

देवी अहिल्या विश्वविद्यालय, इन्दौर

क्रमांक - प्रशा./इक्कीस(2)/2024/२।

दिनांक 0 9 JAN 2024

अधिसूचना

एतद् द्वारा सर्व—संबिद्धातं को अधिसूचित किया जाता है की स्थाई समिति की बैठक दिनांक 06.07.2023 के कार्य विवरण को देवी अहिल्या विश्वविद्यालय, इन्दौर की कार्यपरिषद् की बैठक दिनांक 07.07.2023 के विषय क्रमांक—02 में लिए गए निर्णय अनुसार विश्वविद्यालय द्वारा निम्नलिखित अध्यादेश अंगीकृत करने की स्वीकृति प्रदान की गई है, जो कि निम्नानुसार है:—

- Ordinance No. 11 (for Ph.D.): It is modified in line of new UGC regulations for Ph.D. 2022.
 Modified Fee Structure and Remunerations for Ph.D.
- Ordinance No. 12 (DOCTOR OF LETERS/SCIENCE/LAW) proposed Fee Structure and Remunerations.

तद्नुसार संलग्न प्रस्ताव का अनुमोदन किया गया।

संलग्नः - उपरोक्तानुसार।

आदेशानुसार — १५५५ कुलसचिव

पृ.क्रमांक — प्रशा. / इक्कीस(2) / 2024 / 2 । पतिलिपि :-- दिनांक :

0 9 JAN 2024

।लापः – 1. विभागाध्यक्ष समस्त अध्ययनशाला, देवी अहिल्या विश्वविद्यालय, इन्दौर।

2. समस्त अधिकारीगण, देवी अहिल्या विश्वविद्यालय, इन्दौर।

निदेशक, महाविद्यालयीन विकास परिषद्, देवी अहिल्या विश्वविद्यालय, इन्दौर।

4 विभागाध्यक्ष, आई.ई.टी. सेन्टर, विश्वविद्यालय की वेबसाईट पर उपलब्ध कराने हेतु प्रेषित।

5. कुलपतिजी के सचिव/कुलसचिव के निज सहायक देवी अहिल्या विश्वविद्यालय, इन्दौर की ओर सूचनार्थ।

6. सहायक कुलसचिव (शैक्षणिक / परीक्षा) की ओर सूचनार्थ।

उपमुलसचिव (प्रशा.)

—(As Approved by the Coordination Committee in its meeting held on 25/10/2017 and Adopted by Devi-Ahilya Vishwavidyalaya in its EC meeting held on 04/12/2017). The same has been modified in light of UGC Regulations, 2022 and approved by the EC in its meeting held on

ORDINANCE NO. 11 DOCTOR OF PHILOSOPHY

Revised in light of the University Grants Commission (Minimum Standards and Procedures for Awards of Ph.D. Degree) Regulations, 2022 notified by the University Grants Commission, New Delhi on November 7, 2022

- 1. The Ordinance shall come into force with effect from the date of its notification by UGC in Gazette. With the enforcement of this ordinance, existing ordinance shall be repealed.
- 2. No Ph.D. scholar shall join any other course/study or appear in any other examination leading to a diploma/ degree, except certificate course(s), during his/her Ph.D. programme.

3. Eligibility:

The candidates who have completed either one of the following are eligible to seek admission in the Ph.D. programme:

(i) 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.

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

(ii) M.Phil. Programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of educational institutions.

A relaxation of 5% marks or its equivalent grade may be allowed in all above mentioned cases for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the UGC from time to time.

4. A candidate shall ordinarily be permitted to work for Ph.D. Degree in the subject in which he/she has obtained his/her qualifying degree.

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Provided that, research work leads to Ph.D. Degree may be allowed in allied subject of interdisciplinary nature of the same faculty or of allied faculties. In such cases, candidates may be permitted to work under one or two co-supervisors along with the supervisor.

- 5. Candidates shall be admitted through an entrance test followed by an interview. The students who have fellowship/scholarship through UGC-NET/ UGC-CSIR NET and other similar national level tests in relevant subject shall be exempted from the entrance test but they have to appear in the interview. The foreign students shall also be exempted from the entrance test but they also have to appear in the interview.
- 6. The university shall annually decide well in advance the number of seats available for Ph.D. programme in each subject. The university shall notify a prospectus in advance on its website specifying the number of seats for admission, subject/discipline-wise distribution of available seats, criteria for admission, the procedure for admission, examination centre(s) where entrance test shall be conducted and all other relevant information for the candidates.
- 7. While assessing the number of vacancies under a supervisor, the seat will be considered vacant on the actual date of submission of Ph.D. thesis under his/her supervision.

a. In response to the notification of the university, the candidate desirous of seeking admission to Ph.D. programme shall be required to submit application.

b. Candidates shall be admitted through the Doctoral Entrance Test (DET), which shall be conducted for each subject separately at the University Teaching Departments or other venues as decided by the University.

Provided that, the colleges which are approved research centres, shall be allowed to conduct the DET for the subjects not available in the University Teaching Departments.

Provided further that, the Vice Chancellor may assign to the allied or to any University Teaching Department to conduct the DET for the subjects available only in the colleges.

Note: The University may issue a separate admission notification for the candidates who are exempted from DET.

9. Research Advisory Committee and its Functions:

The Vice Chancellor shall constitute subject-wise Research Advisory Committee (RAC) comprising of the following members:

- 1. Dean of the concerned faculty
- 2. Chairperson, Board of studies
- 3. Head of the Department/ Principal
- 4. One subject Supervisor from the UTD (if available) to be nominated by the Vice Chancellor
- 5. One subject Supervisor from a College / Research Establishment (if available) to be nominated by the Vice Chancellor
- Chairperson
- Member
- Member & Co-ordinator
- Member
- Member

If the Dean of the faculty is not available, the Vice Chancellor shall appoint any other Dean or a Senior Professor of the University to chair the Research Advisory Committee. Chairman and two other members shall form the quorum. In case quorum is not complete then the Vice Chancellor may nominate one or two subject experts in the relevant field(s) from the same university / other university to form the quorum.

