



क्र. /अका./2019/728

भोपाल, दिनांक 24/04/2019

अधिसूचना

विश्वविद्यालय अनुदान आयोग द्वारा लागू (एम.फिल./पीएच.डी. उपाधि प्रदान करने हेतु न्यूनतम मानदंड और प्रक्रिया) 2016 के तारतम्य में विश्वविद्यालय के अंतर्गत प्रचलित पीएच.डी. विनियम क्र. 22, 2010 में संशोधन किया जाता है। विद्या परिषद की बैठक, दिनांक 21/04/2018 में लिये गये निर्णय के अनुपालन में संशोधित पीएच.डी. विनियम क्र. 22, भूतलक्षी प्रभाव से दिनांक 5 मई 2016 से लागू होगा।

संलग्न :-

- 1) संशोधित पीएच.डी. विनियम क्र. 22
- 2) शुल्क विवरण
- 3) शोध प्रबंध प्रारूप
- 4) छह माही प्रगति प्रतिवेदन प्रारूप
- 5) शोध मूल्यांकन समिति प्रगति प्रतिवेदन प्रारूप
- 6) पीएच.डी. शोध प्रबंध मूल्यांकन प्रतिवेदन प्रारूप
- 7) शोध प्रबंध प्रस्तुतिकरण एवं वायवा मूल्यांकन प्रतिवेदन प्रारूप

(दीपेन्द्र सिंह बघेल)
कुलसचिव

पृ. क्रं/अका./2019/729
प्रतिलिपि :-

भोपाल दिनांक 24/04/2019

- 1) मा. कुलपति, कुलाधिसचिव एवं कुलसचिव के निज सहायक को सूचनार्थ।
- 2) डीन अकादमिक को सूचनार्थ एवं पालनार्थ।
- 3) समस्त विभागाध्यक्षगणों/समस्त परिसर प्रभारियों को सूचनार्थ।
- 4) वित्त अधिकारी को सूचनार्थ एवं पालनार्थ।
- 5) परीक्षा नियंत्रक को सूचनार्थ एवं पालनार्थ।
- 6) वेबसाईट प्रभारी को सेबसाईट पर अपलोड करने हेतु प्रेषित।
- 7) आदेश पुस्तिका।

(दीपेन्द्र सिंह बघेल)
कुलसचिव

**MAKHANLAL CHATURVEDI NATIONAL UNIVERSITY OF JOURNALISM AND
COMMUNICATION, BHOPAL**

Regulation Number- 22 Doctor of Philosophy (Ph. D)

(with retrospective effective from 5 May, 2016)

1. Title, Commencement And Definitions:

- (i) This Regulation may be called "Makhanlal Chaturvedi National University of Journalism and Communication: Conduct of Doctor of Philosophy (Ph. D) Degree Regulation, Number 22."
- (ii) It shall come in force with retrospective effect from 5 May, 2016 as per UGC guidelines and its approval by the Academic Council.
- (iii) This Regulations shall apply to the Ph.D. conducted by the University Teaching Departments at Bhopal.
- (iv) Definitions :
 - "Act" means Makhanlal Chaturvedi Rashtriya Patrakarita Evam Sanchar Vishwavidyalaya Adhiniyam No 15, 1990 to be read with the amending Act No. 8 of 2000;
 - "Academic Council" means the Academic Council constituted under the Act.
 - "University" means Makhanlal Chaturvedi National University of Journalism and Communications, Bhopal.
 - "Vice Chancellor" means the Vice Chancellor of the University;
 - "Rector" means the Rector of the University;
 - "HOD" means Head of the concerned academic department of the University
 - "Registrar" means the Registrar of the University and includes Dy. Registrar of the University.
 - "RAC" means Research Advisory Committee
 - "DRC" Means Departmental Research Committee
 - "Research scholar" means candidate who is pursuing Ph. D programin the University.

2. Eligibility criteria for admission to Ph.D. program:

- (i) Candidates for admission to the Ph.D. program should have passed a Master's degree in relevant discipline(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 University recognized by UGC or by foreign educational University approved by statutory authority in India. The Master's degree must be submitted till the last date for application for admission. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, shall be allowed for those

belonging to SC/ST/OBC(non-creamy layer)/ Differently-abled and other categories of candidates belonging to Madhya Pradesh.

- (ii) 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 counting the grace marks if any.
- (iii) Madhya Pradesh State government rules for reservation shall be applicable.

