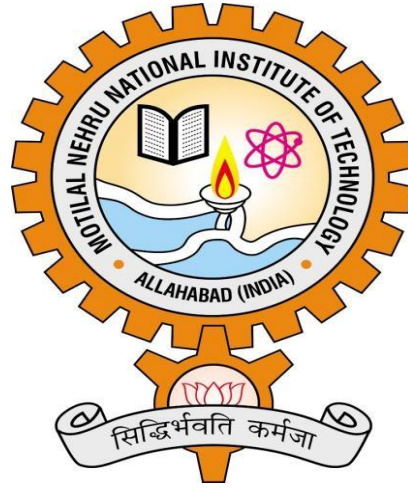


ORDINANCES FOR DOCTORAL PROGRAMMES



Approved by the Board of Governors in its Seventy-third (73rd) meeting held on August 10, 2023 vide Resolution No. 73.13 (A)

**Motilal Nehru National Institute of Technology Allahabad,
Prayagraj India**

Vision and Mission

VISION

- To attain a distinct identity for the Institute through technology innovation, knowledge creation and dissemination for the benefit of the society.

MISSION

- To nurture an eco-system for continuous enhancement of value based teaching and learning process in the emerging areas of technology.
- To train quality human and knowledge resources in the service of society.
- To develop sustainable products and technologies.

| TABLE OF CONTENT | | PAGE |
|-------------------------|--|-------------|
| | PREAMBLE | Vii |
| | NOMENCLATURE | Viii |
| 1 | INTRODUCTION | 1 |
| | 1.1 Doctoral Programme | 1 |
| | 1.2 Senate Doctoral Programme Committee (SDPC) | 1 |
| | 1.3 Department Doctoral Programme Committee (DDPC) | 2 |
| | 1.4 Office of the Dean (Academic) | 3 |
| | 1.5 Board of Academics (BoAc) | 3 |
| | | |
| 2 | ACADEMIC SESSION | 3 |
| | 2.1 Regular Semesters | 3 |
| | 2.2 Summer Semester | 4 |
| | 2.3 Academic Calendar | 4 |
| | | |
| 3 | ADMISSION | 4 |
| | 3.1 Admission Calendar | 4 |
| | 3.2 Selection Committee | 4 |
| | 3.2.1 Institute Doctoral Selection Committee (IDSC) | 4 |
| | 3.2.2 Department Doctoral Selection Committee (DDSC) | 5 |
| | 3.3 Eligibility of admission | 5 |
| | 3.3.1 Ph. D. in Engineering | 5 |
| | 3.3.2 Ph. D. in Management, Humanities and Social Science | 6 |
| | 3.3.3 PhD in Sciences | 6 |
| | 3.3.4 Ph. D. In Geographic Information System (GIS) Cell | 6 |
| | 3.4 Admission Categories of Ph.D. Research Scholars | 6 |
| | 3.4.1 Institute Stipendiary Full Time Research Scholars (Course Code-11) | 7 |
| | 3.4.2 Sponsored Full-time Research Scholars (Course Code-12) | 7 |
| | 3.4.3 Sponsored Part Time Research Scholar (Course Code-13) | 7 |
| | 3.4.4 Faculty/Staff/Sponsored Project Fellow of MNNIT Allahabad (Course Code-14) | 8 |
| | 3.4.5 Self-financed Full-Time Research Scholars (Course Code-15) | 8 |
| | 3.4.6 Students from Abroad | 8 |
| | 3.4.6.1 Sponsored foreign students | 8 |
| | 3.4.6.2 Self-financed foreign students | 8 |
| | 3.5 Admission Procedure | 8 |
| | 3.5.1 Admission under different Programmes Codes | 9 |
| | 3.5.2 Admission of Indian Nationals Residing Abroad (INRA) and Foreign Nationals | 9 |
| | 3.5.3 Admission of Non-Degree Students | 10 |
| | 3.6 Cancellation of Admission | 10 |
| | | |
| 4 | REGISTRATION | 10 |
| | 4.1 Late Registration | 11 |
| | 4.2 Academic Advising | 11 |
| | 4.3 Semester Load Requirements | 11 |
| | 4.4 Adding/Dropping of Courses | 12 |
| | 4.5 Change of Registration from Full-Time to Part-Time | 12 |
| | | |
| 5 | LEAVE RULES | 12 |

| | | | |
|-----------|---|--|-----------|
| | 5.1 | Annual Leave | 12 |
| | 5.2 | Semester Leave | 13 |
| | 5.3 | Medical Leave | 13 |
| | 5.4 | Maternity / Paternity Leave | 13 |
| | 5.5 | Absence without Sanctioned Leave | 13 |
| 6 | PERMISSION TO ATTEND OTHER ACADEMIC INSTITUTIONS /INDUSTRY AS NON DEGREE STUDENTS | | 13 |
| | | | |
| 7 | PROGRAMME REQUIREMENTS AND GRADING SYSTEM | | 14 |
| | 7.1 | Minimum Residence, Maximum Duration and Academic Requirements | 14 |
| | 7.2 | Ph. D. Credit Award Distributions | 16 |
| | 7.3 | Extension of Programme | 16 |
| | 7.4 | Audit Courses | 16 |
| | 7.5 | Grading System | 16 |
| | | 7.5.1 Grade and Grade Point | 16 |
| | | 7.5.2 Semester Performance Index (SPI) | 17 |
| | | 7.5.3 Cumulative Performance Index (CPI) | 18 |
| | | 7.5.4 Grading online courses | 18 |
| | | 7.5.5 Grade Report | 19 |
| | | 7.5.6 Transcript | 19 |
| | | 7.5.7 Withholding of Grade Report | 19 |
| | | | |
| 8 | ACADEMIC PERFORMANCE REQUIREMENT | | 19 |
| | 8.1 | Termination from the Programme | 19 |
| | 8.2 | Appeal against Termination | 20 |
| | | | |
| 9 | COMPREHENSIVE EXAMINATION | | 20 |
| 10 | STATE-OF-THE-ART SEMINAR | | 21 |
| 11 | OPEN SEMINAR | | 21 |
| 12 | APPOINTMENT OF THESIS SUPERVISOR(S) AND CONSTITUTION OF VARIOUS COMMITTEES/ BOARDS | | 22 |
| | 12.1 | Appointment of Thesis Supervisor(s) | 22 |
| | 12.2 | Constitution and Appointment of Student Research Committee (SRC) | 23 |
| | 12.3 | Constitution of Comprehensive Examination Board | 23 |
| | 12.4 | Constitution of Thesis Evaluation Board | 24 |
| | 12.5 | Constitution of Ph.D. Oral Board | 24 |
| | 12.6 | Guidelines for Institute Faculty for Supervising / Co-supervising students of other Institute / University | 25 |
| | | | |
| 13 | THESIS SUBMISSION, EVALUATION AND EXAMINATION | | 26 |
| | 13.1 | Ph.D Thesis Submission | 26 |
| | 13.2 | Ph.D. Thesis Evaluation | 27 |
| | 13.3 | Ph. D. Oral Examination | 28 |
| | | | |
| 14 | DEGREE REQUIREMENTS | | 29 |
| | 14.1 | Award of the Degree | 29 |
| | 14.1 | Withdrawal of the Degree | 29 |
| | | | |
| 15 | STIPENDS/FELLOWSHIPS, SCHOLARSHIPS, PRIZES AND MEDALS | | 29 |
| | 15.1 | STIPEND/FELLOWSHIPS | 30 |

| | | | |
|-----------|--|--|--------------|
| | 15.2 | Prizes, Medals, and Scholarships | 30 |
| 16 | CONDUCT AND DISCIPLINE | | 30 |
| | 16.1 | Code of Conduct | 30 |
| | 16.2 | Disciplinary Actions and Related Matter | 31 |
| | 16.3 | Unfair Means (UFM) | 31 |
| | | 16.3.1 Constitution of Unfair Means Committee | 32 |
| | | 16.3.2 The procedure to deal with the cases of Unfair Means (UFM): | 32 |
| 17 | WAIVER OF REQUIREMENTS IN SPECIAL CASES | | 33 |
| 18 | AMENDMENTS | | 33 |
| | Annexure | | |
| | Forms: DP-01 to DP-24 | | 34-60 |
| | | GL-1 | 61 |

PREAMBLE

The provisions contained in these Ordinances govern the policies and procedures on the admission of students, imparting instructions of Courses, conducting examinations and evaluation and certification of students' performance.

These ordinances shall supersede all the corresponding earlier set of ordinances of the Institute, with all the amendments thereto, with effect from the date of approval of the Board of Governors, and shall be binding on the students admitted/in the academic session after the approval. However, the students admitted in earlier academic session, shall be governed by the ordinances prevalent at the time of their admission.

Nomenclature

| | |
|----------|---|
| ACD | Academic Deficiency |
| AS | Academic Session |
| DP | Doctoral Programme |
| BoAc | Board of Academics |
| BoG | Board of Governors |
| BoS | Board of Studies |
| Ph.D. | Doctor of Philosophy |
| CPI | Cumulative Performance Index |
| DASA | Direct Admission of Students Abroad |
| DDPC | Department Doctoral Programme Committee |
| IDSC | Institute Doctoral Selection Committee |
| DDSC | Department Doctoral Selection Committee |
| <i>g</i> | grade points associated with the letter grades awarded to a student |
| Gol | Government of India |
| ICCR | Indian Council of Cultural Relations |
| MEA | Ministry of External Affairs |
| MNNITA | Motilal Nehru National Institute of Technology Allahabad |
| MOOCs | Massive Open Online Courses |
| MoU | Memorandum of understanding |
| s/he | she or he |
| SDPC | Senate Doctoral Programme Committee |
| SPI | Semester Performance Index |
| SUGC | Senate Under Graduate Committee |
| SMPC | Senate Masters' Programme Committee |
| UFM | Unfair Means |
| <i>w</i> | weight or credit of the course |

1. INTRODUCTION

The objectives of the Doctoral Programmes at the Motilal Nehru National Institute of Technology Allahabad (MNNIT Allahabad) are:

- To carry out research in the frontier areas of science, technology, and management.
- To nurture a capacity to learn continually and interact with multidisciplinary groups.
- To develop the scientific and engineering human resources of the highest quality to cater the needs of the academia, industry, and society.
- To inculcate intellectual habits required for successful careers in teaching, research, innovation, and entrepreneurship.
- With these goals in view, the Doctoral Programmes are designed to include Courses of study, Seminars, Projects and Thesis through which a student may develop his/her research skills, in different emergent areas.

The procedures and requirements stated in these Ordinances embody the philosophy of the Doctoral Programme and ensure a high standard of performance at the Institute.

1.1 Doctoral Programme

Various Departments/Cells/Schools/Centres of the Institute offer the Doctoral Programme. Hereafter the Departments, Cells, Schools, Centres of the Institute shall be referred to as Department.

1.2 Senate Doctoral Programme Committee (SDPC)

The Senate Doctoral Programme Committee (SDPC) shall consist of convener of DDPC of each department and six additional members of whom one shall be the outgoing Chairperson SDPC (if not otherwise a member), Chairperson SMPC, two Senate nominees from amongst the Senate members for a period of 2 years, and two doctoral students (one male and one female) for a period of 1 year. The student members shall be one from Engineering Departments and one from Non-Engineering Departments. The student members shall be nominated and approved by the Dean (Academic). Chairperson SDPC shall be nominated by the Chairperson Senate/Senate from amongst the members of the Senate.

The tenure of Chairperson SDPC shall be normally of two years.

The SDPC shall meet at least twice every semester.

The Senate Doctoral Programme Committee shall have jurisdiction in the recommendation of the following matters concerning the Doctoral Programme of the Institute:

- Modification of eligibility criteria for admission,
- Introduction of new course(s) of instruction,

- Desirable modification of courses already approved,
- Modification of the credit value of courses,
- Modification of the guidelines governing the form of presentation and disposal of thesis,
- Conduct of oral and written examinations,
- Other related matters as may be referred to it by the Senate.

The functions of the SDPC shall be of general policy determination, coordination and review, but the Senate shall retain the power of final decision. In the discharge of its responsibilities the Committee shall make full use of the appraisals and recommendations of the DDPCs of various Academic Departments.

