

OFFICE OF DEAN ACADEMIC AFFAIRS

NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

Hazratbal Srinagar, J&K INDIA - 190 006



RULES AND REGULATIONS OF

DOCTOR OF PHILOSOPHY

(Ph.D.)

(STATUTES Covered till September 2017)

1. INTRODUCTION:

National Institute of Technology (NIT) Srinagar, J&K Srinagar offers postgraduate programme leading to the award of Ph.D. Degree through its Departments. The award of Ph.D. Degree is in recognition of high academic achievements, quality research and application of knowledge to the solution of technical and scientific problems in Science, Technology, Humanities, Social Sciences and Management

The Institute also encourages research in interdisciplinary areas through a system of co-supervision and provides excellent opportunities for such programmes. The Institute undertakes, sponsored research and development projects from industrial and other organisations in the public as well as private sectors. It is desired that the research work be an original work characterized either by the discovery of facts or by a fresh approach towards the interpretation and application of facts, or development of equipment making distinct advance in Science and Technology. It shall evince the candidate's capacity for critical examination and sound judgment and shall represent original contribution to the existing knowledge.

1. DEFINITIONS:

- i) **"DRC"** shall mean Departmental Research Committee.
- ii) **"DC"** shall mean Doctoral Committee
- iii) **"Applicant"** shall mean and individual who applied for admission to the Ph.D. Programme of the National Institute of Technology, Srinagar on a prescribed application form.
- iv) **"BOS"** shall mean the Board of Studies of a Department of the National Institute of Technology, Srinagar.
- v) **"BORS"** mean Board of Research Studies of the Institute.
- vi) **"Co-Supervisor"** shall mean an additional supervisor approved by the BORS on the recommendations of the department to help in the accomplishment of the research work of the candidate.
- vii) **"DAA"** shall mean the Dean Academic Affairs of the Institute.
- viii) There are two Associate Deans, **ADAA** shall mean Associate Dean Academic Affairs, and **ADE** shall mean Associate Dean Examinations. ADE has replaced COE Controller of Examination. Both Associate Deans shall work independently under the supervision of DAA

-
- ix) HOD shall mean Head of the Department
- x) DR (A) shall mean Deputy Registrar Academics
- xi) **"Degree"** shall mean the Degree of Doctor of Philosophy (Ph.D.) of the National Institute of Technology, Srinagar.
- xii) **"Educational Institution"** shall mean those colleges/Institutions which offer Bachelor's Degree or Higher.
- xiii) **"Full-Time Research Candidate"** shall mean a person registered for Ph.D. Degree devoting full time for completing the degree requirements.
- xiv) **"Institute"** shall mean the National Institute of Technology, Srinagar.
- xv) **"Institute Research Candidate"** shall mean a person registered from the Institute for Ph.D. Degree as a full time research candidate.
- xvi) **"Minimum Registration Period"** shall mean the minimum period for which a candidate must be registered.
- xvii) **"Part time Research candidate"** shall mean a person who is registered for the Ph.D. degree and will devote part of his/her time towards this pursuit and devote part of time towards the discharge of his/her official obligations.
- xviii) **"Registration Period"** shall mean the length of time span commencing with the date of initial registration at the Institute on full-time basis.
- xix) **"Sponsored Research Candidate"** shall mean a full time research candidate excess that he/she receives complete financial support from the sponsoring organisation/(him/her) employer during the research period.
- xx) **"Supervisor"** shall mean a permanent member of the academic staff of the Institute approved by the BORS on the recommendation of the Department/Centre to guide/supervise the research/academic work of the candidate.

The Institute provides facilities for research leading to the degree of Doctor of Philosophy (Ph.D.). Ph.D. Degree Program is offered in the following Faculties

1. Faculty of Engineering
2. Faculty of Science
3. Faculty of Social Science, and Management

Under these faculties the various departments offering Ph D program are listed as under:

- I. Civil Engineering
- II. Electrical Engineering
- III. Mechanical Engineering
- IV. Electronics and Communication Engineering
- V. Metallurgical and Materials Engineering
- VI. Chemical Engineering
- VII. Computer Science and Engineering
- VIII. Mathematics
- IX. Physics
- X. Chemistry
- XI. Humanities , Social Sciences and Management

2. ADMISSIONS

2.1 Student Categories: There are seven types of student categories in the Ph.D. Degree Program

A Full time:

a) Full-Time student on Institute fellowship.

b) Full-time Government/Semi-Government Fellowship awardees / QIP / FIP (UGC) / CSIR / UGC / DOE / DST / DBT / NBHM (recognized by Institute from time to time).

c) Full-time project fellows/JRF/SRF appointed in R&D organizations

d) Full-time Sponsored student from Industry/R&D organizations.

