

TEERTHANKER MAHAVEER UNIVERSITY
Moradabad

Ordinance for Degree of Doctor of Philosophy (Ph.D.)

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

PREAMBLE

Teerthanker Mahaveer University, Moradabad offers broad-based research program leading to the award of Ph.D. degree. The research work may be characterized either by discovery of new facts or enunciation of a new theory or theories or by fresh interpretation of known facts or development of equipment making a distinct advancement in instrument technology. Promotion to productivity and creativity is the basic tenet underlying the research program. It should bear evidence of the capacity of the research scholar for critical examination, analysis and sound judgment as well as his ability to carry out independent investigation, design or development. The award of Ph.D. degree is in recognition of high academic achievements and application of knowledge to the solution of real life problems in every sphere. The University encourages research in interdisciplinary areas and provides excellent opportunities for research work in the modern era of 21st century.

APPLICABILITY: This Ordinance shall apply to the program leading to the degree of Doctor of Philosophy (Ph.D.)

1. DEFINITIONS

- 1.1. “Approved College”** shall mean a college of higher learning established by the University.
- 1.2. “College/Institute”** shall mean an academic institution maintained or admitted by the University to its privileges and includes a College/Institute/Centre/ Department.
- 1.3. “Candidate/Applicant”** shall mean a person who has applied for the Ph.D. program but is not yet registered for the same.
- 1.4. “Supervisor”** shall mean a member of the academic staff of the University approved by the BOS on the recommendation of the CRC to guide/supervise the research work of the research scholar.
- 1.5. “Co- Supervisor”** shall mean a member of the academic staff of this or another university/ college/ research institution, other than the Supervisor, as approved by the BOS on the recommendation of the CRC to guide/supervise the research work of the research scholar.
- 1.6. “Caretaker Supervisor”** shall mean a member of the academic staff of the University appointed to act as the supervisor of the research scholar in the absence of the original Supervisor before and/or after submission of the thesis.
- 1.7. “CRC”** shall mean a College Research Committee consisting of Director/Principal/Head of the concerned College, all Professors of the concerned College, two Associate Professors and one Assistant Professor/s having Ph.D.

degree, by rotation in order of seniority (for two years), the proposed supervisor(s) or the approved supervisor(s) and nominee of the URCC. The CRC shall also include one Professor, having Ph.D., from the other concerned department in case of inter-disciplinary topic of the research of the candidate. Quorum of the CRC will be deemed complete only when two members of the URCC are present of which one should be the Chairperson / Member Secretary of the URCC.

- 1.8. **“BOS”** shall mean the Board of Studies of the College/ Department concerned.
- 1.9. **“URCC”** shall mean a University Research and Consultancy Centre which will be the nodal office controlling the Ph.D. program in the University.
- 1.10. **“RAC”** shall mean the Research Advisory Committee, which will consist of the Research Supervisor(s), the Principal of the college, Head of the concerned department, if applicable, and the senior most faculty of the college preferably from the related area/ discipline.
- 1.11. **“Research Scholar”** shall mean a person registered for the Ph.D. program and devoting adequate time for completing the requirements of this degree.
- 1.12. **“Sponsored Research Scholar”** shall mean a research scholar sponsored by an employing organization.
- 1.13. **“Minimum Submission Period”** shall mean the minimum period for which a research scholar must be registered, prior to the date of submission of the thesis. The date of registration will be the date on which the first installment of fee is deposited.
- 1.14. **“Registration Period”** shall mean the length of period commencing with the date of registration and ending on the date of award of the Ph.D. degree, counting out any gaps as per Clause 11 of the Ordinance.
- 1.15. **“COE”** shall mean Controller of Examinations of the University.
- 1.16. **“ODC”** shall mean the Oral Defense Committee, and shall consist of the Director/Principal/Head of the concerned College, the supervisor(s), and at least one of the two external examiners.
- 1.17. **“RDC”** shall mean Research Degree Committee, and shall consist of the Vice-Chancellor, Director/Principal of the concerned college, Controller of Examinations, and two Professors of the University other than the Supervisor(s) of the candidate to be nominated by the Vice-Chancellor. The Vice Chancellor shall be the Chairman of the Committee.
- 1.18. **“Degree”** shall mean the degree of Doctor of Philosophy (Ph.D.) of the University.
- 1.19. **“University”** shall mean Teerthanker Mahaveer University, Moradabad.
- 1.20. **“SOP”** shall mean the Standard Operating Procedure governing the Ph.D. program of the University. **(Annexure – K)**

Note: In this Ordinance where ever ‘he’ and ‘his’ occurs, these shall mean to imply ‘he/she’ and ‘his/her’ respectively.

2. The University shall provide facilities for studies and research leading to award of the degree of Doctor of Philosophy. The program shall be conducted at and through the Colleges of the University, subject to the guidelines laid down by the Academic Council and control exercised by the University Research and Consultancy Centre (URCC) and concerned College Research Committee (CRC).

3. A Research Scholar shall be required to pursue the research work or any prescribed course work at the colleges of the University/approved institution and/or industry under the guidance of approved supervisor(s). The BOS may permit a research scholar to carry out research work outside the University at a Research Centre approved by the University (**Annexure – A**). Further, the BOS may also permit the research scholar to work at his place of employment provided adequate facilities for research on the proposed topic of research are available there to the entire satisfaction of the BOS.

4. ADMISSION ELIGIBILITY

A candidate possessing any one of the following qualifications shall be eligible to apply for admission to a Ph.D. program of the University.

Eligibility Criteria

- 4.1. Candidates for admission to Ph.D. programme shall have a Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55 per cent marks in aggregate or its equivalent grade 'B' in the UGC 7- point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, or Colleges.
- 4.2. A relaxation of 5% marks, (from 55% to 50%), or an equivalent relaxation of grade, shall be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Jain Minority Community/Differently-abled and other categories of candidates as per the decision of the UGC from time to time, or for those who had obtained their Master's degree prior to 19th September, 1991.

Note: *The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.*

5. APPLYING FOR REGISTRATION

Registration Process

The candidate shall apply for admission in the prescribed form available on the website of the University (www.tmu.ac.in), or the office of the University Research Cell (**Annexure – B**).

Applicants who are in employment of any organization either in India or abroad will be eligible for registration as Research Scholar provided:

- 5.1. they fulfill qualifications laid down in Clause 4 above;
- 5.2. the applicant who is pursuing employment, must produce a No Objection Certificate (NOC) from his/her employer;
- 5.3. the applicant proves to the satisfaction of the CRC and BOS that his employment duties will permit him to devote sufficient time for research work and prescribed course;

5.4. the application for admission is endorsed by the Head of applicant's employing organization;

6. ADMISSION TEST AND RESEARCH PLAN

The University shall admit the candidates by a two stage process through:

TRAT
6.1. Each candidate shall be required to take a Teerthanker Mahaveer University Research Aptitude Test (TRAT). The syllabus of TRAT shall consist of 50% questions on Research Methodology and 50% questions shall be subject specific. The Entrance Test (TRAT) will be conducted at the Centre(s) notified in advance (change of Centre, if any, shall be notified well in advance) twice a year (2nd Saturday of January and July). In case of holiday, the next working day will be the date of the admission test.

