

**Ordinance NO. 97 of 2017.****Examination leading to the Degree of Master of Engineering by Research (M.E.) in all the subjects offered under the Faculty of Engineering and Technology, ordinance, 2017.**

**Whereas**, it is expedient to provide an ordinance in respect of Examination leading to the Degree of Master of Engineering by Research (M.E.) in all the subjects offered under the Faculty of Engineering and Technology, for the purposes hereinafter appearing, the Management council is hereby pleased to make the following ordinance :

1. This ordinance may be called “Examination leading to the Degree the degree of Master of Engineering by Research(M.E.) in all the subjects offered under the Faculty of Engineering & Technology, ordinance, 2017.”
2. This ordinance shall come into force with effect from the date of its making by the Management council.
3. Subject to his compliance with the requirements of this ordinance and of other ordinances in force from time to time, any person who has passed the examination for the Degree of Bachelor of Engineering or Bachelor of Technology in any Engineering Discipline (to be allowed to do M.E. by Research in the relevant Engineering Discipline) of this University or a Degree of a Statutory University recognised by this University as equivalent thereto may offer himself as a candidate for the Degree of Master of Engineering by Research as the case may be, under this ordinance.

Provided firstly that any candidate who has passed the B.E. Examination in Mining/Civil/Mechanical/ Electronics and Power (Electrical) /Electronics/ Electronics and Telecommunication / Electronics and Communication / Instrumentation/Computer Science and Engineering/Computer Technology/Information Technology and any other discipline that may be offered by this university from time to time or M.Sc. Degree with relevant specialisation from science stream may offer himself as a candidate for the degree of M.E. by Research in relevant engineering discipline of this University.

Provided Secondly that without prejudice to the foregoing para any person who has passed A.M.I.E. or an equivalent examination shall be eligible for admission to M.E. by Research in the branch in which he has qualified himself subject to the following conditions, viz.:-

- a) He shall have completed the Sections A and B of the Institution of Engineers (India).
- b) He shall have passed either the Diploma Examination in Engineering or the B.Sc. Examinations.

c) He shall hold a Technical post in the relevant branch in a responsible capacity of the rank of an Assistant Professor and above or equivalent post in an Industry.

4. (1) (i) Every candidate for the Degree shall submit an application for registration to the University in the format stating the following particulars:

(a) the subject and outline of his thesis i.e. synopsis;

(b) the person under whose guidance and the Institution under the jurisdiction of the University in which he proposes to carry out his research work of the degree; and

(c) the evidence of his qualification for the proposed research:

Provided that no candidate shall apply for registration as a research student for aforesaid Degree in a subject, if he is already registered in another subject unless:-

a) he has submitted his thesis for evaluation in the other subject; or

b) his name has been removed from the roll of Register for Research Students of that subject

(ii) (a) Such application shall be submitted to the University in the suitable format together with a prescribed fee by the 15<sup>th</sup> July or 15<sup>th</sup> January of the year. The fee paid shall not be refunded.

(b) The applicant shall further pay the prescribed Registration fee after his application is sanctioned by the concerned authority the University. The registration fee paid shall not be refunded.

(2) Every application for registration submitted in the prescribed form shall be placed before the **Post-Graduate Research Committee** constituted by the Board of University Teaching and Research (BUTR) in the subject concerned.

(3) (a) The Committee shall consist of :-

(1) The Dean of the Faculty concerned (Chairman);

(2) The Chairman of the Board of Studies in the subject concerned;

(3) The Head of the Teaching Department of the University, if any, in the subject concerned; and

(4) One member of the Board of Studies who is a Post-Graduate Teacher, to be nominated by the Board of University Teaching and Research, provided that there shall be two such members, if the Chairman and the Head of the Department are one and the same person.

In case, there is no Head of the University Teaching Department, an additional member who shall be a Post-Graduate Teacher shall be nominated by the Board of University Teaching and Research (BUTR).

(b) The Committee shall meet as often as is necessary.

(c) The Committee shall consider the application for registration and report to the Board of University Teaching and Research whether in its opinion the application should be accepted or rejected or accepted with specified amendments. The Board of University Teaching and Research (BUTR) shall decide as to whether the application should be accepted or rejected or accepted with specified amendments and its decision shall be final.

4. (i) Every candidate for the Degree shall submit a thesis in the Faculty of Engineering and Technology on a subject within the purview of the Department of

studies concerned in the Faculty of Engineering and Technology approved by the Board of University Teaching and Research and appear for the Viva-Voce m Examination. He shall also take the written examination if the examiners so desire.

(ii) No candidate shall submit his thesis for valuation until '*Two Years*' have elapsed from the date on which the candidate's application is approved by the Board of University Teaching and Research (BUTR).

6.(i) Every candidate for the Degree shall have carried on research for at least two academic years under a person and in an institution or industry concern approved by the Board of University Teaching and Research (BUTR).

(ii) The Board of University Teaching and Research may, on the recommendation of the Post-Graduate research Committee and after considering the published work of a candidate in this behalf, reduce the period for which he is required to work under a Supervisor or exempt him from working under a Supervisor.

