

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR
Imphal–795 001.
ORDINANCES and REGULATIONS - 2012
(Effective from the academic year 2012-2013)
PhD ORDINANCES

1. GENERAL

- 1.1 A candidate who has qualified for the award of Master's degree of this Institute or a recognized Institute or University in the discipline as prescribed in the regulations of the Senate is eligible to apply for PhD programme of this Institute.
- 1.2 The award of PhD degree shall be in accordance with the regulations of the Senate of this Institute.
- 1.3 Notwithstanding any that are stated in the regulations, the Senate has the right to modify any of those from time to time.

2. CATEGORIES OF PHD STUDENTS

Candidates will be admitted to the PhD programme of the Institute under one of the following categories:

- (a) Regular full-time scholars with or without Institute fellowship or with project support.
- (b) Research scholars sponsored under the Quality Improvement Programme (QIP).
- (c) Research scholars who are staff members of the Institute.
- (d) Research scholars under the external registration programme sponsored by and employed in industry/organization having R & D facilities and recognized by DST or Institute, national laboratories, reputed Universities/colleges or employed in research/analysis jobs in public sector/private sector /Government.
- (e) Research scholars working on a part-time basis from a reputed University/Institution/Organization.

For admission in PhD Programmes under Regular as well as the Project category, the Departments must adopt a common cut off at the time of calling for interview and common merit list of selection for all categories.

A research scholar under the external registration programme will normally carry out part or all of his/her research work in the industry/organization/national laboratories/Universities employing the scholar under the supervision of a co-guide also employed in the same organization and a guide at NIT Manipur.

A research scholar working on a part-time basis shall normally carry out the research work at NIT Manipur under the supervision of a guide at NIT Manipur. The feasibility of doing this with sufficient intensity will be an important consideration in admitting the scholar in this category.

3. MINIMUM QUALIFICATION

The minimum educational qualifications for admission to PhD programme of the Institute are as follows:

3.1 PhD in Engineering

Master Degree in Engineering/Technology or equivalent in an appropriate area with a minimum CGPA of 6.5 or equivalent 60% marks or Master's degree by Research (MS by Research) in Engineering/Technology disciplines, with a good academic record, or Bachelor Degree in Engineering/Technology with excellent academic record with a CGPA of at least 9.0 or equivalent 85% marks and valid GATE score.

In the case of candidates with more than 5 years relevant experience after the Master's degree, the requirement of a test score may be waived by the Selection Committee.

3.2 PhD in Humanities and Sciences

Master Degree (55% and above) in an eligible discipline with a good academic record or equivalent with a minimum of 55% marks or equivalent and having a valid GATE score or UGC/CSIR-NET/NBHM or equivalent qualification tenable for the current year in the relevant area.

If UGC/CSIR-NET/NBHM qualified candidates are not available, Master Degree (55% and above) in Humanities & Sciences with a good academic record may be considered.

In the case of candidates with more than 5 years relevant experience after the Master's degree, the requirement of a test score may be waived by the Selection Committee.

3.3 PhD in Management

Master degree or equivalent in a relevant discipline with a good academic record AND Qualifying in national level examinations such as JMET /CAT /XAT /MAT /ATMA /GATE / UGC or CSIR/NET/JRF or Lectureship or equivalent or international level post graduate admission examination such as GMAT/GRE or equivalent.

OR

At least 5 years of managerial experience in lieu of the above examination. Master's degree in Engineering/Technology with a good academic record or a Master's degree by Research in Engineering/Technology in a relevant discipline are exempted from qualifying in National level examinations.

3.4 Institute staff members/Research scholars under QIP/Research Scholars under External Registration/Research scholars working on part-time basis.

