मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद

प्रयागराज-211004 [भारत]

Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 [India]
Website: http://www.mnnit.ac.in

Minutes of the Seventy-third [73rd] meeting of the Board of Governors held on August 10, 2023 at 04:00 P.M. through online mode [on Google Meet] as well as at Conference Room, Executive Development Centre, MNNIT Allahabad.

Following members of the Board of Governors attended the meeting.

1.	**Prof. Rama Shanker Verma** Director, Motilal Nehru National Institute of Technology Allahabad, Prayagraj-211004	Chairperson
2.	**Shri Anil Kumar** **Director (Finance)** Department of Higher Education Ministry of Education, Government of India Shastri Bhawan, New Delhi - 110 115 **[Nominee of AS & FA, Ministry of Education, GoI]** **[attended online]**	Member
3.	**Mr. Pawan Kumar** Under Secretary (NIT-II), Department of Higher Education Ministry of Education (Shiksha Mantralaya) Government of India, Shastri Bhawan, New Delhi -110 115 **[Nominee of Joint Secretary (NITs), Ministry of Education, GoI]** **[Attended Online]**	Member
4.	**Prof. Neeraj Misra** Professor, Department of Mathematics & Statistics Indian Institute of Technology, Kanpur, Kanpur 208 016 **[Nominee of Director, IIT Kanpur]**	Member

5.	Prof. Ajai Kumar Singh	Member
	Professor, Department of Civil Engineering,	
	Motilal Nehru National Institute of Technology Allahabad,	
	Prayagraj – 211004	

6.	Dr. Ambak Kumar Rai	Member
	Associate Professor, Department of Biotechnology	
	Motilal Nehru National Institute of Technology Allahabad, ,	
	Prayagraj – 211004	

7.	Dr. Ramesh Pandey	Secretary
	Registrar,	
	Motilal Nehru National Institute of Technology Allahabad,	
	Prayagraj – 211004	

The Chairperson extended a warm welcome to the members and thanked them for taking their time out to attend the meeting.

The Chairperson also extended a warm welcome to the new member of Board of Governors, Dr. Ambak Kumar Rai, Associate Professor, Department of Biotechnology, MNNIT Allahabad who was attending the meeting for the first time.

The Board of Governors further acknowledged and appreciated the contributions made by Shri Rajesh Tripathi as Member of the Board of Governors, MNNIT Allahabad.

The Board of Governors deliberated on the agenda items, and agenda item-wise proceedings are as under:

Item No. 73.01 : To confirm the minutes of the Seventy-second [72nd] meeting of the Board of Governors held on 31.03.2023.

Resolution : The Board of Governors considered the Institute proposal for confirmation of minutes of its Seventy-second [72nd] meeting held on 31.03.2023 and noted that no comments have been received, from any of the members.

The Board of Governors, considering the above, resolved to confirm the minutes of its Seventy-second [72nd] meeting held on 31.03.2023.

Major points of previous two meetings in Nutshell for ready reference:

- *The recruitment of Assistant Professor [Academic and 10, 11 & 12] was completed and offer letters were given to 74 candidates [including 03 from the waitlist] out of which 65 candidates 33 external and 32 internal have joined the Institute.*

- *The Board of Governors considered the request of newly appointed Assistant Professors at pay level 11 regarding the issue of salary drawn less than earlier at pay level 10. The matter has been referred to the Ministry of Education for framing the uniform policy for all NITs and IIEST Shibpur governed by the Ministry of Education in the similar matters, but the reply from the Ministry of Education is still awaited.*

- *The Board of Governors approved the nomination of Shri P. P. Srivastava, Sr. Chief Engineer (Civil), BSNL UP (W) as member of the Building & Works Committee (BWC) as a nominee of the Board of Governors.*

- *The Board of Governors authorized the Chairman Board to decide the subject experts in the Selection Committees as Board Nominee by its own.*

- *The Board of Governors considered the requirement for recruitment of Nursing Staff in the Institute Health Centre, agreed In-Principle with the Institute proposal and resolved to refer the matter to the Ministry of Education for placing it before the NIT Council.*

Confidential

Confidential

/

Item No. 73.03 : Directors' Report.

Resolution : The Director presented the report, and apprised the Board of Governors about the activities & developments in the Institute, since the last meeting of the Board of Governors.

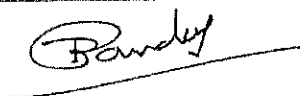The Board of Governors expressed pleasure over the progress made by the Institute during the period.

The Board resolved that the presentation of the Director may be taken on record.

Item No. 73.04 : **To note nomination of the member to the Board of Governors of the Institute as nominee of the Senate, as per Section 11 of the NIT Act-2007.**

Resolution : The Board of Governors noted that the term of appointment of Shri Rajesh Tripathi, Associate Professor, Department of Computer Science and Engineering as a member of the Board of Governors, in the capacity of nominee of the Senate has ended on 14.06.2023.

The Board acknowledged the contributions made by Shri Rajesh Tripathi during his term as a member of the Board of Governors of the Institute.

The Board of Governors also noted that the Senate in its Seventy-seventh [77th] meeting held on 02.07.2023 vide resolution No. 77.24 has nominated Dr. Ambak

Kumar Rai, Assistant Professor, Department of Biotechnology as a nominee of the Senate to the Board of Governors for a period of two years effective from 15.06.2023.

The Board noted nomination of Dr. Ambak Kumar Rai and taken on record.

Item No. 73.05 : **To note and ratify the approval of the Finance Committee / Board of Governors on the Annual Accounts and Balance Sheet for the Financial Year 2022-23, accorded through circulation.**

Resolution : The Board of Governors was apprised of the following:

1. Section 22(2) of the NIT Act-2007, provides that - "The accounts of every Institute shall be audited by the Comptroller and Auditor-General of India and any expenditure incurred by him in connection with such audit shall be payable by the Institute to the Comptroller and Auditor – General of India."

    Accordingly, audit of the accounts of the Institute is prepared by the Accountant General UP, Prayagraj, every year.

2. The Annual Accounts and Balance Sheet for the Financial Year 2022-23 was required to be submitted to the Accountant General, UP, (Office of the Comptroller & Auditor General of India), to start the SAR Audit.

3. The Institute has hired the services of a Chartered Accountant, M/s R. C Agrawal & Co. to prepare Balance Sheet, Receipt & Payment Account and Income & Expenditure Account for the FY 2022-23. The Annual Accounts and Balance Sheet of the Institute for the FY 2022-23 was prepared as per the format prescribed by the Ministry of Education, GOI.

4. Considering the importance and urgency in the matter, the Institute circulated the Annual Accounts and Balance Sheet of the Institute for the Financial Year 2022-23 to the members of the Finance Committee and Board of Governors for approval through circulation.

    The members of Finance Committee and Board of Governors were also requested to give their comments/ acceptance by 17.07.2023.

5. Observations have been received from Prof. Neeraj Mishra, IIT Kanpur and Ms. Janaki Viswanathan, Under Secretary (IFD), MoE, GoI. The Institute vide letter

No. 189/Accounts/2023 dated 24.07.2023 has sent the compliance report on the observations of the Integrated Finance Division, Ministry of Education.

Accordingly, the Annual Accounts and Balance Sheet of the Institute was sent to the A.G.U.P. for commencement of Audit.

The Institute response on the observations of the Integrated Finance Division, Ministry of Education were discussed and noted by the Board of Governors during the meeting.

Further, the Board of Governors, advised the following to the Institute:

(i) Interest earned on the outside TSA grant shown in Schedule 3 for the last financial year needs to be refunded to Ministry of Education.

(ii) Unutilized IRG of the Institute shown in Schedule 3 as liability is actually the fund earmarked for transfer from Fee account to the Corpus account and hence it is not a liability and the entry to be done in the form of Assets/transfer of fund from Fee account to Corpus account.

(iii) The Institute is advised to review the feasibility of running the MBA program as the revenue generation is not appreciable hence feasibility of the programme needs to be justified.

(iv) Hostel Fee (schedule 13): Various fees charged under the Head hostel room rent (at schedule 13 on page 58) consist of room rent, electricity charges, Hostel related maintenance charges etc.

(v) Corpus fund related accounts shown in schedule 1 should be consolidated/earmarked under one single account only from the next financial year onwards.

The Board of Governors confirmed and ratified the approval accorded through circulation by the Finance Committee / Board of Governors on the Annual Accounts and Balance Sheet for the Financial Year 2022-23 with above remarks.

Item No. 73.06 : [A] To note the decision of the Chairperson, Board of Governors on the request of following faculty members for attending International Conference:

[I] Request of Dr. Neeraj Kumar Choudhary, Assistant Professor,

Grade-I Department of Electrical Engineering for attending International Conference on IEEE IAS GlobConET 2023 from 19.05.2023 to 21.05.2023 via online mode.

[II] Request of Prof. P. P. Sahay, Professor, Department of Physics for attending 11th International Conference on Materials for Advanced Technologies (ICMAT 2023) from 26.06.2023 to 30.06.2023.

[III] Request of Dr. Anubhav Rawat, Assistant Professor, Grade-I, Department of Applied Mechanics for attending 18th International Conference on Tribology from 17.05.2023 to 19.05.2023 via online mode.

[IV] Request of Prof. Vijay Shanker Tripathi, Professor, Department of Electronics & Communication Engineering for attending International Conference on Engineering and Natural Science (ICENASCI-23) from 04.05.2023 to 05.05.2023.

[V] Request of Dr. B. Vasu, Assistant Professor, Grade-I, Department of Mathematics for attending International Conference on Recent Advances in Applied Mathematics (RAAM-2023) from 20.06.2023 to 22.06.2023.

[VI] Request of Dr. Joyabrata Mal, Assistant Professor, Grade-I, Department of Biotechnology for attending International Conference on Biogeochemistry from 09.07.2023 to 14.07.2023.

[VII] Request of Prof. Nand Kumar Singh, Associate Professor, Department of Biotechnology for attending International Conference on Plant and Animal Genome (PAG) from 20.09.2023 to 22.09.2023.

[VIII] Request of Prof. K. N. Pandey, Professor, Department of Mechanical Engineering for attending 7th International Conference on Structural Integrity and Durability from 19.09.2023 to 22.09.2023.

[IX] Request of Dr. Vishnu Agarwal, Associate Professor, Department of Biotechnology for attending International Conference on Recent

Advances in Science & Engineering (RAiSE-2023) to be held in from 04.10.2023 to 05.10.2023.

[B] To confirm and ratify the decision of the Chairperson, Board of Governors on the following:

[I] To extend the term of Dr. Y. G. Bala, Assistant Professor Grade-II (On Contract), Department of Mechanical Engineering for further period of One (01) years w.e.f. 25.04.2023.

[II] Request made by Dr. Wangkheirakpam Vandana Devi, Assistant Professor, Grade-II [On Contract], Department of Electronics and Communication Engineering for accepting her resignation from the services of the Institute.

[III] To confirm and ratify the decision of the Chairperson, Board of the Governors on the matter of remuneration of Trainers/ Coaches revised from revised from ₹10,000/- to ₹15,000/-.

[IV] To confirm and ratify the decision of the Chairperson, Board of the Governors on the Screening Criteria for Associate Professor and Professor for faculty recruitment.

Resolution : [A] [I] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 29.03.2023 on the request of Dr. Neeraj Kumar Choudhary, Assistant Professor, Grade-I Department of Electrical Engineering for attending International Conference on IEEE IAS GlobConET 2023 to be held in Loughborough University, London, UK from 19.05.2023 to 21.05.2023 via online mode, for oral presentation of his paper titled *"A Logarithmic Function based Relay Characteristics for optional Coordination in Distributed Generation Systems".*

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[II] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 25.11.2022 on the request made by Prof. P. P. Sahay, Professor, Department of Physics for attending 11th International Conference on Materials for Advanced Technologies (ICMAT 2023) to be held in Singapore from 26.06.2023 to 30.06.2023, for oral presentation of his paper titled *"Growth of Highly C-axis oriented ZnO Thin Films: An Investigation Conference on Materials for Advanced Technologies (ICMAT 2023)"*.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[III] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 25.11.2022 on the request made by Dr. Anubhav Rawat, Assistant Professor, Grade-I, Department of Applied Mechanics for attending 18th International Conference on Tribology to be held in Kragujevac, Serbia from 17.05.2023 to 19.05.2023 via online mode, for oral presentation of his paper titled *"Triboinformatics Modeling of Wear in Total Knee Replacement Implants using Machine Learning Algorithms"*.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[IV] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 25.11.2022 on the request made by Prof. Vijay Shanker Tripathi, Professor, Department of Electronics & Communication Engineering for attending International Conference on Engineering and Natural Science (ICENASCI-23) to be held in London, U.K. from 04.05.2023 to 05.05.2023, for oral presentation of his paper titled *"DGS based circularly polarized compact implantable patch antenna for biotelemetry applications"*.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[V] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 25.11.2022 on the request made by Dr. B. Vasu, Assistant Professor, Grade-I, Department of Mathematics for attending International Conference on Recent Advances in Applied Mathematics (RAAM-2023) to be held in BITS, Dubai from 20.06.2023 to 22.06.2023, for oral presentation of his paper titled *"Numerical Simulations of Hybrid Nano-Hemodynamics through an Inclined Tapered Artery with Stenosis and Aneurysm"*.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[VI] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 25.11.2022 on the request made by Dr. Joyabrata Mal, Assistant Professor, Grade-I, Department of Biotechnology for attending International Conference on Biogeochemistry to be held in Lyon, France from 09.07.2023 to 14.07.2023, for oral presentation of his paper titled *"Impact of heavy-metals on selenium bioreduction and speciation"*.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[VII] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 25.11.2022 on the request made by Prof. Nand Kumar Singh, Associate Professor, Department of Biotechnology for attending International Conference on Plant and Animal Genome (PAG) to be held in Perth, Western Australia from 20.09.2023 to 22.09.2023, for oral presentation of his paper titled *"Exploring Novel Early Rice Flowering Mutants: Integrating Nanoparticles and Genetic Variations for Enganced Biofortofication and Abiotic Stress Resilience in Oryza savita L."*.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[VIII] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 25.11.2022 on the request made by Prof. K. N. Pandey, Professor, Department of Mechanical Engineering for attending 7th International Conference on Structural Integrity and Durability to be held in Dubrovnik Croatia from 19.09.2023 to 22.09.2023, for oral presentation of his paper titled *"Application of EMI Technique in crack propagation under the block loading conditions"*.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[IX] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 25.11.2022 on the request made by Dr. Vishnu Agarwal, Associate Professor, Department of Biotechnology for attending International Conference on Recent Advances in Science & Engineering (RAiSE-2023) to be held in MAHE Dubai Campus, UAE from 04.10.2023 to 05.10.2023, for oral presentation of his paper titled *"Identification of molecules against LasR of Pseudomonas aeruginosa using in silico approach"*.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[B] [I] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on 25.11.2022 on the request made by Dr. Y. G. Bala, Assistant Professor Grade-II, Department of Mechanical Engineering for extension of her term of service period as applicable in the Institute after completion of five years [(3+2) contract period completing on 24.04.2023] of service.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors on the above.

[II] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors dated 20.06.2023 on the request made by the faculty member Dr. Wangkheirakpam Vandana Devi, Assistant

Professor Grade-II (On Contract), Department of Electronics and Communication Engineering for accepting her resignation from the services of the Institute.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors, on the above.

[III] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on the matter of remuneration of Trainers/Coaches revised from ₹10,000/- to ₹15,000/- and advised the Institute that it should not be brought again in the Board of Governors as it is a trivial matter and may be decided at the Institute level by the Director.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors, on the above.

[IV] The Board of Governors noted the approval accorded by the Chairperson, Board of Governors on the Screening Criteria for Associate Professor and Professor for faculty recruitment.

The Board noted that Screening Criteria is a statutory provision and needs to be considered in regular meetings of the Board of Governors prior to recruitment instead of by ratification after the recruitment.

The Board of Governors resolved to confirm and ratify the approval accorded by the Chairperson, Board of Governors, on the above. The Screening Criteria for Associate Professor and Professor as confirmed and ratified by the Board of Governors is at ANNEXURE-I.

Item No. 73.07 : To note the status of faculty positions lying vacant [especially in SC, ST, OBC and EWS category] in compliance of the Ministry of Education Letter F. No. 33-2/2021-TS.III (Pt.1), dated 25.08.2021 on the subject "Special Drive to fill backlog vacancies on Mission Mode".

Resolution : The Board of Governors was apprised with the current status of ongoing faculty recruitment process. The Board was informed that as per the Ministry of Education

Letter No. F. No. 9-1/2021-TS.III dated 31.08.2021 the Ministry has directed that the backlog vacancies in respect of SC/ST, OBC and EWS may be filled up immediately and other vacancies may be filled up once consolidated guidelines, as per the CEI Act, 2019, are issued by the Ministry.

The Board noted that the Institute has advertised the vacancies at the level of Assistant Professor [Academic Level 10 /11/12] Associate Professor and Professor [Academic Level :13A2 & 14A] for different departments of the Institute vide rolling advertisement No. 05/2022 dated 16.12.2022. The process of the same has been completed and was also reported in this Board as separate agenda item.

Further, Institute has also advertised the subsequent vacant faculty positions of various departments of the Institute through second round of rolling advertisement No. 05/2023, dated 06.07.2023 to further suppress the vacancies. This rolling advertisement will be an ongoing recruitment process for all positions.
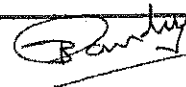
The Board took a note of the category wise details of the faculty positions Sanctioned, In-position, Vacant and advertised as at **ANNEXURE-II**.

The Board also noted that the Ministry of Education vide email dated 03.10.2022 regarding Mission Recruitment – Filling up the vacancies in Mission Mode has provided the schedule for filling the vacancies and the Institute will follow the same schedule for filling up the vacancies.

The Board advised the Institute to make all possible efforts to fill the vacant faculty positions and minimize the vacancies, on priority.