Note: Presently TRAT is held only at the University campus, Moradabad.

Minimum Pass
Percent required

The TRAT intends to test the basic capability of the candidate to undertake research work. A minimum score of 50 percent shall be required to clear the test under each category i.e. Research Methodology and subject specific and be eligible to present the research plan to the CRC.

Note: Candidates who have qualified UGC-NET (including JRF)/UGC-CSIR NET (including JRF)/SLET/Teacher fellowship holder or have passed M.Phil programme are exempted from the University TRAT.

6.2. On clearance of the entrance test (TRAT), the applicant needs to send six copies of statement of research purpose/ synopsis, within three months of declaration of TRAT result, to CRC mentioning the topic of his proposed research and objectives of the work that the candidate intends doing on the subject or topic (Indicative format for the same is as **Annexure – C**).

6.3. Candidate shall be required to discuss his/her research plan before the College Research Committee, justifying his/her suitability to pursue research which will consider the following aspects, viz:
(a) the candidate possesses the competence for the proposed research;
(b) the research work can be suitably undertaken at the College;
(c) the proposed area of research can contribute to new/ additional knowledge.

CRC will also convey its views on the additional course paper, including the subject, if needed, that the candidate may have to undertake in addition to the three mandatory papers during course work.

6.4. On basis of the contents of the Research Plan and the presentation, the CRC shall either recommend the case for consideration of the concerned BOS, or, may ask the candidate to make a fresh presentation of the Research Plan. The CRC shall give its recommendations on the prescribed format. (**Annexure – D**).

6.5. A candidate will ordinarily be allowed two attempts for presentation before the CRC. In case the Research Plan of a candidate is not approved, a third attempt may be allowed only with the approval of the Vice-Chancellor on the specific recommendation of the CRC, justifying the reasons for an extra attempt. Under no

Research Plan
Presentation and
Interview

circumstances the duration of approval of research plan would exceed eighteen months from the date of TRAT result.

- 6.6. While recommending the Research Plan, the CRC will also recommend the supervisor(s) of the thesis in line with the qualification under Clause 9.

7. REGISTRATION AS A RESEARCH SCHOLAR

- 7.1. After the acceptance of the Research Plan and the name of Supervisor(s) of a candidate by the CRC, the case shall be submitted to the BOS for its consideration and approval. The BOS would normally meet in the third week of January and July each year. If an approval is not accorded by the BOS, then such candidate may submit his/her case for fresh for approval through the CRC, taking into consideration the views of the BOS, and presenting a fresh/modified Research Plan.
- 7.2. On the approval of the CRC and BOS, the candidate will receive a letter of offer of admission from URCC against which s/he will be required to deposit the fees as prescribed by the University (**Annexure – E**). A candidate shall be formally registered as a Research Scholar with effect from the date on which s/he has deposited the required fee with the University. A formal letter of registration of the candidate would be issued by the URCC.
- 7.3. A candidate shall be required to renew his/her Registration every year in the manner prescribed by paying the fees as prescribed by the University from time to time.

8. COURSE WORK

Course Work
requirements

- 8.1. All research scholars admitted to the Ph.D. programme shall be required to complete the prescribed course work during the initial two semesters from the date of the registration. The credits assigned to the Ph.D. course work shall be a minimum of 12 credits and maximum of 16 credits. The research scholar shall be evaluated at the end of the course work. The research scholar has to pass the coursework with minimum 55% marks.
- 8.2. The course work shall be treated as a prerequisite for completion of Ph.D. programme. Registered students will be required to take a minimum of three courses and up to a maximum of four courses (of 4 credits each) as per the decision of the College Research Committee.

Courses

- 8.3. The following 12 credit courses are mandatory for a student to complete during two semesters starting from the date of registration:
- (a) One course on Research Methodology (4 Credits),
 - (b) One course on Quantitative Methods and Computer Applications (4 Credits),
 - (c) Review of literature in the area of research to be evaluated by the external examiner and CRC through a seminar/ presentation (4 Credits).
- Additional course where recommended by URCC under Clause 6.3:
- (d) Advance level course preparing the student for the field of research (4 credits).
- 8.4. The research scholar shall be required to carry out intensive research on the approved topic. At the end of the first semester from the date of registration, the scholar shall be required to submit a Term Paper and present the same to the CRC. At this stage the scholar will have an option to review the topic of research and if

recommended by the CRC/BOS, the same shall be considered final after seeking due approval. Further change in the topic would be allowed on the recommendation of CRC/BOS only in exceptional cases and with the approval of the Vice Chancellor.

9. ELIGIBILITY CRITERIA TO BE A RESEARCH SUPERVISOR/CO-SUPERVISOR

Eligibility to be appointed as a Supervisor/Co-Supervisor, for faculty, of all colleges, other than Medical and Dental College shall be:

Any regular Professor of the University with a Ph.D. degree in the respective discipline and 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 would be eligible to be considered as research supervisor/ co-supervisor.

Eligibility to be appointed as a Supervisor/Co-Supervisor in Medical College for candidates having M.Sc. Medical degree in Anatomy, Microbiology, Biochemistry Physiology and Pharmacology shall be:

- (a) A regular Professor of the Teerthanker Mahaveer Medical College & Research Centre who holds a Ph.D. degree in the respective discipline and at least five research publications in refereed journals shall be eligible to be appointed as a Supervisor / Co-Supervisor. Any regular Associate/ Assistant Professor of the University with a Ph.D. degree in the respective discipline and at least two research publications in refereed journals would be eligible to be considered as research supervisor/ co-supervisor.
- (b) A regular Professor of the Teerthanker Mahaveer Medical College & Research Centre having a recognized MD/MS or equivalent degree in the relevant subject with 15 years teaching experience after obtaining the postgraduate degree, out of which at least 10 years should be at the postgraduate level in a recognized medical college, and at least five research publications in refereed journals, shall be eligible to be appointed as a Supervisor / Co-Supervisor.

Eligibility to be appointed as a Supervisor/Co-Supervisor in Medical College and Dental College for candidates having M.D./M.S./MDS degree shall be:

Since Ph.D. is not a mandatory degree in the teaching in Medical and Dental Colleges, to promote excellence in Medical and Dental teaching, the University would also encourage a serving faculty of this University, interested in carrying out research work leading to Ph.D. degree, and permit him/her to carry out the research work.

- (a) A regular Professor of Teerthanker Mahaveer Medical College and Research Centre/ Dental College and Research Centre, as the case may be, having a recognized M.D./M.S./MDS or equivalent degree in the relevant subject with at least 15 years teaching experience after obtaining the postgraduate degree, out of which at least 10 years should be at the postgraduate level in a Medical College recognized by Medical Council of India or a Dental College recognized by Dental Council of India

shall be eligible to be appointed as a Supervisor / Co-Supervisor. S/he should have published at least 5 research papers in refereed journals.

Note:

- (i) Refereed journal would be journals as specified by UGC from time to time through notification. Currently refereed journals indexed in Scopus, Web of Science and Indian Citation Index and PubMed are acceptable.
- (ii) Only papers in above referred journal with faculty as the first or second author only would be considered as valid papers.
- (iii) Provided further, that in areas/ disciplines where there is no or only a limited number of refereed journals, the URCC may relax the above condition for recognition of a faculty member as Research Supervisor with reasons recorded in writing, duly routed through the BOS, and due approval of the Vice Chancellor. The Academic Council would be notified of the same from time to time.