For Research Scholars in the above categories, the minimum educational qualifications are the same as prescribed for full time Research Scholars in 3.1, 3.2 and 3.3 for admission in PhD programme in the respective categories. However, valid GATE score or CSIR/UGC JRF or Lectureship/NBHM/JMET/CAT/AIMA or equivalent qualification as applicable for regular full time research scholars may not be required in these cases. The Research Scholars from a reputed University/Institution/Organization may be admitted in PhD programme under the part-time category. (The list of eligible disciplines in which the minimum educational qualifications have to be obtained will be provided by each department in the Admission Brochure, which will be updated from time to time. The Department/Selection Committee may find fit to consider meritorious candidates from disciplines other than listed in the Admission Brochure if there is a good match between the educational/research background of the candidate and the proposed area of research. The admission brochure will also include details about inter-disciplinary research areas, which may be pursued by the Research Scholars for PhD degree and the corresponding eligible disciplines given by the Departments. Additional and stiffer criteria than the minimum educational qualifications given in 3 may be set by the Department/Selection Committee from time to time for short listing candidates to be called for interview and or test.)

3.5 International Students

Foreign nationals can only register as regular full-time Scholars. Foreign nationals with degree from Indian Universities will be treated on par with Indian nationals for admission purposes. Foreign nationals with foreign degrees must meet the minimum educational requirements as given in 3 equivalent to a Indian Master's degree in the relevant disciplines. In addition, they should have a valid GRE /GMAT /GATE/JMET /CAT /XAT

/MAT/ATMA/UGC or CSIR/NET/JRF or an equivalent examination and should have cleared TOEFL. International students are expected to have a working knowledge of English.

4. ADMISSION PROCEDURE

- 4.1 Admission in PhD programme of the institute will be normally in the month of January and July every year. For the admission in the month of January, an advertisement will be issued in the month of October/November and for admission in the month of July, an advertisement will be issued in the month of April/May in reputed National Newspapers and also in institute's website.
- 4.2 Admission to all the categories of students is granted on the basis of an interview/admission test and/or performance in MTech/ME/BTech/BE/MSc/MA/MBA or any equivalent degree.
- 4.3 Candidates whose selection is approved by the Chairman, Senate will be admitted in PhD programme after payment of prescribed fees.
- 4.4 Ordinarily, a candidate is not eligible for re-registration for Ph.D. after cancellation of his/her earlier registration for any reason. Based on the merits of the individual case and taking into consideration of any special circumstances, a candidate may be considered for re-registration.

5. GUIDES (SUPERVISORS)

5.1 Choice of a guide

- 5.1.1 Allotment of Research Scholars to guides will be made by the Dean (Academic) in consultation with the Head of the Department taking into consideration the research profile of the department and the preferences of the Research Scholars and guides.
- 5.1.2 There shall be not more than two guides from the Institute for a Research Scholar.
- 5.1.3 Additional Guide from outside the Institute can be allowed with the approval of Chairman, Senate on case to case basis only.
- 5.1.4 In exceptional cases when suitable guides are not available in the concerned department, a student may be allowed to choose a guide from any allied department of the institute. The student shall be associated with and under the control of the department giving admission throughout PhD course. A request in the form of a proper justification in favour of the competence of the concerned guide from an allied department, to guide the student in topic relevant to the department of admission of the student must be submitted by the Departmental Post Graduate Programme Committee (DPPC) to the Chairman, Senate through the Head of the department and the Dean, (AA). The justification should be in terms of PhD thesis guided or Research paper published or both. The final decision is subject to the approval of the Senate. In the course of PhD studies such students shall not divert the area of research relevant to the Department of admission.

5.2 Eligibility for being guides

The following staff may act as guide for PhD scholars:

- Faculty members of engineering Departments of the Institute having a doctoral degree
- Faculty members of Sciences and Humanities Departments of the institute having a doctoral degree
- Faculty members of Management Department of the institute having a doctoral degree
- **Continuance of retired faculty members / emeritus faculty as guides**
 - (a) When a faculty member, who has guided a candidate for at least 3 years, retires, he will continue to be a guide. However, a co-guide who is in service will be appointed if required.
 - (b) A faculty member who is to retire within 3 years may be permitted to become a guide to a new Scholar with another faculty member, who is not likely to

- retire within 5 years as co-guide, at the time of registration itself. On retirement, the faculty member will continue to be a guide and will be invited to the Doctoral Committee meetings, Synopsis meeting and Viva Voce examination.
- (c) A faculty on deputation from other institutes, who has more than 5 year service to retire can become a guide. He can continue to guide scholars even after returned to the parent institute.
 - (d) In case a faculty member who is a guide goes on leave exceeding one year duration, another faculty member will be identified to become a co-guide of the Research Scholar.
 - (e) The induction of new guides after 3 years of registration of a Research Scholar will be considered by the Doctoral Committee and forward the decision to the Chairman, Senate for approval.