B. Integrated Full Time Ph D: Full-time student on Institute fellowship after B Tech

C Part time:

e) Permanent faculty and other permanent staff of NIT, Srinagar

f) External scholars sponsored by Government/Semi-Government organisations/Industry/ National laboratories (Approved by Senate)

Regular Research Scholars of the Institute shall be designated as JRF and SRF as applicable

2.2 ELIGIBILITY: See ANNEXURE I

2.2.1 Certificates to be attached at the time of submitting application for admission to Ph D course... ANNEXURE II

2.3 Entrance Examination for M Phil/Ph D : Institute invites application for admission in MPhil/Ph d Program twice a year, Spring session and Autumn Session

For spring session, process starts in the month of Jan-Feb and registration of candidates is done in the first week of March, For Autumn session, advertisement is floated in the month of June- July and registration is done in the first week of August, every year.

Institute conducts entrance examination after following the below mentioned procedure:

- I. After floating the advertisements application forms are screened by the respective Department. List of candidates eligible for writing entrance examination are uploaded by the respective departments on Institute website
- II. An entrance examination consists of MCQ type papers comprising of 60 questions. These consist of 30 questions from core area, 15 from allied area and 15 from general aptitude. This carries 70% weight age.
- III. For ensuring smooth, transparent examination coding of the response sheets will be done by the coding officer approved by the Director
- IV. This will be followed by viva voce examination which carries 30% weight age.
- V. Minimum qualifying marks will be 35%. Candidates securing less than 35% will be declared ineligible.
- VI. On the basis of these two components (Written + Viva) final merit list will be declared by the Chairman Evaluation Committee, which will be forwarded to the Heads of the Department for allotment of supervisors. Allotment of supervisors will be made on the basis of i)

choice forms filled by the candidates, ii) merit obtained by the candidate in the entrance examination conducted by the Institute, iii) slots available in the department and iv) slots available with the supervisor

- VII. A list of prospective supervisors with their specialized areas will be available on the Institute website for the information of the candidates. Aspiring candidates will be asked to fill the choices of their supervisors with corresponding research areas for allotment.
- VIII. Every department will be having DAC (Departmental Admission Committee). The constitution of DAC is as under:

Head of the DepartmentChairperson DAC

Prospective Supervisors.....Members

Directors NomineeMember

- IX. DAC will finalize the recommended list on the basis of merit obtained by the candidate in entrance examination and choice form submitted by the candidate
- X. Choice form submitted by the candidate will be verified by the verifying office nominated by the Department. Choice form once submitted cannot be changed. Original choice forms are to be retained by COE/Academic office. Xerox copies are to be provided to the Department for admission purposes.
- XI. DAC will submit the recommended list of candidates for M Phil/Ph D program to the Director through Dean Academic Affairs for approval.
- XII. After obtaining approval of competent authority, lists will be uploaded on Institute website for registration under rules. Admission will be provisional and will be subject to the verifications of all necessary documents submitted under statutes.
- XIII. Part time candidates will be given a time limit of two and half months for submitting the required documents
- XIV. Documents which are required at the time of registration under sponsored category are as under:
- XV. No Objection Certificate & Sponsorship Certificate from the employer..

-
- XVI. Proof of 02 years regular services
 - XVII. Deputation order from employer for 06 months from start of enrolment for completing course work for part time candidates.
 - XVIII. Internal faculty and Institute candidates will be exempted from any test and deputation order by this Institute
 - XIX. Students cannot be registered beyond approved and notified dates.
 - XX. Admission to a student will be cancelled in case he/she fails to register within the stipulated time
 - XXI. After successful registration the list of the candidates enrolled for each Department will be sent to respective Departments by DAA office.
 - XXII. Candidates enrolled will report to the Head of the Department through Supervisor concerned
 - XXIII. Reservation Policy in Admission: Reservation policy as prescribed by Govt. of India/ MHRD from time to time shall be applicable.
 - XXIV. Doctoral committee (DC) for each student will be proposed by the concerned supervisor and approved by the Director

Constitution of DC : It consists of following:

- *Head of the department* *Chairperson*
- *Supervisor (s)* *Member(s)*
- *Faculty from Department* *Member*
- *Directors Nominee* *Member*

If the Research Supervisor happens to be the Head of the Department, another senior faculty member in the committee will be the Chairperson.

FUNCTIONS:

1. To formulate the course work of the candidate.
2. To scrutinize syllabi of courses of self-study (if any) prepared by the Research Supervisor(s) and send the same to the Dean (Academe Affairs).
3. To finalize and forward the grades of the Candidate in each of the courses to the Dean-Academic.
4. To review the progress of the candidate once in every six months and send the progress report to the Dean-Academic.
5. To asses and approve the research proposal of the candidate.