3. Duration of the Program:

- (i) Ph.D. program shall include course work of six months.
- (ii) The Ph.D. program shall be for a minimum duration of three years and a maximum duration of six years from the date of enrolment, including the course work. For those whom the course work has been exempted, the duration shall reduce by 6 months.
- (iii) Extension beyond the above limits up to one year may be granted on reasonable grounds in special cases by the Vice Chancellor.
- (iv) Women candidates and persons with disability (more than 40% disability) will be entitled to get an extension of two years for Ph.D. in the maximum permissible period. Women candidates may be provided maternity leave / childcare leave once in the entire duration of Ph.D. up to 240 days, on the recommendation of RAC.

4. Procedure for Admission:

- (i) The University shall admit students for Ph.D. course work through an Entrance Test and personal interview depending upon the vacancies in the respective departments.
- (ii) The University shall decide a predetermined and manageable number of Ph.D. scholars to be admitted depending on the number of available Research Supervisors and other academic and physical facilities available.
- (iii) The University, shall notify well in advance on the University website and through advertisement in at least two national newspapers of which at least one shall be in Hindi, the regional language, as well as one provincial newspaper, indicating 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
- (iv) The University, shall adhere to the Madhya Pradesh State-level reservation policy for admission of students for higher education, as applicable.
- (v) The University has been specialized in the areas of Journalism, Communication, Computer Application and other allied areas and the act of the university also envisages it to function in these areas. The Nature and scope of the University is specific and it mainly functions in the area of Media, Communication Public relations, Computer Science & Applications,

Information Technology, Film Production, New Media, Multimedia, Graphics and Animation, Printing & Packaging Technology, Electronic Media, Media Research, and various other inter-related emerging areas. The DRC of the Department where the scholar has applied shall examine the proposal and recommend the Supervisor/s from relevant Departments. Presently, the University offers various programs in the following Departments, which are broadly classified in three Disciplines given below. In case of new departments for PhD, the decision shall be taken with approval of Vice Chancellor.

A. Mass Communications Related Discipline: The following Six Departments broadly come under Mass Communications Discipline, some of the papers and the areas are common in the programs offered in these departments. Therefore, students having Masters degree in these departments can enroll in other department of the same Discipline.

- Journalism Department
- Mass Communication Department
- Electronic Media Department
- New Media Technology Department
- Advertising & Public Relations Department
- Communications Research Department

B. Computer Science Related Discipline: It has only one Department, the Computer Science and Applications Department offers research in the area of the Computer Science, Application, Information Technology, Computer Technology etc. All related PG degrees are eligible to be admitted.

C. Management Related Discipline: It has only one Department, the Media Management Department offers research in the area of the Media Management. So MBA degrees are eligible to be admitted .

(vi) The University shall admit candidates by following two stage process written test and interview with separate qualifying marks as 55% each. A relaxation of 5% of marks, from 55% to 50%, shall be allowed for those belonging to SC/ ST /OBC (non-creamy layer)/ Differently-abled and other categories of candidates belonging to Madhya Pradesh:

- a) A written Entrance Test for 100 marks shall consist of 100 Multiple choice questions of 1 mark each for a duration of two hours. The syllabus of the Entrance Test shall be decided by the DRC consisting of concerned subjects and research methodology. The Entrance Test shall be conducted at the Centre(s) notified in advance. This shall be only qualifying test as per applicable categories. For further processing the marks obtained shall not be counted.
- b) An interview/ viva-voce of 100 marks shall be organized where all the qualified candidates are required to present their research interest/ area through a presentation before a duly constituted Department Research Committee. Candidates may express their

choice of supervisors and co-supervisors (if any). The interview/viva voce shall also consider the following aspects whether:

- The candidate possesses the desired competence for the proposed research
- The research work can suitably be supervised by a teacher of the university
- The proposed area of research can contribute to new/additional knowledge, applicable to society.

Solely based on this interview the DRC shall display the merit list, with allocation of RAC and supervisors.

- (vii) For those students who qualify UGC-NET (including JRF)/ UGC-CSIR NET (including JRF)/ SLET/ GATE/ teacher fellowship or have passed M.Phil. program in the specific discipline, shall be exempted from the written entrance examination. However they shall have to apply well within the last dates with testimonials. They shall have to appear in the interview like all other candidates, to be qualified by minimum 50% marks.
- (viii) In case a candidate appears in merit list but due to some practical constraints like there is no supervisor available (or other similar constraints) he /she may be given a week's time for reconsideration of his/her topic or an external co-supervisor consent could be considered or as is feasible.
- (ix) The University shall maintain the list of all the 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 and registration.
- (x) In case of relocation of a 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 University / supervisor from any funding agency. The scholar will however give due credit to the parent supervisor and the University for the part of research already done.