A guide will be entitled to guide 5 (five) full time scholars or 10 (ten) part time scholars at a time and one full time scholar is equivalent to two part time scholars.

5.3. Change / Addition of guide

The Doctoral Committee of a Research Scholar may recommend change of guide or appointment of a co-guide for valid reasons.

6. DOCTORAL COMMITTEE

The Head of the Department will intimate to the Dean (Academic), for each Scholar the area of research, the name(s) of the guide(s) and a panel of names, indicating the area of specialisation of faculty members for constitution of a Doctoral Committee, within 8 weeks of the date of joining of the Research Scholar. The following is the composition of the Doctoral Committee.

6.1 Doctoral Committee

- (a) Head of the Department (HoD/nominee of HoD) (If the HoD happens to be the Guide of a Scholar, the senior most Professor/previous HoD will be nominated by Chairman, Senate or his nominee)-Chairman.
- (b) HoD may nominate Chairman, if he/she is otherwise engaged for the conduct of DC meetings to assess the progress of the Scholars-Member.
- (c) HoD must be present for Comprehensive examination/Synopsis/Thesis report/Viva Voce meetings of the Scholar-Member.
- (d) The Dean (Academic) or nominee Research Guide or Guides-Member.
- (e) A minimum of one faculty member of the Department nominated by the Chairman, Senate or his nominee from the suggested panel of names given by HoD-Member.
- (f) A minimum of one faculty member of allied Departments or allied Institutions nominated by the Chairman, Senate or his nominee from the suggested panel of names given by HoD-Member.

In case any member goes on leave exceeding one year duration, or resigns or retires from the Institute, the Chairman, Senate or his nominee will nominate another member on the suggestion of the Chairman, Doctoral Committee. Scientific/Design staff and others who are eligible to guide Ph.D. Scholars may be nominated as members of the Doctoral Committee.

6.2 Course Work

6.2.1 The DC will normally meet within 15 days from the date of its formation to interview the student and prescribe the course(s) to be completed by the student.

6.2.2 Regular Scholars: The total credit of course work to be completed by an individual research scholar will be decided by DC. However, a course work on Research

Methodology will be a compulsory course of 3 credits to all Research Scholars (Engineering/ Science/ Humanities/ Management etc). In all the subjects the candidate has to obtain at least “C” Grade. Otherwise she/he will have to repeat the same subject(s). If the student fails in his/her second attempt to secure the prescribed grade in one subject out of the assigned subjects in the course package, the DC may review the overall performance of the candidate and may exempt from repeating the subject and a lower grade may be accepted.

6.2.3 The GATE qualified fresh BTech candidates will have to complete the course works of at least 24 credits excluding Research Methodology. Also, in all the subjects the candidate has to obtain at least “C” Grade. Otherwise she/he will have to repeat the same subject(s).

6.2.4 Candidate with external registration /Part-time in house: Candidates having a minimum a minimum 2 years of teaching/research/industry experience from any recognized Institute/Industry will be treated as per clause 6.2.2.

6.2.5 Candidates with MPhil Degree will be treated as per clause 6.2.2.

6.2.6 If any course work/subject is recommended by the DC for a Scholar and the subject is not offered/included by any Post Graduate Department, then the DC may frame syllabus for that particular course/subject and a teacher will be assigned against the course [**Henceforth it will be called as independent study (IS)**] and the Scholar may be instructed to prepare and study as per the syllabus framed by the committee. Syllabus is to approved by the SENATE. If expert in any such above mentioned subject/course is not available with the institute, necessary Question Papers may be prepared by some experts from other institutes. The examination is to be conducted by the Examination Section of the institute as per the Examination Rules for any existing regular Post graduate course. Dean (Academic) will provide the code of the different courses in consultation with the departments concerned.

