



Ph.D. REGULATIONS 2025

(Effective from the Academic Year 2025-26 Onwards)

राष्ट्रीय प्रौद्योगिकी संस्थान नागालैंड

**NATIONAL INSTITUTE OF TECHNOLOGY NAGALAND
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ORDINANCES

- 1.1 The National Institute of Technology Nagaland awards the degree of Doctor of Philosophy (Ph.D.) in Engineering / Science / Humanities and Social Sciences (HSS) / Management Studies to a student (also known as a research scholar) who successfully completes the stipulated Program of Research as per these rules and regulations.
- 1.2 The Program of Research with the governing rules and regulations is formulated by the Senate and approved by the Board of Governors of the Institute.
- 1.3 A student to be awarded the Ph.D. degree has to submit a thesis embodying the findings of their research. The thesis should make an original contribution of high quality to the advancement of knowledge as judged by experts in the relevant area.
- 1.4 A student becomes eligible for the award of the Ph.D. degree after fulfilling all the academic requirements as per regulations.
- 1.5 The degree shall be awarded by the Board of Governors of the Institute on the recommendation of the Senate.
- 1.6 The degree shall be awarded in the discipline in which the student registers for the Ph.D. program.
- 1.7 Notwithstanding all that have been stated in these regulations, the Senate has the power to alter, modify, or rescind any of the clauses of the governing rules and regulations from time to time.
- 1.8 Intake into the Ph.D. programs is not fixed. An eligible candidate shall be admitted only after the recommendation of admission committees and subsequent approval of the Chairman, Senate.
- 1.9 Plagiarism: As per the Oxford dictionary, plagiarism means copying another person's ideas, words, or works and presented as your own. It is nothing but an act or instance of using or closely imitating the language and/or thoughts of another author without authorization and the representation of that author's work as one's own without giving credit to the original author, including one's previous work (in part or whole). It is a serious problem in academia and adversely affects the prestige and esteem of the Institute, and at the same time the career of the individual concerned.

In case a student is found adopting or suspected of plagiarism, penal action shall be taken by the Institute as may be necessary to uphold the sanctity and integrity of the research and credibility of the Institute. All such cases may be taken suo-moto cognizance of by the Chairman, Senate in consultation with Dean (R & C). Cases of plagiarism may also be reported by examiners / supervisor(s) / DC / or any other person to the Dean (R & C) for consideration. After allowing the concerned student(s) to explain the conduct and defend against the charges, the Chairman, Senate on the recommendation of Dean (R & C) shall take action to impose on the concerned student(s) the appropriate penalty, including termination of registration or withdrawal of the awarded degree in case the same is detected after awarding the degree. All such allegations shall be settled preferably within 30 days

- 1.10 Any doubt about the interpretation of these Ordinances and Regulations shall be referred to the Chairman, Senate whose decisions shall be final.
- 1.11 Legal dispute, if any, shall be under the jurisdiction of Nagaland court(s) of Dimapur/Chumukedima district in the state of Nagaland only.

1. INTRODUCTION

The National Institute of Technology Nagaland (NITN) offers research programmes leading to the award of a Doctor of Philosophy (Ph.D.) degree. The Ph.D. programme involves course credits requirements and a research thesis. The institute also encourages research in interdisciplinary areas through a system of joint supervision and provides excellent opportunities for such programmes. The institute undertakes sponsored research and development projects from industries and other public and private organizations. The degree of Ph.D. is conferred on a Scholar in the topic of his/her research work in the areas recognized by the academic departments of the institute, subject to satisfying the conditions given in these regulations. The research work shall be an original work characterized either by the discovery of facts, by a fresh approach towards the interpretation and application of facts, or by the development of equipment making a distinct advancement in science & technology. It shall evince the Scholar's capacity for critical examination and sound judgment and shall represent an original contribution to the existing knowledge. The Ph.D. degree programme is offered in various academic departments as follows:

- (a) Civil Engineering
- (b) Computer Science Engineering
- (c) Electrical and Electronics Engineering
- (d) Electronics and Communication Engineering
- (e) Mechanical Engineering, and
- (f) Science and Humanities