5. Research Supervisor, Co-Supervisor

- (i) Only a full time regular teacher of the University can act as a supervisor. All eligible supervisors will also be eligible to be co-supervisors. Any regular Professor of the University having PhD degree in relevant discipline with at least five research publications in refereed journals and any regular Associate/ Assistant Professor of the university 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 University may relax the above condition of paper publications for

recognition of a person as Research Supervisor with reasons recorded in writing.

- (ii) The external supervisors are not allowed, however external Co-Supervisor can be allowed from other departments of the University or from other Universities with the approval of the DRC. The eligibility qualifications for external Co-supervisor will be the same as prescribed for the Supervisor.
- (iii) The allocation of Research Supervisor / Co-supervisor for a selected research scholar from among the eligible Supervisors of the department shall be decided by the Departmental Research Committee (DRC) concerned, depending on the number of scholars per Supervisor, the available specialization vis a vis research interests of the scholars.
- (iv) In case of topics which are of inter-disciplinary nature, the Department may appoint a Supervisor from the Department itself, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Department/ Faculty/College/University as recommended by RAC after seeking consent from the respective exerts.
- (v) A Research Supervisor/ Co-supervisor who is a Professor / Associate Professor / Assistant Professor at any given point of time, cannot supervise more than Eight / Six / Four Ph.D. scholars respectively. This ceiling includes candidates from other Universities if any.
- (vi) In case a Supervisor and Co-supervisor are allocated for a Research Scholar, the number of scholar supervised shall count as half for Supervisor/ Co-Supervisor both.
- (vii) In case of non availability of the allocated supervisor due to any reasons say superannuation / death / resignation/ expiry of lien period, the DRC will appoint a new eligible supervisor. In case of non availability of eligible supervisor, corrective actions shall be taken by the approval of Vice Chancellor. Suggestions of the outgoing supervisor will be considered by the DRC if any. The outgoing faculty may apply to become a co-supervisor, if he / she was a solo supervisor.

6. Course Work:

- (i) The course work shall be treated as prerequisite for 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, Research Ethics and Review of Published Research in the relevant field, training, field work, etc. For non Computer departments it would also include Computer Applications. Other courses shall be advanced level courses preparing the students for Ph.D. degree.
- (ii) The 12 or 16 credits Ph.D. course work shall consist of three or four courses with contents as recommended by DRC. Each of the course shall be of 4 credits .The three subjects will consist of (a)Research Methodology (b)Research Area related course (c)Literature Review and Development of Draft Research Synopsis. In addition there may be one course as directed by DRC.

- (iii) All courses prescribed for 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 DRC.
- (iv) The timings for Course Work classes shall be flexible, unlike standard 11 to 5 schedule. It may be done on morning / evening timings or even on weekends to allow more intense workout.
- (v) Cases requesting for transfer to the University after passing course work from other Universities shall be examined by the respective DRC for exemption and registration for PhD, keeping in view the level and area of proposed research scholar, availability of supervisors and other constraints.
- (vi) All candidates admitted to the and Ph.D. program shall be required to complete the course work prescribed by the Department during the initial one or two semesters, failing which the admission may be cancelled.
- (vii) Candidates already holding M. Phil. Degree in concerned disciplines, as per UGC (Minimum Standards and Procedure for Award of M.Phil / Ph.D. Degrees Regulations, 2016), and admitted to the Ph.D. program will be exempted from the Ph.D. course work subject to the recommendation of the RAC as approved by the DRC . However they shall have to apply well within the last dates with testimonials. They shall have to appear in the interview like all other candidates, to be qualified by minimum 50% marks.
- (viii) Grades / Marks in the course work, shall be finalized after a combined assessment by the Research Advisory Committee and the Department. The assessment may involve written exam, Viva-Voce, Presentation, Continuous assessments, Publications etc as decided by the DRC. The final marks shall be communicated to the Controller of Examinations by the HOD.
- (ix) A 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 program.

