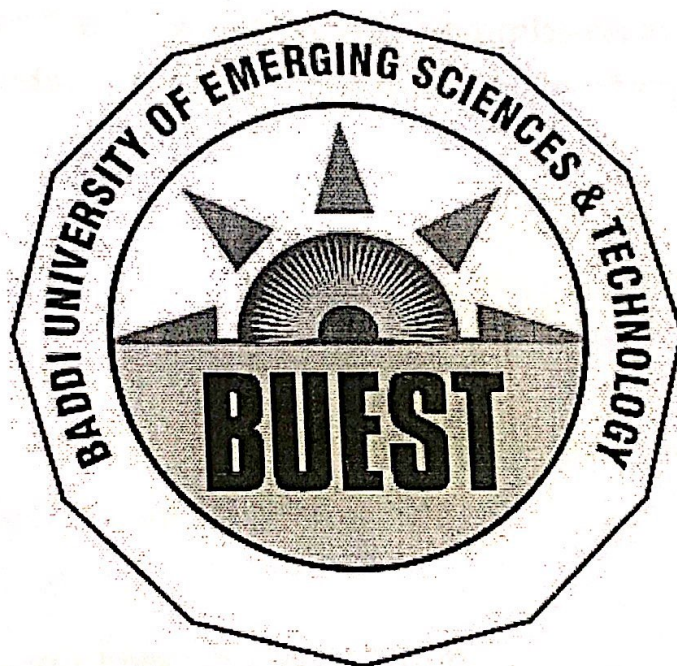


BADDI UNIVERSITY OF EMERGING **SCIENCES AND TECHNOLOGY**

Baddi, Distt. Solan, Himachal Pradesh (India)



Ph.D. Ordinance

(2020)

Baddi University of Emerging Sciences and Technology

BADDI UNIVERSITY OF EMERGING SCIENCES AND TECHNOLOGY

Baddi, Distt. Solan, Himachal Pradesh (India)

Ph.D. Ordinance

(Framed as per the University Grants Commission guidelines on minimum standards and procedures for award of Ph.D. degree)

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STUDENT'S STATUS (During Ph.D. Programme)

Applicant - The day he/she applies for the entrance test/admission.

Enrolled - After approval by the Selection Committee on submission of a brief write up of research area/topic and consent of the prospective Supervisor (s).

Registered - Qualifying in the course work examination, successful presentation of Research Proposal and on subsequent recommendation of the RDC.

1. GENERAL

1.1 This Ordinance will come into force with immediate effect.

1.2 There shall be two Entrance Tests for admission in the Ph.D. programme of the University by the End of June and December every year. The student who qualifies in this test shall be eligible for admission to the Ph.D. programme of the University. The admissions shall be conducted twice in a year.

1.3 The Entrance Test (*Annexure -I*) Committee, constituted by Vice- Chancellor, shall have one Chairperson and five members. Mandate of the Committee shall be as follows :

(i) To announce schedule for the Entrance Test.

(ii) To conduct the Entrance Test.

(iii) To evaluate and declare result for the same.

(iv) The last date for enrollment for Ph.D. programme by the successful candidate in the respective department.

1.4 The number of seats available in each Department/School for Ph.D. will be made available to the Selection Committee by the Dean (R&D) and shall be notified in advance on the University website.

1.5 While admitting students for the Ph. D. programme the reservation policy of the State/Centre shall be followed at the respective department level.

1.6 The duration of Ph.D. programme shall be minimum of two years and maximum of five years. The maximum period can be extended further for not exceeding by two years; but only if the circumstances demand and with the approval of the University Research Board (URB).

1.7 Fee structure will be decided by the University and any change in fee structure from time to time shall be applicable.

2. ELIGIBILITY

2.1 A candidate intending to enroll himself/herself for the Ph.D. programme in Baddi University of Emerging Sciences and Technology (herein after called the University) must be a post-graduate degree-holder with minimum 55% or B+or 6.0 CGPA out of 10 point scale or its equivalent in the appropriate field of Engineering/ Technology/ Pharmacy/ Management/ Sciences/ Agriculture/ Nursing/ Medical Sciences and must have passed the Ph.D. Entrance Test.

2.2 Candidate belonging to SC/ST category or Physically Challenged/Disabled shall be given relaxation of 5%.

2.3 Candidate appearing in the final examination of the Post-graduate programme shall also be eligible to apply for the entrance test; but his/her enrollment shall remain provisional till submission of his/her final Post-graduate Degree Examination result (before commencement of the course work examination); failing which his/her enrollment shall stand cancelled.