6. To assess and approve the adequacy of the work in the Pre synopsis seminar and communicate the same through Chairman Senate through DAA.
7. To recommend any recommendation during the Ph D tenure
8. Plagiarism certificate should be given by DC
9. All recommendations in respect of candidate during Ph D tenure should be routed through DC

XXV. Registration:

A student is mandatorily required to register in person every semester as per schedule mentioned in the approved academic calendar. The registration will be done departmentally under the supervision of Head of the Department/ Coordinator. The registration process (in subsequent semesters) involves the following steps:

- Submission of duly filled up/completed movement form.
- Payment of fees of that semester.
- Submission of a satisfactory progress report through the Doctoral Committee (DC) of the candidate.

After the completion of course work a Ph.D. student shall have to give a presentation before the Doctoral Committee (DC) for showing the progress made during that semester on his/her thesis work.

4 . Ph D PROGRAM STRUCTURE:

The Ph.D. Degree Program Structure consists of the following stages:

- i) Ph.D. Course work and evaluation
- ii) Oral comprehensive examination
- iii) Research proposal submission and assessment
- iv) Periodic Assessment of research progress
- v) Pre-Ph D Viva voce examination and submission of synopsis
- vi) Submission of Ph.D. thesis
- Vii) Evaluation of Ph D work by two examiners, one National and One International
- Viii) Viva Voce Examination by the board of Examiners.

4.1 Ph.D. Course work and evaluation

4.1.1 The minimum course credit requirement for all categories except Integrated Ph D is 10, which includes a course compulsory on Research Methodology. For Integrated Ph D the minimum course requirement is 24. Research methodology is a compulsory course here also

4.1.2 Candidate who would have already completed Research Methodology at M. Phil level may opt for other courses

4.1.3 Courses should be approved by BOS at PG level. In case there is no PG programme, separate courses for Ph D should be approved by respective DCs and BOS.

4.1.4 A candidate is required to enroll for the appropriate PG course(s). If the required course is not available in the existing curricula, instructions in the subject will be imparted in Self-Study mode, following all the steps like assignments, examination etc. as prescribed for a regular course. Candidate is required to complete 10 credit course, among which a course in Research Methodology is a compulsory course. Candidates must complete all the assigned course work, in the seven-grade system (A⁺, A, B⁺, B, C⁺, C, FAIL), with a grade not lower than C in each of the courses. For continuation of fellowship CGPA of 7.0 is essential.

4.1.5 If candidate gets a grade less than C, he may be permitted to do the same course in self study mode in the subsequent semester.

4.1.6 The syllabi for all the new courses to be offered to a Ph. D student must be approved by the DC and subsequently by BOS

4.1.7 The maximum time for course work completion is (three semesters) one and half year of registration.

4.1.8 The maximum time for course work completion is 24 months for Integrated Ph D candidates.

4.2 Oral Comprehensive Examination

4.2.1 Oral comprehensive examination shall be conducted by respective DCs of the candidate.

4.2.2 Comprehensive Examination should be evaluated under satisfactory and non satisfactory grade

4.2.3 In case unsatisfactory comprehensive Evaluation remarks, candidate be advised to improve.

4.2.4 Oral comprehensive examination of the Ph D scholar which shall be completed within 18 months from the date of first registration in case of candidates with M Tech/PG qualifications and 24 months in case of candidates with B Tech qualifications.

4.3 Research proposal submission and assessment

4.3.1 Every Ph.D. student is required to submit his/her research proposal after the completion of the course work. The research proposal must contain details including problem identification, state of the art technology, plan of research work etc. The DC will assess the proposal through a seminar/presentation and communicate the recommendation for approval to the DAA. The research proposal will be put to BORS/Senate for approval .

4.4 Periodic assessment of research progress

4.4.1 After the approval of the research work proposal, assessments are made periodically, at the end of each semester, to ensure satisfactory progress. The research scholar shall submit through his/her supervisor(s), a progress report of his/her research work, to the concerned DC twice a year. The DC will communicate to the DAA about the periodic progress. The continuance of registration of all research scholars is subject to satisfactory progress made by them.

4.5 Pre-Ph D Viva voce examination and submission of synopsis

4.5.1 Prior to pre-Ph D Viva, the scholar is required to have two papers published or accepted for publication, in reputed peer reviewed journals. The journals should be non paid.

4.5.2 Prior to submission of the synopsis of the thesis, a comprehensive assessment of the research work should be made by DC by a Pre-Ph D Viva voce examination..

4.5.3 The candidate can submit the synopsis only if DC is satisfied about the adequacy of work for submission as a Ph.D. Thesis.