2. ADMISSION CATEGORIES AND ELIGIBILITY

The Institute admits Ph.D. students under the following categories:

- (i) Group-A
- (ii) Group-B

2.1 Eligibility for admission under GROUP-A:

Regular: The category of students under Group-A Regular are those who work full-time for their Ph.D. and may receive a fellowship from the MoE / CSIR / UGC or any other recognized funding agency. Research Fellowship is available to Scholars who are admitted to Ph.D. programmes in different Departments subject to the availability as stipulated by the Ministry of Education (MoE). The award and renewal of the fellowship are as per the Supervisorlines issued by MoE from time to time.

1. Students for admission into Ph.D. Programs in Engineering Departments must satisfy one of the following criteria:
 - i) M.E./M.Tech. or equivalent with GATE/NET qualification in an appropriate area with a minimum CGPA of 6.5 (on a 10-point scale) or equivalent (60% of marks). For reserved candidates, a minimum CGPA of 6.0 (on a 10-point scale) or equivalent (55% of marks).

ii) B.E./B.Tech. with an excellent academic record with a valid GATE score and a CGPA of at least 8.0 (on 10-point scale) or equivalent (75% of marks). For graduates from IITs/NITs/CFTI/NIRF ranking within 100 (for the last three years), the minimum CGPA requirement is 7.0 (on 10-point scale). For reserved candidates, there is a relaxation of 0.5 CGPA or 5% of marks.

2. Students for admission into the Ph.D. Programs in Science/ Humanities / Social Science and Management departments must have a Master's degree in the relevant discipline with a GATE/UGC/CSIR/NBHM/NET/CAT/MAT, etc., score for admission with a minimum CGPA of 6.5 (on a 10-point scale) or equivalent (60% of marks). For reserved candidates, a minimum CGPA of 6.0 (on a 10-point scale) or equivalent (55% of marks) with a GATE/UGC/CSIR/NBHM/NET/CAT/MAT, etc., score for admission.

3. Students for admission into the Ph.D. Programs in Management Studies Departments must have a Master's degree in Business Administration or Master's degree in Engineering/Technology with a minimum CGPA of 6.5 (on a 10-point scale) or equivalent (60% of marks) or Master's degree in other disciplines with a minimum CGPA of 6.5 (on a 10-point scale) or equivalent (60% of marks). For reserved candidates, a minimum CGPA of 6.0 (on a 10-point scale) or equivalent (55% of marks) is required. All require a NET / GATE / UGC / CAT / MAT score, etc.

4. Students for admission into the Ph.D. Programs in Humanities and Social Sciences (HSS) Department must have a Master's degree in any field with a minimum CGPA of 6.5 (on a 10-point scale) or equivalent (60 % of marks) or a Master's degree in other disciplines with a minimum CGPA of 6.5 (on a 10-point scale) or equivalent (60 % of marks). For reserved candidates, a minimum CGPA of 6.0 (on a 10-point scale) or equivalent (55 % of marks). A score in NET / GATE / UGC is required for all.

2.2 Eligibility for admission under Group-B

No financial assistance or stipend by NITN will be provided for GROUP-B students. The following students will be considered under GROUP B:

- i) **REGULAR** - The regular students are those who work full-time for their Ph.D. and are self-financed.
- ii) **SPONSORED (Indian)**- The NITN may admit persons who are employed in Reputed Institutes / Research organizations/Reputed Industries / Government Organizations for doing research in the Institute on a full-time basis. The candidate should have at least two years of working experience in the respective field. The candidate must submit the filled-in sponsorship letter from the employer with the application for admission. The candidate shall not be entitled to any financial support from the Institute.
- iii) **SPONSORED (Foreign)**: These candidates are admitted through the embassy of the foreign government after approval from the Ministry of External Affairs and No Objection Certificate (NOC) from the Ministry of

Education (or) Study in India (SII) (or) admitted under MoU with NIT Nagaland.

