

Ph.D. REGULATIONS
(With effect from Academic Year 2024-25)



NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA 136119 HARYANA
(An Institution of National Importance)

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1. INTRODUCTION

The Doctor of Philosophy (Ph.D.) Programme is offered by the following Departments / Schools in the related areas of specializations.

- Department of Civil Engineering
- Department of Electrical Engineering
- Department of Electronics and Communication Engineering
- Department of Computer Engineering*
- Department of Mechanical Engineering**
- Department of Physics
- Department of Chemistry
- Department of Humanities and Social Sciences
- Department of Mathematics
- Department of Business Administration
- Department of Computer Application
- School of VLSI Design and Embedded System
- School of Renewable Energy and Efficiency

*The department also runs the programme of Information Technology

**The department also runs the programme of Production and Industrial Engineering

The provisions contained in these Regulations shall also be applicable to any new Doctoral Research Programme, either by any of the departments, or even possibly as inter (multi) disciplinary Programme, that may be introduced from time to time.

2. DEFINITIONS

- (i) **“NITKKR”** shall mean the Institute i.e. National Institute of Technology Kurukshetra.
- (ii) **“Director”** Shall mean the Director of NITKKR
- (iii) **“Senate”** shall mean the academic Senate of NITKKR
- (iv) **“Research Scholar”** shall mean a person who is registered in the Ph.D. programme in any Department/School of NITKKR.
- (v) **“Part-time Research Scholar”** shall mean a research scholar who in addition to devoting time towards discharging the employment responsibilities also devotes time towards the pursuit of Ph.D. research programme.
- (vi) **“Full-time Research Scholar”** shall mean a research scholar devoting full time in Department / School at NITKKR towards the pursuit of Ph.D. research programme.
- (vii) **“Supervisor”** shall mean a member of the regular academic staff of NIT Kurukshetra, appointed by the concerned DRC/SRC to supervise the Ph.D. work of the research scholar.
- (viii) **“Co-Supervisor”** shall mean additional supervisor as appointed by the DRC / SRC. Co-supervisor from outside the Institute must have the academic qualifications and research credentials as prescribed for a Supervisor in the Institute.
- (ix) **“Caretaker Supervisor”** shall mean a supervisor appointed to look after the scholar’s research interests in the absence of the regular supervisor when the synopsis of the thesis has been submitted. The caretaker supervisor also must have the academic and research qualifications as prescribed for a supervisor.
- (x) **“Educational Institute”** shall mean those institutes which run full-time Bachelor’s or higher degree programmes.
- (xi) **“ORG”** shall mean a PSU / Government Department / R&D Unit.

- (xii) **“Registration Period”** shall mean the length of the time span for which a person remains a research scholar.
- (xiii) **“Minimum Registration Period”** shall mean the minimum period for which a research scholar must remain registered to complete the requirements for degree of Ph.D.
- (xiv) **“Degree”** shall mean the Degree of Doctor of Philosophy (Ph.D.) of NIT Kurukshetra.
- (xv) **“HoD”** shall mean Head of Department in which a Research Scholar is registered/proposes to register.
- (xvi) **“DRC/ SRC”** shall mean the Departmental/School Research Committee of a Department/School of NIT Kurukshetra.
- (xvii) **“SAC”** shall mean the Scholar Assessment Committee of the Research Scholar responsible for monitoring the semester progress.
- (xviii) **“BoS”** shall mean the Board of Studies of a Department/School of NIT Kurukshetra.

3. REGULATIONS

The admission in Ph.D. programme will be regulated by the regulations made and approved by the Senate from time to time.

R-1 CLASSIFICATION OF RESEARCH SCHOLARS

The research scholars shall be classified in the following manner:

(A) *On the basis of time devoted to the Ph.D. programme*

- (i) **Full-time** (ii) **Part-time**

(B) *On the basis of occupation*

- i) **Teacher**, a person serving as the faculty of a department of a teaching institute.
- ii) **Non-Teacher**, a person serving as non-teaching employee including officer cadre of any Institute/Department, Organization.
- iii) **Project staff**, a person working on a project undertaken by the Institute (NITKKR). The Ph.D. research domain of such a candidate should be related to the project work.

(C) *On the basis of country*

- i) **Indian**, a person holding valid Indian citizenship
- ii) **Foreigner**, foreign nationals admitted through the Embassy of the respective Governments, after getting approval from the Ministry of External Affairs and ‘No Objection Certificate’ from the Ministry of Education, Government of India or admitted under an MoU. A foreign national can be admitted by the Institute directly, if eligible, following the admission process as specified under R-3.

(D) *On the basis of financial assistance*

- i) **Self-financed**, the research scholar who does not receive financial support (scholarship/assistantship) of the Institute, or from any other source during the Ph.D. programme. The institute reserves the right for admission under this category.
- ii) **Fellowship / Scholarship Awardees (Refer to R-17 as well)**
 - (a) A research scholar getting Institute fellowship / scholarship.
 - (b) A research scholar receiving fellowship / scholarship from Government/Semi-Government agency such as CSIR / UGC / DOE / DST / DBT / NBHM/ INSPIRE etc.
 - (c) A research scholar receiving fellowship / scholarship from ICCR, Govt. of India or any institution of the Govt. of India.
 - (d) A research scholar receiving fellowship under an R&D project being carried out at NITKKR.

- (e) A research scholar receiving scholarship from any private entity including foreign university, trust or sponsoring agency.

R-2 ELIGIBILITY FOR ADMISSION

R-2.1 Educational Qualifications

(a) The candidate possessing the prescribed qualifications shall be eligible for admission to the Ph.D. programme of the Institute. The Degrees obtained through distance education programmes shall not be considered.

The academic programme as well as the University of qualifying degree must be recognized by AICTE /UGC. The academic programme of the autonomous Institutes established by the Parliament will not be required to have recognition of the UGC/AICTE. The degrees and academic programme of the Institute/University will be verified by the Academic Section before registration of the candidate in Ph.D. Programme.

Applicants who are in the final year of their Master's programme and whose result is not available on the last date of the application, may still apply in odd semester admissions subject to the condition that they should produce the result on or before 30th October of the year of admission failing which their admission to the Ph.D. programme shall stand cancelled. Academic Section will allow provisional admission to such candidates at the time of admission and notify cancellation within one month, in case the result is not submitted by the candidate on or before 30th October. This provision shall be applicable for odd semester admissions only.

(b) Minimum Qualification for Eligibility

A Master's Degree in Engineering/Technology/Sciences/Humanities and Social Sciences/Management or equivalent recognised by the Institute with a minimum Cumulative Grade Point Average (CGPA) of 6.5 on a 10-point scale or equivalent as determined by the Institute wherever letter grades are awarded in the qualifying degree, or 60% marks in aggregate where marks are awarded. The candidate having Master's Degree must possess full time Bachelor's Degree or equivalent in accordance with R-3.1(a) also with a minimum CGPA of 6.5 on a 10-point scale or equivalent as determined by the Institute wherever letter grades are awarded in the qualifying degree, or 60% marks in aggregate where marks are awarded.

OR

Full-time Bachelor's Degree in Engineering /Technology or equivalent with a minimum of 80% marks in aggregate or 8.5 CGPA on 10-point scale or equivalent.

Note:

- (a) Only primary mode of evaluation (CGPA or percentage) as mentioned in the qualifying degree certificate/mark sheet will be considered for verification of eligibility. Conversion from CGPA to percentage or vice versa given by individual Institute/University will not be considered.
- (b) For the SC/ST/PwD candidates, the eligibility requirement of marks/CGPA will be relaxed by 5% or by a CGPA of 0.5 (on a 10-point scale) at both the Bachelor and Masters level.

R-2.2 Additional Eligibility Conditions for Part-time Ph.D. Programme

- (i) **Regular Employees** working in R&D Organizations/Industries, National Laboratories, Government Organizations, Industries, PSUs, State Undertakings having MOU with NITKKR.
- (ii) **Regular Employees** of NITKKR working in any Department/School, Centre, Section and Cell of the Institute.
- (iii) **Regular Employees** of Educational Institutions either fully funded by Government or Government Aided Colleges/Institutes or maintained in the Public-Private Partnership (PPP) mode.

- (iv) **Regular Employees** working in Government Organizations/Industries that do not have MOU with NITKKR.
- (v) **Regular Faculty** of Private Academic Institutes with NIRF ranking below 200 at least once in last five years having sufficient facilities to carry out research at their place in the related research area.

All such candidates should have a minimum experience of one year which will be counted from the date of joining in the sponsoring organizations to the last date of application in the Ph.D. programme. The candidate is required to produce the experience certificate at the time of interview by the respective DRC/SRC. **Minimum qualification for these candidates will be the same as for the Full-time candidates.**

R-2.3 NOC for Part-time Candidate

All **Part-time** candidates are required to submit a “**No Objection Certificate**” on the letterhead from the appropriate authority in the organization clearly stating the following:

- That the candidate is permitted to pursue the Ph.D. research work on a part-time basis.
- That the candidate’s official duties permit the candidate to devote sufficient time for research work.
- That the candidate will be sanctioned leave for sufficient duration for conduct of research work in case the research facilities are not available in the Institute/Industry/Organization.
- That his/her services with the Organization will be retained during the period carrying out the course work and research work at the NITKKR.