1.3 Department Doctoral Programme Committee (DDPC)

Each Department shall have a Department Doctoral Programme Committee (DDPC) consisting of, the Head of the Department as ex-officio Chairperson, Convener, DMPC/DUGC and three to five faculty members (with earned PhD Degree) to be chosen from the Department, one Professor/Associate Professor from other Department and two departmental Ph.D. scholars. One of the faculty members shall be nominated by head as Convener, DDPC. The student members shall be nominated for a period of one year by rotation. The DDPC shall be proposed by the Head of Department. The duration of the Committee shall be two years starting from the beginning of the Academic Session. The student members shall not participate when the cases of Academic Evaluation of the concerned student is being considered, although the students' opinion might be sought prior to taking any decision.

The proposed DDPC shall be approved by the Chairperson SDPC.

The DDPC shall be responsible for the following:

- (i) Monitoring of quality of instructions to students.
- (ii) Proposing and implementing new Courses and desirable modification of courses already approved.
- (iii) Board of Academics (BoAc) of each department shall scrutinize the changes in existing or new proposals. The recommendations of BoAc will be considered in DDPC and SDPC and submitted to Senate for approval.
- (iv) Attending to the problems of PhD students and advising them in academic matters.
- (v) Any other related matter as per the Ordinance.

The Department Doctoral Programme Committee (DDPC) shall ensure that all the Rules and Procedures given in the Ordinance are adhered to and implemented without any change. While considering an issue if the Ordinance does not specifically mention something, the same shall be forwarded to Senate through SDPC for its consideration.

The Chairperson DDPC shall hold its meeting regularly, at least two meetings every semester and keep record of the decisions/ recommendations.

1.4 Office of the Dean (Academic)

The Dean (Academic) shall be responsible for the implementation of the decisions taken on academic matters by the SDPC and the Senate. The office of the Dean (Academic) shall:

- (i) Receive, process and maintain all records related to the Doctoral Programmes including Curricula, Courses offered, Academic Calendar, Registration, Semester Leave, Examinations, Grades and Award of Degrees and Medals/Prizes,
- (ii) Disseminate information pertaining to all academic matters.
- (iii) Issue necessary Memoranda/Orders.
- (iv) Act as an additional channel of communication between the Students, Instructors/ Supervisor(s), Departments/Interdisciplinary Programme/ Schools/ Cells/ Centres and SDPC.

The Ph.D. Section of the office of Dean (Academic) shall assist the SDPC in its functioning.

1.5 Board of Academics (BoAc)

There will be a Board of Academics, hereinafter, referred to as BoAc, for every Department. The constitution and role of the BoAc shall be as per guidelines of NIT Statutes, as amended from time to time. The BoAc will scrutinize the changes in existing curriculum or new proposals. The duly considered recommendations of the BoAc will be submitted to the Senate for discussion and approval.

2. ACADEMIC SESSION (AS)

The Academic Session, hereinafter, referred to as AS, of the Institute is divided into two Regular Semesters - Odd Semester & Even Semester, and Summer Semester (optional, as will be decided by the Department based on the availability of the faculty members and other resources) and of nearly one year of duration. Additionally, each AS should be documented through Academic Calendar.

2.1 Regular Semesters

The Regular Semesters of AS are termed as Odd and Even Semesters.

The Odd Semester and the Even Semester usually commence in July and January every year, respectively. Each regular Semester (Odd and Even) are twelve weeks in duration for the purpose of instructions. In addition, two weeks of each Semester are earmarked for the

End-Semester Examination and one week during the Semester is for Mid-Semester Examination.

2.2 Summer Semester

Summer Semester is the third semester in the AS and will be conducted with the discretion of the Department. However, in exceptional cases, office of Dean (Academic) may take decision in consultation with the concerned Department for the interest of the students. For students, studying in Summer Semester is optional. Summer Semester runs between declaration of results of even semester and the commencement of the classes of next AS. Summer semester is of 3-4 weeks duration for teaching and evaluation and / or guidance of the students. The mode of evaluation will be as per the regular semester, and only the TA component (25%) will be carried forward. However, the upper limit for awarding marks in the summer semester examination will be 70% of the maximum marks (i.e., maximum 52.5 out of 75) irrespective of marks secured in the summer semester examination.

2.3 Academic Calendar

The exact dates of all the important events, such as online registration, physical reporting in the Institute/ Deeksharambh, Orientation, Registration, Late Registration, Commencement of Classes, Adding and Dropping of Courses, Submission of Documents, Mid semester Examinations, Submission of Grades, Holidays, Vacation, Mid-Semester Recess, Official Students Activities, etc., during the AS are specified in the Academic Calendar of the Institute as approved by the Senate. The Dean (Academic) shall notify the Academic Calendar of each Semester or for an AS after approval of the Senate, before the commencement of the semester. Any modification / change in Academic Calendar due to an emergent situation shall be proposed by the Dean (Academic) for the approval by the Chairperson, Senate and subsequently, to be reported to the Senate for ratification.

3. ADMISSION

3.1 Admission Calendar

Admission shall normally be made for the Odd Semester. However, admissions on vacant seats (if any) may be made for the even semester on approval of the Chairperson Senate.

3.2 Selection Committee

3.2.1 Institute Doctoral Selection Committee (IDSC)

The IDSC shall be constituted every year preferably in the month of January for admissions to Doctoral Programmes for the ensuing session. The IDSC shall consist of F.I. Admission Cell, F.I. Examination Cell, A.F.I Admission Cell, Registrar, SC/ST Nominee, A.R. (Academic) as Convener of IDSC. Chairperson SDPC shall be Chairperson of IDSC (ex

officio). The constitution of the IDSC shall be proposed by the Dean Academic and approved by Chairperson Senate. The roles and responsibility of IDSC shall be to:

1. Initiate the process of Ph.D. admission.
2. Determine the number of vacancies for Ph.d. admission in all the departments /cell /school.
3. Finalize the Institute seat matrix for Ph.D. admission.
4. Finalize and process the recommenations received from the DDSC.

3.2.2 Department Doctoral Selection Committee (DDSC)

The DDSC shall be constituted every year in the month of April for admissions to Doctoral Programmes for the ensuing session. The DDSC shall consist of at least four faculty members, preferably on rotation basis (all with earned Ph.D. Degree), comprising at least one professor, one associate professor and one assistant professor, one professor from other department, and a SDPC nominee. Head of the department shall be Chairperson DDSC (ex officio). The constitution of the Selection Committee shall be proposed by the Head of the Department and approved by Chairperson SDPC.

3.3 Eligibility for Admission

1. The eligibility conditions given below shall be considered to be the absolute minimum. Department shall reserve the right to prescribe any requirements over and above these, subject to the approval of the SDPC.
2. The “specified minimum” marks/CPI (Cumulative Performance Index), referred to in subsequent sections shall imply a minimum of 60% aggregate marks or CPI of 6.5 at qualifying Examination. For SC/ST candidate’s eligibility in specified minimum marks/CPI shall be relaxed as per the Government of India norms. (Institute will not apply/accept any conversion formula from CPI to percentage or vice versa. The grade/marks awarding system as appeared on candidate’s award sheet shall be acceptable).
3. Reservation in the Programme shall be done as per the Government of India Rules.

3.3.1 Ph. D. in Engineering

Master Degree in relevant branch of Engineering/Technology with marks not below 60% or CPI 6.5

or

B.Tech. with Research or equivalent with a minimum 70% marks or CPI 7.5, Bachelor’s Degree in Engineering or Master’s Degree in Science/Applied biological sciences/Computer Application or any appropriate discipline with a minimum 75% marks or CPI 8.0.

3.3.2 Ph. D. in Management, Humanities and Social Science

Master's Degree in Management/Technology/ Engineering/ Economics/ Commerce/Science/Computer Applications/Social Science/Humanities with a minimum 60% marks or equivalent CPI 6.5.

or

B.Tech. with Research or equivalent with a minimum 70% marks or CPI 7.5, Bachelor's Degree in Engineering with a minimum 75% marks or CPI 8.0. or Qualified Chartered Accountant (CA) having minimum three years of professional experience as practicing Chartered Accountant with minimum 60% marks at both graduation level, as well as CA Examination.

3.3.3 PhD in Sciences

Master's Degree in relevant discipline with a minimum 60% Marks or CPI 6.5.

or

B.Tech. with Research or equivalent with a minimum 70% marks or CPI 7.5, Bachelor's Degree in Engineering with marks not below 75% or CPI 8.0.

3.3.4 Ph. D. In Geographic Information System (GIS) Cell

M.Tech. or equivalent degree in GIS & Remote Sensing or equivalent discipline/Civil Engineering/ Computer Science and Engineering /Electronics /Electrical Engineering / Mechanical Engineering /Information Technology /Agriculture Engineering /Mining Engineering; with minimum marks 60% or CPI 6.5.

or

M.Sc. or equivalent degree in GIS & Remote Sensing/Applied Geology/ Geophysics/Geography/ Environmental Science/Computer Science/Mathematics with minimum marks 75% or CPI 8.0.

or

Degree in Master of Computer Application with minimum marks 75% or CPI 8.0.

or

Bachelor's degree in Engineering with a minimum of 75% marks or CPI 8.0

(Candidates meeting abovementioned eligibility criteria must have Mathematics as subject up to 10+2 level)

3.4 Admission Categories of Ph.D. Research Scholars

All the Departments offer full-time and part-time Doctoral Programmes under following categories. The code for different admission categories is given in the Table 1 below:

Table 1: Course categories and codes

| Sl. No. | Course Categories | Code |
|---------|--|------|
| I. | Institute Stipendiary Full Time Research Scholar | 11 |

| | | |
|------|---|----|
| II. | Sponsored Full Time Research Scholar | 12 |
| III. | Sponsored Part Time Research Scholar | 13 |
| IV. | Faculty/Staff/Sponsored Project Fellow of MNNIT Allahabad | 14 |
| V. | Self-financed Full Time Research Scholar | 15 |

Note:

For admission to course code 11, candidates must have successfully passed the GATE/NET examination in relevant discipline. For admission to course code 12, candidates must have fellowship from CSIR/UGC/ ICAR/ICMR/ DST/ DRDO/ NPCIL/ GPAT/similar national level entrance tests in relevant discipline. Candidates may also have sponsorship from any other organization (*refer Table 1*).

3.4.1 Institute Stipendiary Full Time Research Scholars (Course Code-11):

These scholars shall be eligible for financial assistance in the form of fellowship at the approved rates and guidelines as notified by Government from time to time. The maximum age limit of the candidate should be within 30 years. The fellowship shall be awarded to the students of this code on a Semester-to-Semester basis on the satisfactory academic performance of the scholar (DP-03) and clause 15.

The scholar shall be eligible for enhanced financial assistance in the form of fellowship as per the guidelines notified by the Government of India from time to time (DP-23 & DP-24).

The sanction of enhancement of Ph.D. Scholarship may be considered w.e.f. due date of enhancement of Ph.D. Scholarship, provided the performance evaluation is completed within one month of due date of enhancement of Ph.D. Scholarship. For all other cases the sanction of enhancement of Ph.D. Scholarship will be as per the date of performance evaluation.

3.4.2 Sponsored Full-time Research Scholars (Course code-12)

Under this code those students who receive fellowship from other agencies such as UGC, CSIR, DST, AICTE, etc are covered. Such candidates shall have to fulfil the eligibility requirement as per section 3.3. It also includes QIP candidates. The candidate may be allowed to continue his/her research work with sponsored fellowship even after submission of the Ph.D. Thesis till the duration of the award of the fellowship.

3.4.3 Sponsored Part Time Research Scholar (Course Code-13):

Under this code, employees of Government/Semi-Government Organizations /R&D Organizations or government academic institutions shall be eligible. Further the employees of industry/academic institution of repute with minimum standing for 10 years shall also be eligible. Such candidates must fulfil the following conditions:

(A) The candidate must have a total work experience of at least 10 years with a minimum of 05 years continuous service with any employer.

(B) The candidate must submit a No Objection Certificate from the employer at the time of interview.

