

ORDINANCES

FOR

THE DEGREES

OF

Ph.D., D.Litt. and D.Sc.

(effective from 05.9.2007)

(In the Faculties of Commerce, Engineering/Technology, Fine Arts and Science)



2007-08

Mangalayatan University, Aligarh

Arul
21/9/07

Abbasul

Aravathi

Mangalayatan University, Aligarh

ORDINANCES RELATING TO THE DOCTORATE,
DEGREE IN THE FACULTIES OF COMMERCE, ENGINEERING / TECHNOLOGY,
FINE ARTS AND SCIENCE)

ORDINANCE
DOCTOR OF PHILOSOPHY

RDC

1. A candidate for registration for the degree of Ph.D. must at the time of application possess a Master's degree of the Mangalayatan University or of any other University (duly incorporated by any law for the time being in force) recognised by the Executive Council for the purpose;

Provided that the candidate either-

(i) has secured at least 55% of the aggregate marks (50% in the case of SC/ST candidate) at the Master's degree examination or equivalent in the relevant discipline;

or

(ii) has secured at least 75% of the aggregate marks at the Bachelors degree of ~~Engineering / Technology examination or equivalent~~ in the relevant discipline;

or

(iii) has got a position among the Top ten rank holders at Bachelors Degree of Engineering / Technology examination of this University.

or

(iv) a Bachelor's degree holder in Engineering/Technology with at least 20 years experience in an Engineering Department of a University.

or

(v) possesses an M.Phil Degree.

or

(vi) has qualified NET/GATE examination.

or

(vii) is a teacher of at least five years standing in an Institute of this University.

2. A candidate for the Ph.D. degree must apply to the University in the prescribed form stating:-

- (i) His/her qualifications and experience.
- (ii) The subject on which he proposes to work.
- (iii) Name of the supervisor (and co-supervisor, if any) under whom the work is to be carried out.

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3. The application shall be accompanied by-

- (a) Registration fee of Rs.1,000/-. If the application is rejected, no fee shall be refunded.
- (b) An annual fee, as prescribed by the university from time to time.
- (c) A certificate from the Head of the Institution of this university, testifying that adequate facilities exist and stating that in case the candidate is permitted, the candidate will be allowed to work in the Institute.
- (d) Ten copies of the outline of study on the topic of research, consisting of the following, under specific headings:-
 - (i) Introductory background on the topic.
 - (ii) Review of the existing literature on the topic.
 - (iii) Purpose/objective of the study.
 - (iv) Research methodology.
 - (v) Chapter scheme.
 - (vi) Select bibliography.
 - (vii) Any other information which is deemed important by the candidate to justify the registration.

4. A candidate shall ordinarily be permitted to work for the Ph.D. degree in the subject in which he did obtain his Master's Degree. Provided that such Multi-Disciplinary research work leading to Ph.D. degree in allied subject in the same or other faculty may also be allowed if the Research Degree Committee concerned or the Vice-Chancellor on the recommendation of the concerned Dean of the faculty or the Convener of the Board of Studies is satisfied that the candidate possesses the requisite qualification/capabilities to take up the proposed work in multi disciplinary areas.

5. The person recommended for appointment as a supervisor or co-supervisor must be Either- (a) All Faculty members of the University having Ph.D. Degree;

or

- (b) Scientific/Design staff of the University with a Ph.D. degree.

or

- (c) When a faculty member, who has guided candidate for at least 3 Years, retires, he will be permitted to continue as guide. However, co-guide who is in service will be appointed in addition.

or

- (d) A faculty member who is to retire within 3 Years may be permitted to become a guide to a new scholar with another faculty member, who is not likely to retire within 5 years as co-guide, at the time of registration itself.
- (e) In case a faculty member who is a guide goes on leave exceeding one year duration, another faculty member will be identified to become a co-guide of the research scholar.
- (f) The induction of new guide after 3 Years of registration of a research scholar will be considered by the Vice-Chancellor in consultation with Dean Faculty concerned.
- (g) A retired teacher of the University having seven years of teaching in the subject and / or research project sponsored by the Central or any State government such as(UGC, ICAR, CSRI, CDRI etc.) approved by the Executive council of the University.
- (h) A teacher who has already been recognised by the University to act as supervisor under any Ordinance of the University for the time being in force shall be deemed to be qualified under this ordinance;
- (i) A scholar of recognised merit, approved by the Executive Council; Provided that a candidate working under a scholar of recognised merit vide clause (i) above shall work at the university campus.