R-3 ADMISSION PROCESS

Applications for Ph.D. Programme are to be invited from Indian and foreign nationals in the prescribed format. Guidelines for the admission will be as under:

- (a) Reservation in full-time/regular Ph.D. seats in various categories will be made as per the norms of the Government of India amended from time to time. Such reservation in various categories will be implemented in all Departments/Schools on a rotational basis. **Academic Section will do this exercise before the beginning of new academic year, preferably in the month of March/April.**
- (b) Applications as received will be scrutinized by the DRC/SRC of the concerned Department/ School. After scrutiny, the list of all eligible candidates will be uploaded on the Institute website by the Office of the Dean (Academic).
- (c) All eligible candidates shortlisted for presentation and interview will be required to appear before the respective DRC/SRC, which will act as the Admission Committee, for a brief power point presentation on the related research area followed by an interview. The candidates who are called for presentation and interview may contact prospective supervisors in the Department/School.
- (d) All eligible candidates who are not exempted from the written test as per R-3.1 are required to appear in an objective type (MCQ) written test of PG level comprising two papers as mentioned below:
 - Paper-I*: Analytical skills, Reasoning, Aptitude: 30 marks; Duration: 30 minutes
 - Paper-II: Area of Research/ Specialization: 40 marks; Duration: 40 minutes
 Qualifying marks**: 40 % marks in each paper
 *Common to all Depts./Schools
 ** Relaxation as per latest Govt. of India norms

The written test will be conducted by the respective Department/School DRC/SRC (Admission Committee). Detailed guidelines for conducting the entrance test along with timeline will be provided by Office of Dean (Academic). However, the Admission

Committee must have representation of members for the SC/ST/PwD reserved seats as per rules of the Institute. Such member(s) will be nominated by competent authority and could be a faculty teaching in any department / school of the Institute. List of the qualified candidates in the written test will be uploaded on the Institute website by the Chairperson DRC/SRC with a copy to the Office of Dean (Academic).

- (e) DRC/SRC will evaluate the candidates and award the marks out of 30 (10 marks each for presentation, interview, and academic achievements).

Qualifying marks: 50% (15 out of 30 marks)**

** Relaxation as per latest Govt. of India norms

- (f) For the candidates exempted from the written test as per R-3.1, DRC/SRC will award marks out of 100 on the basis of their presentation and interview with DRC / SRC for inclusion in the merit list. For all other candidates the score will awarded on the basis of total score out of 100. Based on the total number of seats available, the respective DRC / SRC will recommend the merit list of candidates along with allocation of the seat in accordance with the advertisement and the respective allotted supervisor(s).

- (g) The respective DRC / SRC will also recommend the waiting list of candidates along with proposed allocation of the seat in accordance with the advertisement and the respective proposed supervisor(s).

- (h) Such allotment should take care of uniform distribution of full-time research scholars (including candidates from other Departments/Schools) among all eligible supervisors. Qualified research scholars working in Govt./R&D Org./Industry sponsored project/fellowship are to be supervised by the coordinating faculty/ Principal Investigator (PI), provided the faculty/PI is eligible to become supervisor.

In case of tie, merit list will be prepared on the basis of following criteria in order of preference:

1. Performance of the candidate in written test (if not exempted)
2. Percentage of marks in qualifying degree
3. Percentage of marks in undergraduate degree
4. Percentage of marks in 10+2
5. Percentage of marks in 10th
6. Seniority as per Date of Birth

- (i) After receiving the merit list as mentioned above, Office of Dean (Academic) will issue the admission letters to recommended candidates for joining the Ph.D. programme.

The respective HoD/School Co-ordinator will send joining reports of the respective research scholars to the Office of Dean (Academic).

R-3.1 Exemption from Written (entrance) Test

Following category of candidates shall be exempted from the written (entrance) test. However, they are required to appear before the DRC/SRC for presentation and interview subject to fulfilment of other prescribed norms in terms of the eligibility conditions.

(a) Part-time:

- (i) Regular employees of R&D Organizations, National Laboratories, Public/Private Industries/PSUs/ State Undertakings having an MoU with NITKKR and possessing First Division or 6.5 CGPA on 10-point scale or equivalent at M.Tech./PG level with minimum 5 years of relevant experience.

- (ii) Regular employees of NITKKR.

(b) Full-time on Institute Fellowship: Candidates with GATE (valid score)/valid NET-LS from UGC, CSIR etc.

(c) Full-time with Fellowship / Scholarship from some external funding agency with GATE (valid score)/valid NET-LS or JRF from UGC, CSIR etc.

R-4 CONSTITUTION OF DRC/SRC

The DRC/SRC shall consist of the following, provided each member qualifies to be a Ph.D. Supervisor:

- (i) HoD/School Coordinator*.
- (ii) All Professors of the Department/School.
- (iii) Three Associate Professors of the Department/School by rotation. The term of an Associate Professor will be two years. The changeover will normally be effective on 1st July of the year.
- (iv) Two Assistant Professors of the Department/School by rotation. The term of an Assistant Professor will be two years. The changeover will normally be effective on 1st July of the year.
- (v) Supervisors of the scholars, though they may not constitute regular members (unless covered under (i) or (ii) or (iii) or (iv)), but they will participate in DRC/SRC meetings when the cases of their respective scholars are taken up.

DRC/SRC constitution requires the approval of the Director as and when constituted. At least 50% of the total members should be present during the meeting proceedings of DRC/SRC. Minutes of all DRC/SRC meetings will be sent to the Office of Dean (Academic).

- (a) For the Departments of Applied Sciences/Business Administration/Computer Application, and the Schools, if the number of total members including Chairperson is less than five, then additional member(s) may be opted from other Departments/Schools, having requisite eligibility qualifications for Ph.D. supervision, for two years. They will be nominated by the Director.
- (b) For Engineering Departments, if the total number of members including Chairperson is less than seven, then additional member(s) may be opted from the allied Departments. They will be nominated by the Director.

Note: HoD/School Coordinator shall be the Chairperson of the DRC/SRC. If the HoD/School Coordinator does not qualify to be a Ph.D. supervisor, the senior most qualifying faculty member of the Department/School will act as the Chairperson of the DRC/SRC.

- (c) If the Chairperson of the DRC/SRC is not able to attend a DRC/SRC meeting due to compelling reasons, the senior most DRC/SRC member present in the meeting will act as Chairperson, DRC/SRC.
- (d) If the Co-supervisor of the research scholar is from outside NITKKR but from within the country, Co-supervisor will be invited for the DRC/SRC meetings whenever respective scholar's comprehensive, pre-synopsis seminar and final examination are conducted. In all such cases, no TA/DA /honorarium will be paid for this purpose. The Co-supervisor may join meetings through online mode.

R-5 THESIS SUPERVISOR(s)

R-5.1 Allotment of Supervisor

Every registered research scholar shall be assigned a Ph.D. thesis supervisor as approved by the DRC/SRC of respective Department/School under the following conditions:

- (a) Qualified research scholars working on Govt. sponsored /R&D Org. sponsored /Industry sponsored project are to be supervised by the Principal Investigator (PI) / Coordinating faculty, provided the PI / concerned faculty is eligible to become supervisor.
- (b) Full-time scholarship awardees of CSIR/UGC/DST/DBT/INSPIRE etc. may choose / opt for a supervisor as per their research field of interest since they have their own fellowship.

- (c) Departments/Schools will display the list of supervisors along with their research areas and availability for that academic year.
- (d) M.Tech specialization and preferred area of research of the candidate is to be taken into consideration for the allotment of supervisor.
- (e) A research scholar shall be assigned a maximum of two supervisors including internal (from NITKKR) and external (outside NITKKR) supervisors. Any person who is related to the candidate shall not be considered to act either as a supervisor or a co-supervisor. Further, such person shall not be considered for inclusion in the SAC of the student.
- (f) The individual department will formulate the guidelines for the allotment of supervisor(s) for the scholar with institute fellowship. However, the following guidelines are to be followed while allotting the supervisor to the scholars on institute fellowship.
 - (i) First priority should be given to the faculty having lesser number of research scholars on institute fellowship.
 - (ii) If any two or more faculty members are with the same number of Ph.D. students on institute fellowship, preference is to be given to the faculty with a senior scholar as the senior candidate is likely to complete the Ph.D. sooner.

R-5.2 Eligibility for Supervisor and Co-supervisor

- (a) Any permanent faculty* of the Institute having Ph.D. with a total of minimum five granted patents / research publications in refereed non-paid journals as per R-5.2 (b) can be appointed as Supervisor and with a total of minimum three granted patents / research publications in refereed non-paid journals as per R-5.2 (b) can be appointed as Co-supervisor, only on recommendations of respective DRC / SRC of concerned Department/School.
- (b) Research papers published/accepted in Refereed Non-paid SCI/SCIE/Scopus /Web of Science (excluding ESCI) indexed journals.
- (c) The Co-supervisor (see R-5.3 below) may be from either of the following:
 - (i) Permanent faculty* of NITKKR,
 - (ii) Permanent faculty* of CFTIs/Universities fully funded by central Government/PSUs/R&D organization/Industry duly incorporated in India, if eligible as per NITKKR rules and approved by DRC concerned,
 - (iii) Permanent faculty* from the Universities/Institutions in the top 500 QS/THE global ranking in any one of the previous three years,
 - (iv) Permanent faculty* from Institute/University having top 100 NIRF ranking in any of the categories in any one of the previous three years,
- (d) Co-supervisor from outside NITKKR must have the academic qualifications and research credentials as prescribed for a Supervisor in NITKKR
- (e) *Permanent faculty for this clause shall also include Assistant Professor Grade-II and/or other regular faculty on probation.

R-5.3 Provision of Co-supervisor (Needing Inter/Multidiscipline)

Depending on the problem statement of research work to be conducted, a research scholar may be assigned another supervisor who will be designated as co-supervisor under the following circumstances:

- (a) If there is request from the research scholar for allocation of co-supervisor, the justifications/reasons must be recorded for the necessity of the same by the DRC / SRC. Co-supervisor should normally be appointed prior to passing the comprehensive evaluation / approval of the research plan of the respective research scholar subject to approval of competent Authority.
- (b) Co-supervisor can be from any department of NITKKR, including parent department.
- (c) If Co-supervisor is from an organization other than NITKKR, then the co-supervisor shall submit NOC from appropriate authority in his/her parent organization on official letterhead to the Chairperson DRC/SRC and should be a recognized supervisor as per the NITKKR rules.