2.3. Part-Time (Internal) Category:

Regular employees of NIT Nagaland are eligible to apply under this category through the proper channel.

2.4. Part-Time (External) Category:

Employees of Reputed Institutes, Research organizations, Reputed Industries, and Government organizations are considered under this category. The candidates must be officially permitted by their employing organization. A candidate working in an establishment equipped with the necessary research and library facilities shall be considered for admission under this category.

The candidate should have at least two years of experience in a regular/permanent position at the organization at the time of application. The sponsoring organization/institute must have at least five (5) years of existence to patronize candidates for part-time Ph.D. programmes. A candidate applying for admission to the part-time external registration programme should provide detailed information about the research facilities available to the candidate for carrying out research. The candidate should be allowed to undergo coursework mandated for the programme. A no objection cum experience certificate issued by the competent authority of the parent organization shall be attached to the application.

For candidates applying under the Part-Time (External) category, if the candidate has more than 10 years of relevant industrial/research/ Government organizations, etc., experience and has only a Bachelor's in Engineering/Technology with a minimum of 60% aggregate marks or CGPA of 6.5/10 for admission under unreserved category and 55% aggregate marks or CGPA of 6.0/10 for reserved candidate is also eligible under Integrated Ph.D. admission. GATE/NET is not mandatory for this category.

3. SELECTION PROCEDURE

3.1. Departmental Screening Committee (DSC):

The departmental screen committee (DSC) comprises of the Head of the Department and a minimum of three Faculty members. The committee is expected to verify the eligibility of the applicant(s) for the Entrance Test/Interview based on details mentioned in the application (s) and the documents enclosed. After screening all applications, the Head of Department shall forward the list of eligible candidates to the Dean R&C office. The Dean R&C office shall consolidate the list of all the departments and notify them through appropriate means with the approval of the competent authority.

3.2. Ph.D. Selection Committee:

The Ph.D. selection committee shall comprise the following member

Sl. No.	Members	Role
1.	HoD of the Department	Chairperson
2.	Senate Chairmen's Nominee	Subject Expert – External Member
3.	Dean R&C Nominee	Member
4.	Dean Academic Nominee	Member
5.	Eligible Faculty members of the Department	Member

4. ADMISSION PROCEDURE

- a) Candidates whose selections are approved by the Chairperson, of the Senate will be admitted to the Ph.D. programme by paying the prescribed fees. The candidate shall also pay fees every semester as prescribed by the institute failing which registration will be cancelled.
- b) Ordinarily, a candidate is not eligible for re-registration for a Ph.D. after cancellation of his/her earlier registration for any reason. However, depending on the merits and considering any special circumstance of the individual case, a candidate may be considered for re-registration after the approval of the Chairperson, Senate.

5. DURATION OF THE PROGRAMME

The minimum duration for completion of the Ph.D. programme is as follows:

- a) A Scholar can submit the Thesis only after a minimum period of 36 months for full-time and 42 months for Part-Time Scholars from the date of registration.
- b) The maximum period to complete the programme is six (6) years for full-time Scholars and seven (7) years for part-time Scholars. In an extraordinary circumstance, an extension may be granted to the Ph.D. Scholars to submit their synopsis and Ph.D. thesis together with the recommendation of the doctoral committee (DC) and Dean (R&C) with the approval of the Chairperson, Senate.
- c) Institute Fellowship will be given strictly as per the guideline of Ministry of Education Indian, Govt. of India.

6. CHOICE OF SUPERVISOR

- a) The supervisor / co-supervisor / Joint-supervisor shall be identified by Departmental Ph.D. Monitoring Committee (DPMC) in consultation with the Scholar and the consent of the Supervisor / Co-Supervisor / Joint-Supervisor. The allotment shall be done by considering:
 - Preferences of the Research Scholar and willingness of the Supervisors.
 - The research area of the Scholar

The DPMC shall comprise the following member

Sl. No.	Members	Role
1.	Head of the Department (ex-officio)	Chairperson
2.	One Faculty member of the department to be nominated by the Head of the Department	Member and Secretary
3.	At least three Faculty members of the department to be nominated by the departmental Faculty members in a departmental meeting	Members
4.	One Faculty member from any department, to be nominated by the Chairperson, Senate.	Member
5.	One regular Ph.D. Scholar of the department, to be nominated by the Head. He/she can participate only in major policy decision process, not involving a particular case, for Ph.D. program of the department.	Member

In case, there is a lack of sufficient suitable Faculty members in the department, the department may nominate members from other allied department, with consent of the concerned member(s) and approval from Dean (R& C). Formation of new committee / nomination of new members is to be communicated to Dean(R&C).