4.5.4 The Chairman of the DC shall send the assessment report on the Pre-Ph D Viva voce examination to the DAA.

4.5.5 The synopsis must be submitted at least three months before submitting the thesis. At least three printed copies and one soft copy of the synopsis shall be submitted to the DAA through the DC. The synopsis must contain objectives of the work, methodology involved and organization of thesis including references of research work,

4.5.6. DC should certify that the Pre-Ph D Viva voce examination has been completed satisfactorily

4.5.7 On successful completion of the Pre-Ph D Viva voce examination the DC will recommend to the Chairman of the Senate a panel of six experts prepared by Supervisor and Chairman DC, three from India and three from abroad, to examine the thesis. Experts from the panel shall be appointed by the Chairman of the Senate as external examiners. The supervisor(s) will be the internal examiner(s). The thesis shall be forwarded to, these examiners who shall report separately on the thesis and forward their recommendation to the DAA in a format (Annexed III) along with a detailed report on the work undertaken.

4.6 Ph.D. Thesis Submission

4.6.1 The Ph.D. Thesis must be submitted within three months after the submission of the synopsis. A candidate shall submit four copies of the thesis, neatly typed or printed and soft bound.

4.6.2 Plagiarism certificate should be given by DC

4.6.3 After conduct of viva voce examination Ph D thesis be submitted in hard bound copy.

4.6.4 In addition to Plagiarism certificate declaration certificate should be submitted by candidate and supervisor (s).

4.6.4 The colour code for PhD thesis is MAROON RED

4.7 Evaluation of Ph D work by two examiners, one National and One International

4.7.1 On successful completion of the Pre-Ph D Viva voce examination the DC will send to the Chairman of the Senate a panel of six experts prepared by Supervisor and Chairman DC, three from India and three from abroad, to examine the thesis. Experts from the panel shall be appointed by the Chairman of the Senate as external examiners. The supervisor(s) will be the internal examiner(s). The thesis shall be forwarded to, these examiners who shall report separately on the thesis and forward their recommendation to the DAA.

4.7.2 The examiners can recommend the thesis in a format (Annexure III) along with the detailed report on thesis.

4.5.3 The reports of the examiners shall be examined by the DAA and will be submitted to Chairman of the Senate for permission to conduct final viva voce examination.

4.8 Evaluation Procedure

After the synopsis is submitted and the panel of examiners approved, the DAA will send a confidential email to each approved national and foreign examiner enclosing a copy of the synopsis and requesting him/her to serve as an examiner for the thesis. If the examiner refuses or no response is received within 15 days, then the examiner approved at preference no. 2 is approached and his/her consent sought for evaluation of the thesis.

On receipt of the acceptance of the examiner, a copy of the thesis along with the thesis evaluation form (as per the prescribed format, Annexure-III) for the examiner's report will be sent to each examiner both in hardcopy and softcopy (by email).

An examiner will be given 90 days time to evaluate the thesis and submit the evaluation report.

The remuneration for thesis evaluation shall be @ USD 200 for foreign examiners and INR 5000 for national examiners. In addition, the national examiner shall conduct the oral examination of the thesis at the Institute premises for which a remuneration of INR 2500 shall be paid in addition to

TA/DA as admissible under rules. However, the evaluation remuneration for national examiner shall be paid along with the remuneration for oral examination.

In case the national examiner who evaluates the thesis cannot conduct the oral examination, another examiner from the approved panel shall be appointed for the purpose.

On receipt of the satisfactory reports from both the examiners clearly recommending the award of Ph.D. degree, the approval for conduct of Viva-Voce Examination (VVE) examination shall be obtained from the Chairman, Senate.

The Ph.D. VVE examination shall be an open examination. The chairman of the board will fix a date for the oral examination in consultation with the members of the board and intimate the date to the Academic section.

The Ph.D. candidate shall have to give a presentation of his work before the viva voce board (VVB) and answer the questions put to him/her during the presentation.

The VVB examination board shall give the final report/ recommendation for the award of Ph.D. degree in favour of the candidate which will be communicated by the Chairman VVB to the DAA. Based on this recommendation the result notification will be issued by the Controller of examinations after seeking prior approval from the Chairman, Senate.

4.9 Conduct of final Viva voce Examination

4.9.1 Once the reports of the examiners have been accepted as satisfactory, the candidate will have to defend his thesis before a viva-voce board (VVB) consisting of following members:

1. Head of the Department	Chairperson
2. DAA	Member
3. External Examiner (Indian)	Member
4. Supervisor (s)	Member

The other members of the DC of the student will be invitees to the Oral Examination.

4.9.2 Viva Voce examination is open for all. Information regarding conduct of Ph D viva voce should be notified by ADE/HOD to all departments for participation of interested faculty and students. DC members of the candidates are necessarily requested to join viva voce examination.

4.9.3 After the conduct of successful viva-voce examination (VVE), the hard copy of thesis be submitted to DAA office. In case some suggestions are put forth at the time of VVE, the same may be incorporated in the final and hard bound thesis copy. In addition to the thesis copies prepared for supervisor(s) two copies of hard bound thesis be provided to DAA along with the final recommendation of VVB in respect of the candidate. 4.8.3 The recommendations of the viva-voce board are forwarded to ADE for the declaration of result notification and issuance of provisional certificate in favour of the candidate after submission of a duly signed NOC under rules.