- (d) Eligible faculty members, who are to retire within 4 years, can be appointed as Co-supervisor only.

R-5.4 Appointment of Alternate Supervisor

Internal faculty member appointed as Ph.D. supervisor is normally expected to be available to the research scholar in the Institute till the thesis is submitted. The procedure for the appointment of alternate supervisor will be as under:

- (a) In case, the supervisor proceeds on leave for a period of up to 12 months, he/she will continue to act as supervisor (main or co-supervisor). However, if he/she is not interested, he/she will inform in writing to the Chairperson, DRC/SRC. Alternate supervisor / co-supervisor shall be appointed by the DRC/SRC in case he/she is the sole supervisor.
- (b) In case, the sole supervisor does not return in 12 months or proceeds on long leave (more than 12 months) to serve at a reputed Government laboratory / reputed research organization / reputed Institute or University or industry in India or abroad, DRC/SRC will appoint him/her as co-supervisor with the consent of the research scholar and the main supervisor. However, the status of main supervisor/co-supervisor will interchange, in case the main supervisor does not join back the Institute after 12 months.
- (c) In case of two internal supervisors, if one supervisor proceeds on long leave (more than 12 months) to serve at a reputed Government laboratory / reputed research organization / reputed Institute or University or industry in India or abroad, he / she may be allowed to act as supervisor/co-supervisor. However, the status of main supervisor/co-supervisor will interchange, in case the main supervisor does not join back the Institute after 12 months.
- (d) In case the research scholar has not submitted the synopsis/thesis and the sole supervisor either resigns or retires or is on long medical leave or expires, an alternate supervisor may be appointed by the DRC/SRC after discussion with the research scholar. A retired faculty shall remain as supervisor/co-supervisor for a period of one year if he/she so desires. If he/she is not interested in continuing, then he/she will inform in writing to the Chairperson DRC/SRC.
- (e) In case the research scholar has submitted synopsis or the thesis and sole supervisor either resigns or retires, or is on long medical leave or expires, an alternate supervisor may be appointed by the DRC/SRC as Caretaker Supervisor after discussion with the research scholar. In case of major revision, the caretaker supervisor will provide the required help during that period and he/she will be automatically treated as main supervisor.
- (f) If there are two internal supervisors and one of them resigns, retires or is on long medical leave or expires, then automatically the other will become the main supervisor.

R-5.5 Change of Supervisor

DRC/SRC may recommend the change of supervisor on the request of research scholar under exceptional circumstances. However, in such cases, the consent of both i.e. allotted supervisor and proposed supervisor shall be required. The request for change of supervisor may normally be entertained only before the conduct of comprehensive examination. However, if such request is made after the comprehensive examination, the candidate has to repeat the comprehensive examination, provided there is a change in research plan.

R-5.6 Maximum Number of Research Scholars for Faculty

At no point of time, there shall be more than eight research scholars, including scholars from outside NITKKR, being supervised by any faculty member. This number excludes Ph. D. research scholars who have submitted Ph. D. theses.

Faculty members are required to seek permission of the Office of Dean (Academic) for supervising the scholars registered outside the Institute before giving their consent to the outside Institute/University for Supervision of Ph.D. research scholars, and shall be counted in the list of research scholars under him/her.

The Institute Faculty members can be allowed to act as Co-supervisor in CFTIs/Central Universities/State Universities/Institutes. For Private Institutes/ Universities, the ranking of that Private University/Institute should be within 100 NIRF ranking in any one of preceding 03 years.

R-6 REGISTRATION

R-6.1 Registration Process

- (a) A candidate is deemed to have been registered on completion of the admission process for the 1st semester of the programme.
- (b) Every research scholar is required to deposit the fees and renew the semester registration in the prescribed form within the stipulated period till the submission of the thesis.
- (c) If a research scholar fails to register within the prescribed period of registration, he/she can be permitted to register by the Office of Dean(Academic) on the recommendation of DRC to register within 4 weeks of the last date of registration with an additional late fee. No registration shall be allowed beyond this.
- (d) The renewal of registration every semester shall be subject to the satisfactory progress of the research work made by the research scholar in the preceding semester as recommended by the DRC/ SRC. If the progress report of the research scholar is adjudged as unsatisfactory, the DRC / SRC may recommend provisional registration; however, such a chance can be allowed only once during the entire Ph.D. programme.

R-6.2 Time Period Requirement for Thesis Submission

- (a) The minimum period of registration for thesis submission shall be three years* and four years* for the full-time and the part-time research scholars, respectively for candidate who joined with a Master's degree.
- (b) Registration of a candidate for the Ph.D. degree shall be effective, normally, from the date of joining unless on account of unsatisfactory progress in work deferred for a later date and shall remain valid for a period of 5 years* for full-time and 6* years for part-time before the expiry of which the research scholar (joined with a Master's degree) will be required to submit the thesis. However, the research scholar may be considered for extension beyond this period for one year only if the research scholar has published / got accepted at least one research paper / one granted patent with affiliation to NITKKR out of the Ph.D. research work (with research scholar as first author). The research papers should be published/accepted in Refereed Non-paid SCI/SCIE/Scopus /Web of Science (excluding ESCI) indexed journals.

Registration may be extended up to a maximum period of one year by the Office of Dean (Academic) on the recommendation of DRC/SRC. After the expiry of the registration period (with/without extension), the registration shall stand cancelled automatically and the research scholar may go for re-registration as per clause 6.3. In case the research scholar does not opt for re-registration, the concerned Department/School must recommend the cancelation of the registration to the Office of Dean (Academic) for approval of the Competent Authority.

* One additional year for candidates who joined with a Bachelor's degree.

R-6.3 Re-Registration

- (a) The research scholar will request the Chairperson, DRC/SRC with the recommendations of respective supervisor(s) for re-registration within a period of 3 months of cancellation of registration as per R-6.2. Supervisor(s) will recommend re-registration only if the quantum of required work and publication requirements for submission of Ph.D. thesis can be completed within the next two years.

- (b) The application of the research scholar will be forwarded/recommended through DRC / SRC and Dean (Academic) to the Director who may allow for re-registration. If allowed, the research scholar will deposit a re-registration fee of 20,000/- (Rupees Twenty Thousand only) and the date of submission of re-registration fee will be considered as date of re-registration. In addition to the re-registration fee, the normal semester registration fee of current semester will be payable, if not already paid. The semester registration fee for upcoming semesters will be payable as per rules.
- (c) The previous results of the research scholar's course work and comprehensive examinations, if any, will be valid and the research scholar need not repeat these steps again.
- (d) The re-registered research scholar will not be permitted to submit thesis before one year of re-registration. The maximum period for the re-registered research scholar to submit thesis will be two years, beyond which the re-registration will stand cancelled automatically and no further re-registration will be possible under any regulation of the Ph.D. programme.
- (e) The eligibility conditions (regarding publication requirements etc.) for submission of thesis shall remain same as applicable on the research scholar before the cancellation of registration. For all other rules, the research scholar is to abide by regulations and amendments made in regulations from time to time.

R-6.4 Temporary Withdrawal

The research scholar who has been admitted to Ph.D. programme may be permitted to withdraw temporarily for a period of one semester from the Institute on account of prolonged illness/acute problem in the family provided:

- (a) Such an application shall be considered by Dean (Academic) after due recommendation of concerned supervisor and DRC/SRC.
- (b) Total duration of the Ph.D. Programme shall remain unchanged.
- (c) The research scholar who has been granted temporary withdrawal for a complete semester shall be required to pay the full-semester fee.
- (d) No stipend / scholarship shall be paid for such period of temporary withdrawal.
- (e) The research scholar shall be granted only one such temporary withdrawal during the entire duration of Ph.D. programme.

R-7 COURSES AND CREDITS

R-7.1 Coursework Credits and Performance

The minimum course credit requirement for a scholar who join with a Master's and Bachelor's degree is 15 and 36 respectively. A research scholar will be required to complete the course work with a minimum CGPA of 7.0 out of maximum 10.0. The research scholar can register for these courses on the recommendation of the respective research supervisor(s) and approved by Chairperson, DRC. A summary of course work requirements, minimum and maximum duration (as per R-6.2) for thesis submission is presented hereunder.

| S. No. | Programme | Credits Through Course Work (Minimum) | Minimum Duration for thesis submission* | Maximum Duration* |
|--------|---|---------------------------------------|---|-------------------|
| 1 | Ph.D. students with M.Tech./M.Sc. or M.B.A | 15 | 3 years | 5 Years |
| 2 | Ph.D. students with B.Tech., (4-year program) | 36 | 4 years | 6 years |

*Add an additional year in case of part-time students.

R-7.2 "Course Work" includes only postgraduate course credits unless otherwise stated. To satisfy the "Minimum Duration" requirements, registration must be over consecutive semesters; exception will be made only if the student is on authorized leave. "Maximum Duration" is counted from the student's first registration date. However, the research scholar may be considered for extension beyond this period as per R-6.2b.Mandatory Courses

The courses on (i) **Research Methodology** (4 credits) and (ii) **Research & Publication Ethics** (2 credits) will be compulsory for all research scholars.

R-7.3 Calculation of the CGPA in Coursework

The CGPA shall be computed on the basis of letter grades obtained in all courses including MOOCs courses.