- 9.1. Only a full time regular teacher of the University can act as a supervisor. External supervisor(s) are not allowed. However, a Co-supervisor can be allowed from other institutions with available Research facility with the recommendation of CRC and approval of the Vice Chancellor.
- 9.2. The allocation of Research Supervisor for a research scholar shall be decided by the CRC of the concerned College, depending upon the number of scholars per Research Supervisor, the available specialization among the Supervisors and research interests of the scholar as indicated by him/her at the time of presentation before the CRC.
- 9.3. In case of topics which are of inter- disciplinary nature, where the CRC of the concerned College feels that the expertise in the College has to be supplemented from outside, the concerned College shall appoint a Research Supervisor from the College itself, who shall be known as Research Supervisor, and a Co- Supervisor from outside the College or University on such terms and conditions as may be specified and agreed upon by the consenting Co-supervisor and his/her Institution/ College.
- 9.4. An approved Research Supervisor/ Co- Supervisor who is a Professor, at any given point of time, can guide not more than Eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can guide up to a maximum of six (6) Ph.D. scholars and an Assistant Professor as Research Supervisor can guide up to a maximum of four (4) Ph.D. scholars.
- 9.5. The BOS, on the recommendation of the CRC, shall consider the names of the Supervisor/Co-supervisor for approval.
- 9.6. A change of Supervisor/co-supervisor shall be permitted in case of inability or non-availability of the Supervisor. The BOS, on recommendation of the CRC, shall seek approval from the Vice Chancellor for appointment of a Caretaker Supervisor/ re-allotment of supervisor.
- 9.7. 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 institution/ supervisor from any funding agency. The scholar will however give due credit to the parent Research Supervisor/ Co-supervisor and the Teerthanker Mahaveer University for the part of research already done.

- 9.8.** In case of relocation of a Ph.D. woman scholar due to marriage or otherwise, from another University to Teerthanker Mahaveer University, the research data would be used to further proceed with the research work, if allowed to be transferred by the University where the scholar was originally registered and the guidelines of UGC were followed in letter and spirit. The scholar will give due credit to the parent Research Supervisor/ Co-supervisor and the parent University for the part of research already done. In case the transfer of research data is not allowed the scholar case will be reviewed by the CRC and BOS and approval to proceed further will be sought from the Vice Chancellor.

10. PERFORMANCE MONITORING

- 10.1.** There shall be a Research Advisory Committee for each Ph.D. scholar. The Research Supervisor of the scholar shall be the Convener of the Committee. This Committee shall have the following responsibilities:
- (a) To review the research proposal and finalize the topic of research;
 - (b) To guide the research scholar to develop the study design and methodology of research and identify the course (s) that he/she has to do;
 - (c) To periodically review and assist in the progress of the research work of the research scholar.
- 10.2.** The academic/research progress of each research scholar will be regularly monitored by the RAC. A research scholar shall appear before the CRC once in six months to make a presentation of the progress of his/ her work for evaluation and further guidance. The six monthly progress reports will be submitted by CRC to the URCC with a copy to the research scholar and RAC.

The Semester Progress Review Meeting shall be held as specified in the Academic Calendar in the second week of January and July each year. A student cannot skip a presentation without prior permission, subject to a maximum of two presentations in the complete duration. The RAC must record the progress of the research in the Semester Progress Review form and submit it to CRC (**Annexure – F**).

- 10.3.** The CRC after having considered the progress report of each research scholar shall recommend any of the following:
- (i) Continuation of registration, or
 - (ii) Continuation of registration and issuance of a warning to the research scholar and making recommendation of steps necessary to improve his/her performance in consultation with the supervisor(s) or
 - (iii) Termination of registration.

If the research scholar is issued a warning letter, two times, the minimum registration period for allowing a candidate to submit the thesis shall be increased by one semester every time a warning has been issued.

Copy of the same would be sent to the scholar, supervisor and the URCC for records in the scholar's file.

11. DURATION OF THE PROGRAMME

Ph.D. programme shall be of a minimum duration of three years, including coursework and a maximum of six years.

- 11.1. The minimum period of programme after which a research scholar can submit the thesis shall be three years from the date of registration.
- 11.2. A research scholar shall normally be allowed to submit his thesis within a maximum period of six (6) years. However, in exceptional cases, this limit may be extended by the Vice-Chancellor by a maximum period of one year, on specific request from the research scholar duly recommended by the CRC.
- 11.3. The Women candidates and Persons with Disability (more than 40% disability) shall be allowed a relaxation of two years for Ph.D. programme in the maximum duration of six (6) years. In addition, the women candidates shall be provided Maternity Leave/ Child Care Leave once in the entire duration of Ph.D. programme for up to 240 days.

12. EVALUATION AND ASSESSMENT METHODS, MINIMUM STANDARDS/ CREDITS FOR THE AWARD OF THE DEGREE PRE-THESIS SUBMISSION PRESENTATION

- 12.1. Upon satisfactory completion of course work, and obtaining the credits prescribed in Clause 8, as the case may be, the Ph.D. scholar shall be required to undertake research work and produce a draft thesis within stipulated time as per this ordinance.
- 12.2. A pre-thesis submission presentation by the research scholars before the CRC is an essential requirement. On completion of the research work, the research scholar shall submit eight copies of the summary of his research work including bibliography, two copies of the draft thesis, copy of the research publications related to the thesis and one CD containing draft thesis to the CRC through his/ her supervisor(s) and make a presentation at which faculty members and other research scholars/students may be present. CRC will invite all University Colleges/ Departments for the pre-thesis presentation.
- 12.3. The research scholar shall be required to submit his/ her thesis within three months from the date of pre-thesis submission presentation by the research scholars. However, in case a candidate fails to submit his/ her thesis within the stipulated time and has suitable justification for the same, the Director/Principal/Head of the College may, on recommendations of the CRC, grant an extension of not more than three months, i.e., the research scholar may be allowed to submit his/ her thesis within a period not exceeding six months from the date of pre-thesis submission presentation.
- 12.4. The research scholar will be required to submit his/her declaration and a certificate from his/ her supervisor(s) in the prescribed format countersigned by the Director/Principal/Head of the College vouching that the plagiarism is within the permitted limit and that the work embodied in the thesis titled “_____” is original and has been carried out by the research scholar and that it has not been submitted in full or in part for any other diploma or degree of this or any other University. A certificate indicating the similarity index

generated by the certified Anti- Plagiarism tool used by the University has to be included in the thesis duly countersigned by the Principal/ Director/ Head of the College (**Annexure – J**).

13. APPOINTMENT OF EXAMINERS

13.1.

Examiners

(a) A panel of ten experts of Professor level in the area of research work which may include experts from outside India would be suggested by the supervisor(s) and placed before the CRC for its recommendations. The CRC may delete/add any of the name(s) proposed by the supervisor(s).