Confidential

Confidential
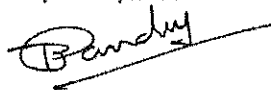
Confidential

Confidential

Confidential

Confidential

Item No. 73.09 : To consider the following letters received from the Ministry of Education for adoption/ implementation in the Institute:
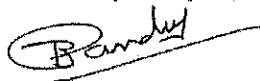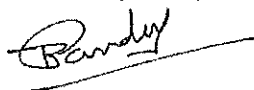
[A] Letter F. No. 33-2/2023-Ts-III dated 02.05.2023 thereby enclosing, OM No. F.No. 15-2/2020-TC dated 24.04.2023 & OM No. 57/04/2019-P&PW(B) dated 17.02.2020 from the Ministry of Education, on the subject *"Extension of DoP&PW's OM No. 57/04/2019-P&PW(B) dated 17.02.2020 to CFTIs under the Department of Higher Education- regarding"* from the Ministry of Education for adoption/ implementation in the Institute.

[B] Email dated 26.05.2023 thereby enclosing Letter F. No. 35-7/2022-TS.III dated 26.05.2023 from the Ministry of Education, on the subject, *"Amendment in the Statutes of 30 NITs, IIEST-Shibpur and NIT-Andhra Pradesh- regarding."*

[C] Letter No.7-U200s-rcc (Pt) dated 14.07.2023 from the Ministry of Education, on the subject, *"Guidelines/SoPs for signing of MOUs / Agreements with Foreign Countries"* thereby enclosing Ministry of External Affairs Letter No. 312/AS(MD)/17 dated 02.04.2018 on the subject *"Revision of Standard Operating Procedures (SOPs) with respect to MoUs/ Agreements with foreign countries"*.

Resolution : [A] The Board of Governors considered the Ministry of Education Letter F. No. 33-2/2023-Ts-III dated 02.05.2023 thereby enclosing, OM No. F.No. 15-2/2020-TC dated 24.04.2023 & OM No. 57/04/2019-P&PW(B) dated 17.02.2020 from the Ministry of Education, on the subject *"Extension of DoP&PW's OM No. 57/04/2019-P&PW(B) dated 17.02.2020 to CFTIs under the Department of Higher Education- regarding"*.

The Board of Governors noted the above referred Ministry of Education communication.

[B] The Board of Governors considered the Ministry of Education Letter F. No. 35-7/2022-TS.III dated 26.05.2023 from the Ministry of Education, on the subject, "*Amendment in the Statutes of 30 NITs, IIEST-Shibpur and NIT-Andhra Pradesh- regarding.*"

The Board noted that as per the directions received from the Ministry of Education, a copy of the Hindi and English versions of the amendments in the Statutes of NITs for MNNIT Allahabad, has been notified by the Department of Publication in the Gazette of India Extraordinary on 21.06.2023. A copy the notification as published in the Gazette of India Extraordinary in Hindi and English both versions is at **ANNEXURE-II.**

The Board of Governors noted the above referred Ministry of Education communication and resolved to adopt the notification of the amendments in the Statutes of NITs for MNNIT Allahabad as published in the Gazette of India Extraordinary Hindi and English both versions for implementation in the Institute.

[C] The Board of Governors considered the Ministry of Education Letter No.7-U200s-rcc (Pt) dated 14.07.2023 from the Ministry of Education, on the subject, "*Guidelines/SoPs for signing of MOUs / Agreements with Foreign Countries*" thereby enclosing Ministry of External Affairs Letter No. 312/AS(MD)/17 dated 02.04.2018 on the subject "*Revision of Standard Operating Procedures (SOPs) with respect to MoUs/ Agreements with foreign countries*".

The Board of Governors noted the above referred Ministry of Education communication and resolved to adopt the same for implementation in the Institute.

Item No. 73.10 : [A] To note the annual allocation of funds to the Institute communicated by the Ministry of Education vide letter F. No. 36-1/2023-TS.III, dated 04.05.2023 on the subject "*Tentative Annual Allocation for the Financial Year 2023 - 2024 in respect of Motilal National Institute of Technology (MNNIT), Allahabad – regarding*".

[B] To note the Memorandum of Understanding [MoU] submitted by the Institute for execution between the Institute and the Ministry of Education

for the Financial Year 2023-24.

Resolution : [A] The Board of Governors considered the annual allocation of funds to the Institute communicated by the Ministry of Education vide letter F. No. 36-1/2023-TS.III, dated 04.05.2023 on the subject *"Tentative Annual Allocation for the Financial Year 2023 - 2024 in respect of Motilal National Institute of Technology (MNNIT), Allahabad – regarding"*.

The Board of Governors noted that the annual allocation for the Financial Year 2023-24 in respect of the Institute is as under:

Object Head (OH)	OH-31	OH-35	OH-36	Total
Annual Allocation	₹85.84 Cr.	₹22 Cr.	₹82.83 Cr.	₹190.67 Cr.

The Board of Governors resolved to note the same and taken on record.

[B] The Board of Governors considered the Memorandum of Understanding [MoU] submitted by the Institute for execution of the same between the Institute and the Ministry of Education for the Financial Year 2023-24.

The Board of Governors resolved to note the same and taken on record.

Item No. 73.11 : [A] To consider and review the performance of the Institute in terms of the provisions of the Memorandum of Understanding (MoU) executed between the Institute and the Ministry of Education, for :

(a) the Fourth [4th] Quarter of the year 2022-23, i.e., from January, 2023 to March, 2023.

(b) the Financial Year 2022-23

(c) the First [1st] Quarter of the year 2023-24, i.e., from April, 2023 to June, 2023.

[B] To consider the details and status of the Audit Paras, Public Grievances and Parliamentary Assurances related to MNNIT Allahabad for the Fourth [4th] quarter of the year 2022-23.

Resolution : [A] The Board of Governors considered the performance of the Institute in terms of the provisions of the Memorandum of Understanding (MoU) executed between the Institute and the Ministry of Education for the Fourth [4th] Quarter of the year 2022-23, i.e., from January, 2023 to March, 2023, Annual performance for the

Financial Year 2022-23 and for First [1st] Quarter of the year 2023-24, i.e., from April, 2023 to June, 2023.

The Board of Governors reviewed the performance of the Institute on the various parameters as per Annexure - I of the MoU for the above-mentioned period. The Board noted the score and overall rating of the Institute as under:

Period	Consolidated Score	Rating
Fourth Quarter of 2022-23 [i.e, January, 2023 - March, 2023]	79.8039	Very Good
Annual performance for Financial Year 2022-23	80.6501	Very Good
First Quarter of 2023-24 [i.e, April, 2023 to June, 2023]	92.4985	Excellent

The Board expressed its satisfaction on the performance of the Institute for the said periods.

The Board resolved that the Performance Report of the Institute for the Fourth [4th] Quarter of the year 2022-23, i.e., from January, 2023 to March, 2023, Annual performance for the Financial Year 2022-23 and for First [1st] Quarter of the year 2023-24, i.e., from April, 2023 to June, 2023, along with the recommendations and the comments of the Board shall be sent to Ministry of Education as per clause (H) of the MoU.

[B] The Board of Governors considered the details/status of the Audit Paras, Public Grievances and Parliamentary Assurances related to MNNIT Allahabad for the Fourth [4th] Quarter of the year 2022-23, [i.e, January, 2023 - March, 2023] as under:

Sl. No.	Particulars	Received	Disposed	Pending
a.	Audit Paras [Outstanding]	Nil	Nil	Nil
b.	Public Grievances	05	05	Nil
c.	Parliamentary Assurances	Nil	Nil	Nil

The Board appreciated the efforts of the Institute for timely disposal and keeping no pendency in above stated matters

The Board resolved to note, and take on record the above details.

Item No. 73.12 : To consider the request of following Departments/Sections of the Institute for organizing the International Conferences in the Institute :

[A] Central Library for grant of permission to organize an International Conference *"Technologies and Innovations for Sustainable Development (TISD-2023)"* during 27-29 October, 2023.

[B] Department of Mechanical Engineering for grant of permission to organize *"1st International Conference on Advancement in Energy (Urja Sangam-2023)"* during December 18-20, 2023.

Resolution : [A] The Board of Governors considered the request made by the Central Library for grant of permission for organizing an International Conference *"Technologies and Innovations for Sustainable Development (TISD-2023)"* during 27-29 October, 2023.

The Board was apprised that as per requirement of the Ministry of Education approval of Board is mandatory for organizing the International conferences.

The Board of Governors noted that the Head/Department is required to ensure that proposed International Conference is self-financed and involves no financial implications on the part of the Institute.

The Board of Governors, considering the above, resolved to accept and approve the request of Central Library for grant of permission for organizing an International Conference *"Technologies and Innovations for Sustainable Development (TISD-2023)"* during 27-29 October, 2023.
The proposal will now be submitted to the Ministry of Education for approval.

[B] The Board of Governors considered the request made by the Department of Mechanical Engineering for grant of permission to organize *"1st International Conference on Advancement in Energy (Urja Sangam-2023)"* during December 18-20, 2023.

The Board was apprised that as per requirement of the Ministry of Education for approval of Board is mandatory for the organizing International conferences.

The Board of Governors noted that the Head/Department is required to ensure that proposed International Conference is self-financed and involves no financial

implications on the part of the Institute.

The Board of Governors, considering the above, resolved to accept and approve the request of Department of Mechanical Engineering for grant of permission to organize "*1st International Conference on Advancement in Energy (Urja Sangam-2023)*" during December 18-20, 2023.

The proposal will now be submitted to the Ministry of Education for approval.

Item No. 73.13 : To consider the recommendation of the Seventy-seventh [77th] meeting of the Senate held on 02.07.2023 on the following agenda items:

[A] To consider the Modifications in existing Ordinances For Bachelors' Programme, Masters' Programme and Doctoral Programme, in light of recommendations of the committee under the Chairmanship of Prof. H. S. Goyal for compilation of all the duly confirmed and approved resolutions of Senate and Sub-Committee of Senate (Standing Committee) relating to decisions affecting SUGC, SMPC and SDPC at one place and to bring clarity, remove contradictions and incongruencies in the provisions of existing Ordinances.

[B] To consider the Modification in Grade sheets / Degree Certificate for M.Tech. for inclusion of Department name as per the resolution of the Standing Committee meeting held on 25.05.2023.

[C] To consider the Modification in Degree Certificates for inclusion of the Name of the Chairman Senate and the Name of the Chairman BoG.

Resolution : [A] The Board of Governors considered the recommendations of the Senate on the Modifications in existing Ordinances for Bachelors' Programme, Masters' Programme and Doctoral Programme of the Institute for adoption and implementation in the Institute.

The Board of Governors was apprised of the comparative study of the existing Ordinances and the proposed Ordinances for Bachelors' Programme, Masters' Programme and Doctoral Programme. The Board of Governors noted the modifications in these Ordinances in respect of Ordinances having financial implications.

Considering the above and details presented before it, the Board resolved to approve the recommendations of the Senate on the revised Ordinances of Bachelors' Programme, Masters' Programme and Doctoral Programme of the Institute for adoption and implementation in the Institute from the date of its resolution made in the Senate i.e. 02.07.2023.

The Ordinances for Bachelors' Programme, Masters' Programme and Doctoral Programme as recommended by the Senate and approved by the Board of Governors is at **ANNEXURE-III**.

[B] The Board of Governors considered the Modification in Grade sheets / Degree Certificate for M.Tech. for inclusion of Department name as per the resolution of the Standing Committee meeting held on 25.05.2023 and resolved to approve the same from the date of its resolution made in the Senate i.e. 02.07.2023.

The Board of Governors resolved to approve the same and taken on record.

[C] The Board of Governors considered the Modification in Degree Certificates for inclusion of the Name of the Chairman Senate and the Name of the Chairman Board of Governors and resolved to approve the same from the date of its resolution made in the Senate i.e. 02.07.2023.

The Board of Governors resolved to approve the same and taken on record.

| Item No. 73.14 | : | To consider the request of Prof. Shivesh Sharma for establishment of Atal Incubation Centre under Atal Innovation Mission (AIM) at MNNIT Allahabad. |
| Resolution | : | The Board of Governors considered the request of Prof. Shivesh Sharma for establishment of Atal Incubation Centre under Atal Innovation Mission (AIM) at MNNIT Allahabad. |

The Board noted that Prof. Shivesh Sharma needs to ensure the fulfillment of all mandatory requirements of the project/establishment.

The Board advised the Institute to ensure that no fund for the proposed project/ establishment will not be given from the Institute grants given by the Ministry of Education. It shall be managed from the Institute IRG/ Institute R&C funds generated through Testing and Consultancy.

The Board of Governors, considering the above, resolved to accept and approve the request of Prof. Shivesh Sharma for establishment of Atal Incubation Centre under Atal Innovation Mission (AIM) at MNNIT Allahabad.

Item No. 73.15 : To consider the request made by Prof. Ravindra Kumar Singh, Professor, Department of Electrical Engineering for grant of Sabbatical Leave for one (01) year.

Resolution : The Board of Governors considered the request made by Prof. Ravindra Kumar Singh, Professor, Department of Electrical Engineering for grant of Sabbatical Leave for one (01) year.

The Board noted that the request of Prof. Ravindra Kumar Singh was examined at the Institute level by the DFAC & the Institute level Committee. The said committee has recommended the grant of sabbatical leave to Prof. Ravindra Kumar Singh.

The Board of Governors considering the above resolved that Prof. Ravindra Kumar Singh may be granted sabbatical leave for one (01) year for the purpose of writing a book, subject to following conditions:

a) No substitute shall be appointed in the vacancy and work load of Prof. Ravindra Kumar Singh shall be shared by the other faculty members of the Department of Electrical Engineering.

b) Prof. Ravindra Kumar Singh shall not undertake during the period of sabbatical leave, any regular appointment under any other organization in India or abroad; applicant shall, however, be free to receive a scholarship or fellowship or bursary or other ad-hoc honorarium other than the regular employment.

c) Prof. Ravindra Kumar Singh shall furnish a bond in the prescribed form to serve the Institute for a minimum period of three years on return to duty after availing sabbatical leave for one year.

d) On return from sabbatical leave, he is required to submit in brief of work done during the leave period.

Considering the above, the Board of Governors approved the request of Prof. Ravindra Kumar Singh, Professor, Department of Electrical Engineering for grant of Sabbatical

Leave for one (01) year for the purpose of writing a book.

Item No. 73.16 : [A] To consider the proposed MoU between Yonsei University, Seoul, Korea and MNNIT Allahabad, Prayagraj.

[B] To consider the proposal of MoU between Microsoft and MNNIT Allahabad.

Resolution : [A] The Board of Governors considered the proposal of the Institute Memorandum of Understanding (MoU), to be executed for academic collaboration between School of Integrated Technology, Yonsei University Seoul, Korea and MNNIT Allahabad in the following areas:

(i) Development of joint degree programmes, in mutually agreed disciplines.

(ii) Exchange of faculty members and students for mutually agreed programmes, duration, terms and conditions.

(iii) Joint/ collaborative research projects and publications.

(iv) Joint organization of technical meetings, international workshops, conferences, seminars, faculty development programs, symposia, etc.

(v) Any other matter as agreed, which is not covered above.

(vi) Exchanges of academic materials.

The Board of Governors resolved to accept and approve the aforementioned MoU proposed of the Institute. Subject to above mentioned observations.

The Board of Governors directed that proposer of the MoU needs to ensure that the organization with whom the MoU is proposed has not been blacklisted and none of the activities proposed to be conducted under MoU are detrimental to the interest of the Institute.

The Board of Governors resolved to accept and approve the proposal of the Institute for entering into Memorandum of Understanding (MoUs) for exploring academic collaboration for providing technical internship program to the students of the MNNIT Allahabad to be executed between MNNIT Allahabad and Yonsei University subject to the above observations.

A copy of the MoU as approved by the Board of Governors is at **ANNEXURE–IV**.

[B] The Board of Governors considered the proposal of the Institute Memorandum of Understanding (MoU) for working together on common goals of empowering and skilling students to thrive in the digital economy, to be executed between Microsoft and MNNIT Allahabad in the following areas:

Microsoft's Contributions

- Microsoft may provide contact/SPOC, who may be available for all communications with MNNIT Allahabad

- Microsoft may grant access to MS Learn platform. Microsoft may support MNNIT Allahabad in integration of MS Learn into its learning management system through MS Learn Catalog API. More information on this is available at https://aka.ms/LearnLTI and https://aka.ms/LearnCatAPI.

- Microsoft may support MNNIT Allahabad in developing curriculum for its Technology Programs and recommend the most popular learning tracks that can be integrated in the courses.

- Microsoft may conduct virtual workshops/orientation sessions for educators and/or students to support education on Microsoft technologies and certification.

- Microsoft may provide Azure for students, on terms and conditions available at https://aka.ms/AzureForStudents, which may give students the ability to start building apps, explore AI, and make the most of big data and cloud with additional access to services, including compute, network, storage, and databases.

- Microsoft may provide Microsoft Learn for educators which provides access to curriculum pathways of official Microsoft learning products for skilling related to Microsoft Azure, Microsoft Azure Data, Microsoft Azure AI, Microsoft Security, Compliance, and Identity, Microsoft Dynamics 365 ERP, Microsoft Dynamics 365 CRM and Microsoft Power Platform Fundamentals. The educators of MNNIT Allahabad may join the program in self- service mode and will have access to multiple resources which will help them in teaching MS Fundamental Courses. More information on this is available at-https://aka.ms/Learn For Educators.

- Microsoft may allow MNNIT Allahabad to promote Imagine Cup, a global

technology program and challenge for student developers ages 16+, giving them the opportunity to build purpose driven applications with Microsoft Cloud technology to tackle some of the world's biggest social, environmental, and health challenges. The program provides the opportunity to collaborate with other students, network with professionals, gain new skills, make a difference in the world around you,

- Microsoft may allow MNNIT Allahabad to reference Microsoft's name and logo to promote this engagement and Project on their website and on social media in accordance with section 8 of this MOU and additional Microsoft policies. More information on this can be availed at https://www.microsoft.com/en-s/legal/intellectualproperty/trademarks/ usage/ logo.aspx.