R-7.4 Provision of MOOCs Courses

The part-time candidates admitted under R-2.2 (i) and (ii) may be allowed to undertake Ph.D. course work through regular/blended/online classes or MOOCs platforms. The detailed guidelines in this regard are as under:

1. The research scholars can opt MOOCs courses that are meant for PG only.
2. Fees for MOOCs courses will be borne by the research scholars themselves.
3. The research scholars can opt for MOOCs courses of minimum 12-week duration which are equivalent to courses of 3 credits. The online course of duration less than 12 weeks will not be considered.
4. The course on 'Research Methodology' for Ph.D. students is of 4 credits. The research scholars can opt for this MOOC course, only if the course is of 14 to 16 weeks' duration.
5. The course coordinator of the concerned subject will verify that the MOOCs course broadly matches the course contents offered in PG curriculum of the Institute and will recommend the course to the concerned Chairperson, DRC/SRC on the request of the research scholars.
6. After permission of Chairperson, DRC/SRC, the research scholars will register for MOOCs courses and the Department/School will send the information to Academic Section regarding the courses registered on MOOCs in respective Department/School.
7. After successful completion of the course, the final result will be sent to Academic Section through concerned Chairperson, DRC/SRC and proportionate credits will be awarded if required. In case, the result of MOOCs course is in terms of percentage of marks, then it will be converted to equivalent grade as per Institute norms on the submission of marks sheet/certificate issued by agency (SWYAM/NPTEL etc.).
8. The MOOCs courses permitted by the concerned Department/School will be reflected on DMC of the concerned research scholar only on successful completion of the course.

R-7.5 Relaxation in Ph.D. Course Work

In case of part-time candidates with at least 5 years of research experience in R&D Organizations/National Laboratories/Government Organizations, residential requirements may be waived off with the approval of the senate. But it will be mandatory for such research scholars to complete the course work for the prescribed number of credits in self-study mode, exercising all pedagogy components including assignments, examinations as prescribed for regular course at NITKKR. However, at least one seminar per semester before DRC/SRC is mandatory to review the progress of such research scholar.

These research scholars will be allowed to do pre-approved certified MOOC courses towards 15/36 credits with the approval of DRC/SRC. Examination for these scholars will be conducted by the Department/School for such certified courses to award grades. They also need to pass the certified courses of (i) **Research Methodology** and (ii) **Research & Publication Ethics**.

R-7.6 Credits Available on Academic Bank of Credit (ABC)

If a research scholar has already passed coursework in some other institute and the same credits are available in Academic Bank of Credit (ABC), then the same shall be considered as part of their coursework, subject to the approval of DRC/SRC, if the candidate so desires.

R-7.7 Maximum Duration of Coursework

The coursework is required to be completed within 12 (with Master's degree)/24 (with Bachelor's degree) months of initial registration or start of the classes in the ensuing semester whichever is later. Maximum 6-months extension will be provided by the office of the Dean (Academic) on recommendation of the respective DRC/SRC. The course work must be completed before the comprehensive examination.

R-7.8 Punitive Action on not Passing Coursework in Maximum Time period

The research scholar is required to pass coursework within a maximum period of 18 (with Master's degree)/ 30 (with Bachelor's degree) months of the initial registration or start of the 1st semester whichever is later, failing which research scholar's registration in Ph.D. programme will get cancelled automatically. The Office of Dean(Academic) will issue office order in this regard.

R-8 RESEARCH PLAN AND COMPREHENSIVE EXAMINATION

R-8.1 Submission of Research Plan

Every research scholar is required to submit a research plan proposal, which should include a brief account of the related work already reported in the literature, clearly spelt out investigation/work which the research scholar intends to carry out establishing the need of the same. Subsequently, the research work should be carried out in accordance with the approved research plan. Any change in research plan can be indicated by a research scholar in semester progress reports.

R-8.2 Evaluation of Comprehensive Examination

The following procedure is followed for conducting the comprehensive evaluation of the Ph.D. research scholars:

- (a) Every research scholar is required to take a comprehensive examination, which will test research scholar's readiness in the broad field of research, academic preparation, and potential to carry out the research. The comprehensive examination shall be based on a PowerPoint presentation before DRC/SRC.
- (b) Every research scholar must submit the research plan proposal and pass the comprehensive examination within 12-18 (with Master's degree) /24-30 (with Bachelor's degree) months of the initial registration.
- (c) The research scholar can apply for comprehensive examination only after passing coursework requirements.
 - (a) The research scholar is required to apply at least two weeks in advance for comprehensive examination through respective supervisor(s).

R-8.3 Improvement of Research Plan and Re-evaluation

In case the research plan is not approved by the DRC/SRC, the research scholar will have to improve the research plan as per the suggestions of the DRC/SRC and get it re-evaluated.

R-8.4 Punitive Action for not Passing Comprehensive Examination in Time

If due to compelling adverse circumstances (as considered so by the DRC/SRC), the research scholar is not able to submit the research plan proposal and appear in the comprehensive examination within

12-18 (with Master's degree) /24-30 (with Bachelor's degree) months of the initial registration, or the research scholar is not able to pass the comprehensive examination within this period, the research scholar, on request, can be granted a maximum extension of six months on the recommendation of the DRC/SRC.

During this extension period, the research scholar can be registered provisionally only (the normal semester fees, however, will have to be paid), and minimum registration period requirement will automatically get extended by this period. Further, if the research scholar receives scholarship, the scholarship for this period will be stopped. The scholarship will be resumed from first day of the next month of successfully completing comprehensive exam during this extension period.

Only one such chance can be allowed to the research scholar. If the research scholar fails to qualify the comprehensive examination even after getting extension of six months, the research scholar's registration will be recommended for cancellation by the concerned DRC/SRC.

R-8.5 Number of Attempts and Maximum Duration for Comprehensive Examination

A research scholar will be allowed a maximum of two attempts to pass the comprehensive examination within the maximum duration of 24 (with Master's degree)/36 (with Bachelor's degree) months of the initial registration, failing which the research scholar's registration will be recommended for cancellation by the concerned DRC/SRC.

R-9 PERFORMANCE MONITORING

R-9.1 Semester Progress Report

The progress of the research work of every research scholar will be monitored by the respective supervisor(s) and the **Scholar Assessment Committee (SAC)**. For this purpose, at the end of each semester, every research scholar is required to submit the semester progress report to the respective supervisor(s).

The progress report should cover the:

- (i) Summary of the work done before the start of the semester under consideration.
- (ii) Goals set for the semester under consideration semester.
- (iii) Methodology used in achieving the goals.
- (iv) Extent of the fulfilment of the goals.

The supervisor(s) shall record the comments and the result of progress report evaluation as satisfactory/unsatisfactory. Further, at the end of every semester there shall be assessment of the progress and performance of the Ph.D. research scholar by the SAC comprising of the following members:

1. Supervisor (s) including Co-supervisors of the candidate
2. Two DRC / faculty members nominated for the candidate by Chairperson DRC in consultation with the Supervisor(s).

Senior nominated member will be the Chairperson of this committee and main supervisor will be the Convener of the committee.

SAC shall record the result of this assessment as satisfactory/unsatisfactory on the registration form of the research scholar for the subsequent semester.

Further, the part-time research scholars must always remain in contact with respective supervisor(s) for necessary discussions related to research work / progress report.

The research scholars must submit semester progress reports by 30th June for the even semester and 31st December for the odd Semester in the office of the respective Department/School. The registration form for the subsequent semester shall be forwarded by the Chairperson, DRC/SRC to the Office of Dean (Academic) along with the comments and signatures of the (SAC) thereon.

R-9.2 Collection & Evaluation of Progress Reports and Sending to Academic Section

The Chairperson DRC/SRC will coordinate, every semester, the collection of progress reports written and signed by the research scholars and forwarded by the supervisor(s) with remarks of all the supervisor(s) duly recorded as satisfactory/unsatisfactory. The progress of all the research scholars shall be evaluated by the SAC and the result of evaluation recorded as satisfactory/unsatisfactory. The Chairperson DRC/SRC will also ensure that the semester progress reports of all the research scholars of the Department/School reach the Office of Dean (Academic) by 31st July for even semester and 31st January for odd semester. The Chairperson DRC/SRC shall also intimate the Office of Dean (Academic) about those research scholars who fail to submit their semester progress reports.

R-9.3 Provisional Registration & Discontinuation of Scholarship

If due to compelling adverse circumstances (as considered so by the DRC/SRC), a research scholar is not able to submit the progress report by the stipulated date, or the progress of the research scholar is adjudged by the SAC as unsatisfactory, the research scholar, on request, can be allowed an additional chance for the same. The research scholar is expected to improve the research work and submit the progress report again at the close of the following semester (after six months). During this semester, the research scholar can be registered provisionally only (the normal semester fees, however, will have to be paid), and the minimum registration period requirement will automatically get extended by six months. Further, if the research scholar receives scholarship, the scholarship for these six months will be stopped. Only one such chance can be granted to the research scholar during the entire duration of Ph.D. Programme.

R-9.4 Unsatisfactory Progress

If, even on having been granted extension, as under R9.3, the research scholar does not submit the progress report within the stipulated time or on resubmission also, the progress is adjudged as unsatisfactory; the registration shall be recommended for cancellation by the respective DRC/SRC.

R-9.5 Reporting of Punitive Action

The cases where some punitive action is taken will be reported to the Chairperson, Senate by the DRC/SRC through the Office of Dean (Academic).

R-10 SEMINAR / SYNOPSIS / PANEL OF EXAMINERS

R-10.1 Pre-synopsis Seminar

- (a) A research scholar will be allowed to deliver the pre-synopsis seminar only after getting at least a CGPA of 7.0/10.0 in coursework and at least two granted patents / two research papers, with affiliation to NITKKR, out of the Ph.D. research work (with research scholar as the first author), published/accepted in refereed Non-paid SCI/SCIE/Scopus /Web of Science (excluding ESCI) indexed journals.
- (b) On the research scholar's request for pre-synopsis seminar, the DRC/ SRC shall verify the journal publications of the research scholar and if found satisfactory, the research scholar will be allowed to deliver the pre-synopsis seminar. The research scholar must request and submit the proposal to the Chairperson DRC well in time, at least 15 days in advance, through respective supervisor(s), for pre-synopsis seminar.
- (c) The schedule of the pre-synopsis seminar shall be notified well in time, at least three days in advance, making it convenient for all interested to attend it.