Tenure of DPMC:

Two years for Faculty members and one year for student members.

Functions of DPMC:

- (i) To oversee the conduct of the departmental Ph.D. programs.
 - (ii) To ensure academic standard and excellence of the Ph.D. work of the department.
 - (iii) To consider and recommend to Dean (R & C) all matters related to the Ph.D. program of the department.
- b) A research Scholar may have a maximum of one Supervisor and one co-Supervisor.

7. RESEARCH SUPERVISOR(s)

- a) Only Regular Faculty members of NIT Nagaland are eligible to Supervisor.
- b) No Supervisor shall have more than six full-time Ph.D. Scholars selected under the Institute fellowship category at any point in time.
- c) In a given academic year, a research Supervisor shall not be assigned more than two Institute fellowship research Scholars.
- d) A person with Inspire Faculty Fellowship/ Ramanujan Fellowship/ etc., having Ph.D. degree working with the Institute may be permitted to Supervisor Ph.D. Scholars as a co-Supervisor along with a Supervisor as per the approval of the Chairperson Senate.
- e) When a Faculty member who has been guiding a Ph.D. Scholar as a Supervisor up to 18 months and/or a successful comprehensive examination completion, leaves the Institute, the Faculty member may be permitted to continue as a Co-Supervisor on written request through the proper channel. If the Faculty leaves before or less than 18 months, or comprehensive examination the Faculty ceases to be a Supervisor.

- f) Faculties shall not be permitted to take research Scholars two years before their superannuation period.
- g) Co-Supervisor: In addition to NIT Nagaland Faculty members, reputed Institutes/Research organizations/Reputed Industries/CFTI/NIRF ranking within 100 (for the last three years) are considered as Co-Supervisor. The external co-Supervisor should have a Ph.D. degree.
- h) If the co-Supervisor is from outside of India concerned Supervisor should get approval from the competent authority.
- i) Guiding an outside Scholar: NIT Nagaland Faculty may co-Supervisor Ph.D. Scholars of other Institutes/Universities/Organization with the prior approval from the Chairperson, Senate subject to the following conditions:
 - i. The host Institute/University is recognized by MoE-UGC/AICTE.
 - ii. NIT Nagaland will not have any financial liability.
 - iii. If the external Scholar wishes to avail the facilities at NIT Nagaland, the candidate may be permitted for six (6) months with the prior approval obtained from the Chairperson, Senate, and paying the necessary fee as applicable.

8. CHANGE OF SUPERVISOR / ADDITION OF CO-SUPERVISOR

- a) Change of research Supervisor/co-Supervisor is permitted under exceptional circumstances only. In such case, a research Scholar shall submit a written request through the proper channel to chairperson DC, for the change of Supervisor/co-Supervisor with valid reasons. Based on the recommendation from the Chairperson of the DC, DPMC may recommend to the Chairperson of the Senate for approval.
- b) The addition of a Co-Supervisor shall be permitted before the completion of the comprehensive examination. In such a case, a research Supervisor shall submit a written request to the DPMC through the proper channel. Based on the recommendation from the Chairperson of the DC, DPMC may recommend to the Chairperson of the Senate for approval.