MNNIT Allahabad Contributions

- MNNIT Allahabad may identify a sole point of contact to work directly with Microsoft.
- MNNIT Allahabad may integrate Microsoft Courses and certifications into the curriculum.
- MNNIT Allahabad may provide feedback to Microsoft to improve and develop current and future offerings.
- MNNIT Allahabad may carry out promotions as agreed between the Parties by mutual consent, as allowed by branding policies of both the Parties.
- MNNIT Allahabad may permit Microsoft to use MNNIT Allahabad and its website as a reference site for other institutes who want to understand about how to integrate courses and utilize the learning material provided by Microsoft.
- MNNIT Allahabad would have the opportunity to promote Imagine Cup to students as an open opportunity to participate in a Microsoft global competition via www.imaginecup.com

The Board of Governors noted that the proposed MoU has no Financial Commitments on the parts of the Institute and any IPR generating out of the

proposed MoU shall be governed as per the IPR policy of the Institute.

The Board of Governors directed that proposer of the MoU needs to ensure that the organization with whom the MoU is proposed has not been blacklisted and none of the activities proposed to be conducted under MoU are detrimental to the interest of the Institute.

The Board of Governors subject to the above observations, resolved to accept and approve the proposal of the Institute for entering into Memorandum of Understanding (MoUs) for exploring academic collaboration for providing technical internship program to the students of the MNNIT Allahabad to be executed between MNNIT Allahabad and Yonsei University.

A copy of the MoU as approved by the Board of Governors is at ANNEXURE- V.

Item No. 73.17 : To note the reply of other NITs on the matter of the newly appointed Assistant Professors at pay level 11 regarding issue of salary less than drawn earlier at pay level 10.

Resolution : The Board of Governors considered the reply of other NITs on the matter of the newly appointed Assistant Professors at pay level 11 regarding issue of salary less than drawn earlier at pay level 10.

In order to seek information regarding the pay being offered to new faculties in other NITs, Institute vide letter No. 85/Reg.off./2023-24 dated 25.05.2023 has requested all other NITs/IIEST Shibpur to provide information regarding pay being offered new faculties recruited as Assistant Professor (Gr-II) on contract at AGP 7000/- (7th CPC Pay Level 11). On perusing the reply of the other NITs it has been observed that they have fixed the pay of Assistant Professor (Grade-II) (On Contract) at pay level 11 by granting one increment in their pay at pay level 10 of 7th CPC Pay Matrix of faculty and fixed in the corresponding next higher cell at Pay Level 11 in the Pay Matrix as per clause 6 of the letter No. F.No. 15-4/ 2017- TC, dated October 27, 2017.

The Board was also apprised that as per the resolution of the Board in its previous meeting the matter has been referred to the Ministry of Education for framing the

uniform policy for all NITs and IIEST governed by the Ministry of Education in the similar matters, but the reply from the Ministry of Education is still awaited. Registrar/Secretary made an appeal to the board to permit the Institute to follow the same guidelines. The Board asked secretary to wait little more and request Ministry of Education to expedite the matter in the interest of the faculty members.

The Board further directed the Institute to send a reminder letter to the Ministry of Education and requested the representatives from the Ministry of Education to resolve the matter at the earliest possible. The aforementioned letter has been sent again to the Ministry of Education for necessary consideration on priority basis.

Item No. 73.18 : **To note the status/ updates in the matter of redeployment/ adjustment of NTMIS Staffs, in light of the Contempt Petition No. 28 of 2020 at the Hon'ble Central Administrative Tribunal, Allahabad Bench.**

Resolution : The Board of Governors noted the status/ updates in the matter of redeployment/ adjustment of NTMIS Staffs, in light of the Contempt Petition No. 28 of 2020 at the Hon'ble Central Administrative Tribunal, Allahabad Bench.

The Board of Governors was apprised that the Hon'ble Central Administrative Tribunal, Allahabad Bench in the Contempt Petition No. 28 of 2020 filed by Shri Manish Singh & others vs. Union of India & others, in its order dated 04.11.2020, 11.01.2021, 19.01.2021, 25.01.2021, 18.02.2021, 03.03.2021, 16.03.2021, 22.03.2021, 08.04.2021, 09.04.2021, 24.04.2021, 13.07.2021, 12.08.2021, 01.09.2021, 26.10.2021, 18.11.2021, 07.12.2021 and 21.12.2021, 11.01.2022, 19.01.2022, 08.02.2022 and 02.03.2022 has adjourned the case. Further, the case was listed on 10.03.2022, 29.03.2022, 12.05.2022, 17.05.2022, 02.06.2022, 20.07.2022, 26.07.2022, 27.08.2022, 14.09.2022, 12.10.2022, 15.11.2022, 08.12.2022, 14.12.2022, 12.01.2023, 27.02.2023, 30.03.2023, 17.04.2023, 15.05.2023, 24.05.2023, 19.07.2023 and 03.08.2023, but the case could not be taken up so far.

The next hearing of the case is on 01.09.2023.

The Board considering the above resolved to wait for the decision of the Hon'ble Central Administrative Tribunal, Allahabad Bench in the Contempt Petition No. 28 of

2020 filed by Shri Manish Singh & others vs. Union of India & others.

Item No. 73.19 : [A] To note the minutes of the Thirty-ninth [39th] meeting of the Building and Works Committee held on 20.07.2023.

[B] To note the minutes of the Sixty-eighth [68th] meeting of the Finance Committee scheduled to be held on 10.08.2023.

[C] To consider the following recommendations of the Sixty-eighth [68th] meeting of the Finance Committee scheduled to be held on 10.08.2023 for approval on the following:

[I] To note the annual allocation of funds to the Institute communicated by the Ministry of Education vide letter F. No. 36-1/2023-TS.III, dated 04.05.2023 on the subject *"Tentative Annual Allocation for the Financial Year 2023 - 2024 in respect of Motilal National Institute of Technology (MNNIT), Allahabad – regarding"*.

[II] Email dated 12.04.2023 thereby enclosing letter F.No. 36-1/2022-TS.III dated 11.04.2023 on the subject *"Restriction/ Amendment/ recommendation to Rules of GFR 2017 – reg."*

[III] Letter F.No.33-1l2022 -TS.III (Pt.1) dated 29.05.2023 on the subject *"Amendment in General Financial Rules, 2017-Rule 171(i) Performance Security - reg."* thereby enclosing OM F.No. 23011/02/2023-IF.I dated 24.05.2023, OM No. F.7/10/2021-PPD dated 23.02.2023 & Order No. F.7/10/2021-PPD(1) dated 23.02.2023 and MoE letter No. 36-1/2022-TS.III,dated 11.04.2023.

[IV] Letter F No. DST/PCPM/Z-06/2022 dated 26.06.2023 from the Ministry of Science & Technology, on the subject "Revision of emoluments and guidelines on service conditions for Research Personnel engaged in R&D programme of the Central Government Departments/ Agencies".

[V] Construction of New Block for Academic Building in front of Central Library i/c internal electric installations, fans & firefighting system & lift at MNNIT Allahabad, Prayagraj.

[VI] Proposal of New Infrastructure Projects (Renovation/ maintenance

works) in the Institute Campus.

[VII] To ratify the approval of Director, MNNIT Allahabad as the Chairman, BWC to allow E.E., CPWD to make the payment of Rs.16,93,048.00 to the Prayagraj Development Authority [PDA] as compounding fee for getting the Final N.O.C from the PDA for the revised built-up Building Plans of the newly constructed Boys Hostel.

[VIII] To consider the proposal of Construction of Under Pass (Twin box) at railway line passing between Academic Campus & Hostel Campus at MNNIT Allahabad.

[IX] To apprise the BWC about the Payment of Rs.1,89,77,875.00 incurred by the CPWD (within the sanctioned amount of Rs.39,66,42,400.00) to the Prayagraj Development Authority (PDA) for NOC of Multi-Storied faculty Quarters (G+12) in the residential campus at MNNIT Allahabad, Prayagraj.

[X] To Empanel the Architects for Conceptual planning / drawings / designing / interior decoration for renovation and maintenance works in the Institute Campus.

[XI] To Consider the payment of ₹14,90,333.00 demanded by Divisional Director, Social Forestry Division, Prayagraj for plantation of 1300 plants to issue NOC to cut the 130 no. of green/dry trees standing at the proposed site of the New Academic Block in the Academic Campus of the Institute.

[XII] To consider the proposal for Starting of Two new PG courses in the following department as per the recommendations of the Senate

    (i) Department of Chemistry (M.Sc. in Applied Chemistry).

    (ii) Department of Physics (M.Sc. in Physics).

[XIII] To consider the recommendation of the Committee relating to EAA course implementation under the Chairmanship Prof. Ravi Prakash including the associated financial aspects.

[XIV] To consider the proposal for establishing the Centre for Sustainable Energy in the Institute as Centre of Excellence.

[XV] To consider the Institute proposal to offer financial support upto ₹5.00 Lakhs to the newly joined (joining the Institute in the year 2023 and thereafter) faculty members of the Institute for pursuing projects and establishing their state of the art and research facility from the funds generated under Consultancy Head of the Dean (R&C).

+Resolution : [A] The Board of Governors considered the minutes of the Thirty-ninth [39th] meeting of the Building and Works Committee held on 20.07.2023.

A copy of the minutes of the Thirty-ninth [39th] meeting of the Building and Works Committee is at ANNEXURE-VI.

The Board of Governors noted and accepted the recommendations of the Thirty-ninth [39th] meeting of the Building and Works Committee held on 20.07.2023 with immediate effect.

[B] The Board of Governors considered the minutes of the Sixty-eighth [68th] meeting of the Finance Committee held on 10.08.2023.

A copy of the minutes of the Sixty-eighth [68th] meeting of the Finance Committee is at ANNEXURE-VII.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[C] [I] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.03[A] to note the annual allocation of funds to the Institute communicated by the Ministry of Education vide letter F. No. 36-1/2023-TS.III, dated 04.05.2023 on the subject "*Tentative Annual Allocation for the Financial Year 2023 - 2024 in respect of Motilal National Institute of Technology (MNNIT), Allahabad – regarding*".

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[II] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.05[A] for approval on the Email dated 12.04.2023 thereby enclosing letter F.No. 36-1/2022-TS.III dated 11.04.2023 on the subject *"Restriction/ Amendment/ recommendation to Rules of GFR 2017 – reg."*

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[III] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.05[B] for approval on the Letter F.No.33-1|2022 -TS.III (Pt.1) dated 29.05.2023 on the subject *"Amendment in General Financial Rules, 2017-Rule 171(i) Performance Security - reg."* thereby enclosing OM F.No. 23011/02/2023-IF.I dated 24.05.2023, OM No. F.7/10/2021-PPD dated 23.02.2023 & Order No. F.7/10/2021-PPD(1) dated 23.02.2023 and MoE letter No. 36-1/2022-TS.III,dated 11.04.2023.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[IV] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.05[C] for approval on the Letter F No. DST/PCPM/Z-06/2022 dated 26.06.2023 from the Ministry of Science & Technology, on the subject "Revision of emoluments and guidelines on service conditions for Research Personnel engaged in R&D programme of the Central Government Departments/ Agencies".

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[V] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.06[A] for approval on the Construction of New Block for Academic Building in front of Central Library i/c internal electric installations, fans & firefighting system & lift at MNNIT Allahabad, Prayagraj.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[VI] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.06[B] for approval on the Institute proposal of New Infrastructure Projects (Renovation/ maintenance works) in the Institute Campus.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[VII] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.06 [C] to ratify the approval of Director, MNNIT Allahabad as the Chairman, BWC to allow E.E., CPWD to make the payment of Rs.16,93,048.00 to the Prayagraj Development Authority [PDA] as compounding fee for getting the Final N.O.C from the PDA for the revised built-up Building Plans of the newly constructed Boys Hostel.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[VIII] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.06 [D] for approval on the Institute proposal for Construction of Under Pass (Twin box) at railway line passing between Academic Campus & Hostel Campus at MNNIT Allahabad.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[IX] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.06 [E] for approval on the Payment of Rs.1,89,77,875.00 incurred by the CPWD (within the sanctioned amount of Rs.39,66,42,400.00) to the Prayagraj Development Authority (PDA) for NOC of Multi-Storied faculty Quarters (G+12) in the residential campus at MNNIT Allahabad, Prayagraj.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[X] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.06 [F] for approval on the Institute proposal to Empanel the Architects for Conceptual planning / drawings / designing / interior decoration for renovation and maintenance works in the Institute Campus.

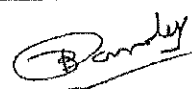The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[XI] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.06 [G] for approval on the payment of ₹14,90,333.00 demanded by Divisional Director, Social Forestry Division, Prayagraj for plantation of 1300 plants to issue NOC to cut the 130 no. of green/dry trees standing at the proposed site of the New Academic Block in the Academic Campus of the Institute.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[XII] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.07 [A] for approval on the proposal for Starting of Two new PG courses in the following department as per the recommendations of the Senate.

    (i)   Department of Chemistry (M.Sc. in Applied Chemistry).

    (ii)   Department of Physics (M.Sc. in Physics).

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[XIII] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.07 [B] for approval on the recommendation of the Committee relating to EAA

course implementation under the Chairmanship Prof. Ravi Prakash including the associated financial aspects.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[XIV] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.07 [C] for approval on the proposal for establishing the Centre for Sustainable Energy in the Institute as Centre of Excellence.

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

[XV] The Board of Governors noted the recommendations of the Sixty-eighth [68th] Finance Committee vide resolution on item No. 68.08 for approval on the Institute proposal to offer financial support upto ₹5.00 Lakhs to the newly joined (joining the Institute in the year 2023 and thereafter) faculty members of the Institute for pursuing projects and establishing their state of the art and research facility from the funds generated under Consultancy Head of the Dean (R&C).

The Board accepted and resolved to approve the above recommendations of the Finance Committee with immediate effect.

Any other matter with the permission of the Chair:

[A] The Board of Governors considered the Institute proposal for Academic Audit of department/Cell of MNNIT Allahabad for enhancement/upliftment of academics, research, laboratories, publication and other associated aspects.

The Board appreciated the Institute initiative for overall improvements and authorized the Director to take necessary steps in the matter.

[B] The Board of Governors was apprised the matter of transfer of land between University of Allahabad and the MNNIT Allahabad. The Board of Governors advised the Institute that the proposal should be routed through the Ministry of Education in light of the provision of the GFR-2017. The Board decided that the proposal should be the matter of discussion and part of the record.

[C] The Board of Governors was apprised about the proposal of adding the following points regarding the duties and responsibilities in the offer letters of appointment issued to the new faculty members of the Institute:

(i) Teaching (as per requirements of the concerned department)

(ii) Research (You need to establish your own research lab as per your expertise for which you may be provided funding of approximately Rs. 05 Lacs)

(iii) Consultancy (You need to establish liaison with startups/entrepreneurs to perform the consultancy projects)

(iv) Administration (Administrative assignments given by the competent authority as and when required).
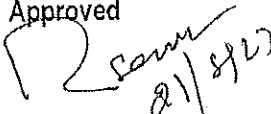
The Board of Governors resolved to note and approve the above.

The meeting concluded with thanks to the Chair.
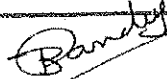
17/08/2023

[Ramesh Pandey]
Registrar/ Secretary

Approved

[Rama Shanker Verma]
Chairperson, Board of Governors &
Director, MNNIT Allahabad

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद

प्रयागराज-211004 [भारत]

Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 [India]

Screening Criteria for Shortlisting Professor (Stage-II)

Stage-II Screening guidelines for shortlisting the candidates from the list of eligible candidates recommended by Departmental Screening Committee are as under:

1. **Academic Score:**

Sl. No.	Academic Score	NIRF up to 1-100 (CY)		Others	
1.	Graduation	05		02	
2.	Post Graduation	05		02	
3.	Ph.D.	20		05	
4.	Post Doctoral Fellowship (in years) Since last promotion	<= 01	>01	<= 01	>01
		10	20	05	10

2. **Patent:** 05 Point per patent granted.

3. The QRP (Quality research papers) score for research papers would be augmented as follows: [Max 50 points] [Score should be counted for over and above mandatory nos. of research papers required]

   (a) SCI/SCI-E/SSCI/AHCI   -   08 Points
   (b) E-SCI   -   05 Points
   (c) SCOPUS   -   03 Points
   (d) Two authors: 50% of total value of publication for each author.
   (e) More than two authors: 50% of total value of publication for the First/Main/Corresponding author and rest will be divided among all authors.

4. **Project points:**
   - 05 points per project above the value of 15 lakhs
   - 10 points for projects above the value of 50.00 lakh (Points should be calculated for projects required beyond mandatory requirements).

5. **Mandatory Requirements:**
   1. Two Ph.D. awarded as supervisor.
   2. 4 SCI/SCI-E/SSCI/AHCI or 6 E-SCI or 8 SCOPUS papers published since last promotion.
   3. One sponsored R&D/ Consulting project as P.I. above 15.00 lakh or Two sponsored R&D /consulting project as Co-P.I. above 15.00 lakh

   Candidates meeting any two of the above requirements will be qualified for further score calculations.

6.   Further, the Heads/Conveners are requested to decide the merit based on above mentioned guidelines.

A.   Note: For educational qualification acquired from foreign universities/ Institutions:

Sl. No.	Academic score	THE/QS ranking up to 400 (CY)	THE/QS ranking up to 401-450 (CY)	THE/QS ranking up to 451-500 (CY)	Others
1	Graduation	05	04	03	02
2	Postgraduate	05	04	03	02
3	Ph.D.	20	15	10	05

B.   For Post-Doctoral Fellowship since last promotion:

Ranking	THE/QS ranking (1-500)	
Experience in yrs.	≤01	>01
Points	10	20

C.   SCI/SSCI/SCOPUS papers will be considered for marks.

D.   For IPR/Projects points should be equally divided among the inventors/investigators.

E.   For Ph.D. degree/Post-Doc. Fellowship (PDF) Experience, current year (CY) of National Institutional Ranking Framework (NIRF)/Quacquarelli Symonds (QS)/Times Higher Education (THE) ranking will be considered.

F.   Post-Doc. Fellowship Experience (PDF) less than six months will not be considered.

G.   For Ph.D. supervision 08 marks for sole supervision and if co-supervisor/another supervisor is there, then each will be rewarded 05 marks for extra Ph.D. over and above mandatory requirements.