Examiners outside
the state

(b) A person from the same Institution where the research scholar is employed cannot be appointed as an external examiner. Further, a person from a laboratory/institution/approved research centre to which the Co- supervisor of the research scholar belongs, cannot be appointed as an external examiner.

13.2. On receipt of the draft thesis, the Director/Principal/Head of the College/ Department shall send the panel of examiners as approved by the CRC to the Controller of Examination who shall get the Board of Examination approved from the Vice Chancellor. The Board shall consist of one internal examiner from amongst the supervisor(s), and two external examiners from India or abroad. However, out of the two external examiners selected, at least one shall be from outside the state of Uttar Pradesh. The examiners shall normally be chosen from the panel of examiners recommended by the CRC. In case one or more external examiners so appointed decline to examine the thesis, another external examiner shall be appointed out of the panel. In case the panel gets exhausted, the CRC shall recommend additional names.

14. THESIS SUBMISSION

14.1. The thesis shall be a piece of research work characterized either by discovery of new facts or enunciation of a new theory or theories or by fresh interpretation of known facts or development of equipment making a distinct advancement in instrument technology. It should bear evidence of the research scholar's capacity for analysis and sound judgment as well as his ability to carry out independent investigation, design or development. The thesis has to be supplemented by published work, mandatorily. No part of the thesis or supplementary published work shall have been submitted for the award of any other diploma or degree anywhere. The thesis must contain a Declaration by the research scholar, a Certificate signed by the supervisors and CRC chairperson and a Plagiarism Verification form (**Annexure H, I and J**)

14.2. The thesis shall be written in English, other than research work carried out in languages, in specified format in accordance with the instructions contained in **Annexure – G** of this Ordinance, until otherwise required by the specific discipline. In case the thesis to be submitted is written in language other than English, the same shall be approved by the Vice Chancellor on the recommendation of the CRC/BOS.

14.3. A research scholar may submit his/her thesis within the stipulated time period, provided s/he has:

- (a) Completed the minimum period of registration as provided in Clause 11 of this Ordinance.
- (b) Published minimum of two research papers in refereed journals of which at least one should be published in databases such as Scopus, Web of Science, PubMed and Indian Citation Index or as notified by UGC from time to time. However, if the research paper(s) has been accepted for publication, the same shall be treated as under publication and the CRC can recommend the submission of the thesis. The candidate is also required to make two paper presentations in conferences/ seminars, of which one should be conference/ seminar other than in house, before the submission of thesis for adjudication, and produce evidence for the same in the form of presentation certificates and/ or reprints.

14.4. Five hard copies of the thesis in soft binding along with two copies of CD shall be submitted in the College/Department, where the Research Scholar has been registered. The same shall be forwarded to the COE for evaluation. In case a research scholar is being supervised by more than one supervisor, appropriate number of additional copies must be prepared to provide them one copy each.

15. EVALUATION

15.1. Evaluation of Thesis

- (a) Thesis shall be sent for evaluation only after the plagiarism verification report is found to be within the acceptable norms of the University.
- (b) Each examiner will be requested to submit a detailed assessment report and his/her recommendations on a prescribed performa to the COE within three months from the date of receiving the thesis.
- (c) In case the assessment report is not received from an external examiner within four months, the Vice-Chancellor may appoint another external examiner from the panel of examiners for evaluating the thesis.
- (d) Each examiner shall be required to state categorically whether in his/her individual opinion, the thesis should be:
 - i) accepted for the award of Ph.D. degree, or
 - ii) referred to the research scholar for submission in the revised form, or
 - iii) rejected.

The examiner shall state the reasons for recommending/ resubmission/ rejection of the thesis. If resubmission is recommended, the examiner(s) shall specifically indicate the modifications that need to be incorporated in the thesis by the research scholar.

- (e) On receipt of reports from all the examiners the COE shall place them before the members of RDC who will pursue the reports and recommend one of the following:
 - i) If the examiners are unanimous that the thesis be accepted for the award of the degree, the research scholar would be required to appear for oral defence.

- ii) If the examiners are unanimous that the thesis be submitted in a revised form then the research scholar would be informed to submit the revised thesis incorporating the suggestions/ views from the examiners.
- iii) If the examiners are unanimous that the thesis should be rejected then the research scholar will be informed accordingly and the research scholar shall be declared ineligible for the award of Ph.D. degree.
- iv) If there is no unanimity between examiners, an additional external expert shall be appointed as examiner to evaluate the thesis. If the report of the latest examiner is also 'rejected', the thesis shall be rejected and the research scholar shall be declared ineligible for the award of Ph.D. degree. Should there be comments for modification the research scholar will undertake the necessary modifications and re-submit the thesis.

In case of Clause 15.1 (d) (ii) above, the COE in consultation with Director/Principal/ Head of the College shall also provide to the research scholar a list of all corrections and modifications required in the thesis, including suggestions made by the external examiners during the thesis evaluation. The research scholar shall incorporate all suggestions and changes and submit the same to the CRC for review and approval for re-consideration of the thesis by the RDC.

15.2. Oral Defence

- (a) A research scholar, whose thesis is recommended for acceptance in accordance with the provision of Clause 15.1(d) (i) on the basis of thesis evaluation, shall be required to defend his work/thesis orally before a duly constituted committee, hereinafter referred to as Oral Defence Committee (ODC) during working hours of the University at the University premises. Any deviation from this procedure should have prior permission of the Vice-Chancellor.
- (b) ODC shall consist of the Director/Principal/Head of the concerned College, the supervisor(s), and at least one of the two external examiners, and shall be open to be attended by Members of the URCC, CRC, all faculty members of the College/ Department, other research scholars and other interested experts/ researchers from the University. The external examiner invited for oral defence examination shall submit his report in the prescribed Performa to the COE.
- (c) On the completion of all the stages of the examination, the COE shall put before the RDC, the report of the ODC to approve one of the following:
 - i) that the degree of Ph.D. be awarded, or
 - ii) that the research scholar be re-examined at a later specified time in a specified manner, or
 - iii) that the degree of Ph.D. not be awarded.

The research scholar shall incorporate all suggestions and changes as discussed in the ODC and submit the same to the CRC for review and approval for submission of the thesis after incorporating the suggestions/changes. The research scholar shall, thereafter, submit two hard-bound copies and two CDs

of the thesis incorporating all necessary corrections/modifications. The COE will ensure that the electronic copy of the Ph.D. thesis is submitted to INFLIBNET within seven days of receipt of the CDs from the research scholar. The RDC will meet not before fifteen days of submission of the electronic copy to INFLIBNET.

16. AWARD OF THE DEGREE

16.1. The Degree shall be awarded by the University provided that:

- (a)** The RDC so approves,
- (b)** The research scholar produces a “No Dues Certificate” in the prescribed form **(Annexure – L)**,
- (c)** The research scholar has submitted two hard bound copies of the thesis; one for the College Library and one for the Central Library and two soft copies in CD ROM in the structure prescribed by Shodhganga, INFLIBNET. These should incorporate all necessary corrections/modifications and have the consent of the CRC.
- (d)** The date of RDC approval shall be the date of completion of the degree.

Prior to the actual award of the degree, the University shall issue a Provisional Certificate to the effect that the Degree has been awarded in accordance with the provisions of the UGC Regulations, 2016.