7. Research Advisory Committee (RAC):

- (i) There shall be a Research Advisory Committee, for each Ph.D. scholar.
- (ii) The constitution of RAC shall be :
 - The scholar's Supervisor as the Convener of this Committee
 - The scholar's Co-Supervisor (if any)
 - One faculty member from the concerned department, who is eligible to be the Supervisor and is to be nominated by the DRC.
- (iii) This Committee (RAC) shall have the following responsibilities:
 - To review the candidate's research proposal, topic of research and Synopsis, for presentation to the DRC, which shall approve the same with or without modifications. The Title must be specified in Hindi and English for all scholars. It shall be framed in the chosen language and its transliteration (not translation) shall have to be

given in the second language, for awarding the same on the PhD Degree.

- To supervise the research scholar to develop the study design and methodology of research
 - To identify the course(s) during Course Work, that he/she has to study.
 - To periodically review and assist in the progress of the research work of the research scholar.
- (iv) Every research scholar shall be required to submit half yearly report on the prescribed Proforma to the Supervisor on or before 31st of July (for the period 1st January to 30th June) and on or before 31st of January (for the period 1st July to 31st December) This schedule may be changed by the department, due to admission and other constraints. The supervisor of the research scholar will give his assessment about the progress of the scholar. The Report shall be send to the members of the Research Advisory Committee for their suggestions.
- (v) After submission of the six monthly report, the scholar shall appear before the Research Advisory Committee to make a presentation of the progress of his/her work for evaluation and further guidance. Comments on the six monthly progress reports shall be submitted by the Research Advisory Committee to the DRC with a copy to the research scholar.
- (vi) In case the progress of the research scholar is unsatisfactory, during two consecutive terms of six months, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. The research scholar shall have to implement corrective measures before the RAC for evaluation. In case it is not corrected by the next six monthly evaluation, the Research Advisory Committee may recommend to the DRC, with specific reasons for cancellation of the registration of the research scholar. The DRC may forward the same for approval of the Vice Chancellor or suggest other corrective actions.
- (vii) After the scholar completes the research work he/she shall submit a pre-thesis report (in spiral bound hardcopy and soft copies with Plagiarism check report as per para 10.4), the RAC shall examine the same in the light of regulation and forward the same to DRC, who in turn shall forward it to the examination section, for taking the consent of the proposed examiners.
- (viii) After the submission of pre-thesis by the candidate, the RAC shall submit a panel of eight external examiners and out of which four must be from out of the state. Any examiners from abroad may be proposed in addition to the above eight. The examiners shall have minimum qualifications of eligible supervisor and should be relevant to the topic and should not be in the employment of the University.

8. Departmental Research Committee (DRC)

- (i) Every Department shall have Departmental Research Committee (DRC) duly constituted by the Vice Chancellor from time to time.

- All teachers of the department who are eligible to be Supervisor shall be members of the committee.
 - It shall also contain the Vice Chancellor or his nominee (a faculty member from another department, who is eligible to be a Supervisor in that department)
 - The Head of Department shall be the Convener of DRC.
 - If required there can also be one or two external subject experts appointed by the Vice Chancellor. A panel of six experts shall be submitted by the HOD in consultation with the members.
- (ii) This DRC shall have the following responsibilities:
- To conduct interviews/ Viva Voce for the applicants of Ph.D. Admission, both from entrance examination and from other permitted streams so as to finalize the merit list of candidates for admission to Ph.D.
 - To finalize the Research Supervisors and Co-supervisors based on the proposed topics and availability.
 - To formulate the RAC for every candidate.
 - To review the research proposal synopsis presentation in the light of recommendations of RAC and categorically approve the topic of research and synopsis with or without modifications.
 - To review and approve or suggest modifications in every six monthly progress report forwarded by the RAC.
 - In case the two consecutive six monthly progress of the research scholar are reported by RAC to be unsatisfactory with specific recommendation for cancellation, the DRC shall give a chance of hearing to the scholar to correct the same by next six monthly slot followed by re-evaluation by RAC. In case RAC still records unsatisfactory performance, the DRC may finally recommend the cancellation of the registration of the research scholar for approval from the Vice Chancellor.
 - After the RAC recommends the completion of research work done by the scholar as per the synopsis and ordinance along with short pre-thesis report, the DRC shall allow the scholar to make a presentation to permit him /her for the preparation and submission of final thesis with or without modifications there in. A copy of the recommendation shall be given to the scholar.
 - After the DRC has accepted the final thesis for final submission, it shall be sent to the Examination Section for evaluation to be followed by open defence .
 - The DRC shall forward the examiners' panel to the Examination Section, proposed by the RAC after verifying them as per regulation.
 - The DRC shall maintain records of the Ph.D. scholars and forward the same to the Academic Section and for declaration on the website and records.