R-10.2 Synopsis

The research scholar will submit the synopsis only after incorporating the suggestions, if any, given by DRC/SRC during the pre-synopsis seminar. The synopsis should precisely reflect all aspects of the research work to be included in the thesis.

- (a) The research scholar shall submit two hard copies and a soft copy of the synopsis in the same format as specified for the thesis to the Chairperson, DRC/SRC. The DRC/SRC will examine the synopsis, and the Chairperson, DRC/SRC shall forward the synopsis with its recommendations to the Office of Dean (Academic) along with all prescribed documents.
- (b) The synopsis should be submitted normally within 2 months after the presentation of the pre-synopsis seminar. In case the synopsis is not submitted in the specified period, the research scholar may be asked to present the pre-synopsis seminar afresh again.
- (d) The research scholar can submit the thesis only after a gap of at least one month after submission of the synopsis. However, under exceptional cases, this gap of one month can be relaxed by the Chairperson, Senate on the recommendations of DRC/SRC.
- (e) The research scholar shall be required to submit the thesis within 8 months of the submission of synopsis. However, in case a research scholar fails to submit the thesis within the stipulated time of 8 months and has suitable justification for the same, the Chairperson, Senate may, on recommendations of the DRC/SRC and on individual merits of each case, grant extension of maximum up to two months, i.e., the research scholar may be allowed to submit the thesis within a period not exceeding 10 months from the date of the submission of the synopsis. However, the thesis should be submitted within the prescribed maximum time limit as per clause R-6.2.

R-10.3 Panel of Examiners

A panel of at least ten external examiners, including foreign examiners, having expertise in the relevant area of research would be suggested to the DRC/SRC by the Supervisor(s). The DRC/SRC will consider the suggested panel and finally recommend it to the Office of Dean (Academic).

The panel of ten external examiners, should include five Professors/Associate Professors in Academic Institutes or equivalent from outside India (preferably from developed countries) and remaining five with same cadre from India, preferably from IISc/IITs/NITs/IIMs/IISERs/Central/State Universities. The person as co-author with the student in any of his/her publications at any time should not be recommended as an examiner by DRC/SRC.

The recommended panel will be considered and approved/modified by the Chairperson, Senate.

R-11 BOARD OF EXAMINERS

On receipt of the synopsis of the thesis, the Chairperson, Senate will appoint a Board of Examiners for each research scholar from the list approved by the DRC/SRC. The Board of Examiners consists of two external examiners, one out of which would be from India, and the other from abroad. These examiners shall be chosen normally from the panel of examiners recommended by the DRC/ SRC as aforesaid. A person working in the organization(s) / institute(s) where the research scholar is presently/previously employed cannot be appointed as an examiner for that research scholar.

R-12 THESIS SUBMISSION

R-12.1 Thesis Preparation Guidelines

The research scholar will submit a soft copy of the thesis in PDF format on CD, and two spiral bound copies, typed in English, one and a half spaced, printed in Times New Roman 12 pt. or Arial 11 pt. on both sides of A-4 size papers. The margins on the right page shall be 1.25" –left, 1" –right, 1" –top and 1" –bottom and the margins on the left page shall be 1.25" –right, 1" –left, 1" –top and 1" –bottom. The thesis shall be submitted along with the examination fee and all prescribed documents as given in the annexures and notified from time to time by Office of Dean (Academic).

R-12.2 Paper Publication Requirement and Innovative Work in Thesis

The thesis shall contain a critical account of the research carried out by the research scholar. It should be characterized 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 research scholar's capacity for analysis and judgement as well as the ability to carry out independent investigation, design or development.

No part of the thesis or supplementary published work should have been submitted for the award of any other degree or diploma. The research scholar can submit thesis only after completing all formalities as per R-10.1 and R-10.2

Thesis should be submitted along with all ethics related certificates given in the Annexures V-VIII and the plagiarism report as per the guidelines currently as under:

Guidelines for checking Plagiarism through "Turnitin" Web Tool:

1. The Similarity Index (SI) \leq 20% with source exclusion threshold set at 8 words.
2. The following components will be excluded for generating the SI report:
 - (i) References / Bibliographic materials.
 - (ii) Quoted materials.
 - (iii) The text/contents prior to the first chapter, that is, Title page, Acknowledgements, Declaration, Certificates, Table of contents, List of figures, List of tables, List of symbols & abbreviations, and Abstract.
3. Author's own published articles will be excluded from the SI report.

R-12.3 Time Period Requirement for Submission of Thesis

The research scholar can submit thesis within the time period as stipulated in regulations provided that the research scholar has completed the minimum period of registration as specified under clause R 6.2.

R-13 THESIS EVALUATION

All correspondence/notifications in regard to thesis evaluation and viva-voce examination of the research scholar; except where stated otherwise, shall be done by the office of the Dean (Academic). Except for the correspondence with the research scholar or general circulars/notifications, the correspondence shall be confidential.

R-13.1 Assessment Report and Recommendations

Each examiner will be requested to submit a detailed assessment report and recommendations within six weeks of the date of receiving the thesis.

- i) The examiners will examine the thesis individually with a view to judge whether the thesis is a piece of research work characterized 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 examiners will give opinion about the research scholar's capacity for critical examination and sound judgement. The examiners will submit the report on the prescribed form, sent along with the thesis, clearly recommending that:
 - (a) The thesis is accepted as it is for the award of the Ph.D. degree.
 - (b) Thesis is accepted with minor revisions to be incorporated in the thesis and are to be verified at the time of Viva-Voce examination by the Examination Committee.
 - (c) The research scholar be asked to resubmit the thesis in the revised form.
 - (d) The thesis is rejected.

R-13.2 Appointment of Alternate Examiner

In the event of the thesis report not being received from an examiner within a period of three months from the date of dispatch, the Chairperson, Senate may approve an alternate examiner in his/her place for evaluating the thesis from the approved list of examiners. Before corresponding with the alternate examiner, the original examiner must be informed of the cancellation of this appointment, stating the reason therein.

R-13.3 Examiners' Evaluation and Recommendations

- (a) If both the examiners recommend acceptance/rejection; the thesis be accepted/rejected, respectively.
- (b) If one examiner recommends acceptance and other rejection, the thesis will be sent to the third examiner. If the third examiner recommends acceptance /rejection, the thesis will be accepted / rejected, respectively. If the third examiner recommends revision, the research scholar shall resubmit the revised thesis. The revised thesis will be sent to the same examiner who has recommended revision of the thesis. Only if at least two examiners recommend the acceptance, the thesis will be accepted, else rejected.
- (c) If one examiner recommends acceptance and other recommends major revision, the research scholar shall resubmit the revised thesis. The revised thesis will be sent to the same examiner who has recommended revision of the thesis.
- (d) If both the examiners recommend major revision, then a third examiner will be appointed and the revised thesis will be sent to all three examiners. If at least two examiners recommend acceptance, the thesis will be accepted, else rejected.
- (e) In all other cases the thesis will be considered as rejected.

Any doubts arising out of the procedures laid down shall be referred to the Chairperson, Senate for consideration and final recommendation.

R-14 RESUBMISSION OF THESIS

When a thesis is to be revised and resubmitted, the research scholar should be informed about the comments of the examiners. The revised thesis, after another similarity check as per R-12.2, is to be submitted within one year through DRC/SRC of the respective Department/School.

The revised version of the thesis will be sent to the same examiner who has recommended revision of the thesis for his/her fresh recommendations.

R-15 VIVA-VOCE EXAMINATION

R-15.1 Permission for Viva-Voce Examination

The thesis examination reports, once received from the examiners, are to be put up to the Chairperson, Senate by the Office of Dean (Academic) for decision. The Director, on the basis of the reports will decide whether the research scholar should be allowed to appear in the viva-voce examination or not. The Chairperson, Senate's decision on the thesis reports shall be communicated to the research scholar through Chairperson of the concerned DRC/SRC. The Chairperson DRC/SRC will notify the Examination Committee comprising the supervisor, one DRC/SRC nominee and one Indian examiner for the viva-voce examination. The viva-voce examination shall be open to be attended by members of the DRC/SRC, all faculty members of the Department/School, other research scholars and all interested experts/researchers of the Institute.

The viva-voce examination can also be conducted on Google Meet / Microsoft Teams / Zoom or similar online tools after seeking prior approval of the Chairperson, Senate.

R-15.2 Open Defence of Viva-Voce Examination

On having been allowed to appear in the viva-voce examination, the research scholar is to defend the thesis orally before the Examination Committee. The Chairperson DRC/SRC will coordinate with all the examiners and the research scholar and fix a date for holding the viva-voce examination. The questions/queries communicated by the thesis examiners in their reports shall be intimated to the candidate through respective supervisor at least one week before the date of conduct of the viva-voce examination. The schedule of the viva-voce examination shall be adequately notified so as to enable all interested to attend it.

A notice in respect of the viva-voce examination will be issued at least one week in advance and the same may be uploaded on the Institute website for wide publicity. The notice will also be circulated among all the Departments/Schools. The research scholar will publicly defend viva-voce examination. The thesis after incorporating all suggested changes / corrections, if any, shall be uploaded on the repository as notified by Office of Dean (Academic) from time to time.

R-15.3 Appointment of Alternate Examiner for Viva-Voce Examination

In case of non-availability of the Indian examiner for conducting the viva-voce examination, the Chairperson, Senate may appoint an alternate examiner to conduct the viva-voce examination from the existing panel. If the need be, the DRC/SRC may suggest a fresh panel of examiners.