16.2. Hard bound copies and CD ROM of the Ph.D. thesis, submitted after the oral defence examination, must contain the following copyright certificate in the beginning of the thesis, on a separate page on the left side:

**©Teerthanker Mahaveer University
Moradabad – Uttar Pradesh (India)
All rights reserved**

Award of degree to research scholars registered for Ph.D. programme prior to May 5, 2016 shall be governed by the earlier regulations/ ordinance.

17. CANCELLATION OF REGISTRATION

The registration of a research scholar shall be cancelled after due approval of the Vice Chancellor in case of the following:

- 17.1.** If being a full time research scholar, s/he absents herself/ himself for a continuous period of six weeks without prior intimation/sanction of leave.
- 17.2.** If s/he resigns from the Ph.D. program and the resignation is duly recommended by the CRC.
- 17.3.** If s/he fails to renew the registration as per the provisions contained in this Ordinance.
- 17.4.** If his/her academic progress is found unsatisfactory by CRC.
- 17.5.** If s/he is found to be involved in an act of misconduct and/or indiscipline and termination is recommended by the College Research Committee or any other authority so authorized by the Academic Council.

18. GENERAL

Notwithstanding anything contained in this Ordinance, all categories of research scholars shall be governed by the rules and procedures framed by the University and enforced from time to time.

19. INTERPRETATION AND UNFORESEEN ISSUES

Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of difference of interpretation, the Vice Chancellor may take a decision, after obtaining if necessary, the opinion/advice of a Committee consisting of any or all the Director/Principal/Head of the Colleges. The decision of the Vice Chancellor shall be final and binding.



List of Universities, Laboratories and Institutions Recognized under Clause 3 of the Ordinance for Doctor of Philosophy (Ph.D.)

1. All the Indian Universities which are members of the Inter-University Board of India.
2. All Indian Universities member of the Association of Indian Universities.
3. All Indian Institutes of Excellence viz. IIT/IIM/NIT/IIIT Institute of Technology, and Birla Institute of Technology & Science, Pilani.
4. All C.S.I.R. Laboratories in India.
5. All Laboratories Maintained and Run by the Department of Atomic Energy.
6. Indian Association for the Cultivation of Science, Kolkata
7. India Institute of Sciences, Bangalore.
8. Tata Institute of Fundamental Research, Mumbai
9. All Defence Science Organization laboratories in India
10. Indian Institute of Public Administration, New Delhi
11. Indian School of International Studies, New Delhi
12. School of African Studies, New Delhi
13. Vishvesharanand Vedic Research Institute, Hoshiarpur.
14. Institute of Ontology, Lucknow Road, New Delhi
15. Ahimsa Shodh Peeth, Lady Hardinge Road, New Delhi
16. All Research labs of the Geological Survey of India.
17. All Research Labs of the Oil & Natural Gas Commission.
18. All Research labs of the Indian Space Research Organization.
19. All Research Labs of the Electronics Commission and Department of Electronics, Govt. of India.
20. Hindustan Steel Ltd. Research Laboratories, Durgapur
21. Electronics Corporation of India Ltd. Hyderabad
22. All India Institute of Medical Sciences, New Delhi.
23. Pandit Bhagwat Dayal Sharma Post Graduate University of Health Sciences, Rohtak
24. Post- graduate Institute of Medical Education and Research, Chandigarh.
25. National Dairy Research Institute, Karnal.
26. India Agriculture Research Institute, Pusa, New Delhi
27. All Central & State Govt. Forensic Science laboratories.
28. The Technological Institute of Textiles and Sciences, Bhiwani
29. The National Council of Educational Research and Training, New Delhi.
30. The Central Institute of Indian Languages, Mysore.
31. The Indian Statistical Institute, Calcutta and other statistical Institutes in India.
32. The Institute of Economic Growth, Delhi University, Delhi
33. All Research Labs of the Indian Council of Medical Research, New Delhi
34. All Research Labs of the Zoological Survey of India.
35. National Institute of Family Planning, New Delhi.
36. All Research labs of National Institute of Marine Biology, Panaji, Goa
37. Delhi Zoological Park, New Delhi- 3
38. Forest Research Institute, Dehradun.
39. All Laboratories Maintained by the Department of Science & Technology, Govt. of India.
40. Bose Institute, Calcutta.

41. Raman Institute, Bangalore.
42. Bharat Heavy Electricals Ltd. Research and Development Laboratories, Haridwar
43. Ahmadabad Textile Industries Research Association, Ahmadabad.
44. Sri Ram Centre for Industrial Research, Delhi.
45. Bombay Textiles Institute Research Association, Bombay.
46. Southern Textiles industries Research Association, Bangalore.
47. Observations of Meteorological Department, Govt. of India.
48. Survey of India, Dehradun, Uttarakhand.
49. Central Institute of English and Foreign languages, Hyderabad.
50. Institute of Criminology and Forensic Science, Govt. of India, Ministry of Home Affairs, New Delhi.
51. The Central Soil Salinity Research Institute, Karnal.
52. The Wadia Institute of Himalayan Geology, Dehradun.
53. Physical Research Laboratory, Ahmadabad.
54. Sikkim State Archives, Gangtok (Centre of Post-Graduate Research in History & Allied Subjects)
55. National Institute of Educational Planning and Administration, Aurobinodo Marg, New Delhi.
56. Sarabhai Science Community Centre, Navarang Pura, Ahmadabad.
57. Model Institute of Education & Research, Jammu.
58. Indian law Institute, New Delhi.
59. All Laboratories Maintained and run by the Indian Council of Agricultural Research.
60. Nuclear Science Centre (NSC) at J.N. University Campus, New Delhi.
61. Inter-University Centre in Astrology & Astrophysics (I.U.C.A.A. at Poona University, Pune)
62. Indian National Scientific Documentation Centre, New Delhi.
63. Centre for Research in Rural & Industrial Development, Chandigarh.
64. Shri Kundkund Bharti Jain Research Institute, New Delhi.
65. Ranbaxy Laboratories Limited, Gurgaon- 122 601.
66. Lupin Research Park, Pune – 411 042 (MH).
67. National Archives of India, New Delhi & All State Archives.
68. Nehru Memorial Museum and Library, Teen Murti, New Delhi.
69. National Library, Calcutta.
70. Oriental Research Institute, Jodhpur.
71. Center for Advanced Study in History, Aligarh.
72. Jubilant Organosys Ltd. Noida (UP).

The above is an indicative list, other organizations can be considered subject to the approval of the Vice Chancellor on the recommendation of the CRC/ BOS.

Note: The Institution whether belonging to Central / State Government or has come to be promoted by a private registered society / trust should at least be in existence with an uninterrupted and continual functional status of 15 years or more and should have attained a position of national or international importance.



TEERTHANKER MAHAVEER UNIVERSITY
Delhi Road, Moradabad (U.P.) - 244001

APPLICATION FORM FOR TEERTHANKER MAHAVEER UNIVERSITY RESEARCH APTITUDE TEST (TRAT) FOR ADMISSION TO Ph.D. PROGRAM

Aadhar Card No.