9. DOCTORAL COMMITTEE (DC)

- a) The research Supervisor shall submit the panel of names to be nominated for the Doctoral Committee (DC) along with the area of research to the Dean (R&C), within one week from the date of allotment of the research Scholar.
- b) The Chairperson Senate shall select the members of the DC from the panel submitted by the Supervisor or from outside the panel.
- c) The composition of the DC is as follows:

Sl. No.	Members	Role
1.	Head of the Department (HoD/nominee of HoD) (If the HoD happens to be the Supervisor of a Scholar, one senior Faculty member from the same department is to be nominated by the Supervisor, from the research area of the Scholar.	Chairperson
2.	Research Supervisor	Member and Secretary
3.	Research Co-Supervisor (if any)	Member

4.	One Faculty member from the department to be nominated from the panel of names suggested by the Supervisor preferably from the research area of the Scholar (Selected by the Chairperson Senate)	Member
5.	One more Faculty member from outside the department/ Institute is to be nominated from the panel of names suggested by the Supervisor from the research area of the Scholar (Selected by the Chairperson Senate)	Member

- d) Chairperson, DPMC shall request the Chairperson, Senate for his/her nominee. After receiving the same, the DC is to be constituted by DPMC in consultation with the supervisor, and preferably within 30 days from the date of appointment of the supervisor.
- e) The Secretary shall convene the DC meetings in consultation with Chairperson as and when necessary in addition to the mandatory meetings. It is the responsibility of the supervisor to send the progress report / evaluation report to the office of the Dean (R&C).
- f) Until the DC is constituted, the DPMC will perform the duties of the DC.
- g) **Functions of the DC:**
- i. To formulate and recommend the course work for the Scholar based on the proposed research area preferably within two weeks from the date of constitution of the DC.
 - ii. To scrutinize syllabi of courses of directed study (if any) prepared by the Research Supervisor(s).
 - iii. To review the progress of the Scholar and send the progress report to the Dean (R&C) every semester.
 - iv. To assess the research plan of the Scholar during the Comprehensive Examination (CE).
 - v. To conduct open seminars-CE/ SOA/Synopsis.
 - vi. To assess and recommend the work in the Ph.D. synopsis and recommend the same to the Dean (R&C).
 - vii. To recommend the Panel of Thesis examiners consisting of 8 (4 National and 4 International) and send the same to the Dean (R&C) after the Synopsis presentation.

10. SEMESTER REGISTRATION

- a) The Research Scholar shall submit the semester registration form each semester till the date of submission of the Ph.D. thesis.
- b) If semester registration is not done or the semester fee is not paid within the stipulated time, the registration shall be canceled.
- c) Re-registration requests for such cases shall be considered with the recommendation of the DC. If the reasons for the delay are found satisfactory, Senate Chairperson, may accord the permission for the re-registration based on the recommendations from DC and Dean (R&C) with appropriate applicable fee.

11. PROGRAMME STRUCTURE

A. Course Works

- a) The course work shall be prescribed by the DC after interviewing the student keeping in view his/her background and proposed area of work. However, till the DC is formed, the DPMC shall prescribe the course work. While prescribing the courses, the DC/DPMC shall see that the student does not repeat any course already he/she studied in his/her UG/PG programs during the last 3 years. On the other hand, at the most 50% of the courses (which the student studied before 3 years of his/her admission), relevant to the research, may be allowed to be refreshed.
- b) Every Ph.D. research Scholar with a Postgraduate (PG) Degree in Engineering / Technology shall successfully complete a total of 12 credits minimum, and those with a master's degree in science / Humanities shall complete a total of 16 credits minimum prescribed by DC within a maximum of 2 semesters from the date of admission into the programme.
- c) A B.Tech degree holder should complete a total of 18 credits minimum.
- d) PG level theory courses are prescribed to Ph.D. Scholars and such courses shall be evaluated along with PG students in the relative grading scale.
- e) Out of the total credits required, every Scholar must register for Research Methodology Course (4 Credits).
- f) In case the recommended courses are not available in the PG programme, then a maximum of two courses with a maximum of 3 or 4 credits each, and the other course(s) can be completed through SWAYAM with the recommendation by the DC and approved by Dean (R&C).
- g) The evaluation pattern for the coursework will be similar to that of PG courses. However, for awarding grades, the absolute grading scale shall be followed if the class strength is less than 5. The absolute grading is given by

Marks	Grade	Points
>90	S	10
81-90	A	9
71-80	B	8
61-70	C	7
51-60	D	6
41-50	E	5
<40	F	0

- h) Research Scholars should obtain a minimum CGPA of 6.5 in the courses taken by them.