The functions of the RAC shall be as follows:

1. To check the eligibility of the candidates qualified for interview to get admission in Ph.D. programme.

2. To conduct the interview of eligible candidates and finalize the list of selected candidates for admission in Ph.D. programme.

3. To recommend new Supervisor/ Co-Supervisor

4. To review the research proposal and finalize the topic of research.

5. To guide the Ph.D. scholar in developing the study design and methodology of research and identify the course(s) that he/she may have to do.

6. To periodically review the progress of the research work of the Ph.D. scholar and provide suggestions for further research.

7. Any other related work assigned by the Vice-Chancellor.

10. (a) Entrance Test:

The Doctoral Entrance Test will have the question paper in two parts. Part-A shall consist of 50 objective type compulsory questions of 1 mark each based on research methodology. It shall be of generic nature, intended to assess the research aptitude of the candidate. It will primarily be designed to test reasoning ability, data interpretation, and quantitative aptitude of the candidate. Part-A may be common within the same faculty. Part-B shall also consist of 50 objective type compulsory questions of 1 mark each based on the subject of the research. The syllabus of both parts of the question paper shall be approved by the concerned Board of Studies. The paper shall be prepared by a panel of examiners recommended by the Examination Committee of the concerned subject and approved by the Vice Chancellor.

The duration of the Doctoral Entrance Test will be of two hours. There will be no negative marking.

The candidates must score minimum 50% marks in the entrance test to qualify for the interview. A relaxation of 5% marks will be allowed in the Doctoral Entrance Test to the candidates belonging to SC/ST/OBC/differently-abled category, Economically Weaker Section (EWS), and other categories of candidates as per the decision of the UGC from time to time. A list of the eligible candidates for interview shall be prepared including the candidates exempted from DET and qualified on the basis of the result of the Doctoral Entrance Test and the same list shall be submitted to the Registrar to notify.

DET score will be valid for two years or next consecutive DET, whichever is earlier.

(b) Interview:

The candidates either exempted from DET or have successfully qualified in the DET are eligible to appear in the interview. The interview shall be conducted by the Research Advisory Committee.

The candidates are expected to bring the No Objection Letter from the proposed Supervisor and Cø-supervisor (if applicable) duly forwarded from the Head of the research centre (s).

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The candidates are required to discuss their research interest / area through a presentation before the Research Advisory Committee. The interview/viva-voce shall also consider the following aspects, viz. whether:

- the candidate possesses the competence for the proposed research;
- the research work can be suitably undertaken at the research centre;
- the proposed area of research can contribute to new/additional knowledge.

The evaluation in interview will be based on 100 marks to be allocated in the following criteria, each of 25 marks:

- (i) Research plan
- (ii) Research potential/ aptitude
- (iii) Communication skills
- (iv) Subject knowledge in the respective area of research.

The Chairperson of RAC will allocate the marks in each of above criterion after consensus. In case of disagreement among the members the average of the marks given by individual member will be the final marks in the criterion.

After interview a common merit list will be prepared of all the candidates either exempted from DET or qualified for the interview through DET. The merit list will have 100% weightage of the marks obtained in the interview for the candidates exempted from DET and weightage of 70% of the marks obtained in DET and 30% of the marks obtained in the interview for the candidates who qualified for interview through DET.

The RAC shall decide the cut-off marks in the merit list for admission for Ph.D. for each category of the candidates - reserved or unreserved.

The RAC shall finalize the list of the candidates to be admitted to the Ph.D. programme in the concerned subject as per the merit and availability of seats. It shall also allot the Research centre, Supervisor, Co-Supervisor (if any), and approve the tentative area of the proposed research work. The final list shall be submitted to the Registrar for approval of the Vice-Chancellor. After the approval of the Vice-Chancellor, the list shall be notified.

Note: (i) While granting admission to Ph.D. programme, the RAC will pay due attention to

(ii) The RAC should also see that only the predetermined number of students shall be the State Reservation Policy. admitted to Ph.D. programme.

A regular teacher/ scientist who wants to get himself / herself recognized as a Supervisor/Co-Supervisor shall apply in the prescribed format duly forwarded by the relevant Head/ Principal/ Director to the concerned research centre of the University.

Provided that, the regular teacher who has been recognized as Supervisor/Co-supervisor under the repealed ordinance shall continue to be recognized as Supervisor /Co-Supervisor.

The Research Advisory Committee shall recommend the person to recognize as Supervisor/ Co-supervisor as per eligibility criteria given below. RAC shall prepare the list of recommended Supervisors and submit to the Registrar for approval of the Vice-Chancellor. The approved list will be notified by the University.

Permanent faculty members working as Professor/Associate Professor in the University/ discipline specific P.G. Department of the College with a Ph.D. and at least five research publications in peer-reviewed or refereed journals and permanent faculty members working as Assistant Professors in the University/ discipline specific P.G. Department of the College with a Ph.D. and at least three research publications in peer-reviewed or refereed journals may be recognized as a Research Supervisor in the university where the faculty member is employed or in its affiliated Post-graduate Colleges/institutes. Such recognized research supervisors cannot supervise research scholars in other institutions, where they can only act as co-supervisors. The university will not enroll any Ph.D. scholar under the supervision of such a faculty member who is not an employee of the University or its affiliated College/institute/ recognized research centre.

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

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

Co-Supervisors from within the same department or other departments of the same institution or other institutions may be permitted by the RAC.

Adjunct Faculty members shall not act as Research Supervisors and can only act as cosupervisors.

The allocation of the supervisor for a selected student shall finally be decided by the RAC in a formal manner depending on the available seats with the supervisor, the available specialization among the supervisors and the research interest of the student as indicated during the interview. The Research Advisory Committee shall also consider the following points during the process of allotment of Supervisor/ Co-supervisor:

- (i) In case of interdisciplinary/multidisciplinary research work, if required, a Co-Supervisor from outside the Department/School/Centre/College/University may be appointed.
- (ii) An eligible Professor/Associate Professor/Assistant Professor can guide up to eight / six / four Ph.D. scholars, respectively, at any given time. However, each supervisor can guide up to two international research scholars on a supernumerary basis over and above the permitted number of Ph.D. scholars.