2.4 Candidates who have qualified UGC/CSIR(JRF)/SLET/NET/GATE/GPAT etc. of national level examinations, who are teacher fellowship holders/M. Phil. Degree holders/ who had got admission in their M. Phil. programme through common Entrance Test shall be exempted from the University Entrance Test.

(a) However, the candidate falling in any of the category/ies mentioned above shall have to enroll for the Ph.D. programme and complete the course work and course work examination.

(b) Candidates having fellowship from a funding agency (UGC, DST, DBT, CSIR etc.) shall be enrolled from the date of his/her enrolment with the University.

2.5 Notwithstanding anything mentioned above (2.1 to 2.4), the eligibility criteria/ guidelines prescribed and/or issued by All India Council for Technical Education

(AICTE) and/or UGC from time to time shall also be applicable for registration to the Ph.D. Programme/(s) of the University.

3. ENROLLMENT, COURSE WORK AND REGISTRATION

Controller of Examinations shall fix the date and declare results of course work examinations, seminars, presentations and viva-voce exams.

3.1 A candidate who has qualified the Entrance Test for Ph.D. programme shall first deposit the requisite fee and then apply to the Department/School where he/she wants to enroll/register.

Along with the fee the student will be required to submit:

- (i) Brief write up of his/her research interest as a research proposal in the prescribed format.
- (ii) Consent letter from the prospective supervisor (s).
- (iii) No Objection Certificate (NOC) from the employer, if applicable.
- (iv) A certificate from the Head of Organization/Institution in which the candidate opts as the place of research work indicating that the necessary facilities for the proposed work exist in the organization/ institution and shall be made available to the candidate but only on the recommendations of the Supervisor (s) and allowed by the university.
- (v) One copy of bio-data of Supervisor(s)/Co-Supervisor (in a prescribed format).

3.2 If the candidate is not able to get the consent of a supervisor then Head of the concerned Department in consultation with Dean of the concerned School; would decide the allocation of the supervisor/s. It will be decided and allocated depending upon the permissible allocation of number of students with a supervisor, available specialization among faculty supervisors, and the research interest of the student as indicated by the student in his/her application.

3.3 A candidate shall normally be enrolled for Ph.D. programme in the subject in which he/she has passed his/her qualifying examination as stated in clause (2) or in any other

field relevant to it. In special cases a candidate qualifying in subject-X may be permitted for registration to Ph.D. programme in subject-Y provided the RDC of subject Y accepts the topic as falling within its scope. The recommendation of the RDC would need to be approved by URB.

- 3.4 On completion of the course work (**Annexure - II**), the candidate will have to make a presentation before the *Selection Committee* in which his/her topic will be approved and the research proposal will be accepted.

The *Selection Committee* shall consist of the following members:

- | | |
|---|--------------------|
| (i) <i>Convener of RDC of concerned subject</i> | <i>Chairperson</i> |
| (ii) <i>Two experts of the concerned subject from concerned Faculty</i> | <i>Members</i> |
| <i>/Institute (nominated by the VC)</i> | |
| (iii) <i>One expert of the concerned subject</i> | <i>Member</i> |
| <i>but not from University (nominated by the VC)</i> | |

- (a) If the Selection Committee is satisfied with the performance of the candidate, it will recommend for provisional registration of the candidate as a Ph.D. scholar to the concerned RDC.
- (b) Candidate exempted from course work shall have to go through the same process of provisional registration as for other candidates.

- 3.5 Presentation before the RDC has to be made within maximum period of six months from the date of completion of course work. The period of six months can be extended to one year if the circumstances demand and with due permission of the University Research Board (URB).

- (a) If RDC doesn't get satisfied with the candidate's performance, the candidate may be given another chance to present his/her proposal.
- (b) The gap between the two presentations shall be at least six months or as decided by the RDC.

- (c) If second presentation of the candidate is again found to be unsatisfactory then his/her candidature will be rejected.
- (c) Should the RDC advise the candidate to revise the proposed Ph.D. topic, the date of registration could be suitably altered to match the date when the revised topic was accepted.
- 3.6 Thereafter, the candidate may formally register for the Ph.D. and date of registration of the candidate shall begin from the date of successful defending of the research proposal before the RDC.