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद

प्रयागराज-211004 [भारत]

Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 [India]

Screening Criteria for Shortlisting Associate Professor (Stage-II)

Stage-II Screening guidelines for shortlisting the candidates from the list of eligible candidates recommended by Departmental Screening Committee are as under:

1. **Academic Score:**

Sl. No.	Academic Score	NIRF up to 1-100(CY)		Others	
1.	Graduation	05		02	
2.	Post Graduation	05		02	
3.	Ph.D.	20		05	
4.	Post Doctoral Fellowship (in years) Since last promotion	<= 01	>01	< = 01	>01
		10	20	05	10

2. Patent: 05 Point per Patent granted.

3. The QRP (Quality research papers) score for research papers would be augmented as follows: [Max 50 points] [Score should be counted for over and above mandatory Nos. of research papers required]

    i)   SCI/SCI-E/SSCI/AHCI   -   08 Points
    ii) E-SCI   -   05 Points
    iii) SCOPUS   -   03 Points

    (a) Two authors: 50% of total value of publication for each author.

    (b) More than two authors: 50% of total value of publication for the First/Main/Corresponding author and rest will be divided among all authors.

4. **Project points:**
    - 05 points per projects above the value of 8.00 lakh
    - 10 points for projects above the value of 50.00 lakh

    (Points should be calculated for projects required beyond mandatory requirements).

5. **Mandatory Requirements:**

    1. One Ph.D. awarded as supervisor.

    2. 2 SCI/SCI-E/SSCI/AHCI or 3 E-SCI or 4 SCOPUS papers published since last promotion.

    3. One sponsored R&D/ Consulting project as P.I. above 8.00 lakh or Two sponsored R&D /consulting project as Co-P.I. above 8.00 lakh

    Candidates meeting any two of the above requirements will be qualified for further score calculations.

6.   Further, the Heads/Conveners are requested to decide the merit based on above mentioned guidelines.

Note:

A. For educational qualification acquired from foreign universities/ Institutions:

Sl. No.	Academic score	THE/QS ranking up to 400 (CY)	THE/QS ranking up to 401-450 (CY)	THE/QS ranking up to 451-500 (CY)	Others
1	Graduation	05	04	03	02
2	Postgraduate	05	04	03	02
3	Ph.D.	20	15	10	05

B. For Post-Doctoral Fellowship after last promotion:

Ranking	THE/QS ranking (1-500)	
Experience in yrs.	≤01	>01
Points	10	20

C. SCI/SSCI/SCOPUS papers will be considered for marks.

D. For IPR/Projects points should be equally divided among the inventors/investigators.

E. For Ph.D. degree/Post-Doc. Fellowship (PDF) Experience, current year (CY) of National Institutional Ranking Framework (NIRF)/Quacquarelli Symonds (QS)/Times Higher Education (THE) ranking will be considered.

F. Post-Doc. Fellowship (PDF) Experience less than six months will not be considered.

G. For Ph.D. supervision 08 marks for sole supervision and if co-supervisor/ another supervisor is there, then each will be rewarded 05 marks for extra Ph.D. guided over and above mandatory requirements.
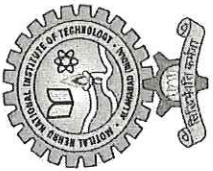
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज-211004 [भारत]
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 [India]

Category-wise details of positions sanctioned, in-position & vacant positions of Faculty Members

Post	Sanctioned							In Position							Vacant						
	PwD	SC	ST	OBC	EWS	UR	Total	PwD	SC	ST	OBC	EWS	UR	Total	PwD	SC	ST	OBC	EWS	UR	Total
Assistant Professor (Level 10/11/12) As on 01.01.2023		29	14	54	19	91	207		10	02	25	00	46	85		19	12	29	19	45	124
Assistant Professor (Level 10/11/12) As on 01.08.2023		29	14	54	19	91	207		23	02	35	03	52	115		06	12	19	16	39	92
Assistant Professor (Level 10/11/12) As on 10.08.2023 (Assuming all offered has joined)		29	14	54	19	91	207		22	01	33	04	51	111		07	13	21	15	40	96
Associate Professor / Professor (Level 13A2/14A/15) As on 01.01.2023				155							113							42			
Associate Professor / Professor (Level 13A2/14A/15) As on 10.08.2023				155							144 [ST-01, SC-05, OBC-12, EWS-00, UR-25] [No category (Recruited prior to 2019 before implementation of CEI reservation Act, 2019) = 101]							11			

Note: As on 10.08.2023 the net vacancy in the Institute at the Faculty Positions is 107 (Assistant Professor Level: 96; Associate Professor / Professor Level: 11).

For consideration in
Seventy-third [73rd]
Meeting of the
Board of Governors

ORDINANCES FOR BACHELORS' PROGRAMME
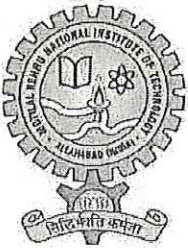
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद

Motilal Nehru National Institute of Technology Allahabad

प्रयागराज/Prayagraj-211004

Ordinances Modified as per the suggestions received from Departments/ SUGC

Ordinances
Bachelors' Programme

Motilal Nehru National Institute of Technology Allahabad
Prayagraj, India-211004

PREAMBLE

The provisions contained in these Ordinances for "BACHELORS' PROGRAMME" of Motilal Nehru National Institute of Technology Allahabad (MNNITA) govern the policies and procedures for the admission of students, imparting instructions, conducting examinations, evaluation, certification of students' performance and the various forms of flexible academic under-graduate programmes being offered by the Institute to the students.

The present Ordinances have been designed to promote flexible, multi-discipline and holistic education including life-long learning. The Ordinances also aim to provide regulated academic autonomy with delegated academic administrative empowerment at different levels.

These Ordinances shall supersede all the corresponding earlier set of Ordinances for all "BACHELORS' PROGRAMME" of the Institute, with all the amendments thereto, with effect from the date of approval of the Board of Governors (BOG) of the Institute, and shall be binding on the students admitted in the academic session 2022-23.

However, the students admitted in earlier academic sessions, shall be governed by the Ordinances prevalent at the time of their admission.

All Undergraduate Students are required to abide by these Ordinances for BACHELORS' PROGRAMMES' code of ethics and academic conduct.

Nomenclature

ACD	Academic Deficiency
AS	Academic Session
BP	B.Tech. Programme
BoAc	Board of Academics
BoG	Board of Governors
BoS	Board of Studies
B.Tech.	Bachelor of Technology
CPI	Cumulative Performance Index
DASA	Direct Admission of Students Abroad
DUGC	Department Undergraduate Committee
g	grade points associated with the letter grades awarded to a student
GoI	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
SMPC	Senate Masters' Programme Committee
SPI	Semester Performance Index
SUGC	Senate Under Graduate Committee
UFM	Unfair Means
w	weight or credit of the course

1. INTRODUCTION

The objectives of all the Undergraduate Programmes at the Motilal Nehru National Institute of Technology Allahabad (MNNITA) are:

- To provide the highest level of education in Technology and Science, and to produce competent, creative, and imaginative Engineers and Scientists.
- To promote a spirit of free and objective enquiry in different fields of knowledge.
- To make a significant contribution towards the development of skilled technical manpower.
- To create an intellectual reservoir to meet the growing demands of the society and nation, and
- To attain a distinct identity for the Institute and oneself through technology innovation and dissemination for the benefit of the society and nation.
- To promote research and innovation and professional competence amongst students.
- To promote flexible, multi-discipline and holistic education including life-long learning.

The Undergraduate Programmes are designed to achieve these objectives and to inculcate in the student concepts and intellectual skills, courage and integrity, awareness and sensitivity towards the needs and aspirations of the society in the national and global contexts.

These ordinances set out the procedures and requirements of the Undergraduate Programmes of study that fall under the direct purview of the Senate Under Graduate Committee (SUGC).

1.1 Board of Governors (BoG)

The Board of Governors of the Institute, hereinafter, referred to as BoG, is constituted as per the provisions contained in Sections 10 and 11of the National Institutes of Technology Act, 2007. BOG is one of the "Authorities of Institute".

1.2 Senate

The Senate of the Institute is constituted as per the provisions contained in Section 14 of the National Institutes of Technology Act, 2007. Subject to the provisions of the Act, the Senate of the Institute shall have the control over general regulations and be responsible for the maintenance of standards of instruction, education, and examination in the Institute and shall exercise such other powers and perform such other duties as may be conferred or imposed upon it by the Statutes. Director of the Institute acts as the Chairperson, Senate.

1.3 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.

1.4 Undergraduate Programmes

Six different variants of Bachelor of Technology programs are offered by the Institute. They are designated as Basic Degree viz. B.Tech., B.Tech. with Minor, B.Tech. Honours, B.Tech. Honoursand Minor, B.Tech. with Research, and B.Tech. with Research and Minor.

The associated degree nomenclature of each of the undergraduate programmes is given below:

Programme Type	Degree nomenclature
Basic Degree	B.Tech. (_____)

7

Basic + Minor	B.Tech. (_____) and Minor in (_____)
Basic + Honours	B.Tech. Honours (_____)
Basic + Research	B.Tech. (_____) with Research
Basic + Honours + Minor	B.Tech. Honours (_____) and Minor in (_____)
Basic + Research + Minor	B.Tech. (_____) with Research and Minor in (_____)

(A) Basic Degree viz. B. Tech

Basic Degree viz. B.Tech. Programme refers to normal/regular B.Tech. Undergraduate Programme without any specialty, where a student needs to earn minimum required 160-170 credits relevant to her / his discipline.

(B) B.Tech. Honours

B.Tech. (Honours) Programme refers to B.Tech. Undergraduate Programme with Honours indicating a higher quality and quantity of study in her / his own discipline. A student needs to earn additional 16-20 credits through specialized courses enhancing the professional competence and capabilities, above the minimum required credits for Basic Degree viz. B.Tech. degree, relevant to her / his discipline.

(C) B.Tech. with Research

B.Tech. with Research Programme refers to B.Tech. Undergraduate Programme with Research where a student needs to earn additional 16-20 credits through Research / PG level courses, above the minimum required credits for Basic Degree viz. B. Tech., relevant to her / his discipline enabling her / him to pursue M.Tech. in one year or direct admission in PhD Programme

(D) Basic Degree viz. B. Tech./ B.Tech. Honours/ B.Tech. with Research, with Minor

Basic Degree viz. B. Tech./ B.Tech. Honours/ B.Tech. with Research, with Minor(s) programmes refer to B.Tech. Programmes undertaken by students with multidiscipline study of additional discipline(s), in addition to the discipline in which a student has been admitted. Opting for such additional Minor disciplines of study would be limited to two. For each of such Programmes with Minor, a student needs to earn additional 16-24 credits (for each minor) through prescribed courses related to the Minor, above the minimum required credits for B.Tech. degree relevant to her / his discipline.

Presently 4-year Bachelor of Technology (B.Tech.) Programmes in the Institute are being offered in eight disciplines of engineering and technology viz. Biotechnology, Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering, Mechanical Engineering, and Production and Industrial Engineering.

Institute may start new under-graduate programme(s) in other disciplines after due approval of the Senate and the Board of Governors.

1.5 Office of the Dean (Academic)

The Office of the Dean (Academic) is responsible for the implementation of the decisions taken on academic matters by the Senate of the Institute, SUGC and other duly constituted Senate Committees. The office of the Dean (Academic) shall (i) receive, process and maintain all records related to the Undergraduate 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 a channel of communication between the students, instructors, departments / interdisciplinary programme / schools / cells / centres and the SUGC. The Undergraduate Section of the office of Dean (Academic) shall assist the SUGC in its functioning.

1.6   Senate Undergraduate Committee (SUGC)

The Senate Undergraduate Committee, hereinafter, referred to as SUGC, is established according to the bye-laws of the Senate. The SUGC, is one of the standing committees of the Senate, shall consist of following members:

(i)   Chairperson, SUGC nominated by the Senate / Chairperson, Senate from amongst the members of the Senate.

(ii)   Outgoing Chairperson, SUGC.

(iii) Chairperson, Senate Masters' Programme Committee (SMPC).

(iv)   Two Senate nominees from amongst the Senate members.

(v)   Convener, DUGC of all Academic Departments and the Interdisciplinary Programmes.

(vi)   Three undergraduate students (one each from second, third and fourth year, and all from different departments and at least one female student). The student members shall be nominated by Dean (Academic).

The tenure of the Chairperson, SUGC and Senate nominees shall be normally of two years. The tenure of student nominees shall be of one year. The student members shall not participate in SUGC meetings when the cases of academic evaluation of a student is being considered, although the students' opinion might be sought prior to taking any decision. The SUGC must meet at least twice in every Semester. The Chairperson, SUGC shall keep record of its decisions.

The SUGC shall have jurisdiction in the recommendation of the following matters concerning the Undergraduate Programmes of the Institute:

- *Introduction of new Course(s),*
- *Desirable modification of Courses already approved,*
- *Modification of the credit value of Courses,*
- *To help in conducting of oral and written Examinations, award of degree,*
- *To consider the recommendations of the DUGCs, and*
- *Other related matters as may be referred to it by the Senate from time to time.*

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

1.7   Department Undergraduate Committee (DUGC)

Each Department shall have a Department Undergraduate Committee, hereinafter, referred to as DUGC, consisting of the following:

(i)   Head of the Department as ex-officio Chairperson.

(ii)   Convener, Department Masters' Programme Committee / Convener, Department Doctoral Programme Committee.

(iii) Three to five faculty members to be chosen from the Department.

(iv)   One professor from another Department.

(v)   Three Departmental UG students, one each from the second year, third year, and final year of UG Programmes offered by the Department, respectively. The student members shall be nominated for a period of one year.

(vi)   Convener, DUGC is to be nominated by Head of the Department among the faculty members of the Department.

The faculty members from the Department shall comprise at least one Professor (if available), one Associate Professor, and one Assistant Professor. The Convener, DUGC and other members of the DUGC shall be proposed by the Head of the Department along with the recommendation of Departmental faculty advisory committee for a term of two years starting from the month of July of the Academic Session.

The proposed DUGC shall be approved by the Chairperson, SUGC.

The DUGC shall be responsible for the following:

a)   monitoring of quality of instructions to students.

b)   proposing and implementing new Courses and desirable modification of courses already approved.

c) attending to the problems of UG students and advising them in academic matters.

d) coordinating grade submission to the office of Dean (Academic).

e) obtaining feedback of the performance appraisal of the Course Instructors from the students in the prescribed format [Form: BP-01 & BP-02].

f) advising the students with regard to opting online courses or courses offered by other Institutions.

g) mapping the marks/ grades earned by students under Clause (vi) as above, for preparation of grade sheet.

h) advising students for selection of minor, core engineering supported courses, Honours&Research courses & processing the allotment of these courses in association with Dean academic office. Associated modalities will be evolved by the concerned departments as per the requirements.

1.8 Board of Studies (BoS)

There will be a Board of Studies, hereinafter, referred to as BoS, for every Department. BoS functions will include framing the content of various courses, reviewing and updating the content and introducing new courses of study on a regular basis.

The composition of the BoS is as below:

(i) The Head of the Department as Chairperson.

(ii) All Professors / Associate Professors / Assistant Professors of the Department.

(iii) Members nominated by the Dean (Academic) on the recommendation of the Head of the Department as given below:

a) One Professor / Associate professor from physics, chemistry, mathematics, humanities and allied Departments nominated by respective Head of the Department.

b) One subject expert from IISc / IITs / NITs.

c) One subject expert with at least 10 years of experience in the relevant field from a Central/ State Organization/ R&D labs or from a reputed Industry.

d) One Alumni with at least 10 years of experience in the relevant field from a reputed R&D / Industry.

The BoS shall be constituted by the Department for a period of two years. The meetings of the BoS shall be arranged at least once in a year. The Board of Studies will have a power to advise the Department and prepare, revise or update content of courses as per the guidelines stipulated by the Senate. The duly considered recommendations of the BoS will be submitted to the BoAc for further consideration.

1.9 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.

1.10 Academic Mentor(s)

To help the students in planning their courses of study and to render general advice regarding their Academic Programme, the concerned Head of the Department will assign faculty member(s) to every batch of students, who will be called as an Academic Mentor. The duty hours of mentors (normally two hours per week) will be counted towards as her / his academic load. The group of students thus assigned will continue to be under the guidance of the Academic Mentor(s) till they complete the programme until otherwise changed. Academic Mentor(s) will provide guidance and advise students on a wide range of academic and allied topics through academic mentoring sessions. Such session shall be decided by the particular Academic Mentor and assigned group of students. Academic Mentor(s) can act as space for dialogic education, where academics and students can discuss students' studies and overall progress.

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 of nearly one year of duration. Summer Semester will be optional, and will be decided by the Department based on the availability of the faculty members and other resources. 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 3-4weeks duration for teaching and guidance of the students. Students can appear in Grade Improvement Examination after their Summer Semester.

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 Procedure

(a) Admission to various Programmes shall be made once in a year as per the guidelines framed by the Government of India (GoI) from time to time.

(b) Admissions may be offered through a centralized counseling process as applicable.

(c) A few admissions may be offered under the Cultural Exchange Fellowship Programme of the GoI, administered by the Indian Council of Cultural Relations (ICCR) and Direct Admission of Students Abroad (DASA) and Ministry of External Affairs (MEA) as per rules of the respective scheme.

(d) Reservation shall be as per the GoI guidelines framed from time to time.

(e) Students shall pursue their respective B.Tech. Programme allocated to them at the time of admission. The Senate may allow a slide of branch at the beginning of the second year based on academic performance in the first year, as per the branch sliding rules described in Clause 5.4.

Admission to any Undergraduate Programme of the Institute requires that the applicant shall complete all the registration formalities laid down in Section 5.

3.2 Admission Cancellation

All students admitted to any Programme shall submit copies of their mark-sheets, provisional certificates, transfer certificate / migration, etc., of the qualifying examination and other documents to the office of the Dean (Academic) by the last date specified for the purpose in the academic calendar. The Dean (Academic), in consultation with the Director, 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 Chairperson may also cancel the admission at any later stage if it is found that the student had supplied some false information or suppressed relevant information while seeking admission or s/he was involved in the act of indiscipline as per Clause 12.