At any point, the total number of Ph.D. scholars under a faculty member, either as a supervisor and/or a co-supervisor, shall not exceed the number as prescribed above.

(iii) In case of relocation of a female Ph.D. scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University/ P.G. College to which the scholar intends to relocate, provided all the other conditions in this Ordinance are followed, and the

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research work does not pertain to a project sanctioned to the parent Institution/Supervisor by . any funding agency. Such scholar shall, however, give due credit to the parent institution and the supervisor for the part of research already undertaken. Such cases shall be decided by the RAC. The candidate has to pay prescribed fees to the university where she is being transferred.

(iv) Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision. However, such faculty members can continue to supervise Ph.D. scholars who are already registered until superannuation and as a co-supervisor after superannuation, but not after attaining the age of 70 years. Date of meeting of the RAC for allotment of Supervisor/ Co-Supervisor shall be the cut-off date for deciding the age of the faculty member.

(v) A recognized Supervisor/ Co-supervisor who fails to publish any research paper over duration of five years shall not be eligible to enroll any new candidate under his / her Supervision.

Consent from the supervisor/ co-supervisor is not mandatory. RAC may allocate a candidate to the supervisor against his/ her vacant seat (s) even he/she has not given the consent. If supervisor/ co-supervisor denies to supervise the allotted candidate he/she has to submit valid reason for it and consent from alternate supervisor/ co-supervisor to supervise the candidate. If he/she fails to do so then his/her name will be deleted from the supervisors' list.

If a candidate permitted to work in a research establishment recognized by the university as a research centre through MoU then it be required to take one Supervisor/ Co-Supervisor from the institution/ research establishment where the candidate is actually working. And respectively Co-supervisor/ Supervisor will be allotted from the UTD with which Research Laboratory has the MoU.

Provided that, a candidate may be permitted to carry out his practical work in a Research Institution/Research Laboratory/Laboratory of a University for the purpose, under the supervision of a Scientist/ Teacher of the Institution who may or may not be the Cosupervisor of the candidate.

In case of topics which are of inter-disciplinary nature where the RAC feels that the expertise in the research centre has to be supplemented from outside, the RAC may appoint a Research Supervisor from the research centre, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Research centre/ Faculty / College/ University on such terms and conditions as may be specified and agreed upon by the consenting Institutions/Colleges.

A candidate shall pursue his/her research at the allotted research centre under the supervision of allotted Supervisor/ Co-Supervisor.

12. Admission of International Students in Ph.D. programme:

The international students seeking admission in Ph.D. programme will be admitted directly (without DET) if they fulfil eligibility criteria as mentioned above in clause (2).

13. Course Work:-

- (a) The candidates selected for admission in Ph.D. programme are required to apply for the Ph.D. registration on prescribed proforma downloadable from the university website (Appendix-I) along with the necessary documents and certificates. The duly filled registration form shall be forwarded by the research centre after verifying the payments of the following
- (i) Registration fee

Ph.D. Course work fee (ii)

Research Centre fee for six months (iii)

Research Centre Caution Money (payable once only and refundable) (iv) (v)

University Library fee for six months

University Library caution money (payable once only and refundable) (vi) (vii)

Student Services fee for six months

Research Laboratory fee for six months (where laboratory work is involved) (viii) (ix)

Any other fee as decided by the university. (x)

Duly forwarded Ph.D. registration form should be submitted to the University and a photocopy of the same form and documents should be submitted to the Research Centre.

All Ph.D. scholars, irrespective of discipline, shall be required to be trained education / pedagogy / writing related to their chosen Ph.D. subject during their doctoral period. Ph.D. scholars may also be assigned 4-6 hours per week of teaching/ research assistantship for conducting tutorial or laboratory work and evaluations.

The candidates admitted to the Ph.D. programme and submitted the Ph.D. registration form shall be required to complete the course work of 18 credits as prescribed by the University/ Research Centre in maximum two attempts. The course work shall be treated as prerequisite for Ph.D. preparation. 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. The examination and evaluation scheme for Ph.D. course work shall be as per the examination and evaluation scheme of the University applicable to the other

The Ph.D. course work shall contain the following courses:

(i)	Research Methodology	
(ii)	Review of Published Research in the relevant field	4 credits
(iii)	Computer Applications	3 credits
(iv)	Advance course in the relevant subject	3 credits
(v)	Research and Publication Ethics	3 credits
(vi)	Comprehensive Viva-Voce	2 credits
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The course on Research Methodology should cover areas such as statistical research methods, research report writing, etc. The course on Review of Published Research in the relevant field will be undertaken under the supervisor or the regular teacher of the centre of course work and the candidate has to consult the library or other resources to carry out the literature review. At the end of the semester the candidate has to submit a brief report on the literature review for evaluation, which will be done by the two examiners. The course on computer applications will include the computer applications helpful in the relevant subject.

The advanced course in the relevant field shall comprise the topics related to the subject of research. The course on research and publication ethics will cover the topics related with ethical issues in research and publications. The syllabus of the all the courses shall be decided by the concerned Board of Studies.

The final grades shall be submitted to the University. The University shall issue the certificate of the Ph.D. course work in the prescribed format (Appendix-II).

- (b) The course work shall be conducted in the University Teaching Departments/ Research centers as approved by the Vice chancellor.
- (c) A combined course work for Ph.D. students may be conducted for a single / group of subjects wherever possible.
- (d) If found necessary, course work may be carried out in sister UTD/ Institute within the University for which due credit will be given.
- (e) If a student obtains F or Ab Grade in a course/ subject, he /she will be treated to have failed in that course. He / she have to reappear in the examinations of the course as and when conducted or arranged by the UTD in the next semester. Marks obtained earlier in continuous assessment may be carried forward and added to the marks obtained in repeat end-semester examination to decide the grade in the repeat course. The student has to pay the prescribed examination to decide the grade in the repeat course, he/she shall not be given fee for repeating the course. If he/she further fails in the course, he/she shall be allowed another chance and he/ she shall be out of the Ph.D. programme. No student shall be allowed to repeat the course to improve the grade if he/ she pass the course.
 - (f) The candidate has to obtain a minimum of 55% of marks or its equivalent grade points in aggregate in the course work in order to be eligible to continue in the Ph.D. programme.