Candidates may also be admitted under this code under MoU signed between the Institute and other University/Organization/Institution/Industry. The eligibility criteria mentioned in point (A), the requirement of GATE/NET, and the requirement of 10 years of standing of industry/academic institution of repute will not be applicable to such candidates.

3.4.4 Faculty/Staff/Sponsored Project Fellow of MNNIT Allahabad (Course Code - 14):

Under this code Faculty/Staff/Project Fellow of MNNIT Allahabad shall be admitted as part time research scholar. Project Fellows include those who are working in the various externally funded research projects undertaken by the Institute. Eligibility criteria shall be same as per clause 3.3. Project fellows shall be registered under the PI (s)/ Co- PIs in the same department where the Project has been sanctioned.

3.4.5 Self-financed Full-Time Research Scholars (Course Code-15):

Self-financed full-time research scholars are those who support themselves. They shall not receive any financial support from the Institute in any form.

NOTE: The candidates in respective categories are required to fulfill the eligibility requirement mentioned in section 3.3 (Eligibility criteria for Admission).

3.4.6 Students from Abroad

The eligibility of students from Abroad shall be verified by DDSC as per Section 3.3 and other relevant sections. Valid GRE score will be applicable for these candidates.

3.4.6.1 Sponsored foreign students

Foreign students shall be sponsored by their Government or employer or awarded scholarship by Government of India, Indian Council for Culture Relations (ICCR) or other such Agencies /organizations. These students may apply to the Institute through DASA/ Ministry of External Affairs.

3.4.6.2 Self-Financed foreign students

These students may apply to the Institute through DASA/ Ministry of External Affairs.

3.5 Admission Procedure

1. All admissions shall be made only after approval of the Chairperson, Senate on the recommendations of the duly constituted Department Doctoral Selection Committee (DDSC) and Chairperson IDSC.

2. After receiving the duly approved list of the selected candidates from the Office of the Dean (Academic), Head of the Department shall issue the admission letter to the candidates, who shall be required to accept the offer of admission by depositing the prescribed fee before the specified date.
3. In case a candidate does not accept the offer by not paying the prescribed fee by the specified date, the offer of admission shall stand automatically withdrawn, and the admission may be offered to the candidates in the waiting list, if any.
4. The offer of admission shall also stand withdrawn if the candidate fails to register by the last date of registration after accepting the offer of admission.
5. The selected candidate, who has completed all the pre-requisites of qualifying degree before the date of registration but is unable to produce the certificate of having passed and secured the minimum specified qualifying marks, shall be considered for provisional admission. However, if admitted provisionally, he/she shall be required to produce the evidence of his/her having passed the qualifying degree examination within six weeks from the last date of registration, failing which the admission shall automatically be cancelled. In special cases relaxation to this date may be given by Chairperson, Senate.

3.5.1 Admission under different Programmes Codes

1. Admission to the Ph.D. Programmes shall be based on evaluation (i.e. written test and/or interview, academic credentials) of the eligible shortlisted candidates by the DDSC.
2. The candidates under Code 12 must fulfil the additional requirements of their sponsoring/funding agency, if any.
3. For code 13, the candidates shall be evaluated on basis of a Statement of Purpose (to be submitted along with application form) along with interview.
4. Project Fellow shall be required to pursue his/her Ph. D. work in the area of research project and with the PI and/or Co-PI only in the same department, where project has been sanctioned. However, another supervisor may be added as per clause 12.
5. Foreign students shall also be admitted on basis of interview and a Statement of Purpose.
6. Eligibility criteria as specified in clause 3.3 shall also be applicable.
7. Reservation shall be applicable as per Government of India Rules.

3.5.2 Admission of Indian Nationals Residing Abroad (INRA) and Foreign Nationals

1. INRA candidates must have been residing abroad continuously for at least five years at the time of applying for admission. They shall apply for admission through Indian Embassy in their country. Their applications shall be processed by the DDSC along with regular admission process during odd or even semester subject to fulfilment of eligibility requirement as per clause 3.3. Such candidates will be required to complete residence requirement as per Clause 7.

2. The applications of foreign nationals, who are sponsored by the Indian Council of Cultural Relations (ICCR) /Government, shall be scrutinized by the Department concerned, to assess their suitability for admission to the programme. Foreign students under this code shall be admitted through Embassy of their countries after getting approval from the Ministry of Home Affairs and the Ministry of Human Resource Development, Government of India.

3.5.3 Admission of Non-Degree Students

1. A non-degree student is registered for a Degree in any other recognized Institute or University in India or abroad, and is one who is officially sponsored by that Institute or University to complete part of his/her academic requirements at MNNIT Allahabad. For that purpose the non-degree student may carry out Research/Course work and use other academic facilities including laboratories at MNNIT Allahabad.
2. The strength of non-degree students in any Programme shall not be more than 10% of the Programme strength. The fee structure and other modalities may be decided by School for Non Formal and Continuing Education (SNFCE).
3. Students so admitted shall be governed by all Rules and Regulations of the Institute during the period of stay.

3.6 Cancellation of Admission

The Dean (Academic) with approval of the Director /Chairperson Senate may cancel the admission of any student who fails to submit the prescribed documents by the specified date or to meet other stipulated requirement(s). The Senate may also cancel the admission at any later stage if it is found that the student had supplied some false information or suppressed any relevant information while seeking admission, or has been found engaged in serious of indiscipline act.

4. REGISTRATION

The office of the Dean (Academic) shall coordinate the registration process with the assistance of the Conveners of DDPC. A student shall register each Semester for the Courses/Mini- projects/Comprehensive Examination/State-of-the-Art Seminar/Thesis Performance Credits that he/she intends to pursue in that Semester.

1. The registration process shall involve payment of fees for that Semester and clearance of any outstanding dues of the previous Semester, signing the registration roll for physical registration and submit duly filled DP-01; without which registration process shall remain incomplete. For Newly admitted students completed DP-02, DP-12, and DP-13 must also be submitted along with DP-01 within two weeks of registration.
2. The physical registrations of students who are not in campus due to Internship of atleast one semester are recommended for waiver of physical registration. However, they have to show ID card and, ON their video, to show their physical presence on any online media.

3. All the students shall continue to register in the semesters till they submit their Thesis. Those students who are on authorized leave shall also register as per institute norms.
4. Those students who after registering the Semester have to avail leave for more than as admissible in the Ordinance must be either advised for Semester drop or for the reduced credit units on pro-rata basis.
5. A student who has delivered his/her Open Seminar successfully shall register for zero credits in subsequent Semester(s) till the submission of the Thesis, and pay semester fee.
6. A student who has submitted his Ph.D Thesis shall not be required to register in subsequent Semesters.

The sole responsibility of registration shall rest with the student concerned.

4.1 Late Registration

Late registration is discouraged. However, late registration will be permitted with a financial fine as decided from time to time up to two weeks from the notified last date of registration. No registration shall be allowed after the notified last date of late registration during the semester except in special cases with the permission of Dean (Academic) on the recommendation of Head of the concerned Department.

4.2 Academic Advising

A student shall be advised in the selection of Courses by the Supervisor. Selected Courses shall be submitted on the prescribed format (Form: DP-01) at the beginning of each semester.

4.3 Semester Load Requirement

A semester load shall be equivalent to maximum 20 credits and minimum 8 credits. The first or second semester should also include a compulsory course on research methodology and research ethics. A Student shall also deliver seminar on thesis performance at the end of each Semester (optional for I semester) for the purpose of evaluation of the progress made during that Semester. The end semester thesis performance shall be held as per the dates notified in academic calendar after due notification by the supervisor(s). The progress shall be evaluated by Student Research Committee (SRC) constituted as per section 12.2, in the prescribed format (Form: DP-02). The progress report shall be submitted to office of the concerned department in the prescribed format with a copy to Dean (Academic) office (Form: DP-03). There shall be no requirement of thesis performance once a Student has delivered Open Seminar.

Once a Student has satisfactorily presented Open Seminar he/she shall register for zero credit in subsequent semesters till submission of the Thesis. The Credits earned through Open Seminar shall only be considered for the purpose of Award of Grades in the particular Semester in which Open Seminar has been successfully delivered.

4.4 Adding/Dropping of Courses

Adding and dropping of Courses after registration shall be permitted on the request of the student in the prescribed format (Form: DP-04).

The last date of withdrawal of course work(s) will correspond to one-month calendar date before the last date of end semester progress presentation of the student.

The Convener DDPC in consultation with the Course Coordinator and with the approval of the Chairperson SDPC may allow a student at his/her request to add/drop from one or more Courses during the semester. The subsequent maximum/minimum semester load shall be as specified in Section 7.2.

4.5 Change of Registration from Full-Time to Part-Time

(i) A student admitted to a full-time Ph.D. programme may be permitted to change to a Part-time Ph.D. Programme by submitting the application in the prescribed format (Form: DP-05).

(ii) A student requesting such a conversion must have completed the Coursework, passed the Comprehensive Examination, given the State-of-the- Art Seminar which is adjudged as satisfactory, and completed the residence requirements.

(iii) Such conversion, if approved by the Chairperson SDPC, shall be subject to the following conditions:

- The student must complete his/her Thesis within 7 years counted from the date of his/her first registration in the Programme.
- Provision of conversion from full-time to part-time status can be availed only once by the student during his/her Programme.

Further, as per National Education Policy 2020 multiple exit points with some kind of certification may be introduced by the Senate.

5. LEAVE RULES

Full-time students may be granted leave on submission of application to the Head of the Department concerned through the Supervisor and Convener DDPC, in the prescribed format (Form: DP-06).

5.1 Annual Leave

1. A Ph.D. student may be allowed leave of 15 days in a Semester or maximum 30 days in an Academic Calendar year, excluding Institute holidays.
2. The student may be allowed academic leave for a maximum of 7 days in a calendar year to attend conferences/seminars/workshops/training/short-term courses.

3. The student going for any academic work related to the Thesis work for more than 15 days and a duration corresponding to less than a semester duration may be sanctioned by the chairperson SDPC for training within India, however for the training outside India, leave will be sanctioned by the Dean (Academic).

5.2 Semester Leave

Semester leave for up to a maximum of two Semesters may be sanctioned by the Dean (Academic) on recommendation of Supervisor, DDPC, SDPC for bonafide reasons and / or in exceptional circumstances. Leave for more than one Semester at a time shall not be granted. However, such student is required to register in the semester with full fee and zero credits. For any registered student, refund of registration fee shall not be allowed and his credit shall be treated as zero.

5.3 Medical Leave

For serious / exceptional medical condition, accident, etc. (to be endorsed by the institute medical officer / Govt. Hospitals/ Specialized Hospitals), a student may be granted a medical leave of maximum 15 days in an academic year (in addition to normal annual leave (5.1) with a stipend (if, applicable) upon recommendation by Supervisor(s)/Convener DDPC and approved by the concerned Head of the Department.

- (i) For extraordinary situations requiring the leave beyond 15 days, the application may be recommended by the DDPC and approved by the SDPC on case to case basis.
- (ii) All other academic requirements must be fulfilled by the student.

5.4 Maternity / Paternity Leave

Maternity / Paternity leave shall be governed by Government of India rules as adopted by the Institute from time to time.

5.5 Absence without Sanctioned Leave

Absence without sanctioned leave shall entail loss of financial assistantship for the period of absence in case of stipendiary students. Except for part time research scholars, Convener DDPC shall issue a warning letter to the absent student with intimation to the Supervisor, Head of the Department and Chairperson SDPC. Long absence without sanction may result in the termination of the student's Programme on the recommendation of the supervisor, DDPC and SDPC and approval of the Chairperson Senate. Head of the Department shall issue the termination letter with copy to office of the Dean (Academic).