3.3 Admission Withdrawal

The Senate Chairperson may grant permission to withdraw from a Programme after considering the circumstances faced by the student and the recommendations of the convener DUGC, concerned HOD and chairperson SUGC [Form: BP-03]. The students may also be permitted to exercise Exit Options as per Clause 3.4.

3.4.1 Entry and Exit Options

For the students who want to opt for multiple entry /exit option for the Programme, the rules are as follows:

(i) Students may be allowed to re-enter the Programme within five (5) years from the date of leaving the Institution. Total exclusive / effective study duration of the Programme shall be as per clause 9.2. However, under extraordinary situation, a suitable decision may be taken by the Chairperson, Senate.

(ii) As per NEP 2020, multiple exit stages with some kind of authorized exit certificates may be introduced by the senate.

4. CURRICULUM (B. Tech. Programme)

The details of six variants of Basic B. Tech. programmes offered by the Institute to the students are given below:

4 Year B.Tech. Programmes

S. No	Programme	Composition	Credit Distribution					Remarks
			Basic Degree	Minor	Honours	Research	Total	
1	B.Tech	B.Tech Regular	160-170	-	-	-	160-170	Course Structure in line with NEP 2020
2	B.Tech with Minor	B.Tech + Minor	160-170	16-24	-	-	176-194	Course Structure in line with NEP 2020 with multi - discipline learning and for additional skill-set
3	B.TechHonours	B.Tech + Honours	160-170	-	16-20	-	176-190	Basket of Honours Course Works in general to be independent of M.Tech Specialization but may also contain subjects of M.Tech
4	B.TechHonours and Minor	B.Tech + Honours + Minor	160-170	16-24	16-20	-	192-214	
5	B.TechwithResearch	B.Techwith Research	160-170	-	-	16-20	176-190	Basket of Research Course Works invariably to be from M.Tech Specialization
6	B.Techwith Research and Minor	B.Techwith Research + Minor	160-170	16-24	-	16-20	192-214	

Following five categories of courses are offered by various departments in B Tech Programme(s)

Course Category Nomenclature	Acronym
Professional competence enhancing course(s)	PCE
Core Engineering Foundation Course(s)	CEF
Core Engineering Supporting Course (s)	CES
Core Engineering Essentials Course(s)	CEE
Extra Academic Activity related courses	EEA

Note: The Committee considered the proposal of Chairman, SUGC, on the Mapping of First & Second Semester of B.Tech. programme (prior to Academic Session 2022-23) with First & Second Semester of B.Tech. programme w.e.f. Academic Session 2022-23, and it was resolved that the DUGC of the associated department(s) will establish the equivalence of each course for content and credits. In case of a difference in content, additional classes for covering the unmatched course content will be allocated to bring the equivalence.

5. REGISTRATION

The office of the Dean (Academic) coordinates the registration process with the assistance of the Departments. All students shall register in each semester for the courses to be pursued by them, as per the programme requirements, on the dates specified in the academic calendar. The details of the registration process are given below:

(i) The registration process involves payment of fees and clearance of outstanding dues (if any), and signing of the registration roll provided by the office of the Dean (Academic) for physical registration, without which the registration process will remain incomplete.

(ii) All students, including those on authorized leave, shall continue to register until they complete the programme. Students on authorized leave, shall be required to mandatorily register for zero credits.

(iii) The student registering for a particular semester (other than first semester) must fulfill the academic performance requirements specified in Section 7. Those students who after registering in the semester wish to avail leave for the period more than as admissible in the Ordinances may be advised for the semester leave as specified in Section 8.

(iv) The candidate admitted in the first year in any programme is required to submit documents of having passed the qualifying examination by the specified date to get her /his registration regularized.

(v) Students registering from V semester onwards have to fulfill the academic requirements as per clause 7.1.

The sole responsibility for Registration shall rest with the student concerned.

5.1 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.

5.2 Semester Load Requirements

A student shall register for theory and practical courses every semester as per the respective programme. Each course carries a weight in terms of credit units depending upon the nature of the course (theory / practical / theory & practical) which, in turn, is determined by the number of contact hours (lectures and tutorials), laboratory hours and additional hours that a student is expected to devote per week. Only approved courses shall be offered during a semester.

A student may opt a normal or slow pace of study depending upon her /his academic capacity. A student opting for slow pace shall have to intimate the same at the time of registration in the odd semester [Form: BP-04]

5.2.1 Normal Pace of Study

Normally a student shall be expected to study all the courses offered as per the normal curriculum of the programme every semester and shall try to complete the degree requirement in the stipulated time, as applicable.

5.2.2 Slow Pace of Study

In case, a student finds it difficult to cope up with the normal curriculum load of a semester, s/he may opt for a slow pace only after the completion of the second semester. Theopting-out of a desired course by a student will be approved by the Head of the concerned Department based on the recommendation of convener DUGC as per the requirements in the subsequent semester(s).

A slow pace of study shall allow the student to register for minimum two-thirds (2/3) of the normal semester academic load requirements.

5.3 Cancellation and Withdrawal of Registration

(i) **Cancellation of Registration:** Registration in a semester shall stand cancelled at any stage if the student fails to fulfill the laid down criteria for registration in that semester.

(ii) **Withdrawal of Registration:** The Dean (Academic) may grant permission to withdraw from a Programme (i.e., permanent exit from the programme) after considering the circumstances faced by the student and on the recommendations of the DUGC and SUGC.

5.4 Branch Sliding Rules

A student may be allowed for sliding of branch based on her/his academic performance in the first year, subjected to the guidelines framed by the Institute from time to time. Students whose branches are changed because of branch sliding will be required to earn additional credits viz. credits over and above the total credit requirement of the associated branch-specific programme for the left out courses, which the student will study to meet the academic requirements for completing the programme. The credits earned in the B. Tech. I and II Semesters in the branch-specific courses of previous branch viz. branch allotted in I year, will not be accounted for meeting the credit requirement of the branch, after sliding.

For example: The branch of a student who was admitted in B. Tech. I year in Chemical Engineering has been changed to B. Tech. ECE in III Semester because of branch sliding. Assuming that the B. Tech. ECE programme has total credits of 160, and there are 03 ECE branch specific courses in B. Tech. I year ECE with aggregate credits of 9, then the student will be required to complete these 03 ECE branch specific courses of B. Tech. I year ECE with aggregate credits of 9, as stipulated above. Thus, the student will be required to earn a total of 169 credits [160+9] by taking branch specific courses of B. Tech. I year [I and II Semester] of ECE, before becoming eligible for the award of B. Tech. Degree in ECE.

5.5 Registration for Minor Programme(s)

(i) A student may be allowed to register for Minor Programme(s) before the commencement of 3rd/4th semester if s/he fulfils the eligibility requirements for minor programmes at the time of registration as per the clause 7.2. [Form: BP-05]

(ii) A student can register for a maximum of two Minor credit courses for one or more than one Minors in a particular semester.

(iii) The student will apply for registration of Minor credit courses [Form: BP-06] by the notified last date of Minor registration.

(iv) The total number of seats for each Minor will normally be limited to 10% to 20% of the total sanctioned intake of the particular B.Tech. programme of respective department. However, the departments may increase the upper limit based upon their resources.

(v) The minimum number of students for running any Minor programme will be five (5).

5.6 Registration for B.Tech. Honours (with or without Minor)

The composition of the courses will be decided by the department. The department shall suggest a composition of three compulsory courses with remaining as electives

(i) A student may be allowed to register for Honourscredit courses from 5th semester onwards if s/he fulfils the eligibility requirements for Honourscourses at the time of registration. [Form: BP-07]

(ii) The student will apply for registration to Honours credit courses [Form: BP-08] by the notified last date of Honoursregistration.

14

(iii) The number of seats for each Honourscourse offered by a particular Department will normally be limited to 10% to 20% of the sanctioned intake of the B.Tech. programme offered by the respective Department. However, the departments may increase the upper limit based upon their resources.

(iv) The minimum number of students for running any Honours course will be five (5).

5.7 Registration for B.Tech. with Research (with or without Minor)

(i) A student may be allowed to register for Research credit courses from 5th semester onwards if s/he fulfils the eligibility requirements for Research programmes at the time of registration. [Form: BP-07]

(ii) The student will apply for registration of Research credit courses [Form: BP-08] by the notified last date of Research registration.

(iii) The number of seats for each Research programme offered by a particular Department will normally be limited to 10-20% of the sanctioned intake of the B.Tech. Programmesoffered by the respective Department. However, the departments may increase the upper limit based upon their resources.

(iv) The minimum number of students for running any Research programme will be five (5).

6. TEACHING AND EVALUATION

6.1 Teaching

(i) **Medium-** The medium of instructions shall be English/ Regional language (Hindi).

(ii) **List of Courses-** The list of courses for a specific B.Tech. Programme to be offered by a Department/ Interdisciplinary Programme is finalized before the beginning of the Semester and it will be notified by office of the Dean (Academic).

(iii) **Conduct of Courses-**The Course Coordinator conducts each course with the assistance of the required number of Faculty Members. The Course Coordinator is responsible for conducting the course, holding the Examinations, evaluating the performance of the students, awarding grades at the end of the Semester and at the end of the Grade Improvement Examination, and transmitting the grades to the office of the Dean (Academic) within the prescribed time limit with the assistance of Course Instructor(s).

(iv) **Teaching Assignments-**The Parent Department (coordinating Department) will appoint a coordinator for each course. For courses of interdisciplinary nature, the course coordinators and associated faculty members shall be decided mutually by the Heads of the concerned Departments.

The departments may also advise students to take online courses and / or MOOCs and / or courses offered by other Institution sunder MoU. The Head of the Department shall appoint coordinator(s) for advising and mentoring & compilation of results for students who have opted online courses and / or MOOCs and / or courses offered by other Institutions under MoU. Maximum 20% of the total credits in a base programme can be opted through online subjects to a maximum of 03 courses per semester.

Audit Courses:

A student may also opt for audit course(s)from any Department, which may enhance her / his academics.

A student may opt for maximum two audit courses in addition to the prescribed Academic Load requirement with the permission of the concerned DUGC at the beginning of a semester [Form: BP-09]. There will, however, be no obligation on the part of the Department to reschedule the time-table if any clash arises. Under this arrangement, the student is simply auditing the course and the grade awarded to her / him in that course(s) shall be mentioned in her /his Grade report, however, shall not be considered for SPI calculations. Audit courses can be dropped any time during the Semester but not later than two weeks prior to the end of classes.

6.1.1 Duration of Classes

Official time for classes is from 8:00 am to 6:00 pm. Students of a specific class must follow the timetable as notified by the respective Department. However, in case of academic requirement classes may also be held on weekends / holidays with prior notifications.

6.1.2 Extra Academic Activities

Extra Academic Activity classes will be held beyond the regular academic schedule and according to a notified time table as when decided by the Department / Dean (Academic).

6.1.3 Expert / Invited Lectures

Departments may conduct at least one Expert / Invited Lecture from an eminent professional for each offered course in the department for enriching knowledge and subject awareness of the students along with interaction of students with professionals. These lectures/ interactions will be compulsory for all the concerned students, and will be considered as an academic audit activity.

6.2 Evaluation

6.2.1 Evaluation Process

The evaluation of students in a Course shall be a continuous process and is based on their performances in the Examinations, Class tests, Quizzes / Short tests, Tutorials, Assignments, Laboratory work, Make-up Examinations (if applicable), Studios, etc.

The weightages of Examinations and regular assessment for awarding of Grades shall be as follows.

(i) **Theory Type of Courses:** This type of course includes either lecture (at least 2 hours) or / and tutorial classes.

Mid-Sem Exam	Assessment	End-Sem Exam
25% (90 minutes duration)	25%	50% (150 minutes duration)

Assessment marks shall be awarded on the basis of Attendance, Surprise Tests, Quizzes, Assignments, Tutorials, etc.

(ii) **Theory and Practical Type of Courses:** This type of course includes either lecture (at least 2 hours) or / and tutorial & practical classes.

Theory Part (70%)			Practical Part (30%)	
Mid-Sem Exam	Assessment	End-Sem Exam	Assessment	End-Sem Exam
20% (90 minutes duration)	10%	40% (150 minutes duration)	15%	15%

Assessment marks shall be awarded on the basis of Attendance, Assignments, Tutorials, Class tests, Quizzes / Short tests, day-to-day assessment of performance in all the Laboratory sessions as applicable.

(iii) **Practical Type of Courses:** This type of course includes either practical or one lecture & practical classes.

Assessment	End-Sem Exam
50%	50%

The End-Sem Exam marks shall be of equal weightage of practical examination and viva-voce.

Assessment marks shall be awarded on the basis of Attendance, Assignments, Quizzes / Short tests, day-to-day assessment of performance in all the Lab Sessions evaluated through daily preparedness for conducting experiments, participation in conduct of experiments, report writing & submission, etc.

(iv) **Project:** The project evaluation shall be carried out by the concerned Department. The modalities may be decided by the Department. However, the Department may consider the guidelines as follows.

The project evaluation shall be carried out by a **Project Allotment & Evaluation Committee (PAEC)** constituted by the Head of the Department. The department may also include experts from industry or CFTI as external member in PAEC.

The continuous assessment of the project work by the PAEC (except Assessment by project supervisor(s) component) will be as follows:

S. No	Assessment	Weightage	Semester Schedule
1	Problem definition / Synopsis / etc.	10%	During the 1st & 3rd week
2	Progress-I	20%	During the 4th & 6th week
3	Progress-II	20%	During the 7th to 9th week
4	Final Assessment (End-Sem Exam)	50%	End of Semester

Assessment by project supervisor(s) component will be 25% of total marks.

At the completion of a project, the student will submit a project report which will be evaluated by the Project allotment & evaluation committee during final assessment. The evaluation will be based on the report, presentation and a Viva-voce examination on the project. The similarity index of the project report shall be followed as per the existing institute guidelines in force.

6.2.2 Paper Setting

For each Theory Course, the Course Coordinator, appointed by the Head of the respective Department, shall normally set the paper in consultation with the associated Faculty Member(s), if required. Each question in the question paper should be mapped with the Course Outcome (CO) of the corresponding course.

6.2.3 Schedule of Examination

The Mid-Semester examination shall be of one hour and thirty minutes duration. The End-Semester and the Grade Improvement Examination shall be of two hours and thirty minutes duration. The schedule for practical examination shall be announced by the concerned Head of the Department. All the examinations including practical examinations shall be usually held during the periods / days specified in the academic calendar. The make-up examination shall be coordinated by the concerned Department as per the guidelines issued by the office of the Dean Academic.

6.2.4 Make-up Examination

Institute discourages the students for opting Make-up examination. If a student, for bonafide reasons, which are beyond the control such as illness, etc., fails to appear in the mid-semester examination in one or more course(s), s/he may make a request to the concerned course coordinator for consideration within seven days of the last scheduled examination. Such a request must be made on the prescribed form [Form: BP-10] available in the ordinances, giving reasons for the failure to appear along with documents in support of the given reason. The request for makeup test will be permitted by the Chairperson, SUGC.

If a student fails to appear or in submission of assignments, etc., it is entirely up to the course coordinator to decide whether or not to provide an opportunity for make-up examination. In case of a make-up test for mid-semester examination, the upper limit for awarding marks will be **70%** of the maximum marks (i.e., maximum 17.5 out of 25) irrespective of marks secured in the make-up examination.

6.2.5 Grade Improvement Examination

The Grade Improvement Examination will usually be held during a specified week of the subsequent semesters notified in the Academic Calendar of the Institute. Grade Improvement Examination shall be scheduled by the office of the Dean (Academic). The modalities of the Grade Improvement Examination shall be as follows:

(i) Only those students who were registered for the Courses during the regular Semester, and who failed or failed to appear in the end-semester examination and having satisfactory attendance are eligible for the Grade Improvement Examination.

(ii) The ACD students be allowed to appear in the Grade Improvement Examination with the combination of all the courses [Theory & Practical] with the prescribed examination fee [Form: BP-11] with the combination of F, X, ABS and, N to remove ACD. However, the maximum number of such courses will be five only. The academic performance requirements for the award of degree will remain unaltered.

(iii) Late registration for Grade Improvement Examination shall not be permitted; however, permission may be granted under special conditions after the approval of Dean (Academic).

(iv) The weightage of different components for the computation of Grades of the Course for which the student appears in the Grade Improvement Examination, shall be as follows:

a) *For Theory Courses:*

The weightage for the Grade Improvement Examination shall be 75%. The assessment marks (25%) shall be carried forward from the regular semester.

b) *For Practical Courses:*

The weightage for the Grade Improvement Examination shall be 50% based on equal weightage of practical examination and viva-voce. The assessment marks (50%) shall be carried forward from the regular semester.

c) *For Theory & Practical Courses:*

The weightage for the Grade Improvement Examination for theory part shall be 60% and the weightage for practical part shall be 15%. The assessment marks (10%) for theory part and the marks (15%) for practical part shall be carried forward from the regular semester.

6.2.6 For Online Courses and Courses Offered by Other Institutions Under MoU

For these courses, the evaluation process adopted by the respective agency / Institution shall be applicable as per Clause 6.3.2. The marks / grades obtained shall be tabulated on the tabulation portal/sheet by the coordinator of online courses after mapping in accordance with the Institute grading system. The mapping shall be done by the DUGC.

If a student fails to clear any examination of any of these courses, s/he shall be allowed to repeat the same course or a substitute course with an equivalent credit after the recommendation of DUGC.

6.3 Grading System
6.3.1 Grades and Grade Points

At the end of the end semester / Grade Improvement Examination, a student is awarded a letter grade in each of her /his courses by course coordinator considering her /his performance in the various examinations, quizzes, assignments, laboratory work (if any), etc., besides regularity of attendance in classes. The grades shall be submitted through online process along with duly signed print out of the grade sheet to the office of Dean (Academic) positively within the prescribed time limit after the end-semester / Grade Improvement Examination.

Same methodology shall be adopted for mapping the grades / marks earned by student opting online courses or courses offered by other Institutions under MoU.

The system of grading to be followed will be **Relative Grading System** for all courses including project work.

A student shall be awarded a letter grade in each course in which s/he is registered for, indicating her /his 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.

There are additional letter grades, viz., S, X and W which stand for satisfactory, unsatisfactory, and withheld temporarily, respectively.

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.