4.9.4 Viva voce examination of a candidate can be conducted through video conference mode in case Indian Examiner of the thesis is unable to come to Institute for conducting the Viva voce examination. The other modalities for conduct of examination will remain same.

4.9.4 If the VVB finds the performance of the student unsatisfactory, the student will be asked to reappear for another oral examination at a later date (not earlier than a month and not later than six months from the date of the first oral examination).

4.10 AWARD OF THE DEGREE

9.1 On the recommendation of the Viva-Voce Board, the Senate shall decide whether the candidate should be recommended to the Board of Governors for the award of the degree of Doctor of Philosophy.

9.2 The Senate may authorize its Chairman to recommend to the Board of Governors, a candidate for the award of the Degree of Doctor of Philosophy, if he/she has completed all the requirements successfully and has been recommended by the VIVA VOCE EXAM BOARD.

4.11 Depository with INFLIBNET:

10.1 Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree(s), the Institution

concerned shall submit an electronic copy of the Ph. D. thesis to the INFLIBNET, for hosting the same so as to make it accessible to all Institutions/Colleges.

10.2 Prior to the actual award of the degree, the Institute shall issue a provisional Certificate subject to the submission of NOC under rules.

5. Publication:

1. At the time of submission of synopsis for Ph D degree there should be two non paid peer reviewed Journal publications.
2. The research papers published should be authored by registered supervisors only.
3. In case published research paper include author other than registered, the bonafide of author and necessity should be recommended and approved by concerned DC of the candidate
4. Part time scholars working in the Institute are supposed to communicate the work for publications under the name of the Department and Institute. They may acknowledge their parent organization/sponsoring Organization
5. After award of the degree, if a candidate is publishing the work of his Ph D degree, the same should be communicated from the Institute. In case of any collaborative or additional work from other Institutes, communication can be made under the address of the Institute other than NIT.

6. RESEARCH SUPERVISOR(s):

6.1 In each department, applicants will be given the details of research areas proposed by various faculty members for Ph.D. programs at the time of entrance examination for the course, so that they will have an opportunity to discuss regarding those areas with the respective faculty members and thereafter, indicate their choice in the order of preference in a choice form.

6.2 A committee called Departmental Admission Committee DAC constituted by the Director will award the research supervisor on the basis of merit, choices filled by the candidates and slot available in the Department and with the particular faculty member.

6.3 Depending on the research requirements, Co supervisors will be recommended in respect of the candidate at the time of research proposal submission. The co supervisors or change of supervisors can be recommended by respective DCs to DAA for approval in the BORS / Senate within 18 months of registration. Co Supervisors outside Institute need to get registered with the Institute after recommendation from the Department after fulfilling the requirements. The candidature of Co supervisors be submitted to DAA for approval in BORS/Senate.

6.4 Co- supervisor(s) need to be permanent faculty with requisite Ph D degree and appropriate research experience in the area.

6.5 Change of research supervisor(s), under exceptional circumstances shall be permitted by the senate, on recommendation of DC after consulting (i) the research scholar (ii) the allotted supervisor(s) and (iii) the proposed supervisor(s). Recommendations are to be put before BORS for approval or ratification by the Senate

6.6 At any given time, the maximum number of research students registered with a faculty member shall not exceed eight, irrespective of position.. This number excludes the Ph.D. scholars, who had already submitted the synopsis of the Ph.D. thesis. The JRF/SRF sponsored by external approved financial and R&D organization registered under a Research Supervisor is over and above this quota.

7.RESIDENTIAL REQUIREMENT:

In the case of part-time external candidates from approved organizations having R&D facilities, the residential requirement is continuous six months. This is called residency period. The period should be with due permission of parent organization without any break. The residency period should be a continuous period.

8.MINIMUM AND MAXIMUM PERIODS OF THESIS SUBMISSION

- I. Minimum duration for full time is two and a half year
- II. Minimum duration for Integrated Ph D category is four years
- III. Maximum duration for full time is 7 years
- IV. Minimum duration for part time is 4 years

V. Maximum duration of part time is 8 years

However, for candidate having M.Phil., Minimum duration for completion of Ph.D. will be 2 years and Maximum 7 years, provided M.Phil. is in same area of research.

9. INSTITUTE FELLOWSHIP

All full time scholars admitted under Institute fellowship are eligible for scholarship. Part-time candidates and full-time faculty members of the Institute admitted as part- time scholars shall not be eligible for any kind of fellowship.

10. TENURE OF SCHOLARSHIP:

Tenure will be decided as per guidelines form MHRD (See Annexure IV). Tenure of fellowship will be end as per MHRD guidelines or conduct of viva voce examination whichever is earlier.

