

# ORDINANCES & REGULATIONS

*for*

## The Degree of DOCTOR OF PHILOSOPHY



**NATIONAL INSTITUTE OF TECHNOLOGY  
(DEEMED UNIVERSITY)  
KURUKSHETRA-136119**

**2005**

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## ORDINANCES & REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

### PREAMBLE

National Institute of Technology (NIT) (Deemed University), Kurukshetra offers postgraduate programmes leading to the award of Ph.D. degree through its Departments. The award of Ph.D. degree is in recognition of high academic achievements, quality research and application of knowledge to the solution of technical and scientific problems in Science, Technology, Humanities & Social Sciences.

The institute also encourages research in interdisciplinary areas through a system of co-supervision and provides excellent opportunities for such programmes. The institute also undertakes sponsored research and development projects from industrial and other organizations in the public as well as private sector.

It is desired that the research work be an original work characterised either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of equipment making a distinct advance in instrument technology. It shall evince the candidate's capacity for critical examination and sound judgement and shall represent original contribution to the existing knowledge.

### ORDINANCES

#### 1. DEFINITIONS

- (i) **“DRC”** shall mean Department Research Committee.
- (ii) **“Applicant”** shall mean an individual who applies for admission to the Ph.D. programme of the National Institute of Technology, Kurukshetra on a prescribed Application Form.
- (iii) **“BOS”** shall mean the Board of Studies of the National Institute of Technology, Kurukshetra.
- (iv) **“Candidate”** shall mean a person registered for the Ph.D. Degree and who has successfully completed the requirements.
- (v) **“Caretaker Supervisor”** shall mean a member of the academic staff appointed to look after the candidate's research interests in the absence of the Supervisor and after the submission of the thesis.

- (vi) **“Co-Supervisor”** shall mean an additional supervisor approved by the BOS on the recommendation of Department to help in the accomplishment of the research work of the candidate.
- (vii) **“DAc”** shall mean the Dean Academic.
- (viii) **“Degree”** shall mean the Degree of Doctor of Philosophy (Ph.D.) of the National Institute of Technology, Kurukshetra.
- (ix) **“Educational Institution”** shall mean those colleges which offer Bachelor’s Degree or higher.
- (x) **“Full-time Research Candidate”** shall mean a person registered for the Ph.D. Degree devoting full time for completing the degree requirements.
- (xi) **“Institute”** shall mean the National Institute of Technology, Kurukshetra.
- (xii) **“Institute Research Candidate”** shall mean a person registered for the Institute Ph.D. Degree as a full time research candidate.
- (xiii) **“Minimum Registration Period”** shall mean the minimum period for which a candidate must be registered.
- (xiv) **“ORG”** shall mean PSU/ Govt. deptts./ R&D units.
- (xv) **“Part time research Candidate”** a person who is registered for the Ph.D. degree and will devote part of his/her time towards this pursuit and devote part of time towards the discharge of his official obligations.
- (xvi) **“Registration Period”** shall mean the length of time span commencing with the date of initial registration at the Institute on full-time basis.
- (xvii) **“Residency”** shall mean the minimum period for which a candidate must attend the institute on full-time basis.
- (xviii) **“Sponsored Research Candidate”** shall mean a full time research candidate except that he/she receives complete financial support from the sponsoring organization/ his (her) employer.
- (xix) **“Supervisor”** shall mean a member of the academic staff of the Institute approved by BOS on the recommendation of Department/ Centre to guide/supervise the research/ academic work of the candidate.

**NOTE:** ‘He’ & ‘His’ imply ‘he’/ ‘she’ and ‘his’/ ‘her’ respectively.

2. **0.1** The minimum entry qualification for admission to the Ph.D. programme shall be:  
A Master’s degree in Engineering/ Technology/ Science/ Humanities and Social Sciences/ Management or any other equivalent qualification recognised by the Institute.
- 0.2** A candidate registered for the Ph.D. programme shall be required to satisfy a minimum registration period requirement, as laid down in the Regulations
- 0.3** A candidate shall be required to work at the Institute, under the guidance of approved supervisor(s). In special circumstances, a full-time candidate may be permitted by the BOS to carry out his research outside the institute.