An ACD student shall be required to clear her/his X/N/F/ABS grade by appearing in the subsequent Grade Improvement Examination or summer semester as the case may be.

6.3.2 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 SUGC, on the basis on recommendation of DUGC shall decide on other matter pertaining to credits, duration, normalization of marks etc. of the online course.

6.3.3 Semester Performance Index (SPI)
The semester performance index (SPI) is a weighted average of the grade points earned by a student in all the courses credited, and describes her / his academic performance in a semester. If the grade points associated with the letter grades awarded to a student are $g_1, g_2, g_3, \ldots\ldots\ldots, g_m$ in m courses and the corresponding weights (or credits of the courses) are $w_1, w_2, w_3, \ldots\ldots\ldots, w_m$, then 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.

6.3.4 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, 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; however, both the grades appear on her /his grade report and transcript.

To convert the CPI into % of notional marks, the CPI may be multiplied by 10.

6.3.5 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.

6.3.6 Transcript
A transcript contains the record of the grades obtained in each and all courses, project and seminar registered by a student during his entire B. Tech. programme. It also includes the courses which have been repeated and / or replaced.

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

6.3.8 Marks Normalization for Multi-Group Courses
The Departments may evolve a suitable methodology to normalize the marks awarded in different groups being handled by different faculty members in a same batch for a particular course so as to remove statistical bias for more representative evaluation of the whole class.

7. ACADEMIC PERFORMANCE REQUIREMENT
7.1 ACademic Deficiency (ACD)
A student who does not fulfill any of the following conditions shall be categorized as "Academically Deficient (ACD)":
(i)   His / her SPI and CPI are equal to or greater than 4.0.
(ii) S/he does not have ABS or N or F or X grade in any registered course or academic activities of any B.Tech. Programme.

7.2 Minimum Performance Requirement for Respective Programmes
(i)   Generally, a student is desired to be promoted to the subsequent odd semester of the academic Programme without any ACD. However, if having ACD, s/he shall be allowed to register in subsequent Grade Improvement Examination/back paper /summer for clearing ACD related to her /his approved courses, fulfilling other terms & conditions of the Institute.
(ii) An ACD student can register in the subsequent semester of the academic programme irrespective of her / his academic performances.
(iii) An academically deficient student may be permitted to re-register for courses in which s/he has ABS or N or F or X grades, provided s/he fulfills all other requirements.
(iv) An academically deficient student may be permitted to register either in regular semester as back paper(s) or Grade Improvement Examination for the courses in which s/he has ABS or N or F or X grade.

Note: Students with more than 5 courses in ACD category are advised to register in their previous year, as applicable, so that their academic perseverance as protected.

However, the additional minimum performance requirements for respective B.Tech. Programmes are as follows:

(A) Basic B.Tech.

A student enrolled in Basic B. Tech. Programme is promoted to the subsequent higher semesters as per the above conditions. However, students should not have more than 20 credits in backlog courses to register for courses from the Vth semester onwards.

(B) B.Tech. and Minor Programme(s)

A student is allowed to register for B. Tech. Programme with Minor only if s/he fulfils the following conditions:

(i) It is mandatory for the student to clear all the courses in her / his first attempts in the I, II and III semesters, as applicable, with a minimum SPI / and CPI 6.5.

(ii) Allotment of the minor will be purely based on merit to be decided by the Department offering the Minor programme on the basis of SPI / CPI.

(iii) If a student's academic performance falls below the requirement mentioned in the point (7.2.B.i), then s/he has to clear the deficiency before opting another Minor course(s) in subsequent semesters.

(C) B.Tech. Honours (with or without Minor)

A student is allowed to register for B. Tech. Programme with Honours only if s/he fulfills the following conditions:

(i) Students who have cleared all the courses of first to fourth semester in their first attempts and have obtained a CPI not less than 8.0 are eligible to register for the Honours Programme.

(ii) Honours course(s) allotment will be based on merit to be decided by the respective Departments on the basis of CPI.

(iii) (iii)If a student's academic performance falls below the requirement mentioned in the point (7.2.C.i), then s/he has to clear the deficiency before opting for another Honours course(s) in subsequent semesters.

(D) B.Tech. with Research (with or without Minor)

A student is allowed to register for B. Tech. Programme with Research only if s/he fulfils the following conditions:

(i) Students who have cleared all the courses of first to fourth semester in their first attempts and have obtained a CPI not less than **7.5** are eligible to register for the Research Programme.

(ii) Research course(s) allotment will be based on merit to be decided by the respective Departments on the basis of CPI.

(iii) If a student's academic performance falls below the requirement mentioned in the point (7.2.D.i), then s/he has to clear the deficiency before opting for another Research course(s) in subsequent semesters.

7.3 Degradation of Programme

If a student of B. Tech. with Minor / B.Tech. Honours / B.Tech. with Research is Academically Deficient and is not able to remove his / her Academic Deficiency within one Academic Year (or within program duration in case of VII & VIII semesters) of acquiring the same, through relevant Grade Improvement Examination, then her / his Programme would immediately be degraded to the Basic B.Tech. Programme and her / his Minor / Honours / Research courses (if any) would be dropped immediately. The ACD students be allowed to register in 3/5/7 Semester without any year drop.

7.4 Termination of Programme

There may be termination of the B.Tech. Programme of a student on the ground of unsatisfactory Academic Performance. The Undergraduate Programme of a student may be terminated by the Senate if s/he is academically deficient and has not been able to remove her / his academic deficiencies for any year of B. Tech. Programme within total permissible duration of completing the B.Tech. Programme, as per normal / slow pace.

7.5   Appeal against Termination

A student whose Programme is terminated on account of inadequate academic performance or otherwise has the right to appeal to the Chairperson, Senate through DUGC and SUGC for reconsideration. While making the appeal against termination, s/he shall give reasons for her / his poor academic performance and / or to explain why her / his case merits reconsideration, in the prescribed format [Form: BP-11]. The Chairperson, Senate shall take a final decision after considering all the available inputs. However, the Chairperson, Senate shall not entertain any further appeal for review unless substantial additional information is brought to her / his notice. An appeal shall not be entertained more than twice from the same student.

8.   HOLIDAYS, VACATION, AND SEMESTER LEAVE

8.1   Holidays

Students shall be entitled for Institute holidays as notified in the Academic Calendar or by the competent authority.

8.2   Mid-Semester recess and Vacation

Students are entitled to avail mid-semester recess and vacation as specified in the academic calendar.

8.3   Medical Leave

Under serious / exceptional medical condition, accident, etc. (to be endorsed by the institute medical officer / Govt. Hospitals/ Specialized Hospitals), recommended by DUGC and approved by the concerned Head of the Department. The student may be allowed for Medical leave for maximum (cumulative) of 15 days in a given semester [Form BP-12].

For extraordinary situations, the application may be decided by DUGC on case to case basis.

All other academic requirements must be fulfilled by the student. In case the student requires Medical Leave longer than above-mentioned period, the student has to compulsorily go for Semester Leave / Semester Drop, as appropriate and accepted by DUGC and SUGC, and may be allowed to appear in Grade Improvement Examination (s) or / and Summer Semester appropriately to avoid Academic loss.

8.4   Semester Leave

For bonafide reasons and / or in exceptional circumstances, a student may be allowed to withdraw temporarily for a Semester with prior approval of Dean (Academic) on the recommendations of the SUGC. Such Semester leave(s) of absence shall not exceed two Semesters with or without a break during the entire period of the Academic Programme including Semester Leave. In any case, the total duration of the Programme shall not exceed the maximum permissible duration of six (6) years. The student shall submit an application (Form: BP-12) prior to the start of the semester or during the semester to the Head of the Department, which will be processed through DUGC. However, such student is required to register in the semester with zero credit. For any registered student, refund of registration fee shall not be allowed and his credit shall be treated as zero.

Further, a student can opt for semester leave for joining in any other institutions/ organizations under MoU and her / his credit transfer is possible.

8.5   Study Leave

A student wishing to pursue any approved academic activity in other institutions/ organizations may opt for study leave not more than 15 days in a semester of academic programme. The student shall submit an application [Form: BP-12] to the Head of the Department and will be approved by the Head on the recommendation of DUGC.

8.6   Extra-curricular Activity Leave

A student wishing to pursue any approved Extra-curricular Activity in other institutions/ organizations may opt for Extra-curricular Activity Leave not more than 15 days (under normal condition) in a semester of academic programme. Extra-curricular Activity Leave will be recommended by President Student Activity Centre (SAC) and approved by Chairperson, SUGC &reported to Department for compulsory consideration.

9. PROGRAMME REQUIREMENTS

9.1 Attendance Requirement

The Institute is of residential nature and therefore all the students are required to have full / maximum attendance for the courses. However, in order to meet eventualities, a relaxation of 25% attendance may be granted. The student shall not be allowed to appear in the end-semester examination of a course, if the attendance in that course falls below 75% and shall be accordingly awarded F grade.

However, as per Sec. 8, the student may be allowed an extraordinary attendance relaxation and student shall be responsible for fulfillment of all other academic requirements.

9.2 Minimum and Maximum Duration

For the students who want to complete the Programme in one stretch the minimum and maximum duration requirements for undergraduate Programme are as under:

- Minimum and Maximum duration for normal pace: Four years and or Six years, respectively.
- Minimum and maximum duration for slow pace: Four years and Seven years, respectively.

10. DEGREES

10.1 Award of Degree

A student who has completed all the Programme requirements specified in Sections 7-9, paid all dues to the Institute and the hostels, and has no case of indiscipline pending against her / him shall be recommended by the Senate to the Board of Governors (BOG) for the award of the appropriate degree in the ensuing convocation. The degree shall be awarded only after the BOG accords its approval. However, a student may be provided a provisional certificate of completion of the respective Programme by the Dean (Academic), till the convocation is held.

10.2 Withdrawal of the Degree

Under extremely exceptional circumstances, where any 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 degree already awarded.

11. SCHOLARSHIPS, PRIZES, AND MEDALS

The Senate shall determine the general policy regarding recommendations for the award of the different types of scholarships, Stipends, medals and prizes available to Institute students.

11.1 Scholarships

A number of merit-cum-means scholarships, endowment scholarships / fellowships etc. are granted by the government, the Institute, NGOs & other bodies, and individuals. These scholarships shall be awarded according to the guidelines for eligibility and durations specified by the funding agency. In case of sponsored scholarship instituted by individuals/ societies the scholarship shall be established with approval of the Chairperson, Senate.

These scholarships shall be liable to be withdrawn, partially or fully, in case of misconduct, deliberate concealment of material, facts and/ or giving false information.

A student leaving the Institute on her /his own accord without completing the Programme of study may be required to refund the amount of scholarship, etc. received during the academic session in which s/he leaves the Institute. For more information on the scholarships, refer to the webpage of the Student Welfare Office.

11.2 Prizes and Medals

To promote and recognize academic excellence, constructive leadership and overall growth and development of students, the Department may award a number of prizes and medals, established by the Institute on its own or through endowments / grants made by donors, with the approval of the Chairperson, Senate. For more information on the prizes and medal, refer to the webpage of the Student Welfare Office.

12. CONDUCT AND DISCIPLINE

12.1 Code of Conduct

Each student shall conduct herself / himself in a manner befitting her /his association with the Institute. S/he is expected not to indulge in any activity, which is likely to bring down the prestige of the Institute. S/he shall also show due respect and courtesy to the faculty members, officers and employees of the Institute, and good neighborly behavior to fellow students. Due attention and courtesy are to 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), willful 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 behaviour, harassment of any faculty member or staff or student, and similar other undesirable activities shall constitute violation of the code of conduct for students.

12.2 Ragging

Ragging in any form is strictly prohibited and considered a serious criminal offence and violation of the code of conduct. Involvement of a student/ students in ragging may lead to her/ his /their expulsion from the Institute. All the senior students would be required to submit an undertaking every year / semester in this regard during the time of enrolment. The Anti- Ragging Committee of the institute would monitor / address the complaints related to ragging and depending upon the nature and gravity of the offence as established by the Anti-Ragging Committee, the possible punishments for those found guilty would be decided.

12.3 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 and / or placement services, withholding of grades and / or degrees, debarring / cancellation of registration, and expulsion from the hostel and / or the Institute.

For indiscipline of a student in a class, the course instructor may

(i)   debar her / his from attending a few subsequent classes for which s/he shall not be liable to get relaxation in attendance / favourable consideration in mercy appeal, and

(ii) report the matter to Dean (Student Welfare) through proctorial board for necessary disciplinary action.

12.3.1 Proctorial Board

Rules and regulation framed by the Institute, to be followed in order to maintain the cordial atmosphere in the campus (among the students, faculty members and non-teaching staff) which are monitored by Proctorial Board, hereinafter, referred to as PB. The PB headed by the Chief Proctor (disciplinary authority of the Institute) helps students from any difficulty and to see that the disciplinary rules are followed properly.

12.4 Various Cells

In addition to the details mentioned in the previous sections pertaining to the matters of conduct and discipline, the students can approach the following cells for the redressal of their grievances related to various issues:

(a) **Grievance Cell**: For the redressal of the grievances of faculty, staff and students.

(b) **SC / ST Cell**: To resolve all the affairs / problems related to the SC / ST Officers, Employees and Students of the Institute.

24

(c) **Equal Opportunity Cell (EOC):** To ensure equity, equal opportunity and social inclusion of the community at large.

(d) **Internal Complaint Committee:** to address the complaints related to sexual discrimination / harassment of women.

12.5 Unfair Means (UFM)

Unfair means shall comprise of followings.

(i) Copying from the papers / mobile electronic equipment, or materials in the possession of the student.

(ii) Copying from the answer book of neighboring students

(iii) Possession of the relevant material

(iv) Disturbing the smooth conduct of Examination

(v) Misbehaviour with the invigilator

(vi) Any other undesirable act.

Unfair means Committee shall consist of:

(i) Dean (Academic)

(ii) Dean (Student Welfare)

(iii) Chief Proctor

(iv) Concerned Head of Department/Cell

(v) Senate Nominee

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

(a) Any use of UFM detected by course instructor / invigilators / members of observer committee shall be reported to Dean (Academic), Head of the concerned Department and course instructor in the prescribed format [Form: BP-13], on the same day.

(b) After the student is caught using UFM her /his answer books along with the question paper and material used in UFM shall be kept in a separate envelope and the student shall be issued a fresh answer book and question paper on which s/he may continue for the remaining period of examination.

(c) Head of the Department shall issue a show cause notice to the student seeking her / his clarification on the charges; within one day of reporting of the case. The clarification of the student shall be obtained within two days and the same shall be given to course Instructor for getting her / his comments.

(d) The course instructor shall examine the contents of the material used for UFM and verify, if the same is relevant to the subject and up to what extent the material has been used in answering the questions attempted in the answer book.

(e) The course instructor shall present the case to the unfair means committee.

(f) Unfair means committee shall meet soon after six days of the completion of semester examination. The committee shall give opportunity to the student concerned for explanation and recommend the award of punishment. The recommendation of the punishment may be made on the basis of following:

    (i) Copying from the papers / mobile electronic equipment / materials in the possession of the student (cancellation of that day's examination or of examination of the current session).

    (ii) If the student has misbehaved with invigilator, the matter may be referred to the proctorial board for suitable recommendation.

    (iii) Copying from the answer book of neighbouring student (cancellation of the subject examination).

1. If the decision is not taken by the date of grade entry the grades entered will be 'W' and the result of such student shall not be declared along with other students.

2. The recommendations of the unfair means committee will be implemented after getting the approval of the Chairperson, Senate / Director.

3. A student who feels aggrieved with the punishment awarded, may, however, appeal to the Chairperson, Senate stating clearly the case and explaining her / his position, seeking reconsideration of the decision.

13. 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 Bachelors' Degree Programmes.

Motilal Nehru National Institute of Technology Allahabad
FEED BACK FORM FOR THEORY COURSES
(To be filled by students registered in the course)

The objective of this form is to obtain feedback from the students so that the course can be improved further.

Course Number & Course Title: Semester/Session & Year:

Course Instructor's Name: Department:

Your own performance in the course so far (please circle one):   Top 25% / Next 25% / Below 50%

(mark ' X' in the appropriate box)

	Course Organisation	Range	5	4	3	2	1	Range
1.	Objectives and plan of the course were specified	Very clearly						very poorly
2.	Coverage and depth of course plan was	Excellent						very poor
3.	The topics provided new knowledge	Mostly						Hardly
4.	Prescribed reading material was available	Mostly						Hardly
	Presentation and Interaction	Range	5	4	3	2	1	Range
1.	In terms of organization, clarity and presentation of fundamental concepts, the lectures were	Excellent						Poor
2.	Instructor's oral presentation in terms of audibility and articulation was	Excellent						Poor
3.	Instructor's blackboard (or overhead) presentation in terms of organization and legibility was	Excellent						Poor
4.	Encouragement given by the instructor to think and reason, logically and objectively was	Excellent						Poor
5.	Instructor's responses to questions asked in class were	Clear						Vague
6.	The availability and approachability of the Instructor outside class hours were	Excellent						Poor
7.	Instructor's attitude towards teaching of this course was	Enthusiastic						Indifferent
8.	The overall quality of teaching in this course was	Outstanding						Poor

contd.

BP-01 (i)

	Examinations / Tests	Range	5	4	3	2	1	Range
1.	The tests reflected the course plan	Very closely						Poorly
2.	Rather than rote learning, understanding was tested	Thoroughly						Hardly
3.	Examinations were of appropriate level/length	Always						Rarely
4.	Answer scripts were promptly checked and returned	Always						Rarely
5.	The evaluation was fair and transparent	Mostly						Rarely
6.	The evaluations helped in understanding the subject better	Always						Rarely
	OVERALL RATING : Excellent							Poor

General Comments:

- In addition to the class hours, how many hours per week did you put in for this course?

- The work load in this course in comparison to other courses of this Semester was:
  very little / just right / too heavy
- In relation to the general level of understanding of the class, the level of lectures was:
  too low / just right / too high
  - Were the lectures held regularly and on time?

- If the course had a self study component (such as assignment, seminars, small projects and literature survey) comment on how it helped /inspired you to learn/probe further.

- What did you like / dislike most about this course?