11. SCHOLARSHIP

11.1 The value of the Institute Research Scholarship for scholars possessing the required qualification at the time of admission to the research program shall be as per the guidelines of MHRD, Govt. of India. For scholarship See MHRD guide lines under Appendix IV

11.2 In the first instance, the assistantship will be awarded for one semester, continuation of the assistantship during the subsequent semesters is contingent upon satisfactory academic performance and satisfactory performance in the discharge of responsibilities assigned under the assistantship scheme. For this purpose an CGPA of 7.00 at the end of a semester in respect of those semesters when the students has been assigned course work will be considered as satisfactory performance.

11.3 For a registered candidate, on completion of two continuous years of research work, there will be an evaluation by the DC and an expert from outside, for considering and recommending an enhancement in the value of scholarship. The expert shall be appointed by the chairman Senate from the panel given by supervisor and HOD through DAA. The committee will reassess the candidate's work after the period so fixed. If satisfied, the committee

will recommend the enhancement of the scholarship. The committee should also indicate the date from which the enhanced value will be effective.

11.4 A research scholar may be assigned academic responsibilities up to six hours per week (like tutorial classes, laboratory demonstration work, conduct of seminar/symposia, running and maintenance of equipment, computer etc.) as may be decided by the Head of the Department.

12. LEAVE:

As per MHRD guide lines only (See Appendix IV). No other leave is permissible to the research students.

13. Cancellation of Admission:

Cancellation of Admission in respect of any enrolled candidate is allowed under the following condition:

- i. When two consecutive unsatisfactory progress reports recommended by DC are received by DAA office.
- ii. Break in registration without approval.
- iii. A research scholar shall maintain, besides satisfactory academic progress, good conduct, behaviour and discipline in the Institute. In the event of a scholar being found to be involved in any act of misconduct, misbehaviour, indiscipline or use of unfair means at any examination, recommendations of Institute disciplinary committee for cancellation of admission approved by the Chairman Senate will be implemented.

14. Withdrawal of Admission:

Withdrawal of admission can be processed on the request of the candidates duly endorsed by the concerned supervisor and HOD. The candidate and his parent will have to submit an affidavit mentioning that withdrawal of admission is requested on his own wish and will and in future candidate shall not ask for renewal or continuation of admission in that course.

15. GUIDELINES FOR ADMISSION OF SRFs JRFs IN CSIR / DST / DEFENCE LABORATORIES / GOVERNMENT R&D ORGANIZATIONS / IIMs

- 1.They will have to be permitted by the organizations, they are attached to, for admission to this Institute for pursuing Ph.D. program.
- 2.Applications from such candidates will be received twice a year, against routine advertisements in the news paper(s).
- 3.Selection will be made as per the normal procedure of the Institute.
- 4.The candidate must have qualified in GATE / NET as the case may be.
- 5.They must be SRF's / JRF's or of equivalent position attached to CSIR / DST / Defence Laboratories / Government R&D Organizations / IIMs.
- 6.No scholarship or financial assistance be provided to such candidates.
7. Minimum residential requirement for such candidates for course work etc. shall be as per Institute rules
- 8.In case of candidates from such Institutions, certificate from the Director of the Institute will be required confirming that such candidates, have not/will not, register for any other academic programs of any Institute while pursuing Ph.D. program at NIT Srinagar

All conditions including minimum qualifications for admission to the Ph.D. program prescribed for other categories of scholars would apply to these candidates as well.

16. Conversion of Full time Research Programme to Part Time :

17.1 When a candidate gets a job in the wake of which candidate wants to leave the Institute but simultaneously wants to continue with the study, conversion of full time Research Programme to Part Time is allowed under following conditions:

- I. Candidate should have completed the residency period of six months.
- II. Candidate should have completed the course work

III. NOC form the employer to continue with the Ph D programme should be submitted

IV. NOC is to be submitted within 10 months from the date the candidate leaves the Institute for joining the job.

V. Request should be endorsed and recommended by DC

17. Departmental Research Committee (DRC):

The committee shall comprise:

- | | | |
|----------------------------|-----|---------------------|
| 1. Head of the Department | ... | Chairman |
| 2. One Professor | ... | By Rotation, Member |
| 3. One Associate Professor | ... | By Rotation, Member |
| 4. One Assistant Professor | ... | By Rotation, Member |
| 5. Supervisor/s | | Member |

DRC shall remain valid for two years. After two years DRC need to be renewed.