- The minutes of DRC shall be applicable after approval from the Vice Chancellor.

9. Prosecution of Research:

Each candidate will be required to spend with Supervisor / Co-Supervisor / University at least 240 days during his/her entire period, starting from his / her enrolment (including course work) till the thesis submission. During this period he/she may interact with supervisors, members of RAC and other teachers of the Department. He/she may also be assigned teaching, practical, tutorials etc as assigned by the Head of Department in consultation with the Supervisor. The candidate shall have to give an undertaking endorsed by the RAC through its convener.

- The candidate may, partly change the topic or title of research on the recommendations of the RAC with the approval of the DRC only till Twelve months from the date of registration.
- DRC may also permit a change in the Research Supervisor if he/she (the Research Supervisor) is unable to continue for one or the other reason. In such a case, it may also permit minor amendments in the title ,topic and the synopsis.
- Each of the Ph.D. thesis (except from Computer Science and Applications Department) must indicate at least a sub-section in Literature Review section showing connections of the research work with the Indian Knowledge Tradition as narrated in Indian Scriptures (भारतीय ज्ञान परंपरा)
- No research scholar shall join any other regular course of study or appear in any other examination conducted by any University leading to the award of regular Degree or Diploma during the period of his/her study otherwise his/her registration for Ph.D. will be cancelled by the Vice-Chancellor on there commendations of the DRC.

10. Submission:

- At proper phase of the work, the candidate will submit his/her pre-thesis and thesis duly computer typed and printed.
- The pre-thesis and thesis must be either in Hindi or in English (in special cases, permission for the thesis in other Indian Languages may be granted by the DRC in writing, before the enrolment)
- The final thesis must be submitted in Six hard bound copies.
- The Ph.D. thesis must undergo a satisfactory Plagiarism check. The mechanism to detect plagiarism and other forms of academic dishonesty, using proper software / gadgets / packages like Turn it in approved by the DRC. This must be ensured by the RAC before the final thesis submission. The exclusion should be limited to Quotes, Bibliography, Phrases, Small matches up to 12 words, Small similarity less than 1%, Mathematical Formula, Name of Institution, Departments etc. The similarity index should not be more than 10 % excluding the Literature Review section and published research papers by himself / herself after the PhD enrolment.

- (v) While submitting for evaluation, the thesis should contain an originality undertaking self certificate from the research scholar vouching that there is no plagiarism and that the work has not been submitted for the award of any other Degree/Diploma of any University . This shall have attestation from the Research Supervisor& Co-supervisor (if any)regarding the work done by the scholar under the guidance of RAC
- (vi) The candidate shall also have to submit the following documents along with the final thesis:
- Soft-Copy of the thesis in suitable word processing software along with its pdf format on CDs. The scanned copies of published and presented papers, certificates received should also be submitted in CD.
 - Declaration from the candidate that the thesis embodies his own work and he/she worked under the supervision of Supervisor and / or Co-supervisor, for the required period as per the provisions of the Regulation;
 - That it is a piece of research work characterized either by the discovery of facts or by a fresh approach towards the interpretation of facts in either case it should evince the candidate's capacity for critical examination and sound judgment.
 - The candidate shall communicate how far the thesis embodies the result of his/her own observations and in what respects his/her investigation appears to knowledge advancement.
 - That it is satisfactory from the point of language and presentation of subject matter
 - The certificate from the supervisor together with co- supervisor (if any), that the thesis fulfills the requirements of the regulation relating to Ph.D degree of the university; that the thesis embodies the work of the research scholar himself / herself and the research scholar worked under him/ them for the period as provided by this regulation.
 - All the fees and dues payable as per the applicable rules have been made and No dues are pending from the candidate.
 - Self Certificate for Plagiarism Exclusion forwarded by the RAC through its convener, specifying and attaching the papers / articles that have been published by the student from thesis work.

11. Evaluation and Assessment Methods

- (i) Upon satisfactory completion of course work, and obtaining the marks/grade, the Ph.D. scholar shall be required to undertake research work.
- (ii) He/She will have to produce a pre-thesis and thesis as per prescribed Regulations.
- (iii) Prior to the submission of the thesis, the scholar shall make presentation before the Research Advisory Committee. After acceptance by RAC, scholar has to present before the DRC 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 thesis in consultation with the Research Advisory Committee. The cycle shall repeat till DRC approves the submission.