- Would you rate this course as one *of the five best courses* you have had so far?   *Yes / No*

  If you have any other comments not covered by this questionnaire, please write below:

  If there is any Instructor designed feedback question, please write the response below:

28

Motilal Nehru National Institute of Technology Allahabad
FEED BACK FORM FOR PRACTICAL-COURSES

The objective of this form is to obtain feedback from the students so that the practical sessions can be further improved.

Course Number & Course Title: Semester/Session & Year:.

Course Instructor's Name: Department:

Your own performance in the course so far (please circle one):   Top 25% / Next 25% / Below 50%

(mark ' X ' in the appropriate box)

	Presentation and Interaction	Range	5	4	3	2	1	Range
1.	The Experiments provided new insights	Always						Rarely
2.	Methodical and systematic work was emphasized	Always						Rarely
3.	Handouts/laboratory manuals were available in advance	Always						Never
4.	Your preparation before going to laboratory was	Excellent						Poor
5.	Instructor's feedback on your report was prompt	Often						Rarely
6.	Instructor's feedback on your report was useful	Often						Rarely
7.	During the practical sessions, your interaction with the instructor was useful	Often						Rarely
8.	Availability and approachability of the Instructor outside class hours was (respond, if applicable)	Excellent						Poor
9.	Encouragement given by the Instructor to think and be creative was	Excellent						Poor
	OVERALL RATING : Excellent							Poor

Additional Comments:

If you have any other comments not covered by this questionnaire, please write below:

If there is any Instructor designed feedback question, please write the response below:

Motilal Nehru National Institute of Technology Allahabad
FORM FOR ADMISSION WITHDRWAL FROM PROGRAMME

Name of the student   :

Registration No.   :

Branch   :

Session and Semester   :

Year of Joining   :

Email ID (in block CAPS):

Reasons for withdrawal :

Any Supporting Documents:

Signature of the Student (with Date)

Remarks of Convener, DUGC   :

Recommendation of the HOD   :

Remarks of Chairperson, SUGC   :
Approval of the Chairperson, Senate :

30

Motilal Nehru National Institute of Technology Allahabad
FORM FOR INTIMATION OF SLOW PACE OF STUDY

Name of the student   :

Registration No.   :

Branch   :

Current Session and Semester   :

Email ID (in block letters)   :

Reasons for opting for the slow pace of study (Attached separate sheet if required):

Courses student have registered for the current semester:

Sl. No.	Course Code	Course Name	Credit
1			
2			
3			
4			
5			
6			
7			
8			

Course student would like to opt-out:

Sl. No.	Course Code	Course Name	Credit
1			
2			

Signature of the Student with date :

Remarks of Convenor (DUGC) :

Approval of HoD*   :

*Approved copy to be submitted to office of Dean, Academic for record and necessary action.

Motilal Nehru National Institute of Technology Allahabad
FORM FOR REGISTRATION OF MINOR PROGRAMME(S)

Name of the student   :

Registration No.   :

Branch   :

Current Session and Semester   :

Has the student cleared all the courses (Sem. I-II) in the first attempt :   Yes/ No

Current SPI and CPI   :

Number of Minor Programme(s), the student would like to apply (maximum allotment-**two**): one   / two

Preferences of Minor Programme-1:

SI. No.	Minor Discipline	Department
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Preferences of Minor Programme-2:

SI. No.	Minor Discipline	Department
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Signature of the Student with date :

Remarks of Convenor (DUGC)   :
    (Parent Department)

Recommendation of HoD   :
    (Parent Department)

To be forwarded to office of the Dean, Academic for necessary action and record

32

Motilal Nehru National Institute of Technology Allahabad
FORM FOR REGISTRATION OF MINOR CREDIT COURSES
(To be submitted separately for each Minor Programme(s))

Name of the student   :

Registration No.   :

Branch   :

Current Session and Semester   :

Current SPI and CPI   :

Preferences of Minor Credit Courses:

Sl. No.	Course Code	Course Name	Department	Credit
1				
2				
3				
4				
5				
6				
7				
8				

Signature of the Student with date :

Remarks of Convenor (DUGC)   :
   (Parent Department)

Recommendation of HoD   :
   (Parent Department)

Remarks of Convenor (DUGC)   :
   (Target Department)

Approved by HOD*   :
(Target department)

*Approved copy to be submitted to office of Dean, Academic for record and necessary action.

Motilal Nehru National Institute of Technology Allahabad
FORM FOR REGISTRATION OF HONOURS/RESEARCH PROGRAMME

Name of the student   :

Registration No.   :

Branch   :

Current Session and Semester   :

Has the student cleared all the courses (Sem. I-IV) in the first attempt :   Yes   / No

Current CPI   :

Whether the student like to apply for Honours or Research or both:

(A student shall be allowed to register with only one of the above programmes as per the criteria mentioned in clause 5.6, 5.7 & 7.2)

Preferences for Honours/ Research Programme:

Sl. No.	Honours/ Research with discipline
1	
2	
3	
4	
5	
6	

Signature of the Student with date :

Remarks of Convenor (DUGC)   :

Approval of HOD   :

*Approved copy to be submitted to office of Dean, Academic for record and necessary action.

Motilal Nehru National Institute of Technology Allahabad
FORM FOR REGISTRATION OF HONOURS/RESEARCH CREDIT COURSES

Name of the student   :

Registration No.   :

Branch   :

Current Session and Semester :

Current CPI   :

Honour / Research Credit Courses: (Strikeout whichever is not applicable)

Sl. No.	Course Code	Course Name	Department	Credit
1				
2				
3				
4				
5				
6				
7				
8				

Signature of the Student with date :

Remarks of Convenor (DUGC)   :

Approval of HOD*   :

*Approved copy to be submitted to office of Dean, Academic for record and necessary action.

Motilal Nehru National Institute of Technology Allahabad
FORM FOR REGISTRATION TO AUDIT COURSES

Name of the student   :

Registration No.   :

Branch   :

Current Session and Semester   :

Audit Course(s):

Sl. No.	Course Code	Course Name	Department	Credit	Approval of the course coordinator
1					
2					

Signature of the Student with date :

Remarks of Convenor (DUGC) :
    (Parent Department)

Approval of HOD*   :
    (Parent Department)

*Approved copy to be submitted to office of Dean, Academic for record and necessary action.

Motilal Nehru National Institute of Technology Allahabad
FORM FOR MAKE-UP EXAMINATION
(To be submitted within seven days of the last scheduled examination)

Name of the student   :

Registration No.   :

Branch   :

Current Session and Semester   :

Courses   **for**   **make-up**   **Examination**

Sl. No.	Course Code	Course Name	Department	Approval of the course coordinator(s)
1				
2				
3				
4				
5				

Reasons for the failure to appear in the mid-semester examination with supporting documents:

Signature of the Student with Date:

Remarks of Convenor (DUGC)   :

Recommendation of HoD   :

Approval of Chairperson SUGC   :   **Approved / Not-approved**

Motilal Nehru National Institute of Technology Allahabad

COURSE REGISTRATION FORM FOR BACK PAPER/ GRADE IMPROVEMENT EXAMINATION

(In triplicate: A copy each for Dean (Academic) / Department / Student)

Name of the student   :

Registration No.   :

Branch   :

Session and Semester :

Applied for (Tick):   Back Paper / Grade Improvement Examination

Sl. No.	Course Code	Course Name	Credit
1			
2			
3			
4			
5			

Signature of the Student with Date:

Remarks of Convenor (DUGC)   :

Recommendation of HoD   :

Approval of Chairperson SUGC   :   **Approved / Not-approved**

Motilal Nehru National Institute of Technology Allahabad
FORM FOR APPEAL AGAINST TERMINATION

Name of the student   :

Registration No.   :

Branch   :

CPI   :

Reason for Termination   :

State the valid reasons for the appeal against termination with supporting documents:

Signature of the Student with Date:

Remarks of Convenor (DUGC)   :

Recommendation of HoD   :

Remarks of Chairperson, SUGC   :

Approval of the Chairperson, Senate   : Approved / Not-approved

Motilal Nehru National Institute of Technology Allahabad
Medical/ Semester/Study Leave Application

Name of the Student :

Registration No. :

Programme / Branch /Semester :

Type of Leave Applied for :

Reason for Leave :

Duration for which leave is required :

Supporting Documents Attached :

Signature of the Student with Date:

Remarks of Convenor (DUGC) :

Recommendation of HoD :

Signature of the Approving Authority* : **Approved / Not approved**

*Approving Authority for Medical leave and Semester Leave is Chairperson SUGC; Approving Authority for Study Leave is HOD;

*Approved copy to be submitted to office of Dean, Academic for record and necessary action.

40

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 along with the case(s)

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

1. Name of Examination   :

2. Name of student   :

3. Registration No.   :

4. Programme/Branch   :

5. Room No.   :

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

Subject	Subject Code

7. Date & time of incident   :

8. Type of Unfair Means Material. :

(I) Copying from the answer book of

neighboring student.

(ii) 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
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.:

42

(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.

(D)   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.

ORDINANCES FOR MASTERS' PROGRAMMES

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद

Motilal Nehru National Institute of Technology Allahabad

प्रयागराज/Prayagraj-211004

Ordinances for Masters' Programmes

Approved by the Board of Governors in its Sixty-third (63rd) meeting held on November 27, 2020 vide Resolution No. 63.05

Motilal Nehru National Institute of Technology Allahabad Prayagraj, India

Table of Contents

Preamble

The provisions contained in these ordinances govern the policies and procedures for the admission of students, imparting instructions of courses, conduct of examinations, and evaluation and certification of student's performance.

These ordinances shall supersede all the 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 years, shall be governed by the ordinances prevalent at the time of their admission.

Nomenclature

ACD	ACademic Deficiency
AS	Academic Session
MP	M.Tech. Programme
BoAc	Board of Academics
BoG	Board of Governors
BoS	Board of Studies
M.Tech.	Master of Technology
MBA	Master of Business Administration
MCA	Master of Computer Application
M.Sc.	Master of Science
MSW	Master of Social Work
CPI	Cumulative Performance Index
DASA	Direct Admission of Students Abroad
DMPC	Department Masters' Programme Committee
DMSC	Department Masters' Selection Committee
g	grade points associated with the letter grades awarded to a student
GoI	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
SMPC	Senate Masters' Programme Committee
SPI	Semester Performance Index
SUGC	Senate Under Graduate Committee
UFM	Unfair Means
w	weight or credit of the course

2

1. INTRODUCTION

The objectives of the Masters' Programmes at the Motilal Nehru National Institute of Technology Allahabad are:

- To develop the scientific, engineering and managerial human resource of the highest quality to cater to the needs of the society.
- To be a leading R & D institution.
- To be a role model for other educational institutions in the country.
- To provide a broad grasp of the fundamental principles of sciences, management, and technological methods through its curriculum,
- To provide a deep understanding of the area of specialization.
- To provide and create an innovative ability to solve new problems.
- To provide a capacity to learn continually and interact with multidisciplinary groups.
- To develop the students with a capacity for free and objective enquiry, courage and integrity, and awareness and sensitivity to the needs and aspirations of society.

With these goals in view, the Masters' Programmes are designed to include courses of study, including theory, practical, seminars, project, industry internship, thesis and any other course deemed fit through which a student may develop his /her conceptual, analytical, and intellectual skills.

The procedures and requirements stated in the ordinance embody the philosophy of the Masters Programmes and ensure a high standard of performance at the Institute.

1.1 Masters' Programmes

The Institute offers following Masters' Programmes through different departments:

1. Master of Technology (M.Tech.)

2. Master of Business Administration (MBA)

3. Master of Computer Application (MCA)

4. Master of Science (M.Sc.)

5. Master of Social Works (MSW)

and any other Masters' Programme as approved by the Senate from time to time.

1.2 Senate Masters' Programme Committee (SMPC)

The Senate Masters' Programme Committee (SMPC) shall consist of Conveners of Department Master's Programme Committee (DMPC) of each of the Academic Departments /Cells /Centers / Schools, hereafter referred to as Department, and six additional members of whom one shall be the outgoing Chairperson (SMPC), the Chairperson SDPC (if not otherwise a member), two Senate nominees from amongst the senate members, and two Masters' students (one male and one female), preferably one from M.Tech. Programmes and one from other Masters' Programmes. The student members shall be nominated by the Dean (Academic). Two Senate nominees and Chairperson SMPC shall be nominated by the Senate /Chairperson Senate from amongst the members of the Senate. The tenure of the Chairperson SMPC and of the Senate members shall be normally of two years. The SMPC shall meet at least twice in every Semester.

The Senate Masters' Programme Committee (SMPC) shall have jurisdiction in making suitable recommendations on the following matters concerning the Masters' Programme of the Institute:

- *Introduction of new Programmes of study.*
- *Modification of eligibility criteria for admission to PG Programmes of the Institute.*
- *Introduction of new Course(s) of instruction, Desirable modification/ deletion of Courses already approved.*
- *Modification of the credit value of Courses.*
- *Modification of the Rules governing the conduct of oral and written Examinations, Award of Degrees.*
- *All such functions, as mentioned in the ordinance.*
- *Any other matter as may be referred to it by the Senate.*

The functions of the SMPC 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 various Academic Departments. This Committee shall be assisted by the Department Masters' Programme Committees (DMPCs).

1.3 Department Masters' Programme Committee (DMPC)

Each Department shall have a Department Masters' Programme Committee (DMPC) consisting of the Head of the Department as ex-officio Chairperson, the Convener DUGC /DDPC, and 3 to 5 Faculty Members to be chosen from the Department, one professor from another Department and two departmental Masters' Programme students. One of the faculty members shall be nominated by the Head as convener DMPC. The student members shall be nominated for a period of one year by rotation. The Faculty Members from the department shall comprise of at least one Professor, one Associate Professor, and one Assistant Professor.

The DMPC shall be proposed by the Head of the Department. Officer In-charge of each specialization shall be decided by the DMPC for smooth running of different programmes offered by the specific 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 are being considered, although the students' opinion might be sought prior to taking any decision. The proposed DMPC shall be approved by the Chairperson SMPC.

The DMPC shall be responsible for the following:

i. To address the issues of the students and advising them in academic matters.

ii. To monitor the standard and quality of the overall programme.

iii. Proposing and implementing new courses and desirable modification of courses already approved.

iv. The recommendations of BoAc will be considered in DMPC and SMPC and submitted to Senate for approval.

The Chairperson DMPC shall hold 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 implementing the decisions taken on academic matters by the Senate and the SMPC. The office of the Dean (Academic) shall:

(i) receive, process, and maintain all records related to the Masters' Programmes including Admission, Registration, Curricula, Courses offered, Examinations, Grades and Award of Degrees, Medals/Prizes, Academic Calendar, Semester leave, and Termination

(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/ Centers and SMPC. The Masters' Programmes Section of the office of Dean (Academic) shall assist the SMPC 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 recommendations of BoAc will be considered in DMPC and SMPC, and submitted to Senate for approval.

2. ACADEMIC SESSION (AS)

The Academic Session of the Institute shall be divided into two Regular Semesters, termed as Odd and Even Semesters. The Odd Semester shall normally commence from mid-July, and the Even Semester from the last week of December (or the first week of January) every year. The duration of each regular Semester (Odd and Even) shall be normally seventy days /fourteen weeks for the purpose of instructions.

2.1 Academic Calendar

The exact dates of all the important events, such as, registration, orientation, late registration, commencement of classes, declaration of the list of registered students, shortage of attendance, examinations, submission of grades, vacation, mid-semester break, official student activities during the Academic Session shall

be specified in the Academic Calendar of the Institute. The Dean (Academic) will notify the Academic Calendar of each Semester after approval of the Senate. Any modification /change in the academic calendar due to an emergent situation shall be proposed by the Dean (Academic), approved by the Chairperson, Senate, and reported to Senate for ratification.

3. ADMISSION

3.1 Admission Calendar

Admission shall normally be made in the odd Semester. However, the Senate may decide to admit students in the Even Semester also in case of vacant seats (if any).

3.2 Department Masters' Selection Committee (DMSC)

The DMSC shall be constituted every year in the month of April for admissions to Masters' Programmes for the forthcoming Session. The DMSC shall consist of at least four faculty members, comprising at least two professors, one of whom shall be from another Department. The head of the department shall be Chairperson DMSC (ex officio). The constitution of the Selection Committee shall be proposed by the Head of the Department and approved by Chairperson SMPC.

3.3 Eligibility for Admission

i. The eligibility conditions given below shall be considered to be the absolute minimum. Departments shall reserve the right to prescribe any requirements over and above these, subject to the approval of the Chairperson Senate.

ii. 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 the qualifying examination (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). For SC/ST candidate's eligibility in specified minimum marks /CPI shall be relaxed as per the Government of India norms.

Eligibility of candidates under ICCR scheme of GoI will be verified by Department Masters' Selection Committee (DMSC) on the basis of eligibility criteria set up for regular Master's programmes. However, GATE/NET/JAM/CUCET etc. qualification will not be applicable for these candidates, but they must have valid GRE Score.

iii. Reservation in the Programme shall be done as per the government of India Rules.

3.3.1 Master of Technology (M.Tech.)

Bachelor's degree with minor / honours or equivalent in the appropriate branch of Engineering /Technology OR Master Degree in the appropriate discipline of Science.

3.3.2 Master of Business Administration (MBA)

Bachelor's degree or equivalent of a minimum three years duration in any discipline.

3.3.3 Master of Computer Application (MCA)

Bachelor's degree of minimum three years duration in Science with Mathematics as one of the main subjects.

3.3.4 Master of Science (M.Sc.)

Bachelor's degree of Science (in respective discipline) /Computer Science /Engineering/ Technology (as per the eligibility conditions decided by respective department).

3.3.5 Master of Social Works (MSW)

Bachelor's degree in any discipline with minimum of three years duration.

3.4 Categories of Masters' Students/Programmes

Followings are different categories of Master's programme

3.4.1 Full-Time Students

Full-time students are further classified as full-time stipendiary, full-time non-stipendiary and full-time sponsored.

3.4.1.1 Full-Time Stipendiary

This category of Masters' students shall be eligible for financial assistance in the form of stipend/fellowship at the approved rates and guidelines as notified by GoI from time to time. The stipend/fellowship shall be awarded to the students of this category on a Semester–to-Semester basis on the recommendation of the Head of the Department. The renewal of the stipend is dependent on the

satisfactory academic performance of the student and attendance record.