6.3 Comprehensive Examination

- (a) Every PhD scholar shall take and perform satisfactorily in a Comprehensive Examination in his / her Department. The Comprehensive Examination shall be conducted by a Comprehensive Examination Committee of the Department, consisting of the Doctoral Committee members of the scholar and at least two other faculty members of the Institute nominated by the Chairman of Doctoral Committee.
- (b) If the performance of a research scholar in the Comprehensive Examination is not satisfactory in the first attempt, he/she will be given one more opportunity to appear for the comprehensive examination within six months of the first attempt. The registration of a Research Scholar who fails to complete successfully the Comprehensive Examination in both attempts will be cancelled.
- (c) The objective of the Comprehensive Examination is to test the general capability of the research scholar and the breadth of his/her knowledge in his/her discipline and areas related to his/her field of research. The Comprehensive Examination will usually consist of a written test and oral examination or only oral examination. The Comprehensive Examination Committee shall intimate to the Research Scholar sufficiently in advance the scope of the Comprehensive Examination, so as to enable the Scholar to prepare adequately for it.
- (d) PhD Research Scholars are normally expected to complete successfully the Comprehensive Examination within a year after his/her registration in PhD programme and in any case not later than three semesters after his/her registration in PhD programme.

6.4 Registration

After the successful completion of the Course Work and Comprehensive Examination, the candidate has to submit a plan of work defining the research problem identified and course of investigation proposed to be pursued. An assessment of the current status of problem area and a justification for the work has to be prepared at this time. The student will make an oral presentation of the above proposal at a meeting of the Doctoral Committee for approval. On the recommendation of the DC, the Dean (AA) will issue a memo confirming the registration of the candidate.

6.5 Progress Report

- (a) A registered Research Scholar shall submit a written report in the required format for every six months. The report should be forwarded through the guide to the Head of the Department for consideration of the Doctoral Committee.
- (b) The progress made by a Research Scholar shall be reviewed by the Doctoral Committee once a year for the first 3 years and every six months thereafter. Continuance of registration and award/continuance of scholarship/Research Assistantship will be based on the recommendation of the Doctoral Committee.

In case of Research Scholars under external registration or working on a part-time basis, the Doctoral Committee will pay particular attention to the quantum of effort put in by the Scholar towards doctoral studies and progress.

Inadequacy of effort / progress can be a reason for cancellation of registration.

6.6 Enrolment

All Research Scholars who are in residence and whose registration is still in force are required to enrol in person each semester on the stipulated date till their submission of thesis after payment of the requisite fees. Those not in residences may pre-enrol in absentia during the stipulated period after payment of the requisite fees. The enrolment will be completed only after successful completion of progress meeting during the semester. The enrolment will be cancelled if the progress is not satisfactory.

6.7 Minimum Residential Requirement

- (a) The minimum period of study and research for regular full time research scholars required at the Institute from the date of registration for PhD Programme in engineering to the date of submission of PhD thesis shall be 24 months for Research Scholars with Master's Degree in Engineering/Technology.
- (b) The minimum period of study and research for regular full time Research Scholars from the date of registration for PhD Programme in Sciences, Humanities and Social Sciences and Management to the date of submission of PhD thesis shall be 24 months.
- (c) The minimum residential requirement for PhD scholar under external registration and research scholars working on a part-time basis not employed in the Institute is one semester.
- (d) Withdrawal from the programme is permitted for a semester or longer for reasons of ill health or other valid grounds as duly recommended by Doctoral Committee.

6.8 Relief from PhD programme to take up job

Ph.D. Scholars who got a job offer can get relief from the programme, while keeping their registration alive on payment of the requisite fees every semester, on the following condition: Scholars who take up jobs will be relieved on their request, based on the recommendations of Doctoral Committee, if they have completed their

- (a) Minimum residential requirement
- (b) Course work and

- (c) Comprehensive examination.

The renewal of their registration for every year/semester however, will be considered only if the Doctoral Committee finds his/her progress to be satisfactory and recommends continuance of registration.