6. Relatives of the candidates supplicating for the Ph.D. Degree shall not be allowed to act as supervisor.

Explanation of relationship is given below.

(a) Two persons are said to be related to each other.

- (v) if one is lineal ascendant of the other, or
- (vi) if one was the father's or mother's brother or the grand father's or grand mother's or sister or the other, or
- (vii) if the two are brothers and sisters, uncle and nephew or niece, aunt and nephew or niece, or children of brother and sister or of two brothers or of two sisters, or
- (viii) if any of the two husband and wife or if one is related to husband or wife or the other relative in the above manner.

(b) In clause (a) of this explanation; relationship includes relationship by half or uterine blood as well as by full blood, illegitimate blood relationship as well as legitimate relationship by adoption as well as by blood, and all terms of relationship shall be construed accordingly.

7. No supervisor shall have more than four students under him at any time.

Provided that the Vice-Chancellor may allow two additional candidates to work under a supervisor.

8. The application shall be placed before a Research Degree Committee, which may be separate for each department of study taught at the Master Degree level, and in case of Engineering / Technology taught at the Bachelors degree level also in each subject, which shall consist of the Vice-Chancellor, the Pro Vice-Chancellor, the Dean of the Faculty concerned, the Convener of the Board of studies, the Head of the Department concerned, and two or three experts to be nominated by the Vice-Chancellor for a period of two years.

9. The Research Degree Committee shall meet twice in an academic year preferably in February and September. The candidate will be required to present before the RDC for discussion. The supervisor may also attend the RDC meeting of the faculty. The committee shall satisfy itself that the subject offered is such which can properly be pursued under the guidance of the proposed Supervisor, and that the candidate possesses the requisite qualification and the adequate facilities and equipment for work exist at the research centre of Institution concerned.

10. The RDC shall have the power to modify the topic of Research. The modified topic shall be communicated to the candidate and the supervisor.

11. Where the Research Degree Committee directs revision of the synopsis so as to be suitable for the approved or modified topic, the revised synopsis shall be referred to the Sub-Committee Consisting of (i) the Convener (ii) the internal expert and (iii) the supervisor concerned for decision on behalf of the Research Degree Committee.

12. When the Research Degree Committee is of the view that the application must be rejected, it shall indicate reasons in details for such rejection. Before Research Degree Committee rejects the application finally, the candidate shall be given hearing at a subsequent meeting. After hearing the candidate, Research Degree Committee may either recommend rejection of the application finally or may accept the application, In both the cases, it shall state reasons in detail.

13. In case the Research Degree Committee does not approve the name of the Supervisor mentioned in the application, the candidate may suggest the name of another Supervisor without a fresh application.

14. If permission is granted by the Academic Council, the candidate shall pursue his research under the supervisor on the topic approved, for not less than eighteen months commencing from the date of application.

Provided that this period shall stand reduced to 12 months in the case of candidates holding M.Phil Degree in the subject concerned.

Provided further that the Vice-Chancellor may allow change of supervisor, if he is satisfied with the reason for such a change.

15. Where candidate is admitted to the Ph.D. course he shall be required to pursue his research for the Ph.D. Degree at one of the Institutes of the University as a regular student for a minimum period of 18 months. But no candidate, so admitted, shall be permitted to continue as a regular student for a period exceeding five years and in special cases seven years, permitted by the Vice-Chancellor, from the date of admission.

16. Notwithstanding any thing contained in these ordinances, a candidate may be permitted by the Vice-Chancellor, on the recommendation of the supervisor, to reside outside the University campus, for the purpose of collecting material for his thesis for a period not exceeding six months in at least two instalments with a gap of two months in between during the course of his study for the Ph.D. Degree.

17. If the admission of the candidate is cancelled by the Head of the Institute of the University on the ground of unsatisfactory progress report of the supervisor or any other ground of indiscipline, misconduct etc., his registration shall stand cancelled in the University with effect from the date of cancellation of his admission.

18. If the committee is satisfied, it shall report the application to the Academic Council for permission being granted to the candidate.

Provided that the Vice-Chancellor may allow registration to an eligible candidate on the recommendation of the Dean, or Convener of the Board of Studies at any time.

Only approved cases shall be put up before the Academic Council.

19. On permission being granted, the candidate may submit his thesis at any time after eighteen months from the date of application till the completion of sixty months from the date of permission of the Academic Council. Provided that extension may be granted by the Vice-Chancellor upto two years on the recommendation of the Supervisor.