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Please paste your recent coloured passport size photograph here

Area of research applied for:

1. Name of the candidate (in full & block letters)
2. Date of Birth 3. Gender (M/F).....
(attach copy of 10th Standard Certificate)
4. Father's Name
5. Mother's Name
6. Category (General/OBC/ST/SC/Others).....
7. Residence Status (Village/Town/City)..... 8. Blood Group.....
9. Parents Occupation Father..... Mother.....
10. Parents Education Father.....Mother.....
11. Annual Income (Rs.)
12. State of Domicile 13. Mother Tongue.....
14. Religion 15. Nationality
16. Correspondence Address:.....
City/Village.....Post..... Police Station.....
District.....State.....Pin Code.....

17. Contacts Details:

STD Code.....Tel. No.....Cell No.....Email ID:.....

18. Details of the Academic Qualifications & Experience, if applicable, on the basis of which admission is being sought

(a) Academic Qualifications (Attach Documentary Evidence/s)

| Sr. No. | Examination Passed | College/ University Attended | Year of Passing | Division | Percentage of Marks Secured/ CGPA | Major Subject/ Specialization | Remarks |
|----------------|---------------------------|-------------------------------------|------------------------|-----------------|--|--------------------------------------|----------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |

(b) Details of the Experience (Attach Documentary Evidence/s)

(i) _____

(ii) _____

(iii) _____

(Attach extra sheet/s if required)

Declaration: I do hereby declare that all the information furnished above is true to the best of my knowledge and belief. If any information is found to be incorrect, the University will have the right to cancel my application/ candidature.

Place : _____

(Signature of the Candidate)

Date : _____

TEERTHANKER MAHAVEER UNIVERSITY
Ph.D. Program

Format of Ph.D. Synopsis
(Six Copies to be submitted)

Session:

Topic:

1. Introduction
2. Problem Statement
3. Objectives of the Study
4. Hypotheses Formulation
5. Literature Review
6. Research Methodology
7. Expected Contributions of the Study

References

Note: The above format is suggestive in nature. The synopsis should normally be 15-20 pages covering all aspects of the proposed research work.

RECOMMENDATIONS OF THE CRC

- 1 (a) Recommended/Not Recommended for :
Registration for the Ph.D. Program

*(Mention the relevant decision
alongwith the date of the CRC meeting)*

- (b) Name/s of Supervisor :
- Co-supervisor (if any) :
- (c) Date by which the Revised Research :
Plan/Synopsis is be submitted :
- 2 Course work recommended if any :
- 3 Recommended/Not recommended for :
consideration by the BOS :
- 4 Any other recommendation of the CRC :

Signature of the Chairman of the CRC**RECOMMENDATIONS OF BOS**

- 1 (a) The registration of Mr./Ms. _____ for the Ph.D.
program is approved by the BOS of _____ college in
its meeting held on _____.
- (b) This Registration is subject to the :
fulfillment of
- (Mentioned conditions/requirements, if :
any)
- (c) The Registration is not approved/may :
resubmit the case through the CRC after
necessary modifications in the research
plan/synopsis.

Signature of the Chairman of the BOS**NOTING BY THE UNIVERSITY RESEARCH CELL**

FEE STRUCTURE

(All programs except under Faculty of Medical & Dental Sciences)

The fee payable by the candidate/research scholar enrolled for the Ph.D. program shall be as under:

| Sl. No. | Description | Schedule of Payment | Amount (Rs.) |
|---------|------------------------------------|--|--------------|
| 1 | Application-cum-Processing Fee | With application form | 2,000.00 |
| 2 | Registration Fee | At the time of registration | 50,000.00 |
| 3 | 1 st Installment of Fee | 15 days before the expiry of first year of registration | 40,000.00 |
| 4 | 2 nd Installment of Fee | 15 days before the expiry of second year of registration | 40,000.00 |
| 5 | 3 rd Installment of Fee | 15 days before the expiry of third year of registration | 40,000.00 |
| 6 | 4 th Installment of Fee | At the time of thesis submission | 30,000.00 |

***An extension fee of Rs. 15,000 per year will be charged after the completion of third year of registration.**

Late Fee of Rs. 2,000/- will be charged if the candidate exceeds the deadline by 15 days and Rs. 1,000/- per 15 days or part thereof for any further delay.

****The above extension fee will not be applicable to women who fall under the purview of Clause 11.3 of the Ph.D. Ordinance of the University.**

FEE STRUCTURE

(Faculty of Medical Sciences)

The fee payable by the candidate/research scholar enrolled for the Ph.D. program shall be as under:

| Sl. No. | Description | Schedule of Payment | Amount (Rs.) |
|---------|--------------------------------|--|--------------|
| 1 | Application-cum-Processing Fee | With application form | 2,000.00 |
| 2 | Registration Fee | At the time of registration | 2,00,000.00 |
| 3 | Ist Installment of Fee | 15 days before the expiry of first year of registration | 1,00,000.00 |
| 4 | IInd Installment of Fee | 15 days before the expiry of second year of registration | 1,00,000.00 |
| 5 | IIIrd Installment of Fee | 15 days before the expiry of third year of registration | 1,00,000.00 |
| 6 | IVth Installment of Fee | At the time of thesis submission | 1,00,000.00 |

***An extension fee of Rs. 2,00,000 per year will be charged after the completion of third year of registration.**

Late Fee of Rs. 2,000/- will be charged if the candidate exceeds the deadline by 15 days and Rs. 1,000/- per 15 days or part thereof for any further delay.

****The above extension fee will not be applicable to women who fall under the purview of Clause 11.3 of the Ph.D. Ordinance of the University.**

FEE STRUCTURE

(Faculty of Dental Sciences)

The fee payable by the candidate/research scholar enrolled for the Ph.D. program shall be as under:

| Sl. No. | Description | Schedule of payment | Amount (Rs.) |
|---------|--------------------------------|--|--------------|
| 1 | Application-cum-Processing Fee | With application form | 2,000.00 |
| 2 | Registration Fee | At the time of registration | 1,00,000.00 |
| 3 | Ist Installment of Fee | 15 days before the expiry of first year of registration | 70,000.00 |
| 4 | IInd Installment of Fee | 15 days before the expiry of second year of registration | 70,000.00 |
| 5 | IIIrd Installment of Fee | 15 days before the expiry of third year of registration | 70,000.00 |
| 6 | IVth Installment of Fee | At the time of thesis submission | 90,000.00 |

***An extension fee of Rs. 50,000 per year will be charged after the completion of third year of registration.**

Late Fee of Rs. 2,000/- will be charged if the candidate exceeds the deadline by 15 days and Rs. 1,000/- per 15 days or part thereof for any further delay.