6.9 Maximum Duration of Programme

Ph.D. Research Scholars should submit the thesis within 5 years from the date of registration. The Doctoral Committee may extend the period of submission of the thesis further 2 years for regular full time research scholars with an additional year for

- (I) Research Scholars under QIP,
- (II) Research Scholars who are staff members of the institute,
- (III) Research Scholars under external registration and
- (IV) Research Scholars working on a part-time basis.

6.10 Withdrawal from the programme

A Scholar may be permitted by the Dean (Academic) to withdraw from the programme for a semester or longer for reasons of ill health or other valid grounds duly recommended by the Doctoral Committee. Normally a Scholar will be permitted to discontinue from the programme only for a maximum continuous period of two semesters.

6.11 Cancellation of Registration

- (a) The registration of a Research Scholar whose progress is not found to be satisfactory by the Doctoral Committee or who has not enrolled, is liable to be cancelled.
- (b) The registration of a Research Scholar who has not submitted his/her thesis before the end of the maximum permissible period as in 6.9 will be cancelled.

6.12 Synopsis

- (a) On satisfactory completion of the prescribed courses, the comprehensive examination and the research work, the Scholar shall submit the requisite copies of the Synopsis of his/her research work in the required format through the guide(s) and Head of the Department to the Academic Section for consideration of the Doctoral Committee. Prior to submission of the Synopsis, the Scholar is required to present at least two seminars on the topic of his/her research. The third Doctoral Committee meeting may be held after the Scholar had presented the first seminar. The Scholar should have at least **two** papers either published or accepted for publication in a refereed journal. DC may consider exceptional cases, which will be reported to Senate.
- (b) The Research Scholar shall present the Synopsis before the Doctoral Committee. The Doctoral Committee will, if it approves the work reported in the Synopsis, permit the Research Scholar to submit the thesis and recommend a panel of at least six examiners from other reputed Indian / Foreign institutes or universities.

6.13 Submission of Thesis

The Research Scholar shall, within one month of acceptance of the Synopsis, submit requisite copies of the thesis and abstract of the thesis as stipulated. The Doctoral Committee may grant additional time beyond one month on request from the Scholar for valid reasons.

6.14 Panel of Examiners

The DC will forward a panel of 6 (six) examiners (3 examiners from within the country and 3 examiners from abroad) through the HoD to the Dean (Academic) for necessary action and for approval of the Chairman, Senate. In the panel some examiners must be from the IITs/IISc/NITs/TIFR/Institutes of Research Organization/Universities of repute. The thesis

shall be referred by the Chairman, Senate or his nominee to two examiners chosen from the panel of examiners recommended by the Doctoral Committee at its Synopsis meeting.

6.15 Thesis Report

- (a) The examiner is expected to send the report on the thesis within two months from the date of receipt of the thesis.
- (b) In case of undue delay in receiving the thesis report, the Chairman, Senate or his / her nominee shall appoint another examiner in his / her place for evaluating the thesis.
- (c) If one of the two thesis examiners declares the thesis as not commended, the thesis shall be referred to a third examiner from the panel for his / her evaluation.
- (d) If an examiner suggests resubmission of the thesis, after revision, the Research Scholar will be allowed to resubmit the thesis within the time stipulated by the Doctoral Committee failing which the revised thesis will not be accepted and his / her registration will be cancelled.
- (e) If two examiners, after referral to a third examiner, if necessary, report the thesis as not commended, the registration of the Scholar shall stand cancelled.
- (f) If reports of two examiners after referral to a third examiner, if necessary, declare the thesis as 'commended' the Doctoral Committee will consider the reports and recommend for conduct of viva voce which will be conducted voce board. The Doctoral Committee will suggest a panel of at least four expert members out of which one member will be nominated for the viva voce board.
- (g) In all other cases, not covered by the above Regulations the matter will be referred to the Doctoral Committee for consideration.