- i) Scholars, who failed to satisfy the grade requirement, may attempt other prescribed courses or rewrite the examination in the subject(s) as per the recommendation of the DC.

B. Progress Report

- a) A Full-Time research Scholar shall sign in the attendance register on all working days.
- b) A Full-Time (HTRA) research Scholar shall submit the monthly progress report of work done by him/her in the prescribed format to the Dean (R&C) through the proper channel.

C. Comprehensive Examination

- a) The Scholar has to appear in front of the DC for the Comprehensive Examination (CE), which is an open seminar.
- b) The Comprehensive Examination (CE) is to test the overall competence, academic preparedness, and potential of the Scholar to pursue the Ph.D. programme. The Comprehensive Examination is scheduled after the successful completion of the prescribed course works, within 18 months from the date of registration for the Ph.D. programme. For integrated PhD Programme, CE must be completed within 30 months.
- c) Based on the result of the CE, the CE board shall report to the Dean (R&C) about the fitness of the Scholar to proceed further with his/her Ph.D. work, within two weeks from the date of the examination held.
- d) If a Scholar is not recommended by the DC based on the result of the CE, then within the next six (06) months CE re-examination may be conducted. If found fit in this re-examination, the Scholar shall be permitted to proceed with the Ph.D. research work. Otherwise, the Scholar's registration will be cancelled.

D. Synopsis of Thesis

- a) One published paper in Journals indexed in SCI / SCIE / SCOPUS / SSCI with an impact factor / Cite Score.
- b) On satisfactory completion of the comprehensive examination, publications, and presentations as mentioned above, the research Scholar shall submit a hard copy, and one soft copy of the synopsis to the O/o the Dean (R&C) with the recommendation of DC. The Supervisor should also certify that the Scholar has submitted the first draft of the thesis for correction to him/her.
- c) The research Scholar should present the synopsis before the DC as an open seminar. Subject to DC's approval, the work shall be recommended to the Dean (R&C) for submission of thesis.

E. Submission of Thesis

- a) The Thesis submitted for the Ph.D. degree shall contain an account of the research work carried out by the research Scholar leading to the discovery of new facts or techniques or new correlation of facts already known (analytical and/or experimental and/or hardware oriented in nature), the work being of such quality that it makes a definite contribution to the advancement of knowledge in the field of his/her research. The Scholar shall also submit a Plagiarism Report issued from the NIT Nagaland library attested by the Research Supervisor that the plagiarism is less than 20% excluding the Initial pages of certificates and table of contents, bibliography, and Scholar's own publication related to the thesis.
- b) The research Scholar shall, within one month of approval of the synopsis, submit the Thesis (as per the thesis preparation guidelines) and a soft copy to the O/o Dean(R&C). On the recommendation of the Supervisor and the Chairperson of the Doctoral Committee, the Dean (R&C) may grant an additional two months.
- c) If the research Scholar is unable to submit the Thesis within the prescribed duration, then the Chairperson, Senate decides on his/her continuation based on the recommendation of DC.

12. PANEL OF EXAMINERS

- a) The Thesis shall be referred to two examiners (one from India and one from Foreign) nominated by the Chairperson, Senate from the panel of examiners submitted by the Supervisor and recommended by the DC at its synopsis meeting.
- b) Each panel (one for the Indian examiner and another for the foreign examiner) should have at least four experts in the area of research. The following Supervisor lines are to be followed while suggesting the panel of examiners:
 - i. **Indian Examiner:** At the level of Associate Professor or above from any NITs / IITs/IISc / CFTIs / IISERs / CUs/ NIRF ranking within 100 (for the last three years) or Scientists (Grade E and above) from reputed Government research organizations.
 - ii. **Foreign Examiner:** At least two of them should be Associate Professor level or above from reputed research Institutes/Universities outside India.
- c) Co-authors of the paper for the particular Scholar should not be nominated as an examiner.
- d) Relatives of the Supervisor / Scholar / DC members shall not be nominated as an Examiner.