4. RESEARCH DEGREE COMMITTEE (RDC)

4.1 Constitution of RDC

(a) The Research Degree Committee shall consist of the following members:

| | | |
|-------|---|--------------------|
| (i) | <i>Dean (R&D)</i> | <i>Chairperson</i> |
| (ii) | <i>Dean of concerned School</i> | <i>Convener</i> |
| (iii) | <i>HOD of concerned department</i> | <i>Member</i> |
| (iv) | <i>Supervisor(s)</i> | <i>Members</i> |
| (v) | <i>One expert from the concerned subject/discipline nominated by the Vice- Chancellor on the recommendations of Dean (R&D) from the approved panel.</i> | <i>Member</i> |

- (b) All members shall possess Ph.D. degree or equivalent or have sufficient experience at the doctoral level. However, in exceptional cases, the Vice-Chancellor may waive this condition for reasons to be recorded.
- (c) Four members of the RDC present at a meeting shall form the quorum thereof.

- (d) If the Chairperson or Convener of the RDC is unable to attend the meeting, the senior most member present in that meeting shall act as the Chairperson or Convener.
- (e) The RDC will meet at least twice in each academic session and when called upon by the Chairperson.

4.2 The RDC will be duty bound and empowered to:

- (a) Recommend a student to be formally registered as a Ph.D. candidate if the required conditions have been met and after a successful presentation.
- (b) The minutes of the RDC meeting shall be put up at the next meeting of the URB for approval.
- (c) RDC shall examine the synopsis of the proposed Ph. D. work for registration and shall give a clear report either as topic & synopsis approved or to be resubmitted or as rejected.
- (d) Evaluate and declare the outcome of each presentation and recommend the case to URB for either a formal approval to proceed or for a representation.
- (e) Monitor the progress of the candidate as forwarded by the concerned department (on a prescribed Performa).
- (f) If for some reason change of Supervisor(s) is required or the supervisor is not able to continue with the student; then the RDC will look into facilitating the allocation of new Supervisor(s) to the candidate which would preferably be the co-supervisor and will recommend the change and seek approval from the URB.

5. SUPERVISOR (S):

5.1 A person shall be eligible to act as supervisor, provided after one year of obtaining his/her Ph.D. degree, provided s/he has a good publication record and his/her work has been published in reputed scientific/technical journals. Such a person may either be Principal/Director/Dean, Professor, Associate/Assistant Professor of the University or of any reputed organization/institution.

5.2 The maximum number of candidates that can be registered under a supervisor at any particular time shall be as follows:

| | |
|-------------------------------|----|
| Professor | 08 |
| Reader/Associate Professor | 07 |
| Lecturer/ Assistant Professor | 05 |

5.3 If sufficient number of Supervisor(s) is/are not available in a department, faculty from two different departments may be clubbed and act as supervisors for the purpose of joint guidance.

5.4 In all cases main supervisor will be from the University only; however the co-supervisor if needed may be from other University/Institute.

5.5 If for some unavoidable reasons the Ph.D. Supervisor leaves the University, he/she will continue to supervise candidates registered with him/her, however s/he need to nominate one supervisor from the University.

6. COMPOSITION OF THE UNIVERSITY RESEARCH BOARD (URB):

| | | |
|-------|---|------------------|
| (i) | Vice- Chancellor | Chairperson |
| (ii) | All Directors/Deans of Schools/Institutions | Members |
| (iii) | Two experts nominated by the Vice- Chancellor | Members |
| (iv) | Dean (R&D) | Member Secretary |

University Research Board (URB) will hold a meeting every six months just after the RDC meeting; to review/ approve/disapprove the minutes of the meeting placed before it.

7. DURATION, PROGRESS MONITORING OF THE CANDIDATE

- 7.1 A candidate shall have to submit six monthly progress reports in a prescribed format to the RDC through the Supervisor(s) and with a recommendation that he/she is satisfied with the progress of the candidate.
- 7.2 Candidate will have to present progress of his/her research work by giving at least one seminar a year which is to be assessed by the RDC.
- 7.3 It is incumbent upon the candidate to ensure that the Supervisor forwards the progress report well in time to the RDC. Only if the supervisor's recommendations are positive, the candidate will be allowed to continue his/her research work.
- 7.4 If no progress reports are received for two successive six monthly periods, the RDC may call for an explanation from the candidate as well as from the Supervisor(s).
The candidate will be permitted to continue with the research work only if that explanation is found to be satisfactory.
- 7.5 To continue the registration of the programme, the candidate shall have to deposit the required fee at the beginning of each semester or as and when notified by the University.
- 7.6 The minimum and maximum period for submission of Ph. D. thesis for the candidate shall be two years and five years respectively, from the date of registration.
 - (a) In special circumstances and on the recommendations of the RDC extension upto two years in six monthly installments can be provided by the Vice-Chancellor.
 - (b) The candidate seeking extension must apply at least a month before the expiry of the dead line.
 - (c) A candidate may be allowed to modify the proposal of his/her research work with the approval of the concerned RDC, but in such a case, he/she shall not submit his/her Ph.D. thesis within six months from the date of approval for such a change.