- 0.4** A candidate will be required to complete all the requirements for the award of the degree within a period specified in the regulations
- 0.5** The date of initial registration shall normally be the date on which the student formally registers and deposits the fee for the first time in the beginning of a Semester for the Ph.D. programme, which shall also be the date of his joining the programme for all the intents and purposes.
- 0.6** For a student to become a candidate for the degree, he shall have to satisfy the requirements as laid down in the Regulations and be accepted by DRC.
- 0.7** For the purpose of minimum residential requirement in the case of change of status from full-time to part time, the time spent as full time will be taken into account.
- 0.8** If a candidate withdraws from his Ph.D. programme or his registration is terminated, his candidate status ceases.
- 0.9** The award of the Ph.D. to an eligible candidate shall be made in accordance with the Regulations of the Institute.

## **REGULATIONS**

The following Regulations shall apply to all categories of candidates pursuing courses of study and research leading to the Ph.D. degree:

### **R.1 CLASSIFICATIONS**

**R.1.1** The applicant for admission to the Ph.D. programme shall be classified under any one of the following categories which will be decided and recommended by DRC.

#### **(i) Full-time Research Candidate:**

##### **a) Institute Research Candidate**

Institute Research Candidate getting Institutional Fellowship, if available

##### **b) Govt./Semi Govt. Fellowship Awardee (QIP, CSIR, UGC, DAE, DST, DBT, etc.)**

Research scholars receiving fellowship and contingency grants from outside organizations such as CSIR, UGC, QIP, DST, AICTE etc.

##### **c) Sponsored Candidates**

An employee of a Government Department/Organization/Industry/Institution, with a minimum of two years relevant working experience duly sponsored by employer for the period of study. Such candidates will be considered for admission only if concerned DRC accepts the scholarship.

##### **d) Self-financed (Indian/ Foreign)/ Study Leave/ College Teacher**

- Indian: Indian national
- Foreign: Foreign nationals admitted through Embassy of the respective Govts. after getting approval from the Ministry of External Affairs and no objection certificate from the Ministry of Human Resources Development, Department of Education, Govt. of India or admitted under an MoU.

- Study Leave: Candidates on study leave from other organizations/institutions for a period of not less than two years for pursuing Ph.D. programme.

**e) ICCR Awardees (Foreign Students)**

Candidates sponsored by their Governments and awarded scholarship by ICCR, Govt. of India. Such Candidates shall apply for admission through Indian Embassy in their country.

**ii) Part-time Research Candidate:**

**f) Institute Faculty/ Staff**

The permanent employees of the Institute/Educational Institutes/ORG with more than 2 years of service and are admitted to the Ph.D. Programme. Such candidates will work for their Ph.D. Programme in addition to their normal duties.

**g) Project Staff**

Persons working on various projects undertaken by the Institute where Ph.D. registration is not a requirement but are admitted to Ph.D. programme. Such Candidates will work for their Ph.D. Programme in addition to their normal duties and their Ph.D. programme should be related to their project work.

**h) External Candidates (Sponsored)**

The candidates sponsored by Institutions/organizations and pursuing research work in their parent organization by taking supervisor from the Institute and other from parent organization.

**R.2. CONSTITUTION OF DEPARTMENTAL RESEARCH COMMITTEE**

The DRC shall consist of:

- (i) Chairman of the Department
- (ii) All Professor of the Department
- (iii) Three Assistant Professors of department by rotation provided they are Ph.Ds. The term of Assistant Professors will be 2 years.
- (iv) Supervisor(s) of the candidate

**R.3 ELIGIBILITY**

**R.3.1 Educational Qualifications**

An applicant possessing the following qualifications in appropriate areas shall be eligible to apply for admission for Ph.D. programme of the Institute.

Masters degree in an appropriate discipline or equivalent with a minimum Cumulative Grade Point Average (CGPA) of 6.75 on a 10 point scale or equivalent as determined by the Institute wherever Letter Grades are awarded; or 60% marks in aggregate (of all the years/semesters) where marks are awarded.

### **R.3.2 Admission of Institute of Faculty/ Staff**

A member other than teaching faculty of the Institute who satisfies eligibility qualifications may be considered for admission to the Ph.D. programme as a part time student provided he/she has been given administrative clearance by the Director.