14. Registration of the Student:

After successful completion of the Ph.D. course work the students shall submit the copy of the certificate of the course work and synopsis of the proposed research work in the prescribed Proforma (Appendix-III) to the research centre and University within two months from the date of declaration of result of the Ph.D. course work. If Ph.D. scholar could not submit these documents within given time period, two months additional time may be submit these documents within given time period late fee. No further time will be provided by the University after payment of prescribed late fee. No further time will be given and his/her candidature will be cancelled.

The candidate shall make an oral presentation of his/ her proposed research work before RAC

Note: - On the request of the supervisor, Vice Chancellor may permit him / her to be present as an observer during the oral presentation of his/her candidate.

The RAC shall recommend the topic of research of the candidate for the Ph.D. degree. On approval by the RAC, the candidate shall be registered and enrolled as a Ph.D. student from the date on which candidate deposited the registration fee. Candidate will also be required to pay required fees regularly during his research tenure.

Provided that, if the RAC approves the topic and suggests a minor change in synopsis, then the candidate shall be allowed to submit a revised synopsis through the Chairperson, BOS and

If the RAC does not approve/recommend a candidate for registration to Ph.D. programme. Candidate shall be allowed to make an oral presentation again in the next RAC. Provided that, if candidate fails to be present or satisfy the RAC for the second time, his / her case will be rejected / cancelled. In such case, the caution money deposited by the candidate shall

15. In case of any dispute in the Research Advisory Committee regarding allied subjects of interdisciplinary nature, the case should be referred to the Academic council. The Vice Chancellor may constitute a committee in this regard and the report of the committee should be placed before the Academic council/standing committee for decision.

16. Monitoring of the Progress of Research Work:

The Research Advisory Committee will meet in the starting of each semester to evaluate the progress of the research work carried out and provide further guidance. The Ph.D. scholar shall submit his/ her attendance details of last semester duly verified by the Supervisor, a brief progress report on a prescribed format (Appendix-IV) on the research work carried out and fee receipt of the next semester. Ph.D. scholar shall appear before the Research Advisory Committee to make a presentation on the progress of his/her work for evaluation and further guidance. The Research Advisory Committee shall submit its recommendations along with a copy of Ph.D. scholar's progress report to the University. A copy of such recommendations shall also be provided to the Ph.D. scholar.

Each supervisor shall maintain an attendance register of all the research scholars working under him/her. Attendance details submitted by the Ph.D. scholar should be verified from

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

RAC may decide the change of Supervisor/ Co-Supervisor on the written request of the Ph.D. scholar with valid reasons and duly forwarded by the supervisor/ Co-Supervisor. In such case RAC may also permit minor changes in the topic of the research due to change of the

On the advice of the Supervisor and Co-Supervisor (if any) minor changes in the thesis title may be approved by the Research Advisory Committee at any stage of research.

17. Duration for Completion the Ph.D.:

The candidate shall put in at least 200 days attendance after completing course work in the Institution concerned or with the Supervisor.

The candidate shall be permitted to submit his/her thesis not earlier than three years and not later than six calendar years, from the date of registration. In case a candidate does not

submit his/ her thesis within six calendar years from the date of registration and does not apply for re-registration in time, his/her registration shall stand automatically cancelled.

Provided that, Vice-Chancellor may permit a candidate to get re-registered on the same topic on payment of re-registration fee. The minimum period of three years and attendance shall not apply to such reregistered candidates. A maximum of an additional two years can be given through a process of re-registration; provided, however, that the total period for completion of a Ph.D. programme should not exceed eight years from the date of registration in the Ph.D. programme.

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

The women candidates may be provided Maternity Leave/Child Care Leave for up to 240 days in the entire duration of the Ph.D.

- 18. Evaluation and Assessment Methods, minimum standards for award of the degree:
 The candidate shall submit a draft dissertation / thesis to the research centre prior submission of the research summary and the scholar shall make a presentation in the research centre open to all faculty members and other research scholars. The feedback and comments obtained from them may be suitably incorporated into the draft dissertation / thesis in consultation with the supervisor/ co-supervisor.
- 19. (a) The candidate shall submit six hard copies and a soft copy of the summary of the thesis together with a list of research papers published/communicated for publication, if any, through his Supervisor to the Registrar about three months prior to the anticipated date of submission of thesis.
- (b) The Supervisor shall submit a panel of at least six names of examiners actively engaged in the concerned area of research not below the rank of Associate Professor (Reader) or college Professor in a sealed envelope to the Registrar. Provided that the panel of examiners shall be Professor in a sealed envelope to the Registrar. Provided that the panel of examiners shall be obtained from the Head University Teaching Department/School of Studies/chairman Board of Studies of the subject concerned, in case the candidate is related* to the Supervisor.
- (c) On the receipt of the panel of examiners from the Supervisor and summary from the candidate, the Registrar shall call a meeting of Examination committee of the subject concerned. Considering the panel submitted by the Supervisor/Head University Teaching Department/School of Studies/Chairman, Board of Studies, and the committee shall prepare a panel of six examiners.
- (d) The Vice Chancellor shall appoint, out of the panel submitted by the Examination Committee, four examiners in order of preferences. Out of which at least two shall be from out of the state. The consent of examiners shall be obtained by sending them the summary and list of publications, if any.

Note: - Supervisor/Head of the department/Chairman Board of Studies as well as Examination Committee can also recommend the name of foreign examiners. *The term

relations shall include: Father, Mother, Wife, Husband, Daughter, Son, Grandson, Granddaughter, Brother, Sister, Nephew, Niece, Grandnephew/ Grandniece, Uncle, Aunt, Son-in-law, sister-in-law, father-in-law, mother-in-law, first cousin-in-law etc.