18. Constitution of BORS:

- | | | |
|---------------------------------|------|------------------|
| 1. Director | ... | Chairman |
| 2. All Heads of the Departments | ... | Member |
| 3. Dean, Academic Affairs | ... | Member Secretary |
| 4. All Associate Deans | | Members |
| 4. All Supervisors | ... | Members |

Terms: 1. To frame the policies, rules and regulations for research programme in the Institute

2. To consider the recommendations of DCs of Departments for approval.
3. To consider any matter regarding research activity in the Institute

19. Departmental Board of studies (BOS)

It shall comprise 7 members as:

1. Head of the Department Chairman
2. 1 Professor
3. 2 Associate Professors

4. 1 Assistant Professor
5. 2 External members from the panel recommended by HOD and approved by the Director

It shall meet once in a year or as and when required by the Institute

Terms:

- i. To prepare/revise and upgrade the syllabi for UG and PG programme
 - ii. To recommend additional /new/ PG and UG programmes
 - iii. BOS once constituted shall remain effective for two years
-

Any issue not covered under above guidelines may please be referred to Chairman Senate.

ANNEXURES

ANNEXURE I:

Eligibility criteria for applying in M/Phil/Ph.D Programme in NIT Srinagar

Office of the Dean Academic Affairs

National Institute of Technology, Hazratbal, Srinagar.

ADVERTISEMENT NOTICE

DATED:22-12-2015

Applications are invited for enrolment in Ph.D/ M.Phil programmes in the following departments for the Academic session Spring- 2016.

S.No.	Department	Areas of Research	Eligibility Criteria
1.	Civil Engg.	<p>Structural Engineering: Structural Engineering, Earthquake Engg, Finite Element Analysis, Concrete Technology, Tall Buildings, Civil Engg. Materials, Reinforced Concrete,</p> <p>Water Resources Engineering: Hydraulic Structures and Water Resource Engg., Hydrology and water Resource Engineering, Sediment Transport, Environment and Water Resources Engineering, Hydrology and Hydraulic Structures, Fluvial Hydraulics,</p> <p>Transportation Engg Transportation Engineering/Planning,</p> <p>Geotechnical Engg Geotechnical Engg./Soil Dynamics, Ground Improvement Techniques,</p> <p>Geology Engineering Geosciences and Rock Engineering</p>	<p>ME/M.Tech in relevant field of Engineering with a minimum CGPA of 6.5 or not less than 60% for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __at Master's level or any other equivalent qualification recognized by the Institute.</p> <p style="text-align: center;">OR</p> <p>BE/B.Tech with valid GATE score above the prescribed cut off level/NET Qualification. The candidates shall have a minimum CGPA of 8.0 or not less than 75% for General Category/OBC and for SC/ST minimum CGPA of 7.5 or not less than 70% at BE/B Tech level</p> <p style="text-align: center;">OR</p> <p>Master's degree in Applied Geology/Earth Sciences or an allied area, satisfying each of the following criteria:</p> <p>a) A minimum of 65 percent marks/6.5 CPI in the master's degree.</p>

			<p>b) First division in bachelor's degree, and</p> <p>c) With a valid Gate score or UGC/CSIR NET/NBHM or equivalent qualification in the relevant area tenable for the year of registration.</p>
2	Electrical Engg.	Power System Dynamics & Control, Application of Energy Storage Devices to Power Systems, Power Systems Operation & Optimization, Energy System Planning & Auditing, Stand Alone Power System, Wind Energy Conversion Systems, Power Electronics Power Quality, Electric Drives & Flexible AC Transmission System.	<p>ME/M.Tech in relevant field of Engineering with a minimum CGPA of 6.5 or not less than 60% for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __ at Master's level or any other equivalent qualification recognized by the Institute.</p> <p style="text-align: center;">OR</p> <p>BE/B.Tech with valid GATE score above the prescribed cut off level/NET Qualification.</p> <p>The candidates shall have a minimum CGPA of 8.0 or not less than 75% for General Category/OBC and for SC/ST minimum CGPA of 7.5 or not less than 70% at BE/B Tech level</p>

3	Electronics & Communication Engg.	Image Processing, Wireless Networks, Biometrics, Analog and Digital Communication, Microwave and Radar Engineering, Data Communication, Microelectronics, Analog and Digital VLSI Design, Radio frequency IC Design, Molecular Nanosciences and Electronics.	<p>ME/M.Tech in relevant field of Engineering with a minimum CGPA of 6.5 or not less than 60% for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __ at Master's level or any other equivalent qualification recognized by the Institute.</p> <p style="text-align: center;">OR</p> <p>BE/B.Tech with valid GATE score above the prescribed cut off level/NET Qualification.</p> <p>The candidates shall have a minimum CGPA of 8.0 or not less than 75% for General Category/OBC and for SC/ST minimum CGPA of 7.5 or not less than 70% at BE/B Tech level</p>
4	Mechanical Engg.	Fracture Mechanics, Thermoelasticity and Finite Element Method, Thermal Systems, Fluid Mechanics, Heat Transfer and IC Engines, Tribology and Tribosystems, Mechatronics, Vibration Analysis, Dynamics and Control.	<p>ME/M.Tech in relevant field of Engineering with a minimum CGPA of 6.5 or not less than 60% for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __ at Master's level or any other equivalent qualification recognized by the Institute.</p> <p style="text-align: center;">OR</p> <p>BE/B.Tech with valid GATE score above the prescribed cut off level/NET Qualification.</p> <p>The candidates shall have a minimum CGPA of 8.0 or not less than 75% for General Category/OBC and for SC/ST minimum CGAP of 7.5 or not less than 70% at BE/B Tech level</p>