### **R.3.3 Eligibility for Part-time Ph.D.**

- a) the applicant possesses the minimum entry qualifications (R.3.1).
- b) the applicant proves to the satisfaction of the BOS that his/her official duties permit him to devote sufficient time to research;
- c) facilities for pursuing research are available at the applicant's place of work in the chosen field of research;
- d) he/she will be required to reside at the Institute for a period of not less than 6 months after his/her registration for the degree. (This condition of minimum residence period will be automatically waived off for candidates who are working in Kurukshetra or in ORG/ Educational Institutions located within a radial distance of 200 Km from the Institute).

### **R.3.4 Eligibility for Institute Fellowship to teachers of Engineering/ Science colleges**

The faculty of Engineering/ Science Colleges may be considered for the award\* of Institute Fellowship for pursuing Ph.D. Programme at NIT, Kurukshetra subject to the following terms and conditions:

- (a) The concerned faculty member of the Engineering/ Science College must be sponsored by their respective Institutions to pursue the Ph.D. Programme at NIT, Kurukshetra.
- (b) The sponsored faculty member of the Engineering/ Science Colleges should satisfy the eligibility as per R.3.1.
- (c) The number of Fellowship should be within the sanctioned limit of a particular Department.
- (d) The DRC should examine each case on merit before making recommendations to the DAc for the award of Institute Fellowship.

\* Subject to availability of such fellowships

### **R.3.5 Relevant Documents in support of eligibility for the concerned categories.**

## **R.4 RESERVATION/ RELAXATION**

**R.4.1** Fifteen percent (15%) fellowships (of the total sanctioned Institutional fellowships) shall be reserved for Scheduled Caste applicants and 7.5% for Scheduled Tribe applicants in each of the categories of Research Candidates. A total of 3% fellowships, over and above the sanctioned strength, will be reserved for physically handicapped applicants in all the Ph.D. programmes of the Institute put together.

**R.4.2** For the SC/ST/physically handicapped applicants, the eligibility requirement of CGPA may be relaxed to 6.25 on a 10 point scale or equivalent, or to 55% marks.

**R.4.3** Applicants with master's degree in English, seeking admission to Ph.D. English, eligibility equivalent of CGPA may be relaxed to 6.25 on a 10 point scale or equivalent or to 55% marks.

## **R.5 SHORTLISTING**

- (a) The short listing of applicants for the purpose of admission test/ interview will be done by the DRC of concerned department.
- (b) The DRC of the concerned department may set the shortlisting criteria, if considered necessary, higher than the minimum eligibility defined above.
- (c) The basic guidelines/ instructions for short listing will be issued by the DRC with a copy to Director.

## **R.6 REGISTRATION**

**R.6.1** Every candidate will be deemed to have been registered on completion of admission for the 1<sup>st</sup> semester of the course. Every candidate will be required to renew the registration every semester till the submission of the thesis. The renewal of registration every semester shall be subject to satisfactory progress in his/her research work as recommended by DRC.

### **R.6.2 Time Period Requirement for Submission**

- a) The minimum period of registration shall be 24 months for a full time candidate and 36 months for a part time candidate.
- b) The candidate of all categories shall normally submit their thesis within a period of five years from the date of their initial registration for the Ph.D. Programme. However, as a special case, this limit may be extended up to a maximum period of seven years by the Director after which the registration shall stand cancelled automatically.
- c) Notwithstanding above, the senate may relax the conditions under (a), (b) above in exceptional circumstances and in individual cases, as per the recommendations of DRC and BOS.

## **R.7 THESIS SUPERVISOR(S)**

**R.7.1** Every registered candidate shall be assigned a Research Supervisor(s) by the Department as per preference of the candidate, subject to approval of DRC & BOS.

**R.7.2** Supervisor(s) can be any full-time faculty member of the Institute with a Ph.D. degree.

**R.7.3** The Director on the recommendations of the DRC, may appoint more than one Supervisor(s) not exceeding a total of three. These may be from inside or outside the Institute and normally, there should not be more than two supervisors from within the Institute. Appointment of any other Supervisor(s) would not be made after the lapse of 18 calendar months from the date of initial registration of the candidate. However, if appointed, he will be designated as co-supervisor.