6. Permission to Attend Other Academic Institutions / Industry As Nondegree Students

In order to help students to broaden their horizons and enrich their cultural and academic experience, provision to proceed to other academic and research Institutions in India or

abroad as non-degree students is available. Rules and procedures to be followed for availing this provision are as follows:

1. Only those Ph. D scholars who have spent at least two Semesters, completed Course work, passed comprehensive examination and successfully presented State of the Art Seminar, are eligible to proceed as non-degree students elsewhere.
2. An eligible student shall make an application for approval to the Chairperson SDPC through the Convener DDPC, HoD, and the Thesis Supervisor in the prescribed format (Form: DP-07), duly supported by a statement of purpose to undertake the proposed work and sufficient information about the Department/Institution and, acceptance from that Institute/ Organisation.
3. A student who has presented his/her Open Seminar shall not be entitled for this provision.
4. The duration of stay and the work completed shall be considered for academic requirement.
5. The performance of the student shall be evaluated by the SRC at the end of the semester to fulfill the academic performance requirements of the Doctoral programme of the Institute. The student shall also be required to produce a certificate of attendance from the host institution/industry.
6. A student shall be entitled to receive scholarship on the condition that he/she shall submit the proof that he/she is not receiving any financial assistance at the host Institution. However, his/her financial assistantship shall be released (including that for the period of absence) after he/she joins back the Department on recommendation of the DDPC, through supervisor.
7. In case, the student is not able to physically report during registration, due to his/her assignment at the host Organization/Institution, he/she may be allowed by Dean Academics for physical reporting at a later date on recommendation of the supervisor, and Head of Department.

7. PROGRAMME REQUIREMENTS AND GRADING SYSTEM

7.1 Minimum Residence, Maximum Duration and Academic Requirements

The following table lists the minimum residence and maximum duration allowed in the Ph.D. Programme, and credit requirements for graduation in the Ph.D programmes. *"Course Work" includes normally Masters'/Doctoral Course credits/ or any other theory course/ laboratory course/mini-project unless otherwise stated. To satisfy the "Minimum Residence" requirements, registration must be over consecutive Semesters; exception will be made only*

if the student is on authorized leave. "Maximum Duration" is counted from the student's first registration date. SPI/CPI will be calculated on the basis of all Courses taken by the student.

Table 2: Credit Distribution and Residence Requirement

| Department | Qualifying Degree | Min. Total Credits to be earned | Min. Credits through Course work/Lab Course /Mini-Project | Credits through Comprehensive Examination | Credits through State of Art Seminar | Min Credits through Research | Credits through Open Seminar | Min. Duration (Full Time) in Semesters | Min Residence Period in Semesters (Full Time) | Maximum Duration in Semesters for Full Time / Part Time |
|--------------|-------------------------------------|---------------------------------|---|---|--------------------------------------|------------------------------|------------------------------|--|---|---|
| Engineering | M.Tech /M.E | 80 | 16 | 8 | 8 | 48 | 8 | 6 | 4 | 12 / 14 |
| | B.Tech. with Research or equivalent | 100 | 24 | 8 | 8 | 60 | 8 | 8 | | |
| | B.Tech/ MCA/M.Sc. | 120 | 32 | 8 | 8 | 72 | 8 | 8 | | |
| Management | MBA/MMS | 80 | 16 | 8 | 8 | 48 | 8 | 6 | 4 | 12 / 14 |
| | B.Tech. with Research or equivalent | 100 | 24 | 8 | 8 | 60 | 8 | 8 | | |
| | B.Tech/ M.Sc./ MA/M.Com./C.A. | 120 | 32 | 8 | 8 | 72 | 8 | 8 | | |
| Science /HSS | M.Sc./MA/ M.Com./MBA/M.Tech /MCA | 80 | 16 | 8 | 8 | 48 | 8 | 6 | 4 | 12 / 14 |
| | B.Tech. with Research or equivalent | 100 | 24 | 8 | 8 | 60 | 8 | 8 | | |
| | B.Tech | 120 | 32 | 8 | 8 | 72 | 8 | 8 | | |

Notes:

1. Minimum 12/20/28 credits should be earned through Theory Course work out of 16/24/32 credits (as per table above in the column 4).
2. The thesis performance in each semester shall be of maximum 12 credits.
3. The theory Course and Laboratory/ Mini-project shall be considered as Course Work of four credits each. The Mini Project shall be evaluated by the SRC (DP-22). On the recommendation of the Supervisor(s), the Department may prescribe, with prior approval of the Chairperson SDPC, additional credits of Courses/Thesis work, over and above the minimum specified in the Table 2.
4. The student shall normally undertake course work of MNNIT Allahabad before the start of the semester. If any relevant course is not running in the Institute in odd/even semester, He/ She may complete course work under special circumstances through SWAYAM/ MOOCS/ any other online mode of instruction by MNNIT on advice of the supervisors and recommendation by the Head of the concerned Department. Further, if any relevant course is not running in the Institute in odd/even semester, He/ She may complete course work under special circumstances from any other institution of repute. Evaluation process of these courses will be made as per guidelines formulated by Dean (Academic). The student may be allowed to undertake online courses up to maximum 25% of course work credits.

The SDPC on the recommendation of DDPC shall decide on the matters pertaining to credits, duration and normalization of marks etc. of the online course.

5. Part time students shall be required to be present on the campus for physical registration, course work (as far as possible), examinations, thesis performance presentation at the end of every semester till submission of the thesis.

7.2 Ph. D. Credit Award Distributions

1. All the Ph. D. students shall be registered in every semester for minimum 8 credits and maximum of 20 credits.
2. Credit for thesis performance/ Comprehensive examination/State of the Art/Open Seminar shall be submitted in the combination of S (for satisfactory) or X (for unsatisfactory), where one S/X is awarded for 4 credits.
3. The performance credit shall be assigned by SRC in the prescribed format (Form: DP-03) and the same shall be forwarded to Dean (Academic) through Convener DDPC and Head of the department for recording the academic performance of the student.
4. The credit for course work shall be awarded and submitted by respective course coordinator within the prescribed time limit for grade submission at the end of each semester.

7.3 Extension of Programme

No student, who has completed the prescribed maximum duration in the Programme, shall be allowed to register in the subsequent Semester, unless he/she has been granted extension of the Programme by the Dean (Academic) on the recommendations of the supervisor, DDPC and SDPC.

7.4 Audit Courses

The students are permitted to take audit Courses if proposed by Supervisor through Convener DDPC. Such Courses will have grade S (for Satisfactory) and X (for Unsatisfactory).

7.5 Grading System

7.5.1 Grade and Grade Point

1. A student shall be awarded a letter grade in each Course in which he/she is registered for, indicating his/her overall performance in that Course. There are nine Letter Grades: A+, A, B+, B, C, D, F, N and ABS. The correspondence between grades and points (on a 10-point scale)/rating is given below:

| | | | | | | | |
|--------------|----|---|----|---|---|---|---------|
| Letter Grade | A+ | A | B+ | B | C | D | F/N/ABS |
| Grade Points | 10 | 9 | 8 | 7 | 6 | 4 | 0 |

A student, who is not allowed to appear in the end-semester examination for any reason, such as shortage of attendance / disciplinary action / or alike, shall be awarded N grade. A student, who could not appear in end semester Examination for reasons other than Shortage of Attendance/ Disciplinary Action/ or alike shall be awarded ABS grade.

In order to have appropriate evaluation correspondence with online courses / courses from other institutions, etc., it is desirable that A+ may be awarded to the students securing more than or equal to 85% marks and a student securing less than 30% marks may be awarded grade F.

In addition, there are three Letter Grades, viz. S, X, and W which stand for Satisfactory, Unsatisfactory, and Withheld temporarily, respectively.

2. The System of grading to be followed shall be **Relative Grading System**. The HoD shall ensure that the course instructor/coordinator uses normal distribution curve to award, ensuring that majority of the students fall in the middle range of the grades.

3. A student, who does not appear/is not allowed to appear in the End-semester Examination for any reason, shall be awarded W grade irrespective of his/her performance in the Mid- Semester Examination and teacher assessment and shall be treated as ACD. Such student shall be required to clear his/her W grade by appearing in the subsequent Grade Improvement examination.

4. An ACD student shall be allowed to clear his/her ACD by repeating the course in which he/she has attained F/N/ABS/D/C grade; or may be advised to replace the course with another course on the recommendation of the Supervisor and DDPC, subject to the following conditions:

- His/her CPI is less than the prescribed minimum and the student is allowed to continue in the Programme (as per provisions of section 8.1), and
- The SPI and CPI shall be calculated after replacing the old grades by better of the old and new grades obtained by such a student to remove Academic Deficiency. All the Courses attended by the student shall appear on the transcript.

5. The grade S or X shall be awarded for Thesis performance credits as follows:

At the end of the Semester, the Student Research Committee (SRC) shall assess the student's progress towards the Thesis work during the Semester and shall award the grade S for each set of 4 credits if the work is satisfactory and grade X for every unsatisfactory 4 credits.

7.5.2 Semester Performance Index (SPI)

The Semester Performance Index (SPI) shall be the weighted average of the Grade Points earned by a student in all the Courses credited and describes his/her Academic Performance in a Semester. If the grade points associated with the letter grades awarded to a student are $g_1, g_2, g_3, \dots, g_m$ in m Courses and the corresponding weights (or credits of the Courses) are $w_1, w_2, w_3, \dots, w_m$, the SPI is given by

$$SPI = \frac{\sum_{i=1}^m w_i g_i}{\sum_{i=1}^m w_i}$$

S and X grades shall not be considered in the computation of the SPI.

7.5.3 Cumulative Performance Index (CPI)

The Cumulative Performance Index (CPI) indicates the overall Academic Performance of a student in all the Courses registered up to and including the latest completed Semester term. It shall be computed in the same manner as the SPI, considering all the Courses (say, n), and is given by

$$CPI = \frac{\sum_{i=1}^n w_i g_i}{\sum_{i=1}^n w_i}$$

Whenever a student is permitted to repeat or substitute a Course, the new letter Grade replaces the better of the old and new letter Grades in the computation of the CPI, but, both the Grades appear on his/her Grade Report.

7.5.4 Grading Online Courses

The grades equivalence of the marks obtained (as stated in the marks sheet of the student) by a student in a course work through online courses / MOOCs / courses offered by other Institutions under MoU shall be adopted as given below.

| Equivalent Grades | A+ | A | B+ | B | C | D | F |
|---|-----|-------|-------|-------|-------|-------|-----|
| % Marks obtained (as per the marks sheet of the student) by a student in a course work, through MOOCs | ≥85 | 84-75 | 74-65 | 64-55 | 54-45 | 44-40 | <40 |

The SDPC, on the basis on recommendation of DDPC shall decide on other matter pertaining to credits, duration, normalization of marks etc. of the online course.

7.5.5 Grade Report

A copy of the Grade Report shall be issued to each student at the end of the Semester. A duplicate copy, if required, can be obtained on payment of the prescribed fee.

7.5.6 Transcript

A Transcript contains the record of the Grades obtained in each and all Courses, Project and Seminar registered by a student during his/her entire Programme. It will be provided on request and on payment of prescribed fee.

7.5.7 Withholding of Grade Report

The grade report of a student shall be withheld if he/she has not paid his/her dues, or if there is a case of indiscipline pending against him/her.

8. ACADEMIC PERFORMANCE REQUIREMENTS

1. The minimum SPI/CPI requirements for continuing in the programme is equal to 6.5
2. A student who secures SPI less than 6.5 in the first semester shall be allowed to register for second semester without stipend/fellowship. These students shall be categorized as "Academically deficient (ACD)". Such student shall be advised by the supervisor to clear the same in Grade Improvement or makeup examination (if any).
3. A student shall be allowed to register in the third semester and subsequent semester if following conditions are met by him/her.
 - (a) His/Her CPI is equal to or greater than 6.5 at the end of academic session.
 - (b) He/She does not have W / ABS or F grade in any registered course.
 - (c) He/She has not accumulated 10X since first registration or 4X in two consecutive semesters.

A student who does not fulfil any/all of the above conditions shall also be categorized as "Academically deficient" (ACD).

4. If ACD is due to 3 (a) and/ or 3 (b), the student shall be allowed to clear the same in Grade Improvement examination / make up examination (if any).
5. A warning shall be issued for every X by convener DDPC to the student.
6. If a student secures more than 4X the Head of Department shall issue warning letter and termination letter in case of 8.3.