- (iv) Ph.D. scholars must publish at least Two research papers in refereed journals from the UGC approved list of journals and make two paper presentations in conferences/seminars before the submission of the /thesis for adjudication, and produce evidence for the same in the form of presentation certificates and/or reprints in hard copy as well as in soft copies. In case proper journals are not available DRC can modify this clause to enable the action in relevant disciplines.
- (v) From the panel of eight external examiners submitted by RAC, two names will be approved by Vice Chancellor having at least one examiner from out of the state or even out of country.
- (vi) If any examiner expresses his/her inability to the work as assigned, or fails to return the thesis in the stipulated time of one month, the Vice Chancellor shall appoint another examiner from the same panel.
- (vii) The thesis shall be evaluated by the two external examiners and the report shall be submitted by them to the examination section confidentially. The examiners will have to give their clear recommendations on the thesis in which they will either- Approve OR Suggest Some Changes OR Disapprove the thesis.
 - a) In case both the external examiners disapprove the thesis or one of them disapproves the thesis and other recommends a revision, it shall be rejected and the research scholar shall be declared ineligible for the award of the degree.
 - b) If one of the external examiners approves the thesis and the other recommends revision or if both the examiners recommend that the candidate be required to improve his/her thesis, the candidate shall be called upon to resubmit the thesis after revision, in the light of the examiner's observations, following the same processing cycle. The candidate will be asked to improve his/her thesis and resubmit not earlier than three months and not later than six months, the period being counted from the date of intimation issued. During re-submission, the candidate must certify that these are revised copies. He/ She shall have to repay the examination fee as stipulated, at the time of resubmitting his/her thesis. The examination procedure shall go through the same cycle as earlier for both examiners.
 - c) If one external examiner approves the thesis and the other disapproves it, the thesis shall be sent for evaluation to the third examiner from the approved panel together with the report of the two examiners without disclosing their identity. The opinion of the third examiner shall be final and binding.
- (viii) On receipt of satisfactory evaluation reports, Ph. D scholar shall undergo a viva-voce examination which shall also be openly defended. On the criticism given in the evaluation report, the viva-voce examination shall be conducted by the Board of Examiners which will be chaired by the Vice

- Chancellor or his nominee and will consist of one external examiner (who has Approved the thesis as an evaluator), the supervisor/s, and the HOD.
- (ix) The date of viva-voce shall be decided by examination section in consultation with Board of Examiners. The information of viva-voce will be communicated well in advance to the scholar for necessary preparation
 - (x) It 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.
 - (xi) If the candidate fails to give satisfactory replies in the viva-voce, the Board of Examiners may recommend for re-viva during a period of three months. For the second viva-voce, the candidate shall pay additional fee as stipulated. But even during the re-viva, the candidate fails to give satisfactory replies; the research work will be rejected and the research scholar shall be declared ineligible for the award of the degree.
 - (xii) After the conduct of viva-voce and completion of the evaluation report by the Board of Examiners, the candidate will be asked to respond to the queries from the teachers, scholars and others present for the viva voce.
 - (xiii) The University shall develop appropriate methods so as to complete the entire process of evaluation of Ph.D. thesis within a period of six months from the date of submission of the thesis.
 - (xiv) After acceptance of the thesis by the Board of Examiners, a detailed report shall be placed before the Academic Council of the University, which in turn shall accord permission to award Ph. D to the said candidate. In case the Academic Council is not meeting shortly, the Vice Chancellor shall approve award of Ph. D and the approval may be reported to the Academic Council in its next meeting.
 - (xv) Enrolment may be cancelled at any time in case of indiscipline or for not abiding by the provisions of the Regulations.
 - (xvi) On detection of any irregularity even after the award of degree, the University shall take suitable steps to withdraw the degree as per provisions of the Regulations.
 - (xvii) No TA/DA shall be payable to the scholar for viva or any activity.
 - (xviii) The University shall also certify that the PhD Degree has been awarded in accordance with the provisions of the UGC Minimum Standards and Procedure for Award of Ph.D. Degrees Regulations, 2016.

12. Depository with InfLibNet:

Soon after the successful completion of the evaluation process (or within a month after the award of degrees) the Examination section shall submit an electronic copy of the Ph. D. thesis to the InfLibNet in the digital repository under the "Shodh Ganga e-repository" and other locations like on the University Repository on its website, for hosting the same so as to make it accessible to all other scholars and to all Universities/ Colleges.