****The above extension fee will not be applicable to women who fall under the purview of Clause 11.3 of the Ph.D. Ordinance of the University.**



TEERTHANKER MAHAVEER UNIVERSITY
Delhi Road, Moradabad (U.P.) - 244001

SEMESTER PROGRESS REPORT OF RESEARCH WORK

PART – I

(To be completed by the Research Scholar)

ADMINISTRATIVE INFORMATION:

Assessment No : _____

Assessment Period : January – June / July – December 20____

Name of Research Scholar : _____

Name of Supervisor : _____

Name of Co-Supervisor (if any) : _____

Topic of Research : _____

Date of Registration : _____

Registration No./Enrolment No. : _____

Name of College/Department : _____

ACADEMIC INFORMATION*:

1. How often and by what means do you contact your supervisory team:

| Interaction | Daily | Weekly | Fortnightly | Monthly | More than a Month |
|-----------------------|-------|--------|-------------|---------|-------------------|
| By Phone Call | | | | | |
| By Personal Meeting | | | | | |
| By Email/Post/Courier | | | | | |

2. How often do you visit library for your research work:

| Name of Library | Daily | Weekly | Fortnightly | Monthly | More than a Month |
|-----------------|-------|--------|-------------|---------|-------------------|
| | | | | | |
| | | | | | |
| | | | | | |

3. Details of workshop(s) attended:

| Workshop Title | National / International | Date(s) | Venue | Organized by | Remarks |
|----------------|--------------------------|---------|-------|--------------|---------|
| | | | | | |
| | | | | | |

4. Details of conference/seminar(s) attended:

| Conference/ Seminar Title | National / International | Date(s) | Venue | Organized by | Remarks |
|---------------------------|--------------------------|---------|-------|--------------|---------|
| | | | | | |
| | | | | | |

5. Details of paper(s) presented in conference/seminar(s):

| Conference/ Seminar Title | National / International | Paper Title | Author(s) | Date(s) | Venue | Organized by |
|---------------------------|--------------------------|-------------|-----------|---------|-------|--------------|
| | | | | | | |
| | | | | | | |

6. Details of abstract published in souvenir(s):

| Conference/ Seminar Title | Date(s) | Title of Paper | Author(s) | ISBN No. | ISSN No. | Year | Page No. | Published by |
|---------------------------|---------|----------------|-----------|----------|----------|------|----------|--------------|
| | | | | | | | | |
| | | | | | | | | |

7. Details of book(s) edited/authored:

| Title of Book | Author(s) | Vol. No. | ISBN No. | ISSN No. | Year | No. of Pages | Published by |
|---------------|-----------|----------|----------|----------|------|--------------|--------------|
| | | | | | | | |
| | | | | | | | |

8. Details of guest lecture(s) attended/delivered:

| Lecture Title | Date(s) | Venue | Organizer | Remarks |
|---------------|---------|-------|-----------|---------|
| | | | | |
| | | | | |

9. Details of paper(s) published in journal (national/international):

| Title of Paper | Author(s) | Name of Journal | Vol. No. | ISBN No. | ISSN No. | Year | Page No. | Published by | Impact factor |
|----------------|-----------|-----------------|----------|----------|----------|------|----------|--------------|---------------|
| | | | | | | | | | |
| | | | | | | | | | |

10. Have you submitted your research work to your Supervisor/Co-supervisor?

Yes No

11. Did you receive written feedback? Yes No

12. What sections of the thesis have been written? *(in draft or final form)*

13. Briefly describe specific research goals for the next six months and how they will be accomplished:

14. Please attach a Completion Plan for the remainder of your candidature *(including research methodology, research instrument, data collection and analysis, hypothesis, statistical tests etc.)*.

15. Other details:

Candidate signature with date: _____

* Provide additional Sheets (If required)

PART – II
(To be completed by the Supervisor/Co-supervisor)

1. How often and by what means is contact with the candidate maintained (e.g. e-mail, face-to-face)?

2. Does the research scholar have sufficient contact with you?

Yes No

If no, please comment:

3. Please rate the research scholar's progress:

Excellent
Satisfactory
Marginal (Please justify)
Unsatisfactory (Please justify)

4. If you rate the research scholar's progress as unsatisfactory, have you informed the student:

Yes No

5. Is the research scholar's written report both sufficient and accurate?

Yes No

6. Do you recommend that the research scholar undertakes any other training or development activities, e.g. particular units, workshops or courses, or general development in any area? (please give details)

Yes No

7. Is there sufficient detail in the proposed plan of activity for the next 6 months, and is the plan appropriate?

Yes No

Any other information: _____

Supervisor signature with date: _____

Co - Supervisor signature with date: _____

PART – III

(Views of the members in the CRC meeting- to be completed by the CRC and also recorded in the minutes of the meeting of the CRC duly signed by all members present)

1. Overall quality of work of the research scholar:

- Very good
- Good
- Satisfactory
- Irregular but satisfactory
- Below acceptable standard

2. Overall rate of progress of the research scholar:

- Very good
- Good
- Satisfactory
- Irregular but satisfactory
- Below acceptable standard

3. We recommend that the candidate's enrolment be:

- Continued
- Continued subject to specified conditions as outlined below
- Terminated

Conditions of continued enrolment:

4. We have discussed our comments with the candidate:

- Yes
- No

If No, please comment:

Recommendation of the CRC as recorded in the minutes of meeting:

Signature of the Chairperson CRC_____

Signature of the Chairperson URCC_____

(Refer Clause 14)
Instructions for preparation of Ph.D. thesis

1. The thesis must be typed using MS Word, in Times New Roman font size 12, with heading in font size 14 and bold. The text shall be in line spacing 1.5 with side margins Left 1.5” and right margin 1.0”.
2. Thesis should be type-written on good quality A-4 size paper. It should be typed on both sides of the paper, with line spacing of 1.5.
3. Suitable reproduction of Indian-ink diagrams should be used. Photographs should be suitably mounted on the same quality paper as the thesis.
4. References should be given in APA (American Psychological Association) style.
5. Four copies of the thesis in soft binding along with one copy on CD for record must be submitted in the college concerned, from where they would be forwarded to the examination division for evaluation. In case of a research scholar being supervised by more than one supervisor, appropriate number of additional copies must be submitted.
6. The cover and inner cover page should have the following printed on it in block letters:

TITLE OF THE THESIS

BY

NAME OF THE RESEARCH SCHOLAR

UNDER THE SUPERVISION OF

Name of the Supervisor(s)

NAME OF THE COLLEGE

Submitted

**in fulfillment of the requirement of the degree of Doctor of Philosophy
to the**



TEERTHANKER MAHAVEER UNIVERSITY
MORADABAD
Year

7. After the Oral Defence examination, two copies of the thesis in maroon colour hard cover binding must be submitted. The cover should have the material indicated in the

item 5 above printed on it. Besides, the following should be printed on the spine of the thesis:

- i) the year of publication at the top;
- ii) the author's last name in the middle; and
- iii) Ph.D. at the bottom.

8. The contents of the thesis should have the following format:

- i) Inner cover page;
- ii) Certificate of the Supervisor(s);
- iii) Declaration by the scholar;
- iv) Plagiarism check certificate
- v) Acknowledgements;
- vi) Abstract;
- vii) Table of Contents;
- viii) List of Figures/Tables/Abbreviations
- ix) Body of the thesis;
- x) Bibliography;
- xi) Appendices

DECLARATION

I do hereby declare that the thesis titled “-----
-----” submitted
to Teerthanker Mahaveer University in partial fulfillment of the requirement for the award
of the degree of Doctor of Philosophy is a record of original work done by me during the
period of my study under the supervision and guidance of -----
-----.