8.1 Termination from the Programme

- (1) A student shall not be allowed to continue in the programme if:
 - (a) His/Her CPI is less than 6.5 at the end of academic session. OR
 - (b) He/She has W or F/ ABS grade in any registered course. OR

(c) He/She has accumulated 10X since first registration or 4X in two consecutive semesters. OR

(d) He/She is not able to earn prescribed minimum credits in the Maximum duration as specified in Section 7.1.

(2) The Head shall issue termination letter in case of 8.1(1)

8.2 Appeal against Termination

A student, whose programme is terminated on account of inadequate Academic Performance or otherwise, may appeal to the Chairperson Senate for reconsideration through DDPC and SDPC. Such student shall make appeal within 90 days. While making the appeal against termination, he/she shall give reasons for his/her poor Academic Performance and/or to explain why his/her position merits reconsideration. The Senate shall take a final decision after considering all the available inputs. The Senate shall not entertain any further appeal for review unless substantial additional information is brought to its notice. The Senate shall not entertain the appeal more than twice from the same student.

9. COMPREHENSIVE EXAMINATION

1. Students registered in the Ph.D Programme must pass a Comprehensive Examination with 'SS' grades designed to test the overall comprehension of the student in various subjects. A student can appear in the Comprehensive Examination only after he/she has completed the Course Work requirement satisfying the minimum specified CPI requirement.

2. Students after the completion of the Course Work shall appear in the Comprehensive Examination in the beginning of subsequent Semester but not later than completion of that particular semester.

3. In case a student fails to clear Comprehensive Examination within the specified period, extension of three months can be given by the Head of the concerned department on the recommendation of supervisor/ Convener DDPC.

4. The Examination shall be in oral form but may be supplemented with a written part if the supervisor (s) so desire.

5. The Comprehensive Examination shall be conducted by a board as per Clause 12.3 (Form: DP-08). A student shall be considered to have passed the comprehensive examination if he/she attains SS. The report of the Comprehensive Examination must be sent to the Chairperson SDPC within three working days from the date of Examination in the prescribed format (Form: DP-09).

6. If a student fails to clear the Comprehensive Examination in his/her first attempt, a second Comprehensive Examination shall be conducted. A student shall not be allowed to appear in the Comprehensive Examination more than twice. In case the candidate fails to clear Comprehensive Examination in the second attempt, he/she shall be terminated from the Programme. The Head of the Department shall issue the letter in this regard. All such cases shall be brought to the notice of the Senate.

10. STATE-OF-THE-ART SEMINAR

(i) Every Ph.D. student shall be required to present a seminar in the Department covering the State-of-the-Art in the proposed area of research. A **detailed research proposal** (two copies) shall be submitted by the candidate at the time of delivering the State-of-the-Art Seminar. The State-of-the-Art Seminar shall be delivered within six months from the date of successful completion of the Comprehensive Examination. The supervisor shall notify the date of seminar at least five working days in advance.

(ii) If a student is unable to deliver State-of-the-Art Seminar within this period or has failed to deliver the seminar satisfactorily, he/she may be given an extension of maximum six months by the Head of the concerned department on recommendation of the supervisor and Convener DDPC with valid reasons, failing which the registration shall automatically stand cancelled. Head of the Department shall issue the termination letter.

(iii) State-of-the-Art Seminar along with research proposal shall be evaluated by Student Research Committee (SRC). A report of satisfactory completion of this requirement shall be communicated to Chairperson SDPC in the prescribed format (Form: DP-10) along with the research proposal duly signed by the candidate and the supervisor.

11. OPEN SEMINAR

Before submission of the Thesis, a Ph.D student shall deliver an Open Seminar before the SRC which shall be open to the Faculty and students. The student shall present his/her research work to obtain comments and criticism, which shall be incorporated in his/her Thesis to the satisfaction of the Supervisor(s). A notice of the Seminar must be displayed at least five working days in advance by the supervisor. A Thesis can be submitted only after the satisfactory fulfilment of this requirement. The candidate shall inform the Convener DDPC through the Supervisor for his/her readiness to deliver the Open Seminar. Student Research Committee (SRC) shall evaluate and submit report of the Open Seminar in the prescribed format (Form: DP-11). In case a candidate fails to deliver the Open Seminar satisfactorily, he/she may be given another opportunity by Chairperson SDPC on the recommendation of the supervisor and Convener DDPC but candidate has to deliver the Open Seminar satisfactorily within next two semesters. A student shall be considered having satisfactorily presented open seminar if he/she obtains 'SS' grades.

A student is eligible to deliver the Open Seminar if he/she fulfills the following:

- a. Passed all the prescribed courses and has attained the minimum required CPI with no course having N / F grade.
- b. Passed the Comprehensive Examination and State of the Art Seminar.
- c. Has earned minimum credits as specified in section 7.1.

12. APPOINTMENT OF THESIS SUPERVISOR(S) AND CONSTITUTION OF VARIOUS COMMITTEES BOARDS

12.1 Appointment of Thesis Supervisor(s)

1. Thesis Supervisor(s) of a student shall be appointed from amongst the Faculty Members of MNNIT Allahabad. A faculty with earned Ph.D. shall be eligible to be a supervisor.
2. In order to ensure equitable allocation of Ph.D students among faculty of the department a roster shall be used in a transparent and uniform manner.
3. One of the supervisors must be from the department in which the student has been admitted.
4. The candidate shall propose the list of faculty as preferred supervisor(s) in her/his chosen area of research in the prescribed format (Form: DP-12(a)) along with consent of the faculty/faculties on Form-12 (b) within two weeks from date of first registration. Thereafter, the DDPC shall meet within one week to consider duly filled in Form DP-12(a) and Form-12 (b) to forward the recommended Form(s) along with minutes of the meeting, to the Chairperson SDPC for approval.
5. A student shall not have more than two Supervisors, including external Supervisor, at any time.
6. A student can have a Co-Supervisor from outside the Institute (within or outside the country) in addition to a Supervisor from the Institute on the recommendation of the DDPC and the SDPC and with approval of the Dean (Academic). A copy of signed C.V. of the proposed supervisor and No Objection Certificate from his/her Institute must be submitted for consideration of DDPC and SDPC.
7. Any change/addition in the existing Supervisor, if desired, shall be routed through DDPC. Candidate shall fill up the prescribed form (Form: DP-13) to propose the new Supervisor(s), with no objection from existing Supervisor(s) and consent of the proposed Supervisor(s) routed through DDPC. The change/addition shall be decided by the Dean (Academic) on the recommendation of the Chairperson SDPC. In case the new supervisor is from outside the Institute the modalities as referred in point 4 above shall be applicable.

8. In case of change/addition of Supervisor(s), the Open Seminar can be held only after one year from the date of approval of such change.
9. If a Solo Supervisor is proceeding on leave for more than one year, he/she in consultation with the student shall propose an additional supervisor as per points 5 & 6 above. Further, if the candidate has already presented Open Seminar satisfactorily and the Supervisor proceeds on leave, the Convener DDPC shall take care of the formalities of thesis submission and evaluation, such as providing the list of Examiners, conducting the Oral Examination, etc. in consultation with the Thesis Supervisor.
10. In case a solo Supervisor resigns/retires or otherwise ceases to be a Faculty Member of the Institute and if the candidate has delivered Open Seminar, the modalities as in point 9 shall be applicable. In case there are two supervisors from the Institute, and one of the supervisors proceeds on leave for more than one year and/or retires/ ceases to be a faculty of the Institute, such faculty shall not continue to be the supervisor.
11. A Professor/Associate Professor/ Assistant Professor shall not supervise more than six scholars from code 11 at a given point in time, the upper limit shall exclude the students who have submitted the Thesis.
12. Faculty Member having less than two years' service left before retirement shall not be allotted new Ph.D. student.
13. In case a Faculty Member is suspended /debarred for indulging in lowering the prestige of the Institute, in any manner, he or she shall cease to be a Thesis Supervisor.

12.2 Constitution and Appointment of Student Research Committee (SRC)

Student Research Committee (SRC) shall be formed within one month after the allotment of supervisor (s) in the prescribed format (Form: DP-02). SRC shall consist of Supervisor(s), one faculty member from the same Department and one faculty member from any other Department, working in the same area or related area of research. Supervisor shall be the Chairperson of the Committee.

In case a particular member of SRC is not available during an examination, the supervisor may seek permission to replace him/her with another Faculty Member from Chairperson SDPC through Convener DDPC and Head of the Department. In case of any dispute, the matter may be decided by Chairperson SDPC. Such substitution shall be applicable for that particular examination only. In case a particular member of SRC is on long leave of more than one year or has left the Institute, the supervisor shall propose a new SRC.

12.3 Constitution of Comprehensive Examination Board

The Comprehensive Examination Board shall consist of minimum of four Faculty Members including Supervisor(s) (all having earned Ph.D. Degree) with at least one from the concerned department (other than supervisor) and at least one from other department (other than supervisor), preferably those who have taught the courses. Constitution of the Board shall be proposed by the Thesis Supervisor(s) and forwarded by the Convener DDPC and Head of the Department, to the Chairperson SDPC in the prescribed format (Form: DP- 08), for approval. The Thesis Supervisor of the student shall be the Chairperson of the Board. In case the Thesis Supervisor is on long leave, Clause 12.1(7) shall apply.

12.4 Constitution of Thesis Evaluation Board

The Thesis Evaluation Board shall consist of two Examiners from outside the Institute, of which at least one must be from India. The Thesis Supervisor(s) shall be member of the evaluation Board. The Board shall be approved by the Dean (Academic).

1. The Thesis Supervisor(s) shall propose a list of Examiners consisting of minimum of six experts including at least two from outside the country from Institutes of repute in prescribed format (Form: DP-15). A brief profile of the proposed examiners may be attached with Form DP-15 for consideration of Chairperson SDPC and Dean (Academic). This list shall be forwarded by the Convener DDPC and HoD to Chairperson SDPC at the time of submission of the Thesis along with synopsis in soft copy prepared according to the prescribed guidelines GL-1. The Dean (Academic) in consultation with the Chairperson SDPC shall select the members of the Thesis Evaluation Board from this list. If considered necessary, the Dean(Academic) may ask for additional names of experts to be submitted or add additional names of experts in consultation with Chairperson SDPC.

2. In case Chairperson SDPC is the Supervisor of the student concerned, Dean (Academic) may consult Chairperson SMPC to complete the process of approval of the Thesis Evaluation Board.

3. If Chairperson Senate and Dean (Academic) both are Supervisors, then Chairperson SDPC shall approve the Evaluation Board in consultation with Chairperson SMPC.

4. The names of the members of the Thesis Evaluation Board shall be kept confidential till successful completion of the Thesis Evaluation.

12.5 Constitution of Ph.D. Oral Board

On completion of Ph.D. Thesis evaluation (as detailed in section 13.2), the Chairperson SDPC shall send to the Thesis Supervisor(s), the names of the members who are from outside the Institute but are from within the country so that one of these examiners can be included in the proposed list of the Members of the Oral Board.

The oral board shall consist of the following,

- (i) One Faculty from the Department, from SRC.
- (ii) One Faculty from outside the Department, from SRC.
- (iii) One examiner from among the members of the Thesis Evaluation Board from within the country but outside the Institute.
- (iv) Thesis Supervisor(s)

If members as stated on points (i) and (ii) are not from SRC, proper justification may be enclosed along with Form DP-16.

The Thesis Supervisor(s) shall propose the constitution of the Oral Board in prescribed format (Form: DP-16), and Convener DDPC and HoD shall forward the same to the Chairperson SDPC, who shall recommend it to the Dean (Academic) for approval.

12.6. Guidelines for Institute Faculty for Supervising / Co-supervising students of other Institute / University

1. In the Guidelines, Unless the Context otherwise requires,
 - a) "Institute" means Motilal Nehru National Institute of Technology Allahabad (MNNIT Allahabad).
 - b) "Parent Institute / University" means the Institute in which the Research Scholar is enrolled for the degree program.
 - c) "Supervisor / Co-supervisor" means Regular Faculty of MNNIT Allahabad.
 - d) "Research Scholars" means Research Scholars having enrollment in other Institute / University.
2. The Faculty of MNNIT Allahabad who wish to Supervise / Co-supervise students of other Institute / University shall abide the following:
 - a. Supervisor / Co-Supervisor shall not Supervise/Co-supervise more than two Research Scholars. Preferably, these two Research Scholars shall be from different Parent Institute/ University.
 - b. The Research Scholar need to be enrolled in any of the following category of Institutions.
 - **Category –I Institutions:**
 - IITs / NITs / IISc / IISERs / IIMs / IIITs / IEST Shibpur.
 - **Category-II Institutions:**
 - Other Centrally funded Technical Institutions.
 - State funded Technical Institutions.