20. The candidate shall submit three copies of hardbound thesis printed on both sides and soft copy within three months from the date of submission of summary of the thesis. If thesis is not submitted within three months period, three months additional time may be provided by the University after payment of prescribed late fee. No further time will be given and his/her candidature will be cancelled. However, the thesis should be submitted within available time period as detailed in Clause 17 above.

The thesis should accompany along with the followings:

- (a) The University shall evolve a mechanism using well developed software and gadgets to detect plagiarism and other forms of academic dishonesty. While submitting the thesis for evaluation, the thesis shall have a declaration from the research scholar, forwarded by the Supervisor and/ or Co-Supervisor, stating the originality of the work, vouching that there is no plagiarism, work done under the Supervisor / Co-supervisor at the approved place of the work for the required period as per the provisions of the Ph.D. Ordinance, and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution (Appendix–V).
- (b) The Certificate from the Supervisor together with Co-supervisors, if any, that the thesis fulfils the requirements of the ordinance relating to the Ph.D. Degree of the University (Appendix VI).
- (c) The candidate shall also remit with the thesis a prescribed examination fee.

Note: Soft copy of the summary / thesis may be submitted in CD/ Pen drive/ through email to the dedicated Email ID.

- 21. On receipt of the thesis along with the certificates and fee, it shall be sent to the examiners. The Ph.D. thesis submitted by a research scholar shall be evaluated by his/her Research Supervisor and at least two external examiners, who are not in the jurisdiction of the University, of whom one examiner may be from outside the country. All examiners including Supervisor shall submit their report in the prescribed format.
- 22. The thesis to be accepted for the award of the Ph.D. degree must comply with the following conditions:
- (a) It must be a piece of research work characterized either by the discovery of the 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.
- (b) It must be satisfactory in point of language and presentation of the subject matter.
- 23. The examiners shall categorically recommend in the prescribed proforma the acceptance/revision or rejection of the thesis together with detailed comments on the points to be asked at Viva-voce examination.

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- 24. The Vice Chancellor can recall the thesis from an examiner who fails to send the report within two months of the date of dispatch of the thesis and appoint another examiner.
- 25. (a) In case both external examiners reject the thesis or one of them rejects the thesis and the other recommends a revision, the thesis shall be rejected.
- (b) If both the examiners recommend for the revision of the thesis, the candidate shall be called upon to revise the thesis in the light of the observations of examiners.
- (c) If one examiner approves the thesis and the other rejects it or recommends for revision the thesis shall be sent to the third examiner drawn from the panel of examiners approved by the Vice Chancellor without the reports of earlier examiners. The third examiner shall be asked to give his/her opinion and this opinion shall be final.
- (d) In case both the original examiners accept the thesis for the award of the Ph. D. Degree or in the event of it being referred to the third examiner, the third examiner accepts the thesis for the award of the Ph.D. Degree, the candidate shall be called upon to appear at the vivavoce examination before a board of examiners comprising of the Supervisor / Co-supervisor voce examination before a board of examiners (appointed by the Vice Chancellor) who have accepted (if any) and one of the two examiners (appointed by the Vice Chancellor shall appoint the thesis for the award of the Ph.D. degree. Provided that the Vice Chancellor shall appoint the thesis for the award of Studies or Chairman Board of Studies of the subject concerned Head Department/School of Studies or Chairman Board of Studies is related to the Supervisor.
 - (e) The Supervisor/Head University Teaching Department/School of Studies/ Chairman, Board of Studies of the subject concerned, as the case may be, shall be communicated the name of the external examiner appointed by Vice Chancellor to conduct the viva-voce the name of the external examiner appointed by Vice Chancellor to the candidate and the examination. The date fixed for the viva-voce be informed to the candidate and the Registrar.

Provided that (looking to the) in special circumstances, Vice Chancellor may appoint alternate viva-voce examiner if both the examiners are not in a position to conduct the viva-voce examination.

- (f) The viva-voce examination shall be conducted at the University Teaching Department/School of Studies in the subject/ research centre / or at any place preferably Online with recording, fixed by the University for the purpose. The date, time and place of viva-voce examination shall be notified by the Registrar at least a week in advance. At the viva-voce examination, the board of examiners shall be provided the reports of time of viva-voce examination, the board of examiners of viva-voce examination to the the examiners which shall be returned along with the report of viva-voce examination to the Registrar.
 - (g) The candidate shall present the work embodied in the thesis before the board of examiners, members of the faculty, research scholars and other interested persons. After the presentation of the research work, the Board shall ask questions together with those questions which have been given along with examiners reports. Others in the audience can also ask which have been given along with examiners reports which are permitted by the questions and the candidate shall reply only those questions which are permitted by the external examiner.

- (h) In case the recommendations of the viva-voce examiners differ from that of the thesis examiner or there is difference of opinion between the viva-voce examiners, the candidate shall reappear at a second viva-voce examination within six-months. If the candidate fails to satisfy the viva-voce examiners a second time, his/her thesis shall be finally rejected. Such candidates would be required to pay an additional prescribed fee for second viva-voce. The external examiner for second viva-voce shall be appointed by the Vice Chancellor.
- 26. If the examiners recommend that the candidate be asked to revise/improve his thesis, the candidate has to resubmit his thesis not earlier than six months and not later than eighteen months, the period being counted from the date of the issue of order to the candidate. The candidate shall be provided examiners(s) reports without disclosing the names of the examiners to enable him/her to improve the thesis. All the copies of thesis shall also be returned to the candidate.

In case the candidate is allowed to resubmit the thesis he/she will have to pay a prescribed fee afresh at the time of resubmission, but it shall not be necessary for him to reproduce any certificate of further attendance at the institution at which he/she carried out the work. The resubmitted three copies with a soft copy of the thesis must make clear mention that it is a revised version.

The thesis shall be got examined as for as possible by the examiners who finally recommended for the revision.

In case both the examiners of revised thesis accepted the thesis for the award then the candidate shall be awarded the Ph.D. degree on successful viva-voce examination as per provisions of clause 25 of the Ordinance.