20. A candidate shall be eligible to submit his Ph.D. thesis after he has obtained and submitted (a) a certificate from the Supervisor and Co-supervisor, wherever appointed and the Head of the Department concerned, stating that he has engaged in full-time study for the required period as prescribed in these ordinances, and that he has put in regular attendance as per rules and (b) a certificate from the Chief Warden that he has been in residence for the required period as prescribed in these Ordinances and that his conduct has been satisfactory.

21. A candidate for the Ph.D. Degree shall submit four copies of the thesis, accompanied by the prescribed fees of Rs.10, 000/- along with at least two research papers published in referred International Journals of repute. The thesis shall be in the English language and shall be satisfactory in respect of language and presentation of Subject matter. He shall also submit a brief abstract of his thesis and indicate in a prefatory note what part of the thesis he claims as original, what sources he has used and in what respect his investigation appears to him to advance the study of that branch of knowledge. Any original papers published by the candidate and/or the dissertations submitted by him for the M.Phil or Master's degree in the concerned discipline may be submitted as subsidiary or supporting material in favour of the candidature.

Provided that any relevant material from the M.Phil dissertation may be incorporated in the Ph.D. thesis, but this should be appropriately in the prefatory note.

22. The thesis shall be accompanied by a certificate from the supervisor stating that the thesis embodies the work of the candidate himself and that the candidate worked under him for not less than 18 months, the period required, together with a clearance certificate from the Head of the Institute.

23. Every thesis for the Ph.D. degree shall be examined by three examiners, of whom two shall be external (one from Indian Research Institutes / Universities and other from foreign Institutions / Universities) being persons of high academic repute, not in the service of this University. The Supervisor (and, failing him, the co-supervisor) shall be one of the examiners; but if neither the supervisor nor the co-supervisor, if any, is available, another person may be appointed examiner. Examiners other than the supervisor / co-supervisor shall be appointed by the Vice-Chancellor out of the panel containing names six proposed by the supervisor concerned and another six proposed by the Convener of the Board of Studies concerned on behalf of the

Board of Studies. In case, where the Vice-Chancellor himself is the supervisor, the examiners shall be appointed by the Examinations Committee.

Note: The panels shall be sought from the Convener and the Supervisors concerned by sending self-addressed stamped envelope to them.

24. (i) if the majority of the examiners disapprove the thesis, it shall be rejected.

(ii) If the majority of examiners approve the thesis and if the Executive Council/Vice-Chancellor, after considering the report of the examiners, consider the candidate worthy of the Ph.D. Degree, they shall confer the degree on the candidate from the date of submission of the completed thesis.

(iii) If the majority of examiners recommend that the candidate be asked to improve his thesis, the Executive Council/Vice-Chancellor may permit the candidate to re-submit his thesis not earlier than six months and not later than one year or under very special circumstances not later than the date to be fixed by the Executive Council/Vice-Chancellor in such cases. In case a candidate is allowed to re-submit his thesis, he shall have to pay a fresh fee of Rs..... at the time of the resubmitting the thesis but it shall not be necessary to produce any certificate e.g. further attendance at the institution.

(iv) The re-submitted thesis shall ordinarily be examined by the old set of examiners.

(v) When the thesis is finally accepted, the candidate will be required to appear at a viva voce examination before a Board consisting of the supervisor (unless otherwise directed by the Vice-Chancellor) and one of the examiners recommending the acceptance of the thesis in case any of the examiners of the Board is not available, the Vice-Chancellor may appoint any other examiner from the panel and he shall be supplied with the reports on the thesis before the conduct of the Viva-Voce examination.

(vi) In case both the Viva-Voce examiners are not satisfied or where there is difference of opinion between them, the candidate shall be asked to re-appear at a second Viva-Voce examination to be conducted by the same examiners within six months. If the candidate fails to satisfy the Viva-Voce examiners second time, the thesis shall finally be rejected.

(vii) In case any of the examiners of the Board is not available or the external examiner does not finalise, within three months, the date for the Viva-Voce examination, the Vice-Chancellor may appoint any other examiner from the panel.

(viii) The Viva-Voce examination will ordinarily be held at Senate Hall of Mangalayatan University, Beswan, Aligarh. The Vice-Chancellor may allow the Viva-Voce examination at any other place in exceptional cases.

(ix) The Viva-Voce examination shall be open to all members and research scholars of the Department concerned, but questions shall be put only by the examiners.