- **Category-III Institutions:** Any other Institutions appearing within top 100 rank of NIRF ranking published by MHRD in last two years.
- c) The Research Scholar shall submit Rs. 10,000/- per semester in Institute as supervision fee in lieu of facilitating the Institute faculty as his / her Supervisor / Co-Supervisor. This fee will include fee for utilization of research facilities such as labs, library, Software's etc. to the Research Scholars on Saturdays only.
 - d) Charges mentioned at point No. 2 (c) would be raised by 20% every two year.
 - e) Supervisor / Co-Supervisor shall preferably facilitate the Research Scholar on Saturdays.
 - f) The registration record of these Research Scholars would be maintained at the Office of Dean (Academic) and concerned departments.
 - g) Supervisor/ Co-Supervisor would be entitled for all the IPR points generated through this activity.
 - h) In case of Research Scholar belonging to a foreign university then a separate MoU need to be signed with the said University.

In case the Supervisor / Co-Supervisor is required to travel to Parent Institute, then that shall be considered under Special Casual leave. The Institute shall not borne any expense incurred by the Supervisor/ Co-Supervisor in this regard.

13. THESIS SUBMISSION, EVALUATION AND EXAMINATION

13.1 Ph.D Thesis Submission

Ph.D. Thesis can be submitted only after satisfactory completion of the Open Seminar, satisfactory report from Intellectual Property Rights (IPR) Cell (DP-14), and preferably one paper in SCI/SCIE journals or two papers in Scopus journals accepted / published or Patent applied /published or Technology Transferred from the thesis and submission of no dues certificate. A soft copy of the Ph.D Thesis (prepared according to the prescribed guidelines: GL-1) in CD (as approved by IPR Cell) shall be submitted to the Office of the Dean (Academic).

The student shall be required to submit the Thesis within nine months from the date of Open Seminar. If the candidate fails to submit the Thesis within the specified period, then an extension of six months can be given by Chairperson SDPC on the recommendation of Supervisor and Convener DDPC. If the candidate fails to submit the same within the

extended period, then he/she has to deliver Open Seminar again with approval of the Chairperson SDPC.

Plagiarism and Undertaking

Plagiarism is a serious offence and the institute is committed to protecting IPR of everyone. To ensure this the IPR Cell of the Institute is entrusted with the task of checking similarity through software. The upper limit of similarity index is less than 15% for submission of Ph.D. Thesis. The IPR Cell issues a certificate as per Form: DP-14 which is a pre-condition for submission of Thesis. Duly signed DP-14 form shall be attached with the thesis as per GL-1.

13.2 Ph.D. Thesis Evaluation

1. After submission of the thesis and constitution of Thesis Evaluation Board, Dean (Academic) shall process the Evaluation of thesis. Dean (Academic) shall be responsible for seeking consent of the approved Examiners. In case the Examiner refuses or no response is received from the Examiner within four weeks (with a reminder being sent after two weeks), steps shall be taken to appoint another Examiner.
2. After receiving the consent of Examiners, the Dean (Academic) shall send the Thesis for evaluation to the Examiners.
3. Examiners shall place their report in any of the following categories in the prescribed format (Form: DP-17):

Category I: The Thesis is acceptable in the present form for the award of the Ph.D. Degree.

Category II: The Thesis is acceptable and the corrections, modifications and improvements suggested by me would be incorporated in the Thesis and presented at the time of oral examination.

Category III: The Thesis needs technical improvement/modifications, which must be carried out to my satisfaction before I recommend the Thesis for acceptance.

Category IV: The Thesis is rejected.

4. After receiving the reports of all the Examiners, copies of the categorized reports (without the identity of the Examiners) shall be sent to the Thesis Supervisor(s) and the Head of the Department, by the Chairperson SDPC. The Supervisor(s) shall ensure and certify that all the suggestions (if any) have been incorporated.
5. If the reports are either in Category I or Category II then Chairperson SDPC shall intimate the Supervisor about the name(s) of Indian Examiner(s) and also request to constitute the Oral Board as per Para 12.5. The Supervisor shall send the list of suggested Examiners for Ph.D Oral Board along with the response of student on the comments of

Examiner(s), if any, to Chairperson SDPC who shall recommend it to the Dean (Academic) for approval.

6. If one/or more than one Examiner(s) gives his/her report in Category III then clarification/ modifications suggested by the Examiner shall be done by the candidate in consultation with Supervisor(s). The Supervisor shall send the corrected Thesis along with the responses and explanatory notes to Chairperson SDPC who shall advise the Dean (Academic) to send the corrected Thesis along with the responses and explanatory notes to the same Examiner with a request to respond within six weeks. If no response from the Examiner is received within six weeks time or the Examiner gives his/her report again in Category III then the matter shall be referred to Chairperson Senate for further course of action.

7. If one of the Examiner places his/her report in Category IV the matter shall be referred to Chairperson Senate for the further course of action. If the reports received from more than one Examiner are in Category IV then the Thesis shall be rejected and the candidature of the student shall stand automatically terminated.

8. In case, Chairperson SDPC is the Supervisor, then the processing to be done by Chairperson SDPC shall be done by Dean Academic.

9. In case, Dean (Academic) is the Supervisor, then the processing to be done by Dean (Academic) shall be done by Chairperson SDPC.

10. In case, Chairperson Senate and Dean (Academic) both are the Thesis Supervisors, then the processing to be done by them shall be done by the Chairperson SDPC.

11. In case, Chairperson Senate and Chairperson SDPC both are the Thesis Supervisors, then the processing to be done by them shall be done by Dean Academic.

12. In case, Chairperson SDPC and Dean (Academic) both are the Thesis Supervisors, then the processing to be done by them shall be done by Chairperson SMPC.

13.3 Ph. D. Oral Examination

1. The candidate shall submit the requisite number of hard bound copies of the revised Thesis after incorporating all the modifications suggested by the Examiner(s) to the Supervisor, as per guidelines in GL-1.

2. The Supervisor shall be the Chairperson of the Oral Board and shall fix the date of the Oral Examination in consultation with the members of the Oral Board and intimate the date to the Dean (Academic) for official communication to all the Examiners.

3. If the external Examiner of the Oral Board communicates his/her inability to be present in advance the Supervisor shall propose a revised Oral Board.
4. If external examiner fails to be present on the specified date and time, the Dean (Academic) shall decide the further Course of action on recommendation of the Supervisor and Chairperson SDPC.
5. The Oral Board shall
 - (i) examine that necessary modifications, if any, suggested by the Thesis Examiners have been duly incorporated,
 - (ii) judge if the presentation of the work by the student and the answers to the questions asked have been satisfactorily replied,
 - (iii) submit a report of the Oral Examination in the prescribed format (Form: DP-18), which shall be communicated by the Supervisor(s)/Thesis Coordinator to the Chairperson SDPC through the Convener DDPC and Head of the Department.
6. The Chairperson SDPC shall recommend the report of the Oral Examination in the prescribed format (Form: DP-18) to the Chairperson Senate for approval. The approval accorded by the Chairperson Senate shall be reported to the Senate for the award of Ph.D Degree to the candidate in forthcoming Convocation.

14. DEGREE REQUIREMENTS & WITHDRAWAL

14.1 Award of the Degree

A student shall be deemed to have completed the requirements for award of Degree, if he/she has:

1. satisfied the minimum academic and residence requirements,
2. satisfied all the requirements specified by the Senate and the Ordinances (Sections 7 to 13).
3. paid all the dues of the Institute and has no pending case of indiscipline.

14.2 Withdrawal of the Degree

Under extremely exceptional circumstances, where gross violation of the graduation requirements is detected at a later stage, the Senate may recommend to the Board of Governors for the withdrawal of a Degree already awarded.

15. STIPENDS/FELLOWSHIPS, SCHOLARSHIPS, PRIZES AND MEDALS

The Senate shall determine the general policy regarding recommendations for the award of the different types of scholarships, stipends/fellowships, medals and prizes to the students

of the institute. The detailed norms and conditions for the award of various scholarships, prizes and medals established by the institute or through endowments/grants received shall be framed by the Senate from time to time and approved by the Board of Governor.

15.1. STIPEND/FELLOWSHIPS

1. Stipendiary Ph.D. students shall receive financial assistance in the form of fellowship/stipend at the approved rates and guidelines as notified by Government from time to time. These fellowship/stipends are liable to be withdrawn partially or wholly, in case of misconduct, deliberate concealment of material, facts and/or giving false information, or inadequate academic performance.

2. An academically deficient student (student with unsatisfactory performance) [Clause 8] shall not be entitled to receive fellowship/ stipend. The same shall be restored only after the student has cleared academic deficiency, as per clause 8 . If ACD is due to not fulfilment of clause 8, then fellowship shall be restored after successful presentation of thesis performance in upcoming semester(s) without further addition of X. Stipendiary students will be entitled to get fellowship/Stipend for up to a maximum period specified by the funding agency.

3. A stipendiary Ph.D. student leaving the Institute on his/her own accord without completing the programme of study may be required to refund the amount of fellowship/stipend, received during the academic session in which he/she leaves the programme. Dean Students Welfare shall initiate the process after receiving the information from Dean Academic and Head of the Department.

15.2 Prizes, Medals, and Scholarships

To promote and recognize academic excellence, constructive leadership and overall growth and development of students, number of Scholarships, Prizes and Medals may be established by the Institute on its own or through endowments/grants made by donors. Such prizes, medals, scholarships shall be considered by the Senate and approved by the Board of Governors.

16. CONDUCT AND DISCIPLINE

16.1 Code of Conduct

Each student shall conduct himself/herself in a manner befitting his/her association with the Institute. He/she is expected not to indulge in any activity, which is likely to bring down the prestige of the Institute. He/She shall show due respect and courtesy to the Faculty Members, Officers and Employees of the Institute and to fellow students. Due attention and courtesy shall be paid to visitors to the Institute and residents of the Campus. Lack of courtesy and decorum, unbecoming conduct (both within and outside the Institute), wilful

damage and/or removal of Institute property or belongings of fellow students, disturbing others in their studies, adoption of unfair means during examinations, breach of rules and regulations of the Institute, noisy and unseemly behavior and similar other undesirable activities shall constitute violation of the Code of Conduct for students.

Ragging in any form is strictly prohibited and considered a serious criminal offence and violation of the code of conduct. Involvement of a student in ragging and/or any of the above mentioned activities and/or any other act of indiscipline shall invite disciplinary action and may lead to his/ her expulsion from the Institute.

16.2 Disciplinary Actions and Related Matter

Violation of the Code of Conduct shall invite disciplinary action which may include punishment such as Reprimand, Disciplinary Probation, Fine, and Debarring from Examinations, Withdrawal of Scholarship, debarring from Placement Services, Withholding of Grades and/or Degrees, Cancellation of Registration and expulsion from the Hostel and/or Institute. An act of serious Violation of the Code of Conduct may be reported to Dean (Student Welfare) through Proctorial Board for necessary disciplinary action on approval of the Director.

For indiscipline of a student in a class, the course instructor may debar him/her for a few subsequent classes for which he/she shall not be eligible to get relaxation in attendance or favorable consideration in mercy appeal.

16.3 Unfair Means (UFM)

Unfair means shall comprise of following:

- (i) Possession of mobile phones, Smart phones, smart watches, any device capable of storing information and any relevant material.
- (ii) Copying from the papers / mobile electronic equipment, or materials in the possession of the student.
- (iii) Copying from the answer book of other students and/or consulting fellow examinees.
- (iv) Disturbing the smooth conduct of Examination.
- (v) Misbehavior with the invigilator
- (vi) Act unbecoming of an examinee of the Institute.