13. EVALUATION OF THESIS

- a) The Examiner is expected to send the Thesis evaluation form and detailed report within two months from the date of receipt of the Thesis.

- b) In case of a delay of more than three months in receiving the evaluation report, the Chairperson, Senate shall appoint another examiner from the panel, to evaluate the Thesis or call for another panel of examiners for appointment.
- c) If an examiner suggests re-submission of the Thesis, after revision, the research Scholar may be allowed to resubmit the Thesis within 6 months, failing which the revised Thesis may not be accepted, and his/her registration shall be cancelled.
- d) If one of the Thesis examiners declares the Thesis as not commended, the Thesis shall be referred to a third examiner from the corresponding panel for Examiners. If the third examiner still reports the Thesis as not commended, the registration of the Scholar shall stand cancelled.
- e) If reports of two examiners declare the Thesis as “commended”, the DC will consider the reports and recommend for the conduct of viva voce which will be conducted normally not earlier than two weeks from the date of the constitution of the viva voce Board. The Supervisor, in consultation with DC, will suggest a panel of four (4) subject experts from the department to nominate one member for the viva voce Board.
- f) In all other cases, not covered by the above Regulations, the matter will be referred to the DC and the minutes be forwarded to the Chairperson, Senate for approval.

14. VIVA VOCE EXAMINATION

After the reports from the examiners on the submitted thesis are received, the Scholar must defend his/her research work in public viva voce. A viva voce board will examine the Scholar in an oral presentation of his/ her thesis work and will ensure that the Scholar answers satisfactorily the clarifications and questions raised by the thesis examiners.

- a) The following is the composition of the viva voce Board:
 - i. Chairperson of Doctoral Committee- Chairperson
 - ii. Supervisor and Co-Supervisor- Member(s)
 - iii. Thesis examiner (Indian)- Member
- b) The viva voce Board will examine the Scholar on his/her thesis work and evaluate his / her performance as satisfactory or otherwise.
- c) If the report of the viva voce Board declares the performance of the research Scholar as not satisfactory, candidate may be asked to re-appear for viva voce at a later date (not earlier than a month and not later than six months from the date of the first oral examination).
- d) If the viva voce Board on the second occasion also evaluates the performance of the research Scholar as not satisfactory, the matter will be referred to the Senate for a decision.
- e) The viva voce Board shall also ensure the revisions made in the final version of the Thesis after taking into consideration the suggestions of the examiners who evaluated the Thesis. The Chairperson of the viva voce Board shall forward the Thesis to the Dean (R&C) along with the report of the viva voce Board (as per the Ph.D. thesis submission Supervisor/lines) for approval by the Chairperson, Senate.

15. AWARD OF Ph.D. DEGREE

If the performance of the research Scholar in the viva voce is satisfactory, the candidate shall be awarded a Ph.D. degree with effect from the date of viva voce, on the recommendation of the Senate and with the approval of the Board of Governors of the Institute. However, the provisional certificate can be issued after the viva-voce Board recommendation by the Chairperson Senate.