13. Attachments to the Regulation

The regulation is annexed with formats for the Thesis, Reports, Fee schedule etc. in the Annexure These are subject to be updated from time to time with the approval of competent authority.



**Appendix-1 :PERFORMA FOR SIX MONTHLY PROGRESREPORT FOR
Ph.D. SCHOLAR**

1. Name& Address of the Research
Scholar:.....
.....
2. Enrollment Number & Date
3. Department of Registration :.....
4. Email Id:..... Mobile /Phone No.:
5. Date of Registration for Ph.D. :.....
6. Topic of PhD Research :
7. Name of Supervisor :
8. Name of Co Supervisor (if Any) :.....
9. Name of II / III Member of RAC
10. Serial No of this progress report :.....Period From.....To
11. Progress PPT Presentation Proposed on(Last Presented done on:.....
12. Total Number of Days spent with Supervisor / Co-supervisor/ in University
13. Number of Class Lectures Given during this period:
14. Fee Paid detailsDue details.....
15. ProgressDescription of research work done in percentage of proposed in objectives:

S.No.	Description (Scholar may Add / remove items and attach detailed Report)	During these six Months Review	Total Since Registration
	No. of Journal Papers Published*		
	No. of Conference Papers Published*		
	Conferences/Workshop Attended*		
	Review of literature done		
	Design of Algorithm/tools/Flow Charts etc		
	Data Collection		
	Data Analysis		
	Programming		

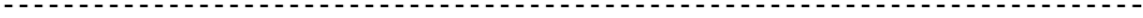
Comments of Supervisor

The Six monthly Performance is Satisfactory / Unsatisfactory.

Comments :

.....
.....
.....
.....Date

Name & Signature



Comments of Co-Supervisor

The Six monthly Performance is Satisfactory / Unsatisfactory.

Comments :

.....
.....
.....
.....Date

Name & Signature



Comments of II / III Member of RAC

The Six monthly Performance is Satisfactory / Unsatisfactory.

Comments:

.....
.....
.....
.....Date

Name & Signature

APPENDIX -2: APPLICABLE FEES DETAILS

The fee of Ph.D degree Programme is divided in two parts Course work and thereafter Research work. Teachers/staff of the university and fellows under the UGCs Schemes of Fellowship will be exempted from Library fees.

A. Course work fees-

S.N.	Fee Head	Fee for Indian Candidates (Rs)	Fee for Foreign Candidates (USD)
1.	Admission Fee	1000/-	30
2.	Enrollment fee for course work	1250/-	40
3.	Tuition fee for course work payable at the time of admission (For six months or part thereof)	15000/-	500
4.	Library Caution money (Refundable)	2500/-	80
5.	Library fee (Per six months)	1000/-	30
6.	University caution money (Refundable)	1000/-	30
7.	University development fund	400/-	10
8.	Student welfare fund	300/-	10
9	Identity Card Fee	100/-	5
10.	Course work examination fee	1000/-	30

B. Research work fees-

S N	Fee Head	Fee for Indian Candidates (Rs)	Fee for Foreign Candidates (USD)
1.	PhD Registration fee	10000/-	300
2.	Tuition fee per (For six months or part thereof) payable within 30 days of start of six months.	15000/-	500
3.	Library fee (For six months or part thereof)	1000/-	30
4.	Re-continuation of Registration (In case of failure in continuous evaluation twice)	3000/	100
5.	Thesis Submission fee	10000/-	300
6.	Re-submission fee (If required)	10000/-	300
7.	Thesis Evaluation fee	10000/-	300
8.	Viva Voce fee	20000/-	600
9	Re Viva Voce fee (If required)	10000/-	300
10.	Extension fee (If required)	3000/-	100
11	Any other fee decided by University	As Applicable	As Applicable
12	If full payment of tuition fees not received by the due date. A late payment penalty of Rs.2/- per day will be charged.		