### **R.7.4 Appointment of Supervisors and Caretaker Supervisor for Ph.D. students**

A faculty member appointed as Ph.D. supervisor is normally expected to be available to a research candidate in the Institute till the thesis is submitted. However, under unavoidable circumstances, such as: long leave of more than 12 months; resignation; retirement; or death; a supervisor may not be available to the scholar. In such special cases, appointment of supervisor(s) will be regulated as under:

**R.7.4.1 A Supervisor proceeding on long leave of more than 12 months.**

- (i) Where more than one supervisor exists, the supervisor proceeding on leave can continue to be a supervisor.
- (ii) Where only one supervisor exists, another supervisor may be appointed by the DRC in cases where a candidate has not yet submitted his/her synopsis.
- (iii) If the thesis/synopsis of the thesis has been submitted before the supervisor proceeds on leave, he/she will continue to be the supervisor and only a caretaker supervisor will be appointed.
- (iv) Further, if major revision becomes necessary, and the sole supervisor is on leave, he/she should be asked to specifically state whether he/she would effectively help the student carrying out the major revisions within a reasonable period. In case the sole supervisor expresses his/her inability due to one reason or the other, the caretaker supervisor, if he/she provides the required help in carrying out the major revision, will automatically be treated as a co-supervisor of that candidate.
- (v) If a supervisor proceeds on leave for a period less than 12 months initially, but later extends his/her leave beyond 12 months, the above procedure (i-iv) will be followed. The extension granting authority will inform the DRC/BOS accordingly.
- (vi) If the supervisor proceeds on leave for more than 24 months he/she will cease to be supervisor.

**R.7.4.2 A Supervisor retires**

A faculty member who is due to retire within the next two years can be appointed as a supervisor and can continue to be the supervisor even after his/her retirement provided the Director is convinced of his/her availability/continued guidance to the student. In other cases, a faculty member on retirement may continue as a supervisor, if reemployed or appointed Emeritus Fellow; or, if the synopsis of the thesis has been submitted. Appointment of another Supervisor, if necessary, will be as per Clause R.7.4.1.

**R.7.4.3 A Supervisor resigns**

A new Supervisor will be appointed, if necessary, as per Clause R.7.4.1.

**R.7.4.4 A Supervisor expires**

A new Supervisor will be appointed, if necessary.

**R.7.5 The maximum number of students which can be supervised by a faculty member at any time at NIT, Kurukshetra will be as under:**

Professor-04, Assistant Professor-03, Lecturer-02

**R.8 COURSES AND CREDITS**

The Candidate shall have to meet the requirements of courses and credits as decided by the Senate time to time.

## **R.9 COMPREHENSIVE EVALUATION**

**R.9.1** Each candidate will be required to take a comprehensive examination after admission & registration which will test candidate's comprehensiveness of his/her broad field of research and his/her academic preparation and potential to carry out the proposed research plan. The comprehensive evaluation may be a combination of written and oral examination and may be separately conducted before evaluation of the research proposal. The examination will be conducted by a DRC, of the concerned department.

**R.9.2** The following procedures is to be uniformly followed by all the Departments in conducting the comprehensive evaluation of Ph.D. candidates.

- (a) The written examination should be conducted by the DRC within the specified guidelines.
- (b) The result of the written examination should be declared within two weeks as passed/failed.
- (c) After the student has passed the written examination, the oral examination should be conducted by the DRC of the candidate within the broad guidelines.
- (d) After passing in the oral examination, research proposal will be evaluated by DRC through seminar.

**R.9.3 (a)** Written and oral examination

If a candidate fails in written/oral examination, he/she has to reappear in examination after a period specified by DRC.

(b) Research Plan

In case research plan is not approved by DRC, the candidate will have to improve the research plan as per the suggestion of DRC and get it reevaluated.

**R.9.4** A student will be provided a maximum of two attempts to pass the comprehensive evaluation.

**R.9.5** All candidates must qualify the comprehensive evaluation between 3-12 months, failing which their registration will be cancelled.

## **R.10 PERFORMANCE MONITORING**

**R.10.1** The academic/research progress of each candidate will be monitored by DRC. For this purpose, each candidate will be asked to submit a progress report at the end of each semester to Chairman-DRC through Supervisor(s).