R-15.4 Viva-Voce Examination Process

- (a) The viva-voce examiner shall be provided with the reports of the thesis examiners at least one week before the viva-voce examination.
- (b) The Ph.D. thesis supervisor(s) shall assist the Chairperson DRC/SRC in arranging the viva-voce examination of the research scholar as early as possible.
- (c) In case of the inability of the research supervisor to have the viva-voce examination conducted due to any reason whatsoever, the Chairperson, Senate may appoint another examiner, in place of research supervisor, to conduct the viva-voce examination, from amongst the faculty of the Department/School concerned who belongs to the particular field in consultation with Chairperson DRC/SRC. In such cases also, the Ph.D. work will be deemed to have been carried out under the guidance of the supervisor(s) only.
- (d) After the viva-voce examination, the examiners will prepare a detailed joint report giving one of the following three recommendations:
 - i. Recommended for the award of the degree.
 - ii. The thesis be resubmitted after a minimum period of six months incorporating the suggestions of the examiners.
 - iii. Not recommended for the award of the degree.

The report shall be sent by the Chairperson DRC/SRC in a confidential cover to the Office of Dean (Academic).

- (e) Any other matter not explicitly provided herein or of an exceptional nature, may be referred to the Director for his/her decision.

R-16 AWARD OF THE Ph.D. DEGREE

On the completion of all stages of the examination, a Doctoral Committee, consisting of the Chairperson, Senate, Dean (Academic) and Chairperson of the DRC/SRC 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 and:
 - (i) The thesis is to be resubmitted.
 - (ii) The thesis is rejected on the conclusion that the thesis is not genuinely the work of the research scholar.

For (b) (i) above, the Committee, if required, shall provide to the research scholar a list of all corrections and modifications to be made in the thesis, including suggestions made by the examiners during the thesis evaluation, and the result will be declared after the research scholar submits two copies of the corrected thesis certified by the supervisor(s) that the necessary corrections and modifications have been made.

R-17 SCHOLARSHIP / FELLOWSHIP

R-17.1 Award of Scholarship/Fellowship & Contingency Grant

Those research scholars who are admitted on full-time basis are considered, on the recommendation of the respective DRC/SRC, for the award of Institute scholarship of the amount as decided by the Board of Governors and directed by the Government of India from time to time. **For the award of Institute scholarship, the research scholar must not be in receipt of any financial aid from any other source for pursuing the Ph.D. research work and a certificate to this effect is to be submitted by the research scholar.**

The research scholar receiving fellowship will be designated as Junior Research Fellow (JRF) / Senior Research Fellow (SRF) as per the directions of the MoE which is subject to change on the directions of the competent authority from time to time.

In addition, the research scholar on Institute fellowship will be provided a contingency grant in accordance with the rules of the Institute. It is to be noted that admission to the Ph.D. Programme and award of scholarship are not linked. **Admission to the Ph.D. Programme does not guarantee the award of scholarship.**

R-17.2 Eligibility for Institute Scholarship#

- (a) Only GATE/NET qualified research scholars shall be considered for the award of the Institute scholarship.
- (b) The candidates with valid GATE score/valid NET are not required to appear in the written test for admission. The candidates whose GATE score / NET validity has expired, will have to appear in the written test. The admission process will be as per clause R-3.
- (c) A Full-time research scholar may receive Institute scholarship for a maximum duration of FIVE years of the Ph.D. programme, subject to fulfilling the requirements of eligibility for the scholarship over the successive years of Ph.D. registration period.
- (d) Initial award of the scholarship at the time of admission to Ph.D. programme will continue for two years from the date of the issue of the scholarship subject to satisfactory performance in every semester as per R-9.1.
- (e) Scholarship after the completion of 2nd year will be continued subject to the following conditions:
 - (i) Successful completion of Ph.D. Course work with min. 7.0/10.0 CGPA.
 - (ii) Successful completion of the comprehensive examination and approval of the research plan.
- (f) Scholarship once discontinued will be restored as and when eligibility conditions (as above) are acquired. However, this will become effective from the 1st day of the next month.

The scholars receiving Scholarship/Fellowship from external Govt./Autonomous organizations shall be governed by the rules and regulations issued and amended by the respective Govt./Autonomous organizations.

R-17.3 Award of Senior Research Fellowship (SRF)

The scholarship/fellowship for the tenure of initial two years, from the date of joining the respective Department/School or start of the classes of 1st semester, is equivalent to JRF. A research scholar will be eligible for upgradation to SRF only on having 01 research paper

published/accepted out of the Ph.D. research work with affiliation to NITKKR (with research scholar as the first author) in journals as given below:

- (i) For Engineering and Sciences Departments / Schools: Refereed Non-paid Research papers published/accepted in SCI/SCIE/Scopus/Web of Science/Open access SCI journals listed journals.
- (ii) For Humanities and Social Sciences Department and Department of Business Administration: Refereed Non-paid Research papers published/accepted in SCI/SCIE/SSCI/Scopus/Web of Science/ABDC/UGC-CARE/Open access SSCI listed journals.

Procedure for elevation to SRF after two years:

The elevation to SRF after two years will be conducted as follows:

The Chairperson DRC/SRC will propose an External Review Committee (ERC) in consultation with the respective supervisor(s), to the Office of Dean (Academic) for seeking approval of the Chairperson, Senate, comprising of the following:

- 1) Chairperson DRC/SRC or his/her nominee.
- 2) One external subject expert from outside the Institute preferably from NITs/IITs/IISc./IIMs/IISERs/Central/State Universities .
- 3) Supervisor/Co-supervisor of the research scholar as Member-Secretary.

The ERC will judge research work of the research scholar and submit a report. If the research work is found satisfactory, the research scholar will be designated as SRF and the research scholar will be entitled for enhanced scholarship/fellowship for the remaining period of 3 years (from the date of award by the ERC) under SRF scheme subject to satisfactory performance in the progress reports and fulfilment of any other condition of the Institute/fellowship awarding agency.

In case the work for the two years is not found satisfactory, the research scholar will continue getting scholarship/fellowship under JRF scheme subject to satisfactory performance in the progress reports and fulfilment of any other condition of the Institute/fellowship awarding agency.

A second chance for elevation to SRF may be given to the candidate by the Assessment Committee only after six months subject to satisfactory progress in the previous semester along with recommendation of the supervisor for the ERC meeting.

The total period of fellowship (JRF and SRF) is five years and there is no further provision of extension in this regard.

R-17.4 Conversion of Project Fellowship to Institute Fellowship on Completion of Project

The following procedure is recommended for converting Project JRF/SRF under different schemes to Institute fellowship:

- (a) The scholar must have been selected through a regular advertisement at the time of Ph.D. admissions satisfying the eligibility criteria. His / her admission at that point of time would have been in addition to the number of seats allotted to the Department/Institute.
- (b) The scholar is eligible for conversion from Project fellowship to Institute fellowship only after working for a period of 1 year in case of 2-year project or 2 years in case of a 3-year project.
- (c) The scholar shall apply to the Chairperson, Senate through proper channel (i.e., Supervisor(s), SAC, DRC/SRC, Dean (Academic)) requesting for conversion of the scholar from Project fellowship to the Institute fellowship once the project gets closed. The supervisor (PI) should enclose the following with the application:
 - (i) UC obtained from Institute accounts section at the time of closing the project.
 - (ii) Proofs of the selection in the Project fellowship and admission into the Ph.D. programme against a regular advertisement.
- (d) All such conversions will be subject to the availability of Institute fellowship for that academic year.

R-17.5 Duties of Research Scholars Receiving Scholarship/Fellowship

The research scholar receiving the scholarship/fellowship, will assist in the academic work including conduct of tutorial classes and laboratory work for 8-10 hours/week.

R-18 ATTENDANCE AND LEAVE RULES

R-18.1 Attendance

All full-time research scholars (with or without scholarship) are required to mark daily attendance in the attendance register maintained by the Department/School.

R-18.2 Leave Rules

The HoD/School Coordinator shall maintain a proper leave account of each such research scholar. The leave of the research scholar should be recommended by respective Supervisor(s) and sanctioned by the HoD/School Coordinator.

The full-time research scholars on institute fellowship are 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:

- (i) **Casual Leave / Restricted Holiday**
The full-time research scholars may avail 8 casual leaves and 2 leaves in lieu of Restricted Holidays in an Academic Year.
- (ii) **Medical Leave**
The full-time research scholars will be entitled for maximum non-commuting 21 Medical leave per year on medical grounds on the recommendations of the SMO/MO of the Institute Health Centre or from a Medical Officer of the Govt. Hospital and as per Institute rules.
- (iii) **Short-Duty Leave**
 - (a) The full-time research scholars may avail duty leave for attending academic activities such as Conferences, Workshops, STCs, Training programmes with the approval of the Dean (R&C).
 - (b) The full-time research scholars may avail duty leave for various purposes like Library consultation, meeting experts, getting samples tested from other laboratories, using the lab facilities outside NITKKR, data collection, interaction with external experts/supervisor as recommended by his/her supervisor(s) and HOD.
For these purposes, the research scholar shall be allowed a total of 21 days of Short-Duty Leave in each academic year subject to prior approval for such visits. The research scholar shall submit the proof after availing short-duty leave.
- (iv) **Long-Duty Leave**
The full-time research scholars may be allowed to proceed on long duty leave (maximum up to one year) to some organization, if required, for research progress. However, it should be with the due approval of competent authority on the recommendation of respective DRC/SRC. The minimum duration of such leave shall be of one month.
The research scholar shall submit the monthly Attendance Record for such visits, duly signed by the concerned official, to the HOD.
During this period the research scholar shall submit the semester progress report in time and renew the registration.
- (v) **Maternity Leave**
The women research scholars will be eligible for Maternity Leave as per MoE rules. The minimum and maximum registration period will be extended by the leave period subject to a maximum of six months. However, the Scholarship/Fellowship may be given for a maximum period of five years only (including period of maternity leave) to the full-time women research scholars receiving any kind of scholarship/fellowship, subject to fulfilment of Ph.D. Regulations, from the date of initial registration.