This thesis has not formed the basis for the award of any Degree/ Diploma/ Associateship/
Fellowship or similar other title to any candidate of any University.

The manuscript has undergone plagiarism check by Turnitin software

(Submission ID: -----) and the similarity index has been found to be
_____, which is within the accepted norms of the University.

Signature: _____

Candidate's Name: _____

Registration No.: _____

Place: _____

Date: _____

CERTIFICATE

Certified that the thesis titled “-----”
submitted to (Name of the College), Teerthanker Mahaveer University, Moradabad in partial
fulfillment of the requirements for the award of the Degree of Doctor of Philosophy is a
record of original work done by ----- during
the period of his/her study under my/our supervision and guidance.

This thesis has not formed the basis for the award of any Degree/ Diploma/ Associateship/
Fellowship or similar other title to any candidate of any University.

Research Supervisor(s)

Chairperson, College Research Committee
Name of the College/ Department
Teerthanker Mahaveer University

PLAGIARISM VERIFICATION

Date:

This is to certify that the thesis titled as below has been subjected to plagiarism check. Following are the details of the report generated:

Title of the Thesis : _____

Research Scholar : _____

Registration No.: : _____

Software used for checking plagiarism : _____

Submission ID : _____

Total no. of pages : _____

Time submitted : _____ %

Similarity Index : _____

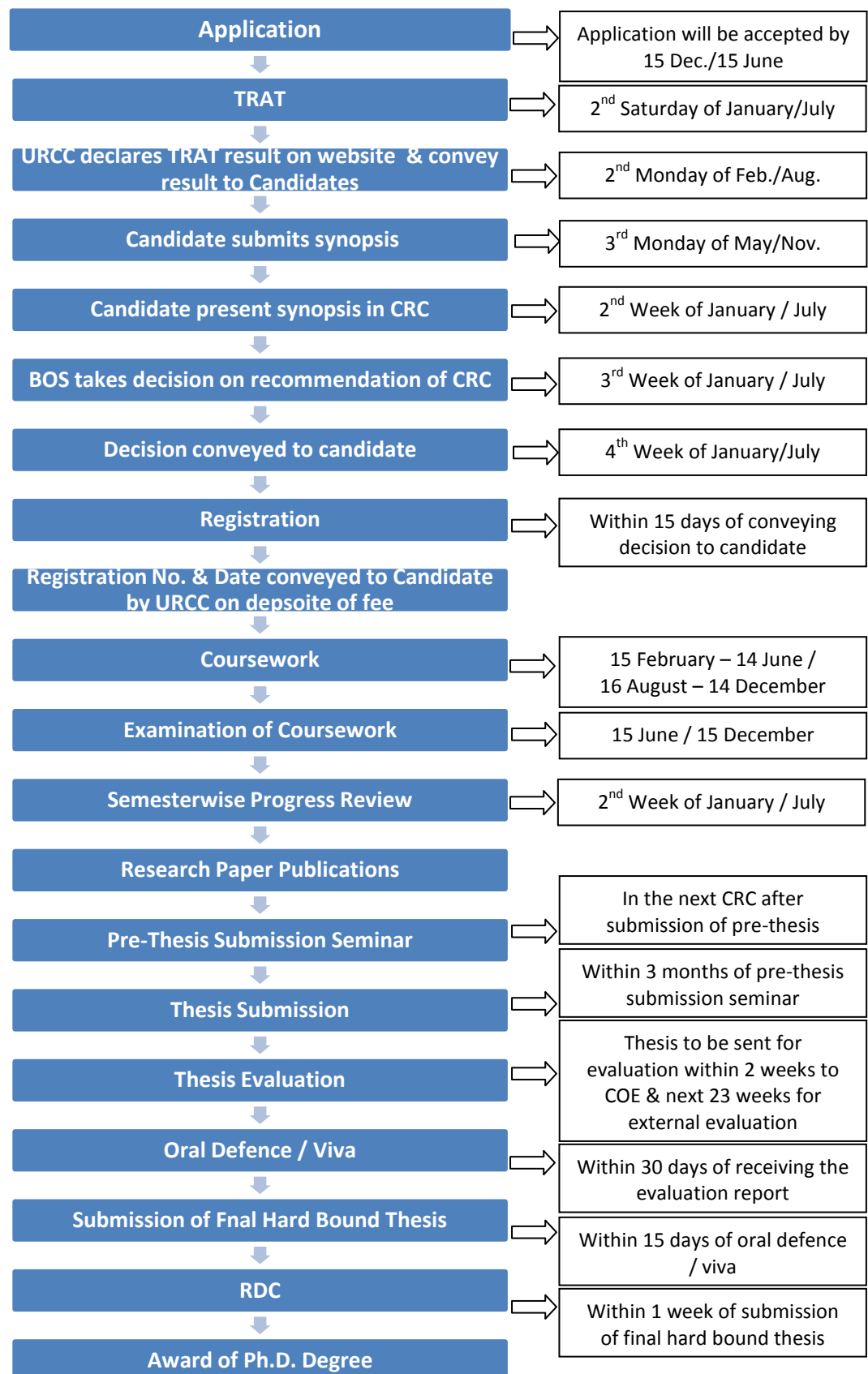
Total word count : _____

Character count : _____

The thesis may be considered for the award of degree of Doctor of Philosophy/ the similarity index is higher than the prescribed limit hence not acceptable for submission of the thesis. (Relevant documents attached).

Joint Registrar
University Research & Consultancy Centre [URCC]
Teerthanker Mahaveer University
Moradabad

STANDARD OPERATING PROCEDURE FOR Ph.D.





TEERTHANKER MAHAVEER UNIVERSITY
Delhi Road, Moradabad (U.P.) - 244001

NO DUES CERTIFICATE FOR Ph.D. THESIS SUBMISSION
(To be completed by the research scholar)

- 1 Name of Research Scholar : _____
- 2 Registration No. : _____
- 3 Date of Registration : _____
- 4 Discipline : _____
- 5 College/Department/Centre : _____

Verified that Mr./Ms. has paid his/her Ph.D. fee as per the following details:

| Fee Description | Amount (Rs.) | Receipt No. | Due Date | Payment Date | Remarks |
|---|--------------|-------------|----------|--------------|---------|
| Application Fee | | | | | |
| Registration Fee | | | | | |
| 1 st Installment Fee | | | | | |
| 2 nd Installment Fee | | | | | |
| Extension Fee for 3 rd Year | | | | | |
| Extension Fee for 4 th Year | | | | | |
| Extension Fee for 5 th Year | | | | | |
| Laboratory Charges 1 st Year | | | | | |
| Laboratory Charges 2 nd Year | | | | | |
| Laboratory Charges 3 rd Year | | | | | |
| Laboratory Charges 4 th Year | | | | | |
| Laboratory Charges 5 th Year | | | | | |
| 3 rd Installment Fee/ Thesis Submission Fee | | | | | |
| Any other charges, if applicable | | | | | |

Further, it is verified that Mr./Ms. has paid all his/her dues including fine and other charges up to date and nothing is outstanding against him/her as on date. He/ She may be allowed to submit his/her thesis as mentioned above.

Signature with seal
(FINANCE OFFICER)

Place: _____

Date: _____