**R.10.2** The Chairman-DRC in the Department will be coordinating collection of progress reports written and signed by the candidate and forwarded by the supervisor(s) every semester.

**R.10.3** The Supervisor(s) and DRC will evaluate the progress report of the candidate.

**R.10.4** If the progress is 'unsatisfactory' a warning would be issued to the candidate. Subsequently, the fellowship (in case of regular scholar) of the candidate would be withheld, if approved so by BOS, Director. The candidate may be given two chances to improve upon the progress.

**R.10.5** The cases where some action is required will be reported to Director.

## **R.11 SEMINAR/ SYNOPSIS/ PANEL OF EXAMINERS**

### **R.11.1 Seminar**

- a) DRC shall assess the work of candidate through a pre-synopsis seminar which will be held not earlier than the 18 months for full-time and 24 months for part-time candidates from the date of passing comprehensive evaluation.
- b) The candidate will submit the synopsis only on the satisfaction of quality of the work.
- c) Details of the pre-synopsis seminar shall be notified well in advance so as to enable. The interested staff members and students to attend it.

### **R.11.2 Synopsis**

- a) The synopsis should be submitted normally within 2 months after the presentation of pre-synopsis seminar. In case the synopsis is not submitted in the specified period, the student may be asked to present another pre-synopsis seminar.
- b) The students shall submit the synopsis of his/her work normally at least one month before submitting the thesis.
- c) On completion of the research work the candidate shall submit to DRC through supervisor(s), 8 copies of the synopsis. The DRC will forward the synopsis with its recommendations to the DAC
- d) The candidate shall be required to submit fresh synopsis if he/she fails to submit his/her thesis within 8 months of the submission of the earlier synopsis. However, in case a candidate fails to submit his/her thesis within the stipulated time and has suitable justification for the same, the Director may on recommendations made by the DRC and on individual merits of each case grant his/her extension in time by not more than two months, i.e. the candidate may be allowed to submit his/her thesis within a period normally not exceeding 10 months from the date of the submission of the synopsis. However, the thesis should be submitted within the prescribed time limit as per regulations and approved by BOS.

### **R.11.3 Panel of Examiners**

- a) A panel of at least ten external experts in the area of the Ph.D. thesis would be suggested by the Supervisor(s) and recommended by the DRC while forwarding the title and synopsis of the thesis. The panel so recommended may include the examiners from outside India. The recommended panel will be considered and approved by BOS.

## **R.12 BOARD OF EXAMINERS**

- R.12.1** On receipt of the title and synopsis of the thesis, the Director will appoint a Board of Examiners for each candidate from the list approved by the BOS. The Board will consist of one internal examiner, normally the Supervisor as recommended by DRC & BOS and two external examiners, who shall be experts in the subject of the thesis. These external examiners shall be chosen normally from the panel of examiners recommended and approved by the DRC and BOS as aforesaid. A person working in the same laboratory (ies)/ Institution(s) where Research Candidate is employed cannot, however, be appointed as External Examiner for evaluating the Thesis of that Research

Candidate. Further no person can be appointed as External Examiner from Laboratory/Institution to which the Co-Supervisor(s) of the Research candidate belongs.

### **R.13 THESIS SUBMISSION**

**R.13.1** The candidate will submit the thesis alongwith the prescribed evaluation fee.

**R.13.2** The thesis shall be written in English and shall contain a critical account of a candidate's research. It should be characterised by discovery of facts or fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development or a combination of these. It should bear evidence of the candidate's capacity for analysis and judgement as well as ability to carry out independent investigation, design or development.

No part of the thesis or supplementary published work, shall have been submitted for the award of any other degree or diploma.

**R.13.3** A candidate may submit his/her thesis within the time period as stipulated in regulations provided that he/she has completed the minimum period of registration.

**R.13.4** The candidate for the degree shall submit four unbound copies of the thesis with a soft cover.

### **R.14 THESIS EVALUATION**

**R.14.1** Each examiner will be requested to submit to the Controller of Examinations a detailed assessment report and his/her recommendation on the prescribed proforma within six weeks of the date of receiving the thesis.