In case a candidate is asked to revise the thesis under clause 25(b) and one of the examiners recommends again for revision and the other accepts the thesis for award then the thesis shall be sent to the third examiner, if the third examiner rejects or recommends for revision the thesis shall stand rejected. If he accepts for the award then the candidate shall be awarded the Ph.D. degree on successful viva-voce examination as per provision of clause 25 of the Ordinance.

In case a candidate who has been asked to revise the thesis under class 25 (c) and one of the examiners recommends again for revision and the other accepts the thesis for award then the candidate shall be awarded the Ph.D. Degree on successful viva-voce examination as per provision of clause 25 of the ordinance. If the revised thesis is required to be revised a second time, it shall automatically stand rejected.

- 27. The thesis shall be published only with the permission of the University and such publication shall state on the title page itself that this was a thesis approved for the award of the Ph. D degree of the University.
- 28. After the viva-voce, the recommendation of the examiners shall be reported to the Executive Council for the award of Ph.D. degree to the candidate. One copy of the thesis will be kept in the University Library and another copy will be kept in the Departmental Library of the Institution where the research work was carried out, the third will be returned to the supervisor. After successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree, the university shall submit an electronic

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copy of the Ph. D. thesis to the INFLIBNET, for hosting the same so as to make it accessible to all Institutions/Colleges.

- 29. After the declaration of the result the successful candidates may be provided the copies of reports of examiners who recommended for the award of the degree on payment of prescribe fee. The reports will not be disclosed the identity of the examiners.
- 30. On detection of any irregularity, the University shall take suitable steps to withdraw the degree as per provisions of Section 6 [12] of the Adhiniyam.

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.

31. Academic, research, administrative and infrastructure requirements to be fulfilled by the Research Establishments / Colleges for getting recognition as Research Centre:

Research establishments/ laboratories of Government of India/ State Government with at least two Ph.D. qualified Scientists / other academic staff along with required infrastructure, least two Ph.D. qualified Scientists / other academic staff along with required infrastructure, supporting administrative and research promotion facilities as per this Ordinance, shall be supported eligible to recognize as research centre through MoU with the concerned UTDs.

Affiliated Post-graduate colleges may be considered eligible to offer Ph.D. programmes only if they satisfy the availability of eligible Research Supervisors, required infrastructure and supporting administrative and research promotion facilities as per this Ordinance. Colleges should have the necessary recognition of the University under which they operate to offer Ph.D. programme.

Post-graduate Departments of the Colleges with at least two Ph.D. qualified teachers in the Department concerned along with required infrastructure, supporting administrative and research promotion facilities as per this Ordinance, shall be considered eligible to offer Ph.D. programmes.

Colleges with adequate facilities for research as mentioned below alone shall offer Ph. D. programme:

In case of science and technology disciplines, exclusive research laboratories with sophisticated equipment as specified by the university with provision for adequate space per research scholar along with computer facilities and essential software, and uninterrupted power and water supply.

In case of all other disciplines including S&T, earmarked library resources including latest books, Indian and International journals, e- journals, extended working hours for all disciplines, adequate space for research scholars in the Department/ library for reading, writing and storing study and research materials.

Colleges may also access the required facilities of the neighbouring Institutions/ Colleges, or of those Institutions/ Colleges/ R&D laboratories/ Organizations which have the required facilities.

32. Ph.D. through Distance Mode/Part-time Mode: The University shall not conduct Ph.D. programmes through distance and/or online mode. However, Ph.D. programmes through part-time mode will be permitted, provided all the conditions stipulated in this Ordinance are fulfilled. For part-time mode the University shall obtain a "No Objection Certificate" through the candidate from the appropriate authority in the organization where the candidate is employed, clearly stating that:

i. The candidate is permitted to pursue studies on a part-time basis.

ii. His/her official duties permit him/her to devote sufficient time for research.

iii. If required, he/she will be relieved from the duty to complete the course work.

33. Award of Ph.D. degree prior to Notification of this Ordinance, or degrees awarded

Award of degrees to candidates pursuing Ph.D. and registered prior to the notification of this Ordinance shall be governed by either this Ordinance or the Ordinance applicable at the time of their Ph.D. registration. Nothing in this Ordinance shall impact the M.Phil. degree programmes commencing prior to the enactment of the Ordinance.

If the Ph.D. degree is awarded by a Foreign University, the university considering such a degree shall refer the issue to a Standing Committee constituted by the university for the purpose of determining the equivalence of the degree awarded by the foreign University.

34. Depository with INFLIBNET:

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

35. Issuing a Provisional certificate.

Prior to the actual award of the Ph.D. degree, the degree- awarding University shall issue a provisional certificate to the effect that the Ph.D. is being awarded in accordance with the provisions of the UGC Regulations, 2022.

36. If UGC notifies any change in future in its Regulations governing "Minimum Standards and Procedure for Awards of Ph.D. Degrees", then the same will be incorporated in the existing Ordinance with the approval of the Executive Council of the University from the date of publication in Gazette by UGC.

37. The fee structure and remunerations related with Ph.D. programme shall be decided by the Executive Council of the University from time to time.