(vi) **Leave for Research Work Abroad**

There is a provision in the Institute for conducting research work abroad while pursuing Ph.D. Programme at the Institute under different schemes including SERB / USIEF / Fulbright / SERB-Purdue OVDF / Commonwealth Split-Scholarship scheme, at the working place of the foreign co-supervisor / advisor with the following guidelines: -

1. The research scholar should be registered for a full time Ph.D. programme at NITKKR.
2. Only one visit of maximum one-year duration by a research scholar will be allowed during the entire Ph.D. research work duration.
3. The research scholar may apply for such a programme. The research scholar shall be allowed to proceed having cleared the comprehensive exam and the research plan approved by the respective DRC / SRC.
4. The research scholar for such visit must fulfil the following requirements:
 - i) All previous progress reports of the Ph.D. research scholar should be satisfactory.
 - ii) The research scholars who have already submitted Ph.D. synopsis are not eligible to apply.
5. DRC/SRC should be satisfied with the research proposal submitted for carrying out such research and the research proposal should be part of the ongoing Ph.D. work.
6. The time period of such work will be considered as a part of Ph.D. programme duration. The total period of Ph.D. duration will be as per the Institute rules.
7. The research scholar will continue to register at NITKKR for the coming semesters during such visit by completing registration formalities and fee submission.
8. During the stay in the university abroad the progress report of the research scholar should remain satisfactory.
9. If the research scholar is getting an Institute or any other government scholarship, the Institute will stop payment of such scholarship and any other contingent expenses to the research scholar for the duration of such research activity abroad.
10. The foreign supervisor may be invited to be the part of the DRC/SRC meetings for the respective Ph.D. research scholar for work evaluation / pre-synopsis / viva-voce etc. No TA/DA and honorarium will be paid by the Institute for attending such meetings. The foreign supervisor may join the proceedings through online mode.
11. Joint publications / patents made by the research scholar along with the foreign supervisor will be accepted by DRC/SRC and the Institute.
12. The application under the proposal will be forwarded by the DRC/SRC to the Office of Office of Dean (Academic) for verification and necessary approvals if so required.
13. There will be no financial liability on NITKKR for undertaking such visits.

- (vii) The research scholars will not be entitled to mid-semester breaks/vacations (summer and winter). Research Scholars shall take prior sanction for availing leave of any kind. Any absence from the Institute without sanctioned leave may lead to loss of fellowship for the period of absence.

The scholars receiving Scholarship/Fellowship from external Govt./Autonomous organizations shall be governed by the leave rules and regulations as issued and amended by the respective Govt./Autonomous organizations.

R-19 CONVERSION OF FULL-TIME ADMISSION TO PART-TIME

A full-time research scholar may be allowed to change his/her Ph.D. status to part-time with following conditions:

- (i) The research scholar must have completed a minimum of **three** years as full-time research scholar at the Institute. However under unforeseen circumstances chairperson senate may condone the minimum period for full time to part time conversion.
- (ii) The recommendations of DRC /SRC is mandatory.

- (iii) The time spent as a full-time research scholar will be taken into account for the purpose of minimum registration period requirement.
- (iv) Maximum period of registration shall remain same as that of full-time research scholar.
- (v) In case, he/she has been offered a regular job in some organization, a NOC from the employer to continue his/ her research work as a part-time research scholar at NITKKR shall be enclosed along with the request for change of status.
- (vi) A full-time research scholar may also request for change to part-time, if the DRC / SRC is satisfied that all the experimental / computation work and pre-synopsis has been completed and that the student can finish the thesis writing part from outside. In such case, a minimum of three years must have been spent by the research scholar as a full-time student.
- (vii) The research scholar will be allowed to register as part-time candidate only after the approval of competent authority.
- (viii) The research scholar after status change shall not be considered for any scholarship/stipend/contingency grant.
- (ix) Once the status of a research scholar is changed from full-time to part-time, he/she cannot revert back.

R-20 CANCELLATION OF REGISTRATION

Registration of a research scholar can be cancelled in any one of the following eventualities, with due approval of the Director:

- (i) If a full-time research scholar remains absent for a total period of four weeks in a semester without prior intimation/sanction of leave.
- (ii) If a research scholar resigns from the Ph.D. programme.
- (iii) If a research scholar fails to renew his/her registration every semester within the registration period as notified.
- (iv) If a research scholar does not submit semester progress report by the stipulated date or the progress of his/her research work is found unsatisfactory as per R-9.4.
- (v) If a research scholar does not clear the course-work and/or comprehensive examination within the stipulated period.
- (vi) If a research scholar is found involved in an act of misconduct and/or indiscipline and the competent authority has recommended termination. For all purposes, the conduct/ discipline rules applicable to U.G./P.G. students of the Institute shall apply to research scholars also.
- (vii) If at any stage, information furnished by the research scholar in his/her application is found false or incorrect.

R-21 GENERAL REGULATIONS

R-21.1 Authority of Senate and Recommendation to the Senate

Notwithstanding anything contained in these Regulations, all categories shall be governed by the rules and procedures framed by the Senate, and in force from time to time.

R-21.2 Doubts and Disputes of Regulations

Any doubt or dispute about the interpretation of these Regulations shall be referred to the Chairperson, Senate whose decision shall be final.

R-21.3 Amendments in the Regulations by Senate

Eligibility for admission to Ph.D. programmes in different disciplines may, from time to time, be reviewed, approved by the Senate, and implemented.

R-21.4 Resolution of the Difficulties by Director Binding on all the Stakeholders

Director, in the capacity of Chairperson, Senate, may refer the issue to the Senate for interpretation of the Regulations, if deem it necessary.

R-21.5 Exceptions and issues

- (i) All issues which need further interpretation or not covered under these regulations defined will be considered by the Chairperson, Senate on the recommendations of the following committee:
 - (1) Dean (Academic) Chairperson
 - (2) Dean (R&C) Member
 - (3) Chairperson, DRC/SRC of the concerned Department/School Member
 - (4) Concerned main Ph.D. Supervisor Member
- (ii) Recommendations of the committee will be placed before the Chairperson, Senate for consideration and final approval.
- (iii) All such approvals will be reported to the Senate for ratification and inclusion of the same in the Ph.D. regulations.

.....

**NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
OFFICE OF DEAN (ACADEMIC)**

REGISTRATION FORM (for Ph.D Students)

Name of Scholar : _____

Department / School: _____

Mode of Ph.D (Full Time/Part Time): _____

Source of Fellowship, if applicable: _____

Registration No. : _____

Weather Minority (Muslim, Christian, Buddhist, Parsi, Sikh, Jain): _____

Semester for which being registering: _____

Progress Report of previous semester: Submitted / Not Submitted

Address for Correspondence: _____

Contact No. : _____

E-mail : _____

Registration Details

| Semester Number | 1 st | 2 nd | 3 rd | 4 th | 5 th | 6 th | 7 th | 8 th | 9 th | 10 th | 11 th | 12 th |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| Semester Odd / Even | | | | | | | | | | | | |
| Academic Year | | | | | | | | | | | | |

| Sr. No. | Course code | Title | Credit (LTPCr) ** | SGPA/CGPA | Academic Year |
|---------|-------------|-------|-------------------|-----------|---------------|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |

Date of Delivery of comprehensive/Seminar/Pre-Synopsis (applicable for 3rd report onwards, attach DRC minutes of the same)

Name of present Institute where working (for part time candidates only)

Details of fee deposit:

| Bank Details | | | Transaction Details | | |
|--------------|------|--------|---------------------|------|--------|
| Bank/UPI Id. | Date | Amount | Transaction No. | Date | Amount |
| | | | | | |

Signature of Scholar with date

Progress Report: Satisfactory/Not satisfactory* (Attach SAC Report of previous semester)

(*If unsatisfactory, Chairperson DRC/SRC should enclose relevant observations of SAC)

Signatures of Supervisor(s) with date

Signature of Chairperson, DRC/SRC with date

Dean (Academic)

PROFORMA FOR Ph. D. COURSE WORK

Session (ODD/EVEN Semester)

1. Ph. D. Regn. No.:
2. Date of Regn:
3. Name of the research Scholar:
4. Father's Name:
5. Department:
6. Date of Birth:
7. Address:
8. Category (Full time/Part time):
9. Supervisor:
10. Area of Research:
11. Papers for Course work
 Paper-I:.....
 Paper-II:
 Paper -III:
 Paper-IV:.....
12. Remark (if any)

Signature of Supervisor

Signature of Student

Course Coordinators

Paper I:

Paper II:

Chairperson DRC

**To
Dean(Academic)**

Synopsis Forwarding

No.

Date:

Subject: Ph.D Synopsis Submission of Mr./Ms. _____

Registration No. _____

Please find enclosed the following documents for submission of Ph.D Synopsis of Mr./Ms.

Registration. No. _____ in the Department /School
_____ as a **Full Time/Part Time** (Tick Mark) Scholar.

1. Two hard copies of Ph.D synopsis report (both sided typed strictly)
2. One soft copy of Ph.D synopsis report (on a CD indicating reg. No. & Title) including soft copies of publications.
3. Panel of Examiners hard copy and soft copy to be mailed to :
deanacademicphd@nitkkkr.ac.in
4. Form Ph.D./Synopsis - I (enclosed).