16. LEAVE RULES

- a) Ph.D. Scholars are granted casual leave up to 8 days during a calendar year by HoD on the recommendation of the Supervisor, subject to the condition that such leave will not be longer than 5 days at a time. The casual leave cannot be combined with any other kind of leave other than the public holidays.
- b) Restricted holiday (RH) for 2 days.
- c) The medical leave/vacation leave put together is 30 days per calendar year (Excluding Govt. Holidays) @ 15 days per semester.
 - i. **Medical Leave:** Leave on medical grounds, duly supported by a medical certificate (from a registered medical practitioner endorsed by the Institute Medical Officer, NIT Nagaland) may be granted by HoD on the recommendation of the Supervisor.
 - ii. **Vacation Leave:** Vacation leave is granted by the HoD only during the Institute's declared vacation period, duly recommendation by the Supervisor.
- d) **Projects and other Funding Agency Research Scholars:** Leaves are as per their funding agency rules. If the leave rule is not available, then the institute leave rule will be applicable.
- e) Any leave cannot be carried over to the next calendar year.
- f) Leave will be calculated proportionately by the date of joining and leaving.
- g) Married Ph.D. Scholars shall be eligible for Maternity and Paternity leave per the rules of the Government of India.
- h) Attending Conferences/Workshops/etc., will be treated as "On Duty" Leave. Scholars may take a maximum of 10 days in a year for such purposes.
- i) The Scholars will be permitted to visit other organizations/Institutes to utilize the experimentation facility which is not available at NIT Nagaland or field visits/data collection for a maximum of 30 days in an academic year with the prior approval from the Dean (P&D). Such leave(s) shall be considered as "On Duty".

17. CHANGE OF MODE OF REGISTRATION

A research Scholar admitted to a full-time Ph.D. programme may be permitted to change to a part-time Ph.D. programme on a request from him/her on valid reasons along with a detailed plan of his/her completion of the work, provided:

- a) Candidate has completed the comprehensive examination and carried out a sufficient quantum of research work that is adjudged as satisfactory by the DC based on the presentation by the Scholar.
- b) DC recommended his/her application.

18. CANCELLATION OF REGISTRATION

- a) A Candidate selected for Ph.D. Programme should join the Institute within the stipulated time specified by the O/o the Dean (R&C), failing which the offer of admission shall be canceled.
- b) If a Scholar fails to do the semester registration or fails to pay the semester fee within the stipulated time, the registration shall be canceled.
- c) A research Scholar who fails to obtain a 'C' grade or above in any one of the courses registered as prescribed by the DC within 2 attempts and is not in a position to earn the minimum credit requirement will be disqualified from continuing the Ph.D. Programme and registration shall be canceled.
- d) If the performance of any research Scholar in the Comprehensive Examination is unsatisfactory even during the second attempt, the registration will be canceled.
- e) If the performance or progress of the Scholar is not satisfactory during two consecutive semesters, the DC may recommend cancellation of registration.
- f) The registration of a research Scholar who has not submitted the thesis by the end of the extended period as provided in the regulations will be canceled.
- g) In all cases, the Supervisor/HoD shall inform the Scholar before initiating the steps for the cancellation of registration.
- h) The decision of the Chairperson, Senate shall be final and binding in all the above cases.

19. POWER TO MODIFY

Notwithstanding all that has been stated above, the Chairperson, Senate has the right to modify any of the above Regulations from time to time.

Sd/-
Dr.Lithungo K.Murry

Sd/-
Dr.P.Chinnamuthu

Sd/-
Dr.A.Wati Walling

Sd/-
Prof. Rajat Gupta

Sd/-
Prof.(Dr).A.Elayaperumal
Director, NIT Nagaland



राष्ट्रीय प्रौद्योगिकी संस्थान नागालैंड
NATIONAL INSTITUTE OF TECHNOLOGY NAGALAND
(An Institute of National Importance under MoE, Government of India)
Chumukedima, Nagaland - 797 103

RECOMMENDATION OF EXAMINER ON PH.D. THESIS
Form NITN/ Research & Consultancy /PHD/15A

Name of the Candidate: _____

Title of the thesis: _____

Please send detailed report on the thesis on separate sheet, and specific recommendation by ticking any one of the following:

R1- The thesis be accepted for award of Ph.D. degree

OR

R2- The thesis is acceptable subject to clarification of certain points at the time of viva-voce.
(Please enclose list of the points)

OR

R3- The thesis is acceptable subject to modification / clarification/ revision.
(Please enclose your suggestions for the modification etc. desired)
After modification the thesis should **NOT** be referred back to me.

OR

R4- The thesis does not meet the standards of comparable works in institutions of higher learning so it is rejected (Please enclose your comments)

Place: _____ Signature of Examiner _____

Date: _____ Name of Examiner: _____

Affiliation: _____

N.B. A detailed Report is enclosed in a separate sheet.