6.16 Viva Voce Examination

The following is the composition of the viva voce Board:

- (a)
 1. Head of the Department (if HoD happens to be the Guide of the Research Scholar the Senior most Professor/previous HoD, will be nominated by Chairman, Senate or his nominee.
HoD must be present for comprehensive Exam/Synopsis/Thesis report/Viva voce examination of the Scholar.
 2. The examiner of the thesis from within the country, or a specialist in the subject nominated by the Chairman, Senate or his nominee from the panel of examiners approved by the Doctoral Committee-Member.
 3. Research Guide(s)-Member.
 4. A Specialist either from the Institute or outside from the panel approved by the Doctoral Committee and nominated by the Chairman, Senate or his nominee member.
- (b) The Doctoral Committee members of the Research Scholar concerned will be invitees to the viva voce.
- (c) The viva voce board will examine the Scholar on his/her thesis work and evaluate his/her performance as satisfactory or otherwise. The viva voce board will ensure that the Scholar answers satisfactorily the questions raised by the thesis examiner(s).
- (d) If the report of the viva voce board declares the performance of the Research Scholar not satisfactory, he / she may be asked to reappear for viva voce at a later date (not earlier than a month and not later than six months from the date of the first viva voce). On the second occasion, the viva voce board will also include the members of the Doctoral Committee.
- (e) If the viva voce board on the second occasion also evaluates the performance of the Research Scholar not satisfactory, the matter will be referred to Senate for a decision.
- (f) The viva voce board may also recommend revision to be made in the final version of the thesis after taking into consideration suggestions of the examiners who evaluated the thesis and the discussion at the viva voce. The Chairman of the viva voce board

shall forward the thesis to the academic section certifying that the revisions recommended by the viva voce board, if any, have been incorporated in the copy of the thesis along with the report of the viva voce board.

- (g) All the Research Scholars shall submit one copy of the final form of thesis in A5 size and an electronic version in PDF format after the viva voce board recommends the award of the PhD degree.

6.17 Award of PhD Degree

If the performance of the Research Scholar in the viva voce is satisfactory, he/she will be awarded PhD degree on the recommendation of the Senate and with the approval of the Board of Governors of the Institute. The award of PhD degrees to the scholars who have completed all the requirements for the award of PhD degree as and when approved by the Senate and Board of Governors, will be considered on request so as to reduce the period of waiting by Scholars for getting the degrees.

6.18 Discipline

Every Scholar is required to observe disciplined and decorous behaviour both inside and outside the campus and should not indulge in any activity, which will tend to bring down the prestige of the Institute.

Any act of indiscipline of a Scholar reported to the Dean (Academic) will be referred to a Discipline and Welfare Committee nominated by the Senate from time to time.

The committee will investigate the charges and will recommend suitable punishment if it finds the charges substantiated.

The recommendation of the Committee will be considered by the Dean (Academic) to take appropriate action.

The Dean will report the action taken at the next meeting of the Senate.

6.18 Appeal

The Scholar may appeal to the Chairman of the Senate whose decision will be final.

6.19 Power to Modify

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

7. SPECIAL REGULATIONS FOR Ph.D. PROGRAMME AT NEWLY ESTABLISHED NIT MANIPUR

This Special Regulations is framed for newly established NIT Manipur. Due to lack of Senior Professors and qualified personnel to guide the research scholars it is decided that scholars may be guided/co-guided if necessary, with the help of faculty from neighbouring IITs, NITs and other reputed central Institutions. This Regulation will enable the faculty who have joined the new NITs and are willing to pursue their research to enhance their knowledge and qualification and in turn to contribute and perceive academic excellence in Institutions of national importance.

7.1 SPECIAL REGULATIONS

7.1.1 Admission

The faculty and technical assistant who have been appointed by the Institute on contractual basis shall be admitted in PhD degree programme on Part-Time basis and they shall continue

their research even after termination of their contract appointment. In such case, if the candidate desires to do research in full-time mode, he/she shall be allowed to do research on Full-Time basis.

Apart from these special regulations, all other rules and regulations stated in PhD regulations of NIT Manipur will be applicable to the candidates admitted in this category.