5	Chemical Engg.	Chemical & and Biochemical Engineering, Membrane separation processes, Membrane development and characterization, Fuel cells & Micro-channels.	<p>ME/M.Tech in relevant field of Engineering with a minimum CGPA of 6.5 or not less than 60% for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __ at Master's level or any other equivalent qualification recognized by the Institute.</p> <p style="text-align: center;">OR</p> <p>BE/B.Tech with valid GATE score above the prescribed cut off level/NET Qualification. The candidates shall have a minimum CGPA of 8.0 or not less than 75% for General Category/OBC and for SC/ST minimum CGAP of 7.5 or not less than 70% at BE/B Tech level</p>
6	Computer Science & Engg.	System Design & Reconfigurable Computing, Network Security, Computer Networks.	<p>i) 4 year BE/B.Tech in Computer Science & Engineering/Information Technology/Electronics & Communication Engineering.</p> <p>ii) ME/M.Tech in Computer Science & Engineering/Information Technology/Electronics & Communication Engineering. with a minimum CGPA of 6.5 or not less than 60% for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __ at Master's level.</p>
7	Metallurgy & Materials Engg	Foundry Technology (Metal Casting) Mechanical Metallurgy(Mechanical Behaviour and working of metals /alloys),Composites, Process Metallurgy and Metallurgy Engineering, Corrosion study of Joining of Materials, Powder Metallurgy, Magnetic Materials.	<p>ME/M.Tech in relevant field of Engineering with a minimum CGPA of 6.5 or not less than 60% for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __ at Master's level or any other equivalent qualification recognized by the Institute.</p>
8	Mathematics	Operation Research, Wavelet Analysis Complex Analysis, Sequence Spaces.	<p>Masters Degree in relevant field of Science with NET/GATE Qualification and a minimum CGPA of 6.5 or not less than 60%</p>

			marks for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __ at Master's level or any other equivalent qualification recognized by the Institute.
9	Physics	Space Condensed matter Physics, Renewable source of Energy, Nano materials, Nuclear Physics and Space plasma Physics.	Masters Degree in relevant field of Science with NET/GATE/JEST Qualification and a minimum CGPA of 6.5 or not less than 60% marks for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __ at Master's level or any other equivalent qualification recognized by the Institute.
10	Chemistry	Inorganic, Organic & Physical Chemistry.	Masters Degree in relevant field of Science with NET/GATE Qualification and a minimum CGPA of 6.5 or not less than 60% marks for General Category and for SC/ST/OBC minimum CGPA of 6.0 Or not less than 55% marks __ at Master's level or any other equivalent qualification recognized by the Institute.
11.	Humanities	General Management Financial, Management and Marketing Management	NET should be essential I.Masters Degree in relevant field of Science with a minimum CGPA of 6.5 or not less than 60% marks at Master's level or any other equivalent qualification recognized by the Institute. <u>FOR SC/ST/OBC CATEGORY CANDIDATES</u> 2. Masters Degree in relevant field of Science with a minimum CGPA of 6. Or not less than 55% marks at Master's level or any other equivalent qualification recognized by the Institute.

M. Phil Part time is not applicable.

ANNEUXRE II:

Documents to be submitted by candidates registering for Full time Ph D course under Institute Fellowship

1. MSC/M.Tech Marks Card of all semesters.
2. MSC/M.Tech Degree Certificate/Provisional Degree Certificate.
4. Matriculation /Date of Birth Certificate.
5. Migration Certificate
6. Character Certificate
7. Affidavit duly attested by Ist class Magistrate that I am not presently working in any Government/Semi government/Private or not on the rolls of any College/Institute/University.
In addition to the above the In-service (Sponsored) candidates are advised to submit the following documents.
8. Fee as per Institute rules/MHRD rules

Documents to be submitted by candidates registering for Sponsored/Full time/Part time Ph D course without Institute Fellowship

Sponsored Part Time/Full Time

- a) No Objection certificate and sponsorship certificate from the employer
- b) Proof of 02 years regular services.
- c) Deputation order from employer for 06 months from start of enrolment for completing course work in case of part-time candidates.
- d) Deputation order from the employer for 2 years and 6 months from the start of enrolment in case of full time sponsored/in-service candidates.
 1. MSC/M.Tech Marks Card of all semesters.
 2. MSC/M.Tech Degree Certificate/Provisional Degree Certificate.
 4. Matriculation /Date of Birth Certificate.
 5. Migration Certificate
 6. Character Certificate
 7. Fee as per Institute rules/MHRD rules