16.3.1 Constitution of Unfair Means Committee

The Unfair means committee shall consist of:

- (i) Dean (Academic)
- (ii) Dean (Student Welfare)
- (iii) Chief Proctor

- (iv) Head of the Concerned Department
- (v) Senate Member to be nominated by the Chairperson Senate

16.3.2 The procedure to deal with the cases of Unfair Means (UFM):

1. Any use of UFM detected by Course Instructor/Invigilators/Members of Observer Committee/Flying squad shall be reported to Dean (Academic) in Form: DP-19.
2. After the student is caught using UFM his/her answer book(s) along with question paper and material used in UFM will be kept in a separate envelope and the student shall be issued a fresh answer book and question paper on which he/she may continue for the remaining period of examination. However, the mobile phone or other electronic storage devices shall be returned to the student after a snap shot of relevant material and the duly filled Form DP- 19 along with the answer book(s) and question paper shall be kept in an envelope.
3. Dean (Academic) shall send the sealed envelope to Head of the Department, who shall issue a show cause notice to the student seeking his/her clarification on the charges within three days of the reporting. The clarification of the student may be obtained within three days and the same may be given to Course instructor for getting his/her comments.
4. The Course Instructor shall present the case to the Unfair Means Committee.
5. Unfair Means Committee shall meet after six days of the completion of Semester Examination. The committee shall give opportunity to the student concerned and recommend the award of punishment. The recommendation of the punishment may be made on the basis of following:
 - I. Mere possession of any electronic storage device as mentioned above shall amount to usage of Unfair Means, hence may result in award of F grade in that subject
 - II. If the course instructor reports similarity in the materials in the possession of the student and content of the course shall also result in award of F grade in that subject and/or may be debarred from appearing in the subsequent Grade Improvement examination of that particular session.
 - III. Copying from the answer book of neighbouring student shall be treated on case to case basis.
 - IV. If the student has misbehaved with invigilator the matter may be referred to the Proctorial Board.
6. If the decision is not taken by the date of Grade entry the Grades entered shall be 'W' and the result of such student shall not be declared along with other students.

7. The recommendations of the Unfair Means Committee shall be implemented after getting the approval of the Dean (Academic). A student who feels aggrieved with the punishment awarded may, however, appeal to the Chairperson Senate stating clearly the case and explaining his/her position, seeking reconsideration of the decision.

17. WAIVER OF REQUIREMENTS IN SPECIAL CASES

The procedures and requirements stated in these Ordinances, other than those in section 3.3 (Eligibility for Admissions) and section 8 (Academic Performance Requirement) may be waived off in special circumstances, by the Chairperson Senate on the recommendation of the DDPC and SDPC. All such exceptions shall be reported to the Senate.

18. AMENDMENTS

Notwithstanding anything contained in the Ordinance, the Senate of the Motilal Nehru National Institute of Technology Allahabad, reserves the right to modify/amend without notice, the Curricula, Procedures, Requirements, Examinations, Admissions and Rules pertaining to its Doctoral Programmes.

Motilal Nehru National Institute of Technology Allahabad
ACADEMIC REGISTRATION DETAILS

Name of the Student:..... Reg. No.

Department:.....

Date of First Registration:..... Semester.....

Name of Supervisor (s).....

Status: Full Time /Part Time

DETAILS OF COURSES/RESEARCH-SEMINAR/MINI-PROJECT/COMPREHENSIVE EXAM. /STATE-OF-
THE-ART SEMINAR/THESIS PERFORMANCE

| Sl. No. | Course Name with Code | Credit | Department | Course Coordinator(s) |
|---------|-----------------------|--------|------------|-----------------------|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |

(Signature of Student)

Advised by: Supervisor(s)

Forwarded by: Convener DDPC Head of Department

Approved by: Chairperson SDPC

Motilal Nehru National Institute of Technology Allahabad
Student Research Committee (SRC)

Name of the Candidate: Registration No. :

Department:.....

Date of First Registration:

Area of Research:.....

Name of the Supervisor(s):

| Sl. No. | Name of Members | Designation | Department |
|---------|-----------------|-------------|------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |

Proposed by:

Supervisor(s)

Forwarded by:

Convener-DDPC

Head of Department

Approved by:

Chairperson SDPC

Motilal Nehru National Institute of Technology Allahabad
Semester Progress Report of the Candidate

Name of the Student: Registration No. :

Department:.....Date of First Registration:.....

Name of the Supervisor(s):.....

Topic of the Presentation.....

No. of Courses completed:

Total Credits: (Till Previous Semester):

(a) Attempted

(b) Earned

Comprehensive Examination Passed: Yes/No/Not Applicable

Date of Comprehensive Examination:.....

Date of State-of-the-Art Seminar:

Date of Presentation: **Semester:**

Progress of the Candidate is satisfactory: **Yes/No**

Credit: **Grade (S/X):**

Supervisor(s)

Internal Member of SRC

External Member of SRC

Forwarded by:

Convener-DDPC

Head of Department

- The candidate has to submit the progress report of the semester in one-page approved by the Supervisor(s).
- If the candidate has given the open seminar then the presentation for assessing the progress is not required.

Motilal Nehru National Institute of Technology Allahabad

Adding/Dropping of Course

Name of the Student:..... Registration No.....

Department: Date of Registration:.....

COURSES TO BE ADDED

| Sl. No. | Course Name with Code | Credit | Department | Reason |
|---------|-----------------------|--------|------------|--------|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |

COURSES TO BE DROPPED

| Sl. No. | Course Name with Code | Credit | Department | Reason |
|---------|-----------------------|--------|------------|--------|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |

(Signature of Candidate)

Advised by: Supervisor(s)

Endorsed by: Course Coordinator

Forwarded by: Convener DDPC Head of Department

Approved by: Chairperson SDPC

Note: Please enclose the approved DP-01 form

Motilal Nehru National Institute of Technology Allahabad
Change of Registration Status

Name of the Student:..... Reg. No.

Department:.....Date of First Registration.

Name of the Supervisor(s):

Present Registration Status:.....

Registration Status to be converted to:.....

Justification/Reason:.....

(Signature of the Student)

Comment of the Supervisor(s):

(Signature of the Supervisor(s))

Date and Ref. No. of DDPC meeting*:

Recommended by:

Convener DDPC*

Head of Department

Approved by:

Chairman SDPC

* Minutes of DDPC should be enclosed.

Motilal Nehru National Institute of Technology Allahabad
Leave Application

Head of the Department

Kindly allow me to avail Leave/Leave on Duty from.....to.....for.....days
and station leave from date.....time.....to.....Date.....Time.....My
address during leave will be as below.

Address:

Yours Sincerely

Name:

Registration No.

Dated:

.....
For Official use

Recommended/Not Recommended:

Supervisor(s)

Convener DDPC

Approved by:

Head of the Department

Motilal Nehru National Institute of Technology Allahabad
Permission to Proceed to other Institution as Non Degree student

Name of the Student:..... Reg. No.

Department:..... Date of First Registration:.....

Supervisor(s):.....

Date of Comprehensive Examination:.....

State of the Art held on:.....

Proposed Department & Institution:

(where the student intends to do the work):

Justification:

.....

(If required attach a separate sheet):

(Signature of the Student)

Comment of the Supervisor(s):

(Signature of the Supervisor(s))

Date and Ref. No. of DDPC Meeting: (Minutes enclosed)

Recommended by:

Convener-DDPC

Head of Department

Approved by:

Chairperson SDPC

Motilal Nehru National Institute of Technology Allahabad
List of Suggested Examiners for Ph.D Comprehensive Examination

Name of the Student:.....Reg. No.

Department:.....Date of First Registration:.....

Name of the Supervisor(s):.....

| Sl. No. | Name of Examiners | Designation | Department |
|---------|-------------------|-------------|------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |

Proposed by: **Thesis Supervisor(s)**

Forwarded by:

Convener-DDPC

Head of Department

Date:

Date:

Approved by:

Chairperson SDPC

Date:

Note: Please enclose Grade sheet / mark sheet of the Course work

Motilal Nehru National Institute of Technology Allahabad
Report of Examiners of the Comprehensive Examination

Name of the Student:..... Reg. No.:

Department:..... Date of First Registration:.....

Date of Examination:.....Semester.....

Thesis Supervisor(s):.....

Comments:.....
.....
.....
.....
.....

Candidate has PASSED (SS)/FAILED (XX)

| Sl. No. | Name of Examiners | Department | Signature |
|---------|-------------------|------------|-----------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |

Convener-DDPC

Head of Department

Chairperson SDPC

Date:

Date:

Date:

.....

For Office use only

Convener, DDPC may kindly advise the Supervisor to ensure that **State of the Art Seminar** is held before..... i.e., within six months of the Comprehensive Examination.

Chairperson SDPC

Motilal Nehru National Institute of Technology Allahabad
Report of State-of-the-Art Seminar

Name of the Student:..... Roll No.:.....

Department:.....

Date of First Registration:.....Semester.....

Date of Passing the Comprehensive Examination:.....

Date of delivery of the Seminar:.....

Name of Thesis Supervisor(s):

Topic of the Seminar:

Report: Satisfactory / Unsatisfactory Comments:

Comments:

Supervisor(s)

Internal SRC Member

External SRC Member

Forwarded by:

Convener-DDPC

Head of Department

Approved by:

Chairperson SDPC

Note: Please enclose a copy of the Comprehensive examination (**Form DP-09**)

Motilal Nehru National Institute of Technology Allahabad
Report of Open Seminar

Name of Student:..... Reg No:.....

Department:..... Date of First Registration:.....

Thesis Title.....

.....

Date of Delivery of Seminar:

Name(s) of Thesis Supervisor(s):.....

Comments:

.....

.....

Candidate has Passed (SS) / Failed (XX).....

Certified that the candidate has earned the minimum credits as per clause 7.1 and has successfully delivered the Open Seminar required for submission of the Thesis.

Supervisor(s)

Internal SRC Member

External SRC Member

Forwarded by:

Convener-DDPC

Head of Department

.....
For Office use only

Total Credits: (a) Attempted (b) Earned through Course Work (c) Earned through Others

The Thesis must be submitted on or before....., i.e, nine month from the date of Open Seminar.

Verified by: DR/AR (Academic)

Approved by:

Chairperson SDPC

Enclosures: Copy of the Approved DP-09 and DP-10 Forms

Motilal Nehru National Institute of Technology Allahabad
Supervisor Selection
(To be filled by the candidate)

Name of the Student:..... Reg. No.:.....

Department:.....

Date of First Registration:..... Programme Category Code.....

Proposed Area/Field of Research:.....

.....

.....

Proposed Name of Supervisor(s) in order of preference

| Sl. No. | Name of the Faculty | Designation | Affiliation |
|---------|---------------------|-------------|-------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |

Date:

(Signature of the Candidate)

Note: Please enclose DP 12 (b) form (s)

Motilal Nehru National Institute of Technology Allahabad
Supervisor Selection
(To be filled by the Faculty)

Name of the Faculty:..... Designation:.....

Department:.....

Details of the Ph.D students being supervised at present

| Sl. No. | Name of the Student | Reg. No. | Date of Registration | Department in which registered | Institution |
|---------|---------------------|----------|----------------------|--------------------------------|-------------|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |

I am willing to supervise the Ph.D student Mr./Ms.....Registration No..... and the number of scholars currently registered under me is less than the maximum number as per the ordinances.

Date:

(Signature of the Faculty)

.....

For Office use only

Name of allotted Supervisor(s):

Ref. No. and date of DDPC Meeting:

Forwarded by:

Convener-DDPC

Head of Department

Approved by:

Chairperson SDPC

Motilal Nehru National Institute of Technology Allahabad
Change / Addition of Supervisor(s)

Name of the Student:..... Reg. No.:.....

Department:.....

Name of the Existing Supervisor(s):

Present Status of the work:.....

Suggested Supervisor(s):

Reason for change:.....

.....