7.1.2 Eligibility to act as Guide

The faculty appointed on contractual basis but met the eligibility criteria as stipulated in PhD Regulations shall be allowed to act as Guide to the Research Scholars. If the Guide happens to leave the Institute and join other reputed Institute/Organization, he or she shall continue to act as Guide to the Research Scholar with the mutual consent of the Head of the respective Institutions. In this case, if required, a co-guide from the Institute shall be identified by the Chairman, Senate or by his nominee.

Alternate guide shall be identified for the Research Scholar in case the original guide is not willing to guide or not able to continue as guide after leaving the Institution.

7.1.3 Selection Committee

The committee to select the candidates for provisional registration of PhD programme shall be constituted with the following members

- (a) Nominee of the Chairman, Senate-Chairman.
- (b) One member from the Senate-Member.
- (c) Two Professors (in respective disciplines) from any reputed Institution nominated by Senate-Member.
- (d) Dean (Academic)-Member.
- (e) Head of the Department-Member.

In the absence of regular Dean (Academic) and Head of the Department, the Director of the Institute shall nominate the experts as members in lieu of them.

7.1.4 Doctoral Committee

The Chairman of each Doctoral Committee shall be nominated by the Chairman, Senate. The guide shall be the member of the Doctoral Committee and the Chairman, Senate shall nominate one Professor of appropriate discipline from the panel of names suggested by the guide and one more Professor shall be nominated from the allied department or Institution.

8. FINANCIAL SUPPORT & FEE STRUCTURE

Students admitted to the PhD Programme will be considered for assistantship according to the following norm:

8.1 Full time scholars with post graduate qualification in Engineering/Technology at the time of admission are eligible for the award of MHRD scholarship as per MHRD and Institute guidelines.

8.2 Full time scholars with post graduate qualification in Science/Humanities and with valid GATE/NET score at the time of admission are eligible for the award of MHRD scholarship as per MHRD and Institute guidelines.

8.3 Full time scholarship with Bachelor degree in Engineering/Technology must have a valid GATE score at the time of admission for the award of MHRD scholarship as per MHRD and Institute guidelines.

- 8.4** Full time scholarship with post graduate degree in Science/Humanities and without GATE/NET score at the time of admission are eligible for the award of Institute Scholarship as per Institute norms/guidelines. Such scholars are referred as Institute Scholars.
- 8.5** For Institute Scholarship the candidate has to qualify a Test/Examination organized by the concerned Department followed by recommendation of the Interview board and subsequent approval of the authority.
- 8.6** Students with fellowship tenable at the time of admission from CSIR/UGC/NBHM or any other organization recognized by the Institute will also be permitted.
- 8.7** Students receiving assistantship from the Institute or from any other funding agencies will be required to perform academic duties assigned to them by the department as per rules in force from time to time.
- 8.8** Assistantship will initially be for a period of one year and it can be extended by one year at a time, to a maximum of total
- (a) 4 years for scholars with Post graduate qualification in Engineering/Technology
 - (b) 5 years for scholars with Post graduate qualification in Science/Humanities with a valid NET/GATE score.
 - (c) 5 years for scholars with Bachelor Degree in Engineering/Technology with a valid NET/GATE score.
 - (d) 4 years for Institute scholars (Scholars with a post graduate qualification in Science/humanities and without a valid GATE/NET score.

Assistantship rate and tenure is subject to change as per MHRD/Institute guidelines applicable from time to time.

9. LEAVE RULES

- (a) A PhD student is eligible for 30 days leave in a year including Casual Leave. However, in exceptional cases Senate may grant extra leave on case by case basis.
- (b) A female PhD student is eligible for 180 days of maternity leave once during the entire period of her PhD programme.
- (c) Absence without obtaining prior sanction of leave will be considered as an act of indiscipline and shall entail reduction of scholarship on a pr rata basis besides any other action that may be decided by the institute.
- (d) Any absence over and above the prescribed limit of admissible leave shall entail deduction from the scholarship, besides other actions as may be decided by the institute
- (e) Medical leave to the maximum of 10 days may be granted to a PhD scholar over and above 30 days of admissible leave under special circumstances.