APPENDIX -3: THESIS FORMATS

<APPROVED THESIS OF TITLE>

<Entries in triangular brackets should replace actual data>

**Thesis Submitted
in partial fulfilment of the requirements for award of the
Degree of DOCTOR of PHILOSOPHY (Ph.D)**

Submitted by

<Name>

Enrolment No.: <....>

Under the Supervision of

< Name of Supervisor /s>

< Designation of Supervisor /s>



<DEPARTMENT NAME>

**Makhanlal Chaturvedi National University of Journalism and
Communication,**

Bhopal (M.P.) – 462011

<Month & Year>

SUGGESTED SPECIFICATIONS FOR THESIS

Paper	:	White A4 size paper (any brand)
Printing	:	Both sides of paper (Preferably)
Font size	:	10 to 16
English Font	:	Times New Roman / Arial
Hindi Font	:	Arial Unicode MS
Top margin	:	1 inch
Bottom margin	:	1 inch (with Title & page no.)
Left margin	:	1 inch
Right margin	:	1 inch
Binding	:	Hard Bound(color specified by DRC)

ACKNOWLEDGEMENTS

The thesis shall carry an acknowledgement of not more than two pages, where the candidate may thank the Supervisor, the University specifying the department, other persons / institutions who helped him / her academically and those who helped him / her non-academically in the course of his / her study and in the preparation of the thesis. Thanking the typist / Xerox Company and other assistants should be avoided.

Dedication is not allowed.

Place :

Date :

Name & Signature of the Candidate

DECLARATION OF THE CANDIDATE

I < Name>hereby certify that the work which is being presented in this thesis entitled <Title>, in fulfillment of the requirements for the award of degree of **Doctor of Philosophy (PhD)** submitted in <Department Name>, Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal (M.P.), embodies an authentic record of my own work. My research work is supervised by <Supervisor/s> at the approved place of work for the required period as per the provisions of the regulations, and refers / acknowledges the work of other researchers, which are duly listed in the reference section.

Further, I am submitting a soft copy (PDF format) and affirm that the above work may be checked for data-matching and if found to be plagiarized of any part, I may be subjected to any disciplinary action including either rejection of the work and or cancellation of the registration.

I have attended more than 240 days of work with the Supervisor/ Co-supervisor / in the University since the enrolment till submission.

The matter presented in this thesis has not been submitted for the award of any other degree of this or any other university.

<name>

Enrolment No. <...>

Date:

Place:

Counter Signature of the Research Supervisor/s

This is to certify that the thesis fulfills the requirements of the regulation related to Ph.D Degree of the University, that the thesis embodies the work of the research scholar <name>him / her self. Thesis is satisfactory from the point of language and presentation of subject matter. Above statement made by the candidate is true to the best of my knowledge and belief.

< Name of the Research Supervisor/s>

<Designation>

<Department >

Makhanlal Chaturvedi National University

of Journalism and Communication,

Bhopal (M.P.)

Table of Contents

The table of contents shall list the chapters & subchapters of the thesis and the bibliography in their order along with the numbers of the first pages. It should be auto generated with hyperlinks for easy access by viewers. (Sample is shown below). Chapters should be properly subdivided into distinct sections, the sectional subdivisions may also be listed in their order with the numbers of their first page under each subdivision. The Appendix may be listed after the bibliography.

CERTIFICATE	ii
ACKNOWLEDGEMENTS.....	iii
ABSTRACT.....	v
LIST-OF-FIGURES	x
LIST-OF-TABLES.....	xi
ABBREVIATIONS.....	xiii
CHAPTER-1-INTRODUCTION-AND-REVIEW-OF-LITERATURE	1
1.1 → Background.....	1
1.1.1→Software-Maintainability.....	4
1.2 → Literature-Review.....	6
1.3 → Empirical-Approaches.....	23
1.3.1→Analytical-Hierarchy-Process (AHP).....	24
1.3.2→Analytical-Network-Process (ANP).....	28
1.3.3→AHP-Versus-ANP.....	30

LIST OF SYMBOLS & ABBREVIATIONS

Symbols and abbreviations used in the thesis, wherever applicable, shall be listed with their explanation / expansion.

LIST OF TABLES

Table No.	Table Title	Page
1.1	Importance Value of Factors	23

Tables shall be listed in the content page with their respective page numbers and Table numbers. Within the body of the thesis, the figures should have captions with explanation for symbols used therein.

LIST OF FIGURES

The Figures shall be listed in the content page with their respective page numbers and Figure Numbers. Within the body of the thesis, the tables should have self-explanatory captions.

ABSTRACT

The Abstract of the thesis shall not exceed two pages

BIBLIOGRAPHY

A list of references to be given in any one of the internationally recognized style manuals.

DETAILS OF PUBLISHED WORK FROM RESEARCH

The work published in any form should be properly detailed. All the soft copies should be presented in the CD