**Signature of HOD/School Coordinator
with Date**

**To
Dean (Academic)**

Sub: Synopsis Submission Form:

Name of Research Scholar _____

Registration No. _____

Full Time/Part Time: _____

Department/School: _____

Thesis Title _____

A Summary

| Particular | Dates/Period | Remarks |
|--|---------------------|---|
| Date of Registration | | |
| Duration of Registration Period Including any extension | | Extension From..... To..... Vide letter no. |
| Course work (CGPA) (Copy of certificate enclosed) | | |
| Comprehensive viva exam (DRC/SRC minutes enclosed) | | |
| Pre-synopsis Seminar (DRC/SRC minutes enclosed) | |yrs Months after the date of registration |
| Synopsis Submission (DRC/SRC minutes enclosed) | | Monthsdays after the pre-synopsis seminar |

Certified that the candidate has published two research publication as per Ph.D. Regulations R-10.1 (Copies of the papers enclosed).

**Signature of Research Scholar
with date**

**Signature of Supervisor (s)
with date**

Documents Enclosed:

1. Course work proof
2. Comprehensive proof
3. Pre-Synopsis proof
4. Synopsis proof
5. Extension of registration proof (if any)

**Signature of Chairperson, DRC/SRC
with date**

Annexure-V
Thesis Forwarding

No.

Date:

Subject: Ph.D. Thesis Submission of Mr./Ms._____

Registration No._____

Please find enclosed the following documents for submission of Ph.D. Thesis of Mr./Ms.

_____Registration No.

_____ in the Department /School _____ as a **Full Time/ Part Time**

(Tick Mark) Scholar.

1. Two hard copies of Ph.D. Thesis (both sided typed strictly)
2. One soft copy of Ph.D. Thesis (on a CD indicating reg. No. & Title) including soft copies of publications.
3. Plagiarism report (approved by DRC)
4. Forms: Ph.D./Thesis I, II, III, IV (duly filled & relevant documents/proofs attached).

Signature of Chairperson, DRC/SRC
with Date

To

Dean (Academic)

Sub: Thesis Submission Details

Name of Research Scholar: _____

Registration No.: _____

Full Time/Part Time (Please Tick)

Department / School: _____

Mobile No. of Research Scholar: _____

Email Id: _____

Thesis Title: _____

Summary:

(i) In Journals: (SCI/ESCI/Scopus/Web of Science)

| Sr. No. | Details of publications | SCI/ESCI/Scopus/Web of Science | Paid/Non-Paid |
|----------------|--------------------------------|---------------------------------------|----------------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |

(ii) In Journals: (others):

| Sr. No. | Details of publications | others | Paid/Non Paid |
|----------------|--------------------------------|---------------|----------------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |

(iii) In Conferences:

| Sr. no. | Details of publications | Conferences | Paid/Non Paid |
|----------------|--------------------------------|--------------------|----------------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |

Signature of Research Scholar
With Date

| Particular | Dates/Period | Remarks |
|--|--------------|--|
| Date of Registration | | |
| Duration of Registration Period Including any extension | | Extension From.....to..... Vide letter no. |
| Re-registration date if applicable (Attach proof) | | |
| Course work (CGPA) (copy of certificate enclosed) | | |
| Comprehensive viva exam (DRC/SRC minutes enclosed) | | |
| Pre-synopsis Seminar (DRC/SRC minutes enclosed) | |YrsMonths after the date of registration |
| Synopsis Submission (DRC/SRC minutes enclosed) | |Monthsdays after the pre-synopsis seminar |
| Thesis Submission (DRC/SRC minutes enclosed) | | Monthsdays after the submission of synopsis |

**Signature of Supervisor(s)
with date**

**Signature of Chairperson, DRC/SRC
with date**

Documents Enclosed:

1. Course work proof
2. Comprehensive viva-exam clearance proof
3. Pre-Synopsis proof
4. Synopsis Submission proof
5. Extension of registration Proof (if Applicable)

SIMILARITY VERIFICATION

- 1. Name of the Scholar/Student:
- 2. Title of the Thesis/Work:
.....
.....
- 3. Name of Supervisor (s):
- 4. Department:

The above thesis/dissertation has been scanned for similarity detection. The report is as follows:

Software used Date

Similarity Index: Total word count

Signature of Student/Researcher/ First Author

- a. The similarity report of the above thesis/ dissertation has been reviewed by the undersigned.
The similarity index is within acceptable limit.
- b. The similarity index is above the accepted limit, because of the following reasons:
.....
.....

Signed by:
Student/First Author

Counter Signed by:
Supervisor(s)

Forwarded by Chairperson, DRC/SRC

SELF DECLARATION ON PLAGIARISM AND SUBMISSION

I,bearing Roll No.do hereby take oath and state (Points not applicable may be struck off):

1. That, I am registered for the programme and my thesis is titled as.....
.....
.....submitted in the Department of....., National Institute of Technology Kurukshetra.
2. That, the contents of my thesis/ dissertation/work submitted to the National Institute of Technology Kurukshetra, for the award of degree are original and my own work, and is within the acceptable limit of similarity. I have checked the thesis/dissertation through a similarity detection tool..... approved by the Institute.
3. That, if, after checking, my thesis for similarity by the Institute approved similarity checking software is found copied or comes under plagiarism, I will be solely responsible for it and Institute may have the sole right to take suitable action.
4. That, the work has not been submitted by me for the award of other degree in any other University/Institute.
5. That, I shall be responsible for any legal dispute/case(s) for violation of any provisions relating to my thesis/work.

Date:

Place:

Signature of the candidate

SELF-PLAGIARISM EXCLUSION CERTIFICATE

The content of the chapter no.(s)..... has/have been published/accepted/communicated/to be communicated in the following Journals/Conferences

1.
.....
2.
.....
3.
.....
4.
.....
5.
.....

This/these published work has/have been included in the thesis/work and has not been submitted for any degree to any other University/Institute.

Signed by:

Signature of the Candidate

Countersigned by:

Signature of Supervisor(s)



Department of -----
National Institute of Technology, Kurukshetra
Haryana, India-136119

Candidate's Declaration

I hereby declare that the work presented in the thesis entitled "-----
-----" in partial fulfillment of the requirements for the award of the Degree of **Doctor of Philosophy** and submitted in the Department of -----, of the National Institute of Technology Kurukshetra is an authentic record of my own work carried out during a period from **Month...., Year to Month...., Year....** under the supervision of Dr. -----, Department of -----, National Institute of Technology, Kurukshetra.

The matter presented in this thesis has not been submitted by me for the award of any other degree of this or any other Institute/University.

(Research Scholar Name)

(Reg. no.)

This is to certify that the above statement made by the candidate is true to the best of the knowledge and belief.

(Dr. -----)
Supervisor
Designation,
Department of -----
NIT Kurukshetra,
Haryana, India

Place: Kurukshetra

Date: Month, Date, Year

Annexure-XI

Form: Ph.D./Thesis/II

**NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
APPLICATION FORM FOR THE SUBMISSION OF Ph.D. THESIS**

(Particulars to be filled by the candidate neatly and legibly)

1. Ph.D Mode (Full Time/Part Time):.....

2. Title of thesis (Approved by DRC):

In

English.....

In

Hindi.....

...

3. Name (in Block letters):

In

English.....

In

Hindi.....

...

(Spellings of the name must be the same as on registration form)

4. Name of the Department:

5. (i) Whether belong SC/ST/BC/OBC (ii) PwD (Person with Disability): Yes/No

(iii) Minority(Muslim/Sikh/Christian/Jain/Buddhist/Parsi)

6. Father's Name (in Block letters):

In

English.....

In Hindi.....

7. Ph.D. Registration

No.....

8. (i) Date of Registration as a Ph.D. Candidate

(ii) (a) Thesis fee deposited vide Receipt No. _____ Amount _____
Date _____

OR

(b) Online transactions Details _____

9. Extension/Re-registration(if any specify): _____

10. Ph.D. Course Score (CGPA): _____ (It should fulfill the condition criteria of Ph.D. Ordinance)

11. Address:

(a) Permanent Address with Pin Code and Alternate Mobile number:

(b) Correspondence Address: _____

12. Comprehensive Examination held on date: _____

13. Pre-Synopsis Seminar held on date:

14. Date of Submission of Synopsis:

Signature of Candidate with date

15. Certificate that the thesis is complete and submitted on date _____

(Signature of Supervisor 1 with date)

(i) Name _____

Address: _____

(Signature of Supervisor 2 with date)

(ii) **Name:** _____

Address: _____

The particulars as filled are correct and have been verified. It is certified that the candidate fulfills all the conditions laid down in the Ph.D. rules and regulation and is eligible for submission of the Ph.D. thesis. The candidate has cleared all the dues vide the enclosed "No Dues certificate:"

The names of examiners have already been recommended by the DRC and sent to the Dean (Academic) on date:

**Signature of HOD/School Coordinator
with date**

UNDERTAKING

I, _____ Reg. No. _____ Ph.D.
Scholar in the Department/School _____, have deposited the fee for all
the semesters and also returned all the equipment/items issued to me before submission of Ph.D.
Thesis.

Dated :

Signature of Candidate
Receipt No. _____
Discipline _____

Verified, nothing is due in the department /School ofwhere
the candidate is registered.

HOD/School Coordinator
Department/School.....

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

No Dues Certificate

Name of the candidate _____

Registration No. _____

Department /School _____

Signature of Candidate with date

The students is/was residing in this Hostel, nothing is due on account of Hostel.

Signature of Hostel Warden with date

Nothing is due on account of the Institute Dues.

Signature of AR (Accounts) with date

Nothing is due on account of Institute Library.

Signature of Librarian of Institute

Nothing is due on account of CCN.

**Signature of Prof. I/C (CCN)
(Domain Id will remain active till one year after viva-voce)**