Note:- The report of the examiners on the thesis shall be made available to the candidate, or/and the Board of examiners (Viva-Voce) before the Viva examination.

25. Remuneration for evaluating the Ph.D. thesis shall be Rs. to each examiner and for conducting the Viva-Voce examination Rs..... Provided when an examiner who takes Viva-Voce examination is also one of the examiners evaluating the thesis shall be paid Rs..... for both.

26. A candidate on being permitted to supplicate for the Ph.D. Degree, notwithstanding anything contrary contained in any Ordinance of the University, shall not get himself enrolled for any degree course or examination, whether of Mangalayatan University or any other University.

27. The copies of report of examiners of the thesis and viva-voce reports, may be given to the candidate on his request, only in cases where the thesis has been finally accepted for the award of the degree, after award of the degree on payment of Rs.250/-.

DOCTOR OF LETTERS OR DOCTOR OF SCIENCE

- 28- A candidate for Registration for the degree of D.Litt. or Doctor of Science. must be-
- (a) a Doctor of Philosophy of the University of at least two years standing, or
 - (b) a Doctor of Philosophy of at least four years standing of any University recognized for this purpose by the Executive Council, or
 - (c) A Master Degree holder of this University of at least six years standing, or
 - (d) A Master degree holder of atleast ten years standing of any University recognized for the purpose by the Executive Council of the University.
 - (e) A Master Degree holder of any University incorporated by any law for the time being in force, of at least ten years teaching experience in the University Deptt of Mangalayatan University or any University.

Provided that the candidate referred to in clauses (c) (d) or (e) above satisfies an experts committee of three experts nominated by the Vice-Chancellor for the purpose (atleast two of the experts being persons not connected with this University). This committee shall satisfy itself with regard to the merit of the subject. The Research Degree Committee and the Executive Council/Vice-Chancellor may grant exemption from the Ph.D. Degree to the candidate.

NOTE:- The candidate referred to in clauses (c) (d) or (e) must have obtained atleast 55% marks (50% in case of SC/ST) at the master degree examination or he/she must be a post graduate teacher of atleast ten years standing.

- 29- The D.Lit. or D.Sc. degree shall be awarded on the basis of an original thesis submitted by the candidate upon a subject within the faculty concerned or in any other subject of the other faculty if the RDC/the Vice-Chancellor in consultation with the Dean/Convener of the Board of Studies has found the subject and the candidate appropriate and capable for the work.
- 30- A candidate for the D.Lit. or D.Sc. degree must apply to the University on a prescribed form stating:
- (f) his qualification and experience;
 - (g) the subject on which he proposes to work, and
 - (h) the purpose of study indicating the original contribution to knowledge which the thesis proposes to make and which will bring to light material not yet known or used by scholars, or a fresh interpretation of already known facts.

The application shall be supported by two teachers of the subjects concerned of the University or two Doctors holding the research degree in the subject of any University incorporated by any law for the time being in force who shall testify that the candidate is a fit and proper person to supplicate for the degree. The application shall be accompanied by a Registration fee of Rs. _____, which is not refundable.

- 31- The application shall be placed before the Research Degree Committee in the subject concerned, which shall consist of the Vice-Chancellor, the Dean of Faculty, the Convenor of the Board of Studies concerned, and two or three experts to be nominated by the Vice-Chancellor in consultation with the Convenor of the Board of studies and the Dean of the Faculty concerned. The Research Degree Committee shall ordinarily meet twice in an academic year preferably in February and September. The committee shall satisfy itself in regard to the suitability of the topic and subject and the outline of investigation and shall forward the application to the Academic Council with such recommendations as the committee may wish to make.

Provided that the Vice-Chancellor may allow registration of any candidate directly or on recommendation of the Dean of the Faculty or the Convenor of Board of studies at any time.

- 32- If the application is entertained by the Academic Council, the candidate may submit his thesis at any time not earlier than two years and not later than five years from the date on which he was permitted to supplicate for the degree.

In case the candidate does not submit his D.Lit./D.Sc. thesis within 5 calendar years from the date of permission, the permission granted to him shall lapse unless the time is extended by the Vice-Chancellor on late payment as prescribed by the University, which will not exceed two years and thereafter the name of the candidate shall be removed from the registered list.