(iii) The Board of University Teaching and Research may, without prejudice to any reduction or exemption granted by it under clause (ii) of this paragraph, permit a candidate to count the period of any work on the subject of his thesis prosecuted by him prior to the date of his application as part of the prescribed period of work for the Degree.

(iv) (a) The Supervisor for the research work of the candidate shall submit to the Board of University Teaching and Research, a six monthly report on the work of the candidate and report when the thesis is ready for examination.

(b) The maximum number of students who may carry on their research work at a time under one supervisor shall not exceed **EIGHT**.

(v) Every candidate shall pay the six monthly fee prescribed by the Affiliating University from time to time, for retaining his name on the register of research students. This fee shall be payable by 15<sup>th</sup> January and 15<sup>th</sup> July in each academic year during the period of research work.

7. The thesis shall be based on the candidate's own work and shall not include any work which has been submitted for a Degree of Gondwana University or any other University. The thesis may be accompanied with reproduction/originals of the research work carried out by the candidate.

8. The candidate shall submit three type written or printed copies of his thesis (one set of his original specially prepared during the research work, if any) together with:

(a) an examination fee as prescribed by the University from time to time

(b) three copies of Extended Abstract thereof,

(c) a certificate signed by the supervisor under whose guidance he has worked to the effect that there is a prima facie case for consideration of his thesis and that the candidate has done sufficient work to enable him to submit a thesis for the examination,

(d) a statement indicating to what extent his work is original and to what extent it is borrowed from others, and

(d) a declaration that the thesis is not substantially the same as one which has

already been submitted by him at this or any other University.

9. (i) The candidate's thesis and any other contribution to the study of the subject which he may submit shall be referred to a Board of Examiners consisting of one Internal and one External examiner appointed by the Board of Examinations. For this purpose, the Board of Studies shall recommend a list of at least three External persons suitable to be appointed as Examiners for the thesis.
- (ii) Every candidate will have to offer Viva-Voce Examination which shall be conducted by the Board of Examiners as in (i) above.
- (iii) If the Examiners so desire, the candidate shall take written examination which shall consist of two papers of three hours duration. The written examination shall test the candidate's ability and general knowledge in the subject and shall be on the field of knowledge connected with the thesis and where necessary, the scope of the examination shall be decided on the advice of the examiners. The written examination shall be conducted by the same Board of Examiners as for thesis.
10. (i) The Examiners shall report jointly to the Academic Council after the Viva-voce Examination and/or written examination, if any, whether the thesis should be accepted, re-submitted after further work or improvement or rejected. The Board of Examiners who value the thesis and who conduct the Viva-voce Examination and written examination, if desired, shall report to the Academic Council on the merits of the candidates for the examination as **“Grade-A”** or **“Grade-B”** or **“Not Recommended”**.
- (ii) In the event of difference of opinion between the two examiners, Board of Examinations shall appoint a third examiner, whose decision shall be final.
- (iii) On receiving the report of the Academic Council that the candidate is worthy of the Degree of Master of Engineering (by research), as the case may be, the Board of Examinations shall declare the candidate eligible for award of the aforesaid Degree and cause his name to be published together with the subject of his thesis.
11. (i) A candidate permitted to resubmit his thesis in a revised form shall submit it within **twelve months** from the date on which he is informed in this behalf. The fee payable with the thesis in a revised form shall be as prescribed by the University from time to time.
- (ii) If the examiner's report that the thesis of a candidate should be submitted after further work or improvement, they shall indicate the portions of their reports which will, in their opinion, help the candidate in further carrying out his work and improving his thesis. A copy of such portions shall be forwarded to the candidate.
12. (i) Every candidate shall submit his thesis within a period of **‘Five Years’** from the date on which his application is sanctioned by the Board of University Teaching and Research (BUTR). The names of the candidates failing to submit their thesis

within the prescribed period shall be removed from the register of Research Students.

(ii) The candidate who has failed to submit his thesis within a specific period of 5 years from the date of his registration in the University and whose name is removed from the register of research student may re-register. In case the subject offered at the time of re-registration is the same as before he can submit his thesis even before the completion of the minimum period of two years but in no case after the maximum period of 5 years.

13. The Examination leading to the degree of Master of Engineering by Research(M.E.)of this University so far, by this ordinance shall be deemed to have been recognised as equivalent to the corresponding degree examinations of this University under this ordinance.

### **(Statement of object and reasons)**

The Vice-chancellor of the university had issued Direction No. 164 of 2013 on 21/8/2013 in respect of Direction governing award of the Degree of Master of engineering (M.E. by research) in all the subjects offered under the faculty of Engineering and Technology, under provision of section 14 (8) of the Maharashtra university Act, 1994.

The subject matter of the Direction is required to be regulated by an ordinance as provided under the Act.

In view of the above, the existing Direction is required to be converted into an ordinance as provided under the Act, hence this Draft ordinance is prepared for consideration of the Academic council and the Management council.