**R.14.2** In the event of the thesis report not being received from an examiner within a period of three months, the Director may appoint another examiner in his/her place for evaluating the thesis from the approved list of examiners.

**R.14.3 (i)** Examiners will examine the thesis individually with a view to judge that the thesis is a piece of research work characterised by:

- a) The discovery of facts, or
- b) A fresh approach towards interpretation and application of facts or theories, or
- c) A distinct advancement in technology.

**(ii)** The examiner will be required to give his/her opinion about candidate's capacity for critical examination and sound judgement. Each examiner will submit the reports on the prescribed form clearly stating that:

- a) The thesis is recommended for the award of Ph.D., or
- b) The thesis is recommended for the award of Ph.D. Degree subject to the candidate giving satisfactory answer to queries specifically mentioned in the report at the time of Viva-Voce examination, or
- c) The candidate be allowed to resubmit his/her thesis in the revised form, or

- d) The thesis be rejected.
- (iii) a) If all the three examiners recommend acceptance of the thesis, their recommendations shall be accepted.
- b) If two of the three examiners recommend resubmission under (c) above, their decisions would be accepted. In such an event candidate may, however, be allowed to submit the thesis normally within one year, provided the title of the thesis remains unchanged. Normal procedure will be followed for the evaluation of the thesis.
- c) If one of the examiners recommends rejection, the comments made by the examiners be sent to the examiner and his/her clear verdict sought. The examiner may then recommend acceptance, rejection or revision of the thesis.

In case the thesis is accepted, sub-clause (a) above will be applicable. In case recommendation for revision, sub-clause (d) below will apply. However, if the examiner still recommends rejection, a fourth examiner would be appointed from the panel of the examiner already approved by the Director. In such cases sub-clause (e) will apply.

- d) In case one examiner recommends revision of the thesis, the thesis would be revised normally within one year, if the candidate so desires. The revised version of the thesis would be sent to all the examiners for their recommendations.

If the candidate does not agree for revision, he/she may ask for appointment of the fourth examiner under sub-clause (e) below:

- e) The new examiner if appointed, shall be Indian or Foreign depending on whether the thesis was rejected by an Indian or a Foreign examiner in the first instance. The reports of all the examiners will be sent to him/her without revealing the identity of the examiners, along with the response of the candidate, if any, to these. The thesis shall be deemed to be acceptable if three out of four examiners recommended acceptance.

If the fourth examiner recommends revision, the thesis would be suitably revised and resubmitted normally after 3 months and sent for examination to all the examiners except the one in whose place the fourth examiner was appointed.

In case the fourth examiner recommends rejection and the same is not accepted by the candidate, the thesis would be rejected. The candidate may then avail the benefit of sub-clause (b) above.

- f) If two of the three examiners recommend revision of the thesis, the candidate may revise the thesis accordingly and resubmit it normally within a period of one year for the evaluation by the same set of examiners.
- g) The correspondence regarding (c), (d) and (e) above will be done by the DAc.
- h) If one examiner recommends rejection and other examiner recommends revision of the thesis, the candidates may revise the thesis and resubmit it

normally within a period of one year for revaluation by the same set of examiners.

- (iv) Any doubt arising out of the procedure laid down above shall be referred to the Director for a decision.

## **R.15 RESUBMISSION**

In case of resubmission of the thesis, a fresh fee for the examination shall be paid by the candidate.

## **R.16 VIVA-VOCE EXAMINATION**

**R.16.1** If the thesis is recommended for the award of degree, the candidate shall be required to defend his/her work/thesis orally (viva-voce examination) before a committee of examiners comprising of one internal and one external examiner. The questions/queries specified by the thesis examiners in their report shall be intimated to the candidate through his/her supervisor at least one week period to the conduct of the viva-voce examination. Details of the viva-voce shall be adequately notified so as to enable interested staff members and students to attend it.

**R. 16.2(i)** In case of non-availability of the Indian External Examiner for conducting the viva-voce examination, the Director may appoint alternate examiner to conduct the viva-voce examination from the existing panel.

If need be, the DRC may suggest a fresh panel of examiners.