(Signature of the Student)

Comment & No objection of Existing Supervisor(s):

(Signature of the Supervisor(s))

Consent and signature of the suggested Supervisor(s)

Ref. No. and Date of the DDPC meeting (Minutes enclosed):

Forwarded by:

Convener-DDPC

Head of Department

Recommended by:

Chairperson SDPC

Approved by:

Dean (Academic)

Enclosures: In case of a Supervisor from outside MNNITA, consent of the Supervisor and NOC from the employer.

Motilal Nehru National Institute of Technology Allahabad

CERTIFICATE

On basis of the "TURNITIN" software the thesis title "....." by
..... Reg. No. comprises% of text similar
to material against permissible limit of below 15%.

The thesis may be accepted for evaluation in its present form.

OR

The thesis may be sent back to the supervisor for review.

Chairperson
IPR Standing Committee

Copy to:

- Supervisor(s)
- Dean Academic
- Chairperson SDPC
- Convener DDPC
- Head of the Department

Chairperson
IPR Standing Committee

Motilal Nehru National Institute of Technology Allahabad
List of Suggested Examiners for Ph.D Thesis Evaluation Board

Name of the Student:.....Reg No.:

Department:..... Date of First Registration:.....

Date of Comprehensive Exam.:

Date of-State-of-Art Seminar.....

Date of Open Seminar:

Thesis Title (in capitals):

.....

Name of Examiners with Address/Fax/Phone/Email:

| Sl. No. | Name & Address | Phone/Mob. | Email |
|---------|----------------|------------|-------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |

Name(s) and communication details of Supervisor(s)

| Sl. No. | Name & Address | Phone/Fax | Email |
|---------|----------------|-----------|-------|
| 1. | | | |
| 2. | | | |

Proposed by: **Thesis Supervisor(s)**
Date:

Forwarded by: **Convener-DDPC**
Date:

Head of Department
Date:

Recommended by: **Chairperson SDPC**
Date:

Approved by: **Dean (Academic)**
Date:

Motilal Nehru National Institute of Technology Allahabad
List of Suggested Examiners for Ph.D. Oral Board

Name of the Student:..... Reg No.:

Department:.....

.Thesis Title (in capitals):.....

.....

| Sl. No. | Name of Examiners | Department |
|---------|-------------------|------------|
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |

Proposed by: **Thesis Supervisor(s)**
Date:

Forwarded by: **Convener-DDPC**
Date:

Head of Department
Date:

Recommended by: **Chairperson SDPC**
Date:

Approved by: **Dean (Academic)**
Date:

Enclosure: Copy of approved Form of DP-02

Motilal Nehru National Institute of Technology Allahabad
(Thesis Evaluation Report)

1. Name of Student: _____

2. Reg. No. _____

3. Department: _____

4. General Features of Thesis:

(i) Organisation and Get up:

(ii) Whether quality of work is comparable with other universities of repute?

| | |
|-----|----|
| Yes | No |
|-----|----|

(iii) Whether the Thesis has embodied any new ideas with original thoughts?

| | |
|-----|----|
| Yes | No |
|-----|----|

5. Comments (the Examiner may give details on additional sheet(s), if required)

(i) Corrections in punctuation, grammar,
Spelling or language.

| | | |
|------|-------|-----------------|
| None | Minor | Require Changes |
|------|-------|-----------------|

(ii) Technical content of the Thesis

Contd.2

: 2 :

(iii) Strong/Weak points of the Thesis

(iv) Write at least 5 questions from the area of research to be asked in the oral examination.

6. Specific Recommendations

(Please place a tick mark at any one of following category)

Category I: The Thesis is acceptable in the present form for the award of the Ph.D degree.

Category II: The Thesis is acceptable and the correction, modifications and improvement suggested by me would be incorporated in the Thesis and presented at the time of Oral Examination.

Category III: The Thesis needs technical improvement/modifications, which must be carried out to my satisfaction before I recommend the Thesis for acceptance.

Category IV: The Thesis is rejected. (Please provide reasons for the same)

(Signature of the Examiner)

Name : _____

Designation : _____

Address : _____

Place:

Date:

Motilal Nehru National Institute of Technology Allahabad

Report of Ph.D Thesis Oral Board

Name of the Student:.....Reg No:.....

Department:..... Date of First Registration:.....

Thesis Title (in capitals):.....

Date of Oral of Examination:

Name of the thesis Supervisor(s):.....

Report of the Oral Board

- Necessary modifications suggested by the thesis examiner(s) have been incorporated :
Yes/No/NA
- Presentation of the work by the student and the answers to the questions asked have
been replied: satisfactorily/unsatisfactorily.
- Comments, if any

.....
.....
Award of Ph D Degree Recommended: **Yes/No.**

Oral Examination Committee

| Sl. No. | Name of the Examiners | Department/Institute | Signature |
|---------|-----------------------|----------------------|-----------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |

Supervisor(s)

Convener DDPC

Head of the Department

Recommended by:

Chairperson SDPC

Approved by:

(Chairperson Senate)

Motilal Nehru National Institute of Technology Allahabad
FORM FOR REPORTING CASES REGARDING UNFAIR-MEANS

Note:

1. One form should be used for one case only.
2. Please send one question paper alongwith the case(s)

(A) To be filled in by the instructor/invigilators/members of observer committee:

Name of Examination :

Name of student :

Registration No. :

Programme/Branch :

Room No. :

Subject/ paper in which the student is suspected or reported to have used or attempted to use unfair-means or shown disorderly conduct.

| <u>Subject</u> | Subject Code |
|----------------|--------------|
| | |

Date & time of incident :

Type of Unfair Means Material. : Copying from the papers / materials which is in the possession of the student.

Copying from the answer book of neighboring student.

Misbehaved with invigilator.

Date.....

Signature and Full Name of the instructor/invigilators/members of observer committee

(IN BLOCK LETTERS)

(B) Student's Statement:

I have read the report of the instructor/invigilators/members of observer committee made against me as given in column No. **A** and submit the following statements.

I undertake that this statement has been given by me under no pressure or fear.

| | | |
|----|---|----------------------------------|
| 1. | Do you agree with the report of the instructor/invigilators/members of observer committee made against you? | Yes/ No <input type="checkbox"/> |
| 2. | If you agree with the report, then: (a) Why did you bring the material referred to in the above report? (b) Did you make any use of it? (c) What explanation have you to offer for your misconduct / Disorderly conduct as mentioned in the report? (d) Have any other thing to say, by way of self-defense or clarification? (If necessary, an extra sheet may be used). | |
| 3. | If you do not agree with the report then give your explanation, if any, in your defense against the report of the instructor/invigilators/members of observer committee. | |

(Signature of Student)

N.B.:

- (i) The student shall be given extra time, before leaving the Examination Hall in order to compensate him/her for the loss of time spent during enquiry and filling this form.

(C) Statement of Witness if any:

Statement of the witness, if any, in case the student denies the allegations of the instructor/invigilators/members of observer committee or refuses to give his/her statement on the spot or runs away from the examination hall without giving his statement.

UNDERTAKING

I declare that the work presented in this thesis titled “.....” submitted to the Department of....., Motilal Nehru National Institute of Technology Allahabad, (India) for the award of **Doctor of Philosophy** Degree is my original work. I neither have plagiarized any part of the thesis nor submitted the same work for the award of any other Degree anywhere. In case this undertaking is found incorrect, the Degree may be withdrawn unconditionally.

I handover the copyright of the thesis to MNNIT Allahabad, Prayagraj.

Date:

(Signature of Student)

Place:

Name:.....

Reg. No.:

Motilal Nehru National Institute of Technology Allahabad

Report of Ph.D. Thesis Oral Board

This is to certify that all suggested comments of the examiner(s) have been duly incorporated in the thesis title

..... submitted and defended by Mr./Ms.

Reg. No.

Name and Signature of the Student

Name and Signature of the Supervisor(s)

Date

Date

We are satisfied with the final thesis.

Name and signature of the Oral Board Members

1.

2.....

3.....

4.....

Date:

Note: To be attached with the final thesis after cover page.

Motilal Nehru National Institute of Technology Allahabad

Marks & Grade for Mini-Project [Course Code.....]

Name of Student: Reg. No.:

Department: Date of First Registration:

Title:
.....

Date of Examination:.....

Thesis Supervisor(s):
.....

Report of the SRC Board:
.....
.....

Marks and Grade awarded by the Board:

Marks: Grade:

Examination Board:

| Sl. No. | Name of Examiners | Department | Signature |
|---------|-------------------|------------|-----------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |

Course Coordinator(s)

Note:

- The candidate has to submit the report of the Mini-Project approved by the Supervisor(s) to the SRC Board.
- The Marks & Grade sheet has to be submitted by the Course Coordinator to Convener, DDPC.

पत्र संख्या 1472 / Reg off. / 2015 दिनांक 10-11-2015 के अनुसार दो साल के बाद स्कॉलर / फेलो के प्रदर्शन की समीक्षा करने के लिए निदेशक के द्वारा समीक्षा समिति में नामित के लिए अनुरोध।

Request for Director's Nominee in Review Committee to Review the Performance of the Scholar/Fellow after Two Years as per Letter No. 1472 / Reg. Off. / 2015 dated 10-11-2015.

No.

Dated:

Dean (Academic)**Through: Head****Subject:** Request for nominating member of Review Committee

Name of the Candidate: Registration No.:

Department: Date of First Registration:

The constitution of the review committee will be as under:

(a) Thesis Supervisor(s) : Convener

(b) Concerned HOD : Member

(c) Professor/Associate Professor from the Deptt. : Member

[to be nominated by the Dean (Academic)]

(d) Professor from other Deptt. : Member

[to be nominated by the Dean (Academic)]

(e) Chairman, SDPC : Member

Signature of supervisor(s) with date

Signature of HOD with date

Review Committee Members Nominated

Signature of Dean (Academic) with date

Motilal Nehru National Institute of Technology Allahabad

Report of Ph.D. Progress Review Committee

Name of Student: Reg. No.:

Department: Date of First Registration:

Date of Comprehensive Examination:

Date of State-of-the-Art:

Date of Progress Evaluation:

Period of Report:

Thesis Supervisor(s):

Report of the Board (Please cross out which is not applicable):

- The committee recommends for the continuation of Ph.D. programme with enhanced fellowship with effect from
- The committee recommends for the continuation of Ph.D. programme without enhanced fellowship with effect from

Examination Board:

| Sl. No. | Name of Examiners | Committee | Signature |
|---------|-------------------|------------------------|-----------|
| 1. | | Chairman, SDPC | |
| 2. | | Head of the Department | |
| 3. | | External Member | |
| 4. | | Internal Member | |
| 5. | | Thesis Supervisor(s) | |

Approval of DEAN (Academic) with date

Note: The supervisor must submit this approved report to the Dean (SW).

Motilal Nehru National Institute of Technology Allahabad
(Guidelines for Thesis submission)

- A.** Four copies of the Thesis (Spiral bound) and one CD should be submitted for Thesis Evaluation.
- The Thesis should be in the specified format as given below:
 - The Thesis should be typed in double spacing using Times New Roman font with 12 font size.
 - Chapter heading: Bold/Caps 14 font size.
 - Main Heading (Section) : 12 font Bold
 - Subsection Heading 12 font, bold, italic
 - Thesis should be printed back to back (both sides) but new chapter should start from a new page on the right hand.
 - The thesis will be organized in three sections:
 - (I) Inner cover page, undertaking of the student, Certificate of the Supervisor(s), Certificate of the IPR Cell, Acknowledgement, Abstract (not more than 8 pages), Table of contents, List of figures / tables, Glossary.
 - (II) Thesis Chapters,
 - (III) References, Appendix / Annexure brief CV of the research scholar, mentioning publications from the thesis and other academic achievements during PhD work.
- B.** At the time of Oral Examination the scholar shall submit five hard-bound copies: Cover in maroon colour for 1. Institute Library, 2. Departmental Library, 3. Supervisor (s)] incorporating all the corrections suggested by the Thesis Examiners.
- CD containing the final corrected copy of the Thesis in PDF (SodhGanga format) is to be submitted to the Dean (Academic) Office.
 - The final thesis will include a certificate as Form DP-21.
 - Following shall be printed on the back side of the title page
“Copyright Motilal Nehru National Institute of Technology Allahabad, Prayagraj”.

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