- (d) If no extension is granted and the candidate fails to submit the thesis, the registration of the candidate shall lapse. In such a case the candidate shall have to re-register and begin afresh.
- (e) It shall be essential for a candidate to submit thesis within seven years from the date of registration, otherwise, the registration shall automatically be cancelled after due date and no more extension shall be provided in any circumstances.

8. THESIS SUBMISSION

- 8.1 It is expected that a candidate would endeavor to present quality work in the thesis such that at least two research papers emanate from it and these are published in refereed journals with impact factor as per UGC guidelines. The RDC will recommend submission of thesis only after these papers have been published/accepted.
- 8.2 Candidate must deliver a Pre-submission seminar before the RDC in the presence of his/her Supervisor(s).
- 8.3 Candidate will have to submit ten (10) copies containing a brief report (soft bound) of the work carried out by him/her.
- 8.4 On recommendation of the RDC, the candidate shall be allowed to submit his/her Ph. D. thesis within three months.
- 8.5 The language of the thesis shall be English only.
- 8.6 The thesis shall comply with the following conditions:
 - (i) It must be a piece of original research work showing evidence of contribution to the corpus of knowledge.
 - (ii) Candidate shall take care that literary cogency is maintained and specifications given in the manual for the preparation of the thesis are complied with.
 - (iii) The thesis shall be typed on both sides of the page and hard-bound. The candidate shall submit four typed copies of his/her thesis along with a soft copy to the University.
- 8.7 The thesis shall be accompanied by:

- (a) Declaration by the candidate (**Annexure –III**) stating that the thesis embodies the original work of the candidate and it, as a whole or part of the same has not been submitted earlier for any Degree or Diploma.
- (b) A certificate issued by the Supervisor(s) (**Annexure –IV**) stating that candidate has worked under his/her/their supervision for the period prescribed by the RDC.
- (c) That the various guidelines of UGC and those of the university have been followed.
- (d) A certificate issued by the concerned department verifying that the plagiarism with respect to the contents of the thesis (other than the experimental work and observations reported by the candidate) are not exceeding by more than 20%.

8.8 The work reported by the candidate under experimental/analytical work result section and discussion shall have plagiarism by not more than 5 %.

9. THESIS EXAMINATION

9.1 The appointment of examiners shall be made in the following ways:

- (i) The supervisor shall submit list of **six** Experts to the RDC (out of the approved panel) to whom the thesis could be sent for examination/evaluation.
- (ii) However, no referee shall be from Baddi University of Emerging Sciences and Technology.
- (iii) The referees should be Ph.D. and recognized Research Supervisors /Guides of the concerned University/Institution. The referee should have some published work in the field that the candidate has reported in his/her work.
- (iv) The Vice- Chancellor shall select two external referees from the panel submitted to him and to whom theses will be eventually sent for evaluation.
- (v) The Vice- Chancellor shall also appoint the External Referee for the Viva-Voce Examination in the same case. In case of refusal by any External Referee, the Vice- Chancellor shall appoint another Referee.
- (vi) The synopsis will be first sent to these examiners and their formal approval within one month shall be sought before the final thesis is mailed for

evaluation. If no communication is received within 15 days then a reminder request is sent for final consent. If no formal approval is received (within one month) then the Vice- Chancellor may appoint fresh examiners out of the approved panel.

- (vii) One of these examiners has to be present at the viva voce examination while the other may send his/her evaluation and comments in writing to the Dean (R&D).
- (viii) If convener of RDC is the supervisor, the senior most member of the RDC shall act as the convener.
- (ix) If the Vice- Chancellor is the supervisor, the appointment of examiners shall be made by the senior most member of URB.
- (x) If both the Vice- Chancellor and the convener of RDC are the supervisors, the senior most member of URB shall act as the convener and will appoint the examiners.

9.2 The evaluation reports of the external referees shall be opened by the RDC in the office of Dean ((R&D) and shall be further communicated to the concerned Supervisor(s) for further action desired in the matter.

The examiners shall specifically report in a prescribed performa (Annexure -V) whether the thesis fulfils the requirements of the clause 7. They shall clearly recommend whether the thesis be:

- (i) Approved as it is.
- (ii) Approved after minor revision.
- (iii) Be resubmitted after major revision with:
 - (a) Major rewriting
 - (b) Some extra work
 - (c) Rejected

The candidate shall not be declared eligible for the degree unless all the examiners unanimously declare him/her eligible for the degree.

