd Amendment), Regulation 2006 :

"NET shall remain compulsory requirement for appointment as Lecturer even for those with Post Graduate Degree. However, the candidates having Ph.D Degree in the concerned subject are exempted from NET for PG level and UG level teaching. The candidates having M.Phil. Degree in the concerned subject are exempted from NET for UG level teaching only."

Now, the above provision shall be substituted by the following paragraph :

"NET/SLET shall remain the minimum eligibility condition for recruitment and appointment of Lecturers in Universities/Colleges/Institutions.

Provided, however, that candidates, who are or have been awarded Ph.D. Degree in compliance of the "University Grants Commission (minimum standards and procedure for award of Ph.D Degree), Regulation 2009, shall be exempted from the requirement of the minimum eligibility condition of NET/SLET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions."

R. K. CHAUHAN
Secy., U.G.C.