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पीएच.डी. पाठ्यकम में पंजीयन प्रवेश हेतु आवेदन पत्र

स्वयं सत्यापित छाया चित्र

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भाग एक-शाधाका का 1वव	601
 आवेदक का पूरा नाम हिन्दी में (अंग्रेजी के बड़े अक्षरों में) 	
2. आवेदक का स्थाई पता	
3. पत्र व्यवहार हेतु पता	
 मोबाइल नं. / दूरभाष क्रमांक / ई—मेल आई.डी. 	
5. पिता का नाम / पति का नाम (विवाहित महिला होने की अवस्था में)	
6. माता का नाम	
7. नागरिकता	
8. लिंग	9. रक्त समूह
10. विश्वविद्यालय का नामांकन क्रमांक	
11. (क) यदि किसी स्थान / उपक्रम में कार्यरत हो तो उसका विवरण	
(ख) यदि (क) की जानकारी हाँ में हैं तो नियोक्ता का अनापति प्रमाण—पत्र संलग्न करें। 12. (क) क्या आवेदक म.प्र. की अनुसूचित जाति/ अनुसूचित जनजाति/अन्य पिछड़ा वर्ग	हाँ / नहीं
चिकनी परत को छोड़कर / निशक्तजन प्रवर्ग से हैं (ख) यदि हाँ तो किस प्रवर्ग का हैं। (प्रमाणपत्र की स्वयं सत्यापित प्रति संलग्न करें)	

13. आवेदक की शैक्षणिक योग्यताः

ीक्षा का नाम	शिक्षा बोर्ड / विश्वविद्यालय का नाम	वर्ष	ग्रेड/प्राप्तांक प्रतिशत	श्रेणी	विषय
री / हाई स्कूल					
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14.	शोधकार्य के लिए प्रस्तावित शीर्षक		
	(Topic of Proposed Research Work)		
	अगर शोधार्थी ने उक्त शीर्षक पर कुछ शोधकार्य किया हो	तो	
	उसका विवरण प्रकाशित शोधपत्रों की प्रतियों के साथ संल		

15. क्या आवेदक अन्य किसी उपाधि के लिये संस्थागत/ असंस्थागत रूप में इस विश्वविद्यालय अथवा अन्य विश्वविद्यालय द्वारा आयोजित किसी अन्य परीक्षा में सम्मिलित हो रहा है। यदि हाँ तो उसका पूर्ण विवरण

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भाग दो-शोध निर्देशक का प्रवाणिकरण

में आवेदक को उनके शोधकार्य में मार्गदर्शन प्रदान करने के लिए सहमत हूँ। मेरे निर्देशन/सहिंदेशन में निम्नलिखित शोधार्थी पंजीकृत है :

में निम्न	लिखित शोधार्थी पंजीकृत	황:						
शोधार्थी	का नाम	निर्देशन / सहनि	र्देशन		विश्वविद	द्यालय व	हा नाम	
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मैं प्रमा	णित करता हूँ कि मेरे हा	रा विगत पाँच व	र्षों में निम्नानु	,सार शोध	ा पत्र प्र	प्रकाशित	किये ग	ये हं : ————
丏.	प्रकाशित शोध पत्र व	न शीर्षक	जर्नल का	नाम	q	। त्यू म	एवं पृष्ड	संख्या
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			ोध निर्देशक	के दस्ता	ਸ਼ਵ			

गोध निर्देशक के हस्ताक्षर
शोध निर्देशक का नाम
पद नाम
पता
ई-मेल
मोबाइल / दूरभाष कमांक

भाग तीन-शोध सहनिर्देशक का प्रमाणिकरण

में निम्नलिखित शोधार्थी फं शोधार्थी का नाम	निर्देशन / सहनिर्देशन	लेए सहमत हूँ। मेरे निर्देशन/सहनिर्दे विश्वविद्यालय का नाम
1		नाम काराय का नाम
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है. पकाशित सरेत	द्वारा विगत पाँच वर्षों में निम्नानुसार इ	शोध पत्र प्रकाशित किये गये है :
 प्रकाशित शोध पत्र 	का शीर्षक जर्नल का नाम	
	जारी परा नास	वाल्यूम एवं पृष्ठ संख्या
	जा रहा पुत्र सुन्ध	वाल्यूम एवं पृष्ठ संख्या
	उत्तरित प्रानित	नाल्यूम एवं पृष्ठ संख्या
	जारा प्राची	नाल्यूम एवं पृष्ठ संख्या
		वाल्यूम एवं पृष्ठ संख्या
	. त्रिंग प्राप्त	
	शोध सहनिर्देशक के हस्ताक्षर	
	शोध सहनिर्देशक के हस्ताक्षर	वाल्यूम एवं पृष्ठ संख्या

मोबाइल / दूरभाष कमांक

भाग चार-शोध केन्द्र का प्रमाण-पत्र

में यह प्रमाणित करता हूँ कि उपरोक्त शोधार्थी के शोधकार्य से संबंधित पूर्ण सुविधा इस संख्या में सपलब्ध हैं और उन्हें शोधकार्य करने हेतु सुविधायें उपलब्ध कराई जावेगी। यह संस्था शोधकार्य के लिए विश्वविद्यालय से मान्य है। अनुशंसा सहित आवेदन पत्र अग्रेषित किया जाता है।

प्रमाणित किया जाता है कि उपरोक्त शोधार्थी ने संस्था में निम्नलिखित शुल्क जमा करा दिया है:

- शोध केन्द्र शुल्क (विभागीय कम्प्यूटर प्रयोगशाला एवं पुस्तकालय शुल्क सहित)
- 2. शोध प्रयोगशाला शुल्क (यदि उपयोग किया जा रहा हो तो)
- शोध केन्द्र सुरक्षा निधि
- पहचान पत्र शुल्क
- छात्र/छात्रा सेवा शुल्क

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जिसकी प्राप्ति रसीद क्रमांक	है एवं रसीद की प्रति आवेदन के साथ
दिनांक	(शोध केन्द्र प्रमुख के हस्ताक्षर) नाम एवं मुद्रा सहित
भाग पाँच-विश्वविद्यालय केन्द्रीय पुस्त	कालय का प्रमाण पत्र
भाग पाँच-विश्वविद्यालय प्रजान दु प्रमाणित किया जाता है कि शोधार्थी श्री/श्रीमती/कुमारी निम्नानुसार शुल्क रसीद कमांक	द्वारा जमा कर दिया है।
 पुस्तकालय शुक्क पुस्तकालय सुरक्षानिधि 	
दिनांक	(पुस्तकालयाध्यक्ष) विश्वविद्यालय केन्द्रीय पुस्तकालय
र साम भिन्न	संलख्न प्रमाण