- 33- Examiners for thesis shall be appointed by the Vice-Chancellor only after a report has been received from the candidate to the effect that the thesis is about to be completed. Such report should be received at least one month before the completion of thesis. Provided that the Vice-Chancellor may refer any research work, published or unpublished, already completed by some eminent scholar in his field of specialization and performance at any time after obtaining opinion of the Dean of Faculty or Convenor of Board of Studies, directly to examiners for evaluation, as provided.

The Convenor Board of studies may be requested to suggest panel of not less than ten examiners for the consideration of the Vice-Chancellor, who may also add more names to the panel.

- 34- A candidate shall not be allowed to submit in his thesis any paper or papers on the basis of which a degree has already been conferred on him by this or any other University, but he shall not be precluded from incorporating work which has already been submitted by him for a degree, in a thesis covering a wider field provided that he shall indicate the extent of the work so incorporated. The thesis submitted must be satisfactory as regard its literary form, and if not already published must be in a form suitable for publication. The medium of expression for every thesis shall be English.

After the thesis is completed, the candidate shall submit six printed or typewritten copies of his thesis, together with a sum of Rs. 7500/-, on account of the evaluation fees. The candidate shall indicate how far his thesis embodies the result of his own research and in what respects his investigation appears to him to advance the bounds of knowledge. He shall also state what authorities he has utilized in preparing his thesis and shall submit in support any paper or papers which he may have published independently or jointly.

The thesis must be a piece of research work characterized either by a fresh approach towards the interpretation of facts of theories. In either case, it should, evince the candidates capacity for critical examination and sound judgment and deep knowledge in the subject.

The thesis must be a piece of research work characterized either by a fresh approach towards the interpretation of facts or theories. In either case, it should, evince the candidate's capacity for critical examination and sound judgment and deep knowledge in the subject.

35- On its receipt, the thesis shall be sent to five persons selected by the Vice-Chancellor out of the panel as provided under Ordinance (33) above. If a majority of the examiners approve the thesis, it shall be accepted. But if a majority of the examiners disapprove the thesis it shall be rejected.

36- If the thesis examiners recommend that the candidate be asked to improve his thesis, the examination committee may permit the candidate to resubmit his thesis not earlier than six months and not later than one year or under very special circumstances not later than date to be fixed by the Vice-Chancellor in such cases. In case a candidate is allowed to resubmit his thesis he shall have to pay a fresh fee of Rs. 1000/- at the time of resubmitting his thesis.

The resubmitted thesis shall be sent to the original set of examiners. If a majority of the original examiners approve the thesis, it shall be accepted, but if a majority of the examiners disapprove the thesis, it shall be rejected.

37- If the majority of the examiners recommend the thesis, the thesis shall be approved and thereafter the examiners recommending approval shall conduct the Viva Voice examination of the candidate.

Provided that the presence of at least three examiners shall be necessary at the Viva-voice Examination. In case any of the examiners of the Board is not available, the Vice-Chancellor may appoint any other examiner from the panel and he shall be supplied with the reports on the thesis before the conduct of the Viva-voice examination. If the majority of the Board of Viva-Voice examiners is satisfied that the candidate is suitable for the award of the D.Litt. D.Sc. degree and the thesis is worth publication with or without modifications as the case may be, the recommendation shall be placed before the Examinations Committee for consideration, and on the recommendation of the Examinations Committee, the Executive Council shall confer the degree upon the candidate.

Provided further that if the examiners are of the opinion that the performance of the candidate at the viva voce is not upto the mark, he may be given not less than six months' time to improve him and to reappear on the subsequent viva voce to be conducted by the same examiners; unless there is any vacancy among the examiners, it shall be filled in by the Vice-Chancellor out of the panel. The examiners present at the viva shall submit a joint report indicating in detail, opinion on the thesis as well as on the candidate along with their recommendation whether the candidate at a viva be approved or be rejected for the award of D.Litt. / D.Sc. Degree, as the case may be.

Provided also that if, the examiners are of opinion that the candidate's work does not come upto the standard of the D.Litt. or D.Sc. Degree and recommend the award of the Ph.D. degree instead and the Examinations Committee, may approve him for the degree, the Executive Council shall confer Ph.D. degree on the candidate (if he is not already Ph.D.)

38- The viva voce examination shall be held in an Institute/Department of the University and shall be open to the public duly notified.

39- Remuneration for evaluating the D.Litt. / D.Sc. thesis shall be Rs. _____ and for conducting a VIVA VOCE examination Rs. _____.

Hon'ble Vice-chancellor Sir,

Submitted for perusal and kind approval.

8/8/07

4/9/07

Aravind