- (ii) The viva-voce examiners shall be provided with the reports of the examiners before the viva-voce examination.
- (iii) Internal examiner shall arrange for the viva-voce examination of the candidate as early as possible.
- (iv) In case of the inability of the internal examiner to have the viva-voce examination conducted due to any reason whatsoever, the Director may appoint another Internal Examiner from amongst the faculty of the department concerned who belongs to the particular field in consultation with DRC and Chairman of the Department concerned to conduct the viva-voce examination. In such cases also, the Ph.D. work will be deemed to have been carried out under the guidance of the supervisor(s) only.
- (v) After the viva-voce examination, both the examiners will prepare a detailed joint report giving one of the following recommendations.
  - (a) recommended for award of degree
  - (b) that thesis be resubmitted after a minimum period of six months incorporating the suggestions of the examiners.
  - (c) not recommended for award of degree
- (vi) Any other matter not explicitly provided herein or of an exceptional nature, may be referred to the Director for his/her decision.

**R.17****AWARD OF Ph.D. DEGREE**

**R.17.1** On the completion of all stages of the examination, a committee consisting of Director, Dean Academic and Chairman of the Department concerned shall examine the reports of all the examiners (thesis and viva-voce) and decide as under: -

- (a) that the degree be awarded;
- (b) that the degree shall not be awarded. The thesis will be rejected on the conclusion that the thesis is not genuinely the work of the candidate.

In case of (a) and (b), the Committee shall also provide to the candidate a list of all corrections and modifications in the thesis (if required) including suggestions made by the examiners during the thesis evaluation and the result of the candidate will be declared after the candidate submits two copies of the corrected thesis.

**R.18****FINANCIAL ASSISTANCE (Institutional Fellowship)**

**R.18.1** Those candidates who are admitted on full-time basis are considered on request, for the award of Institutional Fellowship of the amount as decided by the Board of Governors and directed by the Government of India from time to time.

The students getting Institutional Fellowship will provide 8 hrs of teaching assistance per week.

**R.18.2** In addition, the students will be given contingency grant in accordance with the rules of the Institute.

It is to be noted that admission to the Programmes and award of fellowship are not linked. Admission to any programme does not guarantee the award of fellowship. Those who are not awarded fellowship can continue with the programmes as a self-financing candidate.

The Institute may provide fee waiver subject to the final approval of Director on the recommendation of DRC & DAc

**R.19****LEAVE AND ATTENDANCE**

A candidate is entitled to avail leave as per Leave and Attendance Rules formulated and amended from time to time by the Senate. Presently these are as under:

During Course work: A full-time Ph.D. candidate during his/her stay at the Institute will be entitled to leave for 30 days including leave on medical grounds, per academic year. He/she will not be entitled to mid-semester breaks, summer and winter vacation.

Leave beyond 30 days in an academic year may be granted to a Research Scholar in exceptional case, by the Chairman of the Department concerned, subject to the following conditions:

- (i) the leave beyond 30 days will be without Assistantship/ Scholarship; and
- (ii) such an extension of leave upto additional 30 days will be granted only once during the programme of the scholar.

- (iii) The leave may be subject to the approval of the Chairman of Department concerned on the recommendation of the Supervisor; and a proper leave account of each candidate shall be maintained by the Department concerned.
- (iv) The women research candidate will be eligible for Maternity Leave fellowship once during the tenure of the award.

## **R.20**

### **CANCELLATION OF REGISTRATION**

**R.20.1** Registration of a candidate shall be cancelled in any one of the following eventualities, after due approval of Director.

- (i) if he/she absents himself for a continuous period of four weeks without prior intimation/ sanction of leave.
- (ii) if he/she resigns from the Ph.D. Programme and the resignation is duly recommended by the Supervisor.
- (iii) if he/she fails to renew his/her registration within 4 weeks of the start of the semester as per provision contained in these Ordinances & Regulations.
- (iv) if his/her academic progress is found unsatisfactory.
- (v) If he/she does not clear the comprehensive evaluation as stipulated.
- (vi) If he/she is found involved in an act of misconduct and/or indiscipline and termination has been recommended by a competent authority.

## **R.21**

### **GENERAL**

**R.21.1** Notwithstanding anything contained in these Ordinances & Regulations, all categories shall be governed by the rules and procedures framed by the senate in this behalf, and in force from time to time.