भाग छ:-शोधार्थी द्वारा संलग्न प्रमाण

- निर्धारित प्रपत्र में पूर्ण आवेदन-पत्र।
- 2. शोध केन्द्र में जमा शुल्क की रसीद की फोटोप्रति।
- 3. विश्वविद्यालय केन्द्रीय पुस्तकालय शुल्क की जमा रसीद की प्रति।
- 4. यदि शोधार्थी किसी संस्था / उपक्रम में कार्यरत हैं तो अनापति प्रमाण-पत्र।
- यदि शोधार्थी अनुसूचित जाति/अनुसूचित जनजाति/अन्य पिछड़ा वर्ग चिकनी परत को छोड़कर मार्कशीट / ग्रेडशीट की स्वयं सत्यापित प्रतियाँ। निशक्तजन प्रवर्ग से हैं, तो सक्षम अधिकारी के प्रमाण पत्र की ख्वयं सत्यापित प्रति।
- 7. गेप सटीफिकेट।
- 8. पात्रता प्रमाण-पत्र म.प्र. से बाहर के छात्रों के लिए।
- प्रवजन प्रमाण-पत्र अन्य विश्वविद्यालय के लिए।

भाग सात-शोधार्थी द्वारा संलग्न प्रमाण

में एतद् द्वारा घोषणा करता हूँ / करती हूँ कि मैंने अध्यादेश 11 का अध्ययन कर लिया हैं एवं मेरी जानकारी के अनुसार इस आवदेन पत्र की प्रविविष्टयाँ एवं दी गई जानकारी सच्ची एवं पूर्ण हैं। यदि पीएच.डी. डिंग्री प्राप्त होने के पूर्व अथवा पश्चात् कोई जानकारी झूठी या असत्य पाई जाये तो विश्वविद्यालय द्वारा मेरे विरुद्ध कार्यवाही की जा सकेगी, जो मुझे मान्य होगी।

भारत होता।	
	आवेदक के हस्ताक्षर
	आवेदक का नाम
	पिता / पति का नाम
	पूरा पता
2	[—मेल
Ŧ	बिंग्हल / दूरभाष कमांक
पीएच.डी. आवेदन ए	
शोधार्थी श्री/श्रीमती/कमारी	
प्राप्त हुआ है। आवेदन पत्र में प्रस्तावित : 1. शोध निर्देशक मान्यता प्राप्त हैं। (हाँ / नहीं)	का संलग्नानुसार आवेदन
2. शाध सह-निदेशक मानाना गान 🛎 🛵 🚗 🗥	
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Course Title			Point	Points (Credits x Grade Point)
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Research Methodology	3			
Review of Published Research	3			
Computer Applications	3			
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* Grade in Repeat Examination.

This is certified that Mr./Ms./Mrs. has successfully completed the Ph.D. Course Work as per UGC Regulations, 2016/2022 and the Ph.D. Ordinance of the University.

Date of Result:

		CE-eminations
	Head/ Director	Controller of Examinations
Co-ordinator	Head/ Director	
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PROFORMA FOR SYNOPSIS OF PROPOSED RESEARCH (Para 14)

The cover page should contain information of proposed research topic, name of the research scholar, name and affiliation of the supervisor and / or co-supervisor, and research centre.

The synopsis should contain following information:

- 1. Title of the Proposed Research
- 2. Introduction giving purpose of research (in about 200 words)
- 3. Literature Review
- 4. Objectives/hypothesis
- 5. Methodology
- 6. Expected outcome
- 7. Bibliography (in standard format)
- 8. List of publications of the candidate

Signature of the Candidate

Signature of the Supervisor Name of the Supervisor: Date:

Signature of the Co-Supervisor Name of the Co-Supervisor; Date:

Forwarded by Head/ Principal, Research Centre (with seal)

Date:

HEALT CEE John

CONFIDENTIAL (Para 16)

PROFORMA FOR PROGRESS REPORT

2000	report of the research work done during the period from
Six monthly progress to _	. Teport of
1. Name of the Rese	earch Scholar:
2. Subject:	
	for Ph.D. degree:
	upervisor:
5. Name of the C	o-Supervisor:
Description of the guid	dance on the topic:
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Period with dates dur may also indicate the	ring which the research scholar has been with the Supervisor for research work (it e date(s) of leave availed by the research scholar during the above period):
Remarks of the Sup	pervisor on the work done by the research scholar:
Fees paid vide Rec	ceipt Nodate

DECLARATION BY THE RESEARCH SCHOLAR (Para 20a)

I declare that	(Fara 20a)
1. the research work presented in the thesis entitled	
is my own work except as acknowledged in the text and	footnotes.
to no pragransin in the research work reported in the	ne thesis.
I completed the research work under the supervision of E (Supervisor) and Dr.	Or.
(Supervisor) and Dr approved by the University.	(Co-Supervisor) at the (name of
 to the best of my knowledge this thesis has not been subrany other degree/ diploma at this University or at any other 	nitted either in whole or in part, for award of
 I have put in more than 200 days of attendance afte Supervisor or at the centre (Applicable to Full Time Research 	r completing Ph.D. course work with the arch Scholars only).
Besides this-	
(i) I have successfully completed the Ph.D. Course work as pe	er norms of UGC-Regulations, 2022
(ii) I have also given a pre-Ph.D. presentation and successfully basis of feedback and comments received.	incorporated the changes suggested on the
(iii) I have published(number) research paper(s) (number) research papers in conferences / semina have also produced evidence of the same in the form of repr	in referred journal(a)
Date:	
	Signature of the Research Scholar
Forwarded by	
Signature of the Supervisor	Signature of the Co-Supervisor

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CERTIFICATE OF THE SUPERVISOR (Para 20b)

CERTIFICATE

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This is to certify that the work entitled work done by Shri/Smt./Ku award of degree of Doctor of Philosophy of	Name of the University,
India.	
To the best of my knowledge and belief the thesis: 1. embodies the research work done by the candidate hims 2. has duly been completed. 3. fulfills the requirements of the Ordinance relating to th 4. is upto the standard both in respect of contents and lan	e Ph.D. degree of the University, and
Signature of the Supervisor	Signature of the Co-Supervisor
Forwarded by Head /Principal of the Research Centre (with seal and date)	