Following combinations of difference in opinion by the referees may be adopted for further decision on the thesis examination:

(I) – Combination of (i) and (ii) – to be treated as (i)

(II) – Combination of (i) and (iii) – to be treated as (iii)

(III) – Combination of (ii) and (iii) – to be treated as (iii)

- 9.3 In the event of the difference of opinion (II, III), the Vice-Chancellor shall appoint a third External Referee (out of the approved list) for this purpose.
- (a) If, afterwards, majority of external referees' reports are negative, then the candidate shall be rejected for the award of the Ph. D. Degree.
 - (b) In case minor revisions are recommended by the referee/s then it is to be verified by the supervisors whether the candidate has appended those revisions and thesis be approved.
- 9.4 In case of major revision, the candidate shall resubmit his/her work after incorporating suggested revisions. External Referee shall examine the revision at the time of viva-voce examination.
- (i) If the candidate is required to revise the thesis, the RDC may permit the candidate to revise his/her thesis and resubmit to the University in a period not later than one year from the date of communication to the candidate.
 - (ii) The candidate shall have to pay an additional examination fee as prescribed by the University for re-submission of his/her thesis.
- 9.5 On receipt of the satisfactory evaluation reports from external referees the Ph.D. student shall undergo a viva-voce examination.
- (i) The Board for viva-voce shall comprise of one examiner who has approved the thesis (If for any reason both the examiners who have earlier evaluated the thesis are not available the Vice-Chancellor may nominate another examiner from the panel).
 - (ii) The supervisor (Internal Examiner).
 - (iii) HoD of the concerned Department.
 - (iv) On expert nominated by Vice- Chancellor on the recommendations of Dean (R&D) (expert should be from within the University (Internal)).

- 9.6 Board of Examiners at the Viva-Voce (open defence) shall award a clear verdict based on which the candidate may be:
- (a) Awarded the Doctoral Degree
 - (b) Be asked to make amendments in the thesis and resubmit or
 - (c) Rework and resubmit the thesis.
- 9.7 In case a candidate is expected to appear for a second viva-voce examination, the fresh schedule shall be notified by the concerned committee to the candidate.
- 9.8 Clarity of verdict is required on whether the resubmitted thesis is required to be openly defended in another viva-voce or the supervisor is empowered to approve the amendments/corrections so recommended by the Board of Examiners.

10. AWARD OF Ph.D. DEGREE

- 10.1 A candidate, after successful Viva-Voce examination, shall submit four hard bound copies of the thesis duly typed on both sides of the A4 size paper in Times New Roman Script with line spacing of 1.5 and including all the corrections proposed by the examiners to the university prior to issue of the provisional degree certificate. Out of the four copies, the first copy will be retained in the Library of the University, the second copy will be sent to the concerned Department/School of the candidate.
- 10.2 Following the announcement of the award of degree, the University shall submit a soft copy of the Ph.D. thesis to the UGC within a period of thirty days, for hosting the same in INFLIBNET accessible to all institutions/universities.
- 10.3 University shall also issue a Certificate stating the fact to the effect that the Ph.D. Degree has been awarded in accordance with the provisions of the UGC (Minimum standards and procedure for award of Ph.D. degree) Regulations.
- 10.4 Based on the verdict of the Board of Examiners at the Viva-Voce and on recommendation of the RDC, the University Research Board (URB) shall approve the conferment of the Doctoral Degree on candidate during the next Convocation.

- 10.5 Those who cannot attend the convocation may receive the degree by post on paying the required fee. Ph.D. degree by post shall be made only after the convocation has been held.
- 10.6 If there is a proven case of plagiarism within three years after the official convocation, the RDC reserves the right to recommend to the University Research Board (URB) to revoke the Doctoral Degree. Such a decision shall be taken only by the Vice-Chancellor on the specific recommendation of the University Research Board (URB).
- 10.7 The University Research Board (URB) shall direct the Registrar to provide a provisional degree certificate to the successful candidates and such a certificate shall lapse on the date of the Convocation when the Doctoral Degree shall be awarded.
- 10.8 In case University Research Board (URB) is not likely to meet in near future or the result of the candidate is getting delayed, then Vice-Chancellor can empower the Registrar for notification of the results of the student(s). The same has to be then ratified by the URB as and when it meets afterwards.

This ordinance shall come into existence with effect from academic session 2021-2022 onwards.