**R.21.2** Any doubt or dispute about the interpretation of these Ordinances and Regulations shall be referred to the Director whose decisions shall be final.

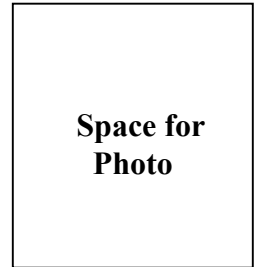
**R.21.3** Eligibility for admission to Ph.D. programmes in different disciplines may be reviewed from time to time by the concerning department and approved by the Senate.

**R.21.4** All exceptions and issues not covered above may be decided by a committee consisting of Director, Dean Academic, Chairman of the Department concerned and supervisor of the candidate concerned subject to subsequent ratification by Senate.

**NATIONAL INSTITUTE OF TECHNOLOGY  
(DEEMED UNIVERSITY)  
KURUKSHETRA-136119**

Sr. No.....

**APPLICATION FOR ADMISSION TO THE DEGREE OF  
DOCTORATE IN PHILOSOPHY (Ph. D.) COURSE.**



To  
The Chairman,  
Department of .....  
National Institute of Technology,  
Kurukshetra

Sir/Madam,

I hereby apply for admission as a research candidate to the Ph.D. Course in the Department of .....National Institute of Technology, Kurukshetra and submit the following particulars in support of my application. I have read the Ordinance & Regulations for this course and undertake to abide by it and also the amendments/ additions made therein from time to time. I hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief and I authorise the Institute to take any action against me in the event of any information given by me in this application having been found false or incorrect subsequently.

Yours faithfully,

Signature of Candidate

Place.....

Dated.....

(Particulars to be filled by the Candidate)

1. Name (in block letters) Mr./Mrs./Miss.....
2. Father's Name.....
3. Date of Birth (as given in Matriculation Certificate).....
4. Registration No.....(if already registered with Institute)
5. Permanent Address.....
6. Local Address.....
7. Whether belong to Scheduled Caste /Scheduled Tribe/Physically Handicap Category?
8. Academic Qualification: -

Examination Passed	Name of the University/Institute	Year	Roll No	Max. Marks	Marks/ Grade Obtained	% age of Marks	Discipline/ Specialization
Bachelor Degree							
Master's Degree							
National Test/ GATE/NET etc.							

Title of Dissertation, if any.....

9. Have you ever been disqualified or punished (state Yes/No).....  
if so, Class /Examination.....Session/Year..... Name of the  
University..... And punishment awarded.....
10. Proposed area of research.....
11. Proposed Supervisor(s) & their affiliation.....
12. Details of previous research experience, if any.....
13. Details of publications, if any (Attach copies) .....
14. If employed,  
  - (a) Name of employer.....
  - (b) Nature of work (Teaching/other).....
  - (c) Total experience..... year..... months.....

**CERTIFICATE TO BE SIGNED BY THE HEAD OF THE INSTITUTION / EMPLOYER IN CASE  
THE CANDIDATE IS EMPLOYED**

I do hereby certify that the application of the above mentioned candidate, who has been serving in the Institution/ department as (designation) .....since.....on regular/temporary basis....., is being made with my consent and permission. I further certify that the post on which he is working here is a teaching/Non-teaching post.

Place.....  
Dated.....

Signature of the Head of the  
Institution/Employer with seal.

Note: - The candidate is required to submit one attested photocopy of each certificate/degree with the application form.

1. Matriculation certificate.
2. Bachelor's Degree and Mark Sheet.
3. Master's Degree and Marks Sheet.
4. Valie GATE/NET (Grade Card).
5. Migration certificate (in the case of a student coming from other University/Institute).
6. No-Objection-cum-Service Certificate from the employer (in case the candidate is employed).
7. Scheduled Caste/Scheduled Tribe/Physically Handicapped.
8. Nature of employment, Research experience, publications and other related details.

**ON INDIA GOVERNMENT SERVICE  
REGISTERED BOOK PACKET**

To

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\_\_\_\_\_ PIN \_\_\_\_\_

From:

**The Director,  
National Institute of Technology,  
Kurukshetra – 136 119  
(Haryana)**

**Printed at Examination Cell, National Institute of Technology, Kurukshetra**