3.4.1.2 Full-Time Non-Stipendiary

These students do not receive any financial assistance from the Institute.

3.4.1.3 Full-Time Sponsored

Full-Time sponsored Masters' programmes students are those who receive financial support from AICTE under QIP scheme OR from Government /Semi-Government organizations /institutions, OR Research and Development organizations of national repute, OR companies listed with any of the national stock exchanges OR AICTE recognized educational Institutions having presence since last 25 years, under study leave. Such a candidate must be sponsored by his/her employer and must have been in employment with the sponsoring organization for at least two years at the time of admission date as on the last date of application. Candidates in service are to be releaved on authorized leave from the organization for full-time research work at the Institute and must furnish proof of sponsorship along with No-objection certificate from the employer.

3.4.2 Part-Time Students

These students are admitted for the Master's programmes which are being offered on part-time basis. A Part-time candidate must have been in full time service for at least two years after completion of qualifying degree as on the last date of the application for admission. The part-time classes shall be held in the evening on working days and/or on weekends. The semester load requirements for course workshall be about half of the full time course. The minimum duration of such course shall be of three years and maximum duration of the course shall be of five years. These courses are for the professionals working in Allahabad district and adjoining districts in Government/Semi-Government Organizations/institutions, or Research and Development organizations of national repute, or companies listed with any of the national exchanges or AICTE recognized educational Institutions having presencesince last 25 years.

This programme is a self-financed programme and minimum number of candidates required to run this programme shall be decided on cost basis by the School of Non Formal and Continuing Education (SNFCE). This shall be notified at the time of admission process.

3.4.3 Conversion from M.Tech. (Full-time) to M.Tech. (Part-Time)

A full-time M.Tech. student, who has completed course work and is registered in III semester, may convert M.Tech. (Full-time) into M.Tech. (Part-Time), if he /she has got a job/any genuine reason. For conversion, the student shall fill out form MP-01 through the supervisor and DMPC. On approval of the Chairperson SMPC, his /her full-time programme may change into part-time programme. The candidate will be required to produce a certificate [self /organization] regarding engagement during the part time registration period.

3.4.4 Foreign Students

The eligibility of Foreign students shall be verified by DMSC as per Section 3.3 and other relevant sections. In addition, the candidate must have a valid GRE score in Place of GATE/NET.

3.4.4.1 Sponsored Foreign students.

Foreign students shall be sponsored by their Government or employer or awarded a scholarship by the Government of India, the Indian Council for Culture Relations (ICCR) GoI, or other such Agencies /organizations.

3.4.4.2 Self-financed Foreign students

These students may apply to the Institute through DASA /Ministry of External Affairs. Detailed guidelines satisfying the condition given in this Ordinances for admission of foreign students shall be proposed by Dean (Academic) and approved by the chairperson Senate/Senate.

3.5. Admission Procedure

1. All admissions except those which are made through Centralized Counseling Process including full-time MCA, full-time M.Tech. stipendiary and M.Sc. shall be made only after approval of the Chairperson Senate on the recommendations of the duly constituted Department Masters' Selection Committee (DMSC) and Chairperson SMPC.

2. Reservation for various categories shall be applicable as per Government of India Rules.

3. On approval by the Chairperson Senate, the Head of the Department shall issue the admission letter to the candidates, by Institute admission process (not for the candidates who are admitted through Centralized Counseling). The

candidate shall be required to accept the offer of admission by depositing the prescribed fee before the specified date.

4. In case a candidate does not accept the offer by 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.

5. The offer of admission shall also stand withdrawn if the candidate fails to register by the last date of physical registration after accepting the offer of admission.

6. 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 proof 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 through Head of the Department and Dean Academic.

7. Admission through the Indian Council of Cultural Relations (ICCR), Direct Admission of Students Abroad (DASA) and Ministry of External Affairs (MEA) shall beas per rules of respective scheme. Eligibility of the candidates shall be verified by DMSC.

3.5.1 Admission of Non-Degree Students

1. A non-degree student is a student who is registered for a Degree in any other recognized Institute or University in India or abroad, and 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. Credits earned by such student (if any) may be transferred to the parent Institute, if required.

2. The strength of non-degree students in any programme shall not be more than 10% of the total intake in that programme. The fee for course work and for Infrastructure and Experimental work shall be decided by the School for Non-Formal and Continuing Education (SNFCE).

3. Students so admitted will be governed by all the Rules, regulations and discipline of the Institute.

3.5.2 Admission of Part-Time Students

Admission shall be done by DMSC on the basis of screening considering candidate's experience, employment record and employee's recommendation followed by interview. Their eligibility for admission shall be as per Clause 3.3 and other academic requirements for completing the degree shall remain same as that for full time students. The detailed procedure shall be proposed as per ordinances by Dean (Academic).

3.5.3 Cancellation of Admission

The Dean (Academic) with approval of the Senate/Chairperson Senate may cancel the admission of any student who fails to submit the prescribed documents by the specified date or fails 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 relevant information while seeking admission.

The Senate may resolve appropriate amendments in curriculum according the guidelines of National Education Policy 2020.

4. REGISTRATION

The office of the Dean (Academic) shall coordinate the registration process with the assistance of the Conveners of DMPC and departments. A student shall register in each Semester for the Courses/Projects /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, and signing the registration roll available at the department/ office of Dean (Academic) (as provided by Dean (Academic) office) for physical registration without which registration process shall remain incomplete.

2. All the students including those who are on authorized leave shall continue to register till they complete all the requirements of the programme. Those students who are on authorized /admissible academic leave shall be required to register through online process for zero credits.

3. Those students who, after registering for the Semester, desire to avail leave for days more than as permissible in the Ordinance must be advised for Semester leave.

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

4.1 Late Registration

No registration shall be allowed after the notified last date of registration during thesemester except in special cases with the permission of the Dean (Academic) / Chairperson, Senate.

4.2 Academic Advising

A student shall be advised in the selection of courses by the DMPC of the concerned Department. A student registering for thesis credits must have a thesis supervisor assigned to him /her. The request for repeat or substitution of a course must be given in writing duly endorsed by the DMPC, to the Dean (Academic) at the time of registration.

4.3 Semester Load Requirements

A semester load shall be minimum 20 credits for full-time and 8-12 credits for part-time Masters' students.

5. LEAVE RULES

Full-time students may be granted leave on submission of application to the Head of the Department concerned through the Supervisor (if allotted) and Convener DMPC. Application in the prescribed format (Form: MP-02) must be submitted well in advance of the date of commencement of the leave requested.

5.1 Annual Leave
1. All non-stipendiary Masters' student shall be entitled for Institute Holidays, mid-semester recess and vacations as specified in the academic calendar.
2. Stipendiary Masters' students shall be entitled to annual leave of maximum eight days in a semester or maximum 15 days in an academic calendar, excluding Institute holidays.
3. In addition, the students shall be entitled to maximum 15 days on authorized/ admissible leave in one academic year for prescribed training, or any academic work related to the thesis, assigned by the Supervisor, recommended by Convener DMPC, and approved by the Chairperson SMPC. Any such

assignment for more than this period shall require prior approval of the Chairperson Senate through DMPC and SMPC.

5.2 Semester Leave

Semester leave up to a maximum of two Semesters may be sanctioned for valid reasons in the entire duration of the programme. Semester leave may be sanctioned on recommendation of DMPC and SMPC and approval of Dean (Academic). Leave for more than one semester at a time shall not be granted.

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 DMPC and approved by the concerned Head of the Department.

For extraordinary situations requiring the leave beyond 15 days, the application may be decided by the DMPC on case to case basis.

All other academic requirements must be fulfilled by the student.

5.4 Absence without Sanctioned Leave

Absence without sanctioned leave shall entail a loss of financial assistantship for the period of absence in case of stipendiary students.

Long absence without sanctioned leave (as per 5.1) may result in the termination of the student's Programme on the recommendation of the DMPC and SMPC and approval of the (Dean Academic). The head of the Department shall issue the termination letter with a copy to the office of Dean (Academic).

5.5 Study Leave

An eligible student shall be allowed study leave as per Clause No. 6.

6. PROVISION FOR JOINING OTHER ACADEMIC INSTITUTIONS AS A NON-DEGREE STUDENT

Rules and procedures to join / visit other academic / research Institutions of repute, in India or abroad, as non-degree students are as follows:

1. Only those Masters' Students who have spent at least two semesters and completed course work, are eligible to proceed as non-degree students elsewhere. The Student's are required to give a presentation on the research /industrial proposal before proceeding on non degree status.

2. An eligible student shall submit an application to the Chairperson SMPC through the DMPC and the thesis supervisor in the prescribed format (Form: MP-03), duly ASorted by a statement of purpose to undertake the proposed work and sufficient information about the Department /Institution and acceptance letter from that Institute /Organization.

3. Permission to proceed to an Institution as a non-degree student does not imply that the student will automatically get any waiver from the academic requirements of MNNIT Allahabad. However, he /she shall be treated on authorized leave during the absence from the Institution.

4. The duly Constituted Thesis Examination Board (Clause 11.2) shall evaluate the work done by the student for establishing equivalence with the academic performance requirements of the Master's programme of the Institute. The evaluation shall be done on basis of record of attendance as provided by the host institution/organization (where student worked as non-degree student), performance evaluation at the host institution (Form: MP-04) and a detailed report along with a presentation by the student on the work done at the host institution.

5. A stipendiary student shall be entitled to receive stipend 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 after he/she joins back the Department and on the recommendation of the committee as per point 4 above.

6. In case, the student could not physically report during registration, due to his/her assignment at the host Organization/Institution, he/she may be allowed for physical reporting at a later date. He/She shall have to complete the other registration steps within the time specified, if permitted by Dean Academic on the recommendation of Head of Department.

7. PROGRAMME REQUIREMENTS

7.1 Attendance, Minimum Residence, Maximum Duration and Extension Requirements

Students with less than 75% attendance in a subject shall not be allowed to appear in the End Semester Examination of that subject. This implies that 25% shortage of attendance includes absence due to sports/games activity, Campus interviews, Medical and any other type of leaves, etc. The following table lists the minimum residence and maximum duration allowed in the Programme, and units requirements for graduation in the various programmes:

Prog.	Min. Total credits	Min. credits through course work	Min. Credits through Research	Minimum Residence Period (in semesters) Full time / Parttime	Max. duration Full Time (in semester)	Max. duration Part Time (in semester)	Converted From Full Time To part time
M.Tech.	80	40	40	Two/Four	Seven	Ten	Seven
MBA	80	60	20	Four/Five	Seven	Ten	NA
MCA	120	100	20*	Five	Nine	Twelve	NA
M.Sc.	80	60	20	Four	Seven	NA	NA
MSW	80	60	20	Four	Seven	Ten	NA

*industry/academic internship or equivalent

"Course Work" includes only Masters' course credits unless otherwise stated. To satisfy the "Minimum Residence" requirements, registration must be completed 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 Masters' courses takenby the student.

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

7.2 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 Senate on the recommendations of the DMPC and SMPC.

8. Teaching and Evaluation

8.1 Teaching

(i) Medium - The medium of instruction shall be English.

(ii) List of Courses - The list of courses to be offered by a Department /Interdisciplinary Programme shall be finalized before the beginning of the Semester by the concerned Head, taking into consideration all the requirements and the recommendations of the /BoAC /BoS / Chairperson SMPC, related to that specific specilization.

(iii) Conduct of Courses - Each course is conducted by the Course Coordinator with the assistance of the required number of Faculty Members. The Course Coordinator is responsible for conducting the course, evaluating the performance of the students, and submitting the grades to the Office of the Dean (Academic) within the prescribed time limit.

(iv) At the beginning of the classes, the course coordinator shall provide lecture plan and scheme of teacher assessment (class test) to the class under intimation to the Head of the department.

(v) Teaching Assignments - The Course Coordinator and associated Faculty Members for all the courses offered by a Department during the Semester are decided by the concerned Head. For courses of interdisciplinary nature, the Course Coordinator and associated Faculty Members shall be decided mutually by the Heads of the concerned Departments.

(vi) Audit Courses - A student may audit a course in addition to the prescribed Academic Load requirement with the permission of the concerned Head of the Department and intimation to Dean (Academic). There will, however, be no obligation on the part of department to reschedule the time-table if any clash arises.

Under this arrangement, the student is simply auditing the course and the grade (if any) awarded to him/her in such courses shall be entered in his/her Grade Report, but shall not be considered for SPI/CPI calculation.

8.2 Evaluation

8.2.1 Evaluation Process

The evaluation of students in a Theory/Practical Course shall be a continuous process and shall be based on their performance in the quizzes /class tests, tutorials, assignments, laboratory work, and any other evaluation process as adopted by the course coordinator along with the mid-semester examination [1.5 Hrs] and end-semester examination [2.5 Hrs]. In order to maintain transparency, the course coordinator shall allow the students to see their answer books within the prescribed time limit.

The relative weights of Mid-Semester Examination, End-Semester Examination, and Teacher Assessment in the award of Grades shall be as follows:

Sl. No.	Course	Mid Semester	Teachers Assessment	End Semester
1	Theory	25%	25%	50%
2	Practical/Seminar/ Project/ Internship /Thesis	-	50% [*]	50% [**]

* This component has to be exclusively from the thesis supervisor.
** This component has to be from the examination board.

Teachers' assessment marks shall be awarded on the basis of attendance, tutorials, quizzes, assignments, surprise tests, competition in national level events, etc.

Note: A Master student may be allowed to complete his /her thesis/ project in an industry /organization.

8.2.2 Paper Setting

For each Theory Course, there shall be a Course Coordinator, appointed by the Head of the respective Department, who shall normally set the paper in consultation with associated Faculty Members. Apart from this, the Dean (Academic), in consultation with the Head of the Department, may form a moderation Committee if required.

8.2.3 Schedule of Examination

The Schedule for the Mid-Semester Examination, the End-Semester Examination, and the Grade Improvement Examination in theory courses shall be prepared and announced by the Dean (Academic). The schedule for laboratory examination shall be announced by the Head of the Department. All the Examinations, including laboratory examinations shall be usually held during the period /days specified in the Academic Calendar. The course instructor/coordinator shall show the evaluated answer book to the students as per academic calendar.

8.2.4 Grade Improvement Examination

There shall be a Grade Improvement Examination every year during the period/days specified in the academic calendar.

For this examination, no regular teaching classes shall be held. The modalities of the Grade Improvement Examination shall be as follows:

I. Only those students who were registered for the Courses during the regular semester but could not appear or were not allowed to appear in the Examination due to any reason or have been awarded ACD shall be eligible to appear in the Grade Improvement Examination.

II. A student can appear for a maximum of five courses in any combination of theory and laboratory every year in the Grade Improvement Examination.

III. The weightage of different components for the computation of Grades of the Course for which the student appears in the Grade Improvement Examination, shall be as follows:

Sl. No.	Course	Teachers Assessment	Grade Improvement Examination
1	Theory	25%	75%
2	Practical/Seminar/ Project	50%	50%

IV. The records of the Teacher's Assessment marks of the students will be retained by Head of the concerned Department for the above purpose.

8.2.5 Make-up Examination

If a student, for bonafide reasons which are beyond control such as illness, demise of parents etc., fails to appear in the mid semester examination and /or end-semester examinations in one or more course(s), he/she may make a request to the SMPC Chairperson for a make-up examination within seven days of the last scheduled examination. Such a request must be made on the prescribed form. In the case of the makeup test for the mid-semester examination upper limit for awarding marks will be 70% of the maximum marks irrespective of marks secured in the make-up examination.

8.3. Grading System

Grades and Grade Points: At the end of the End Semester / Grade Improvement Examination, a student is awarded a letter grade in each of his/her Courses by the course coordinator, taking into account his/her performance in the various Examinations, Quizzes, Assignments, Laboratory Work (if any), etc. besides regularity of attendance in classes. The grades shall be submitted through online process along with the duly signed printout of the grade sheet to the office of the Dean (Academic) positively within the prescribed time limit after the End-Semester/ Grade Improvement Examination.

8.3.1 Grade and Grade Point

1. A student shall be awarded a letter grade in each Course/Research Seminar/Mini- project 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 additional three Letter Grades, viz., S, X, W which stand for Satisfactory, Unsatisfactory, and Withheld temporarily, to appear in Examination respectively.

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

Such students shall be required to clear his/her D/N/F/ABS grade by appearing in the subsequent Grade Improvement examination.

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

(i) His/her SPI/CPI is less than the prescribed minimum and the student is allowed to continue in the Programme, and

(ii) He/She has completed all the courses as prescribed by the Department.

In case a student appears in the Grade Improvement Examination, the SPI and CPI shall be calculated after replacing better of the old and new grades obtained by such a student to remove the academic deficiency. All the courses attended by the students shall appear on the transcript.

The letter grades shall be awarded for M. Tech. thesis through an assessment by Examination Board (constituted as per para 11.2) at the end of Semester.

8.3.2 Semester Performance Index (SPI)

The Semester Performance Index (SPI) is a 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 .... g_m in m Courses and the corresponding weights (or credits of the courses) are w_1, w_2, w_3, ... , w_m, the SPI is given by

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

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

8.3.3 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

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

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

8.3.4 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 SMPC, on the basis on recommendation of DMPC shall decide on other matter pertaining to credits, duration, normalization of marks etc. of the online course.

8.3.5 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.

8.3.6 Transcript —A Transcript contains the record of the Grades obtained in each and all Courses, Thesis, Project and Seminar registered by a student during his/her entire duration of Master Programme including the Courses which have been repeated and/or replaced. It also includes the record of Semester Leave.

8.3.7 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.

9. ACADEMIC PERFORMANCE REQUIREMENTS

1. The minimum SPI/CPI requirement for continuing in the programme is equal to 5.5.

2. A student who secures SPI less than 5.5 in the first semester shall be called ACD. Such a student shall be allowed to register for the second semester without stipend /fellowship.

3. An ACD student will be allowed to register in the third semester and subsequent odd semesters if the following conditions are met by him/her.

(a) His/Her CPI is equal to or greater than 5.5 at the end of the academic session.

(b) He/she does not have ABS or W or F / N or X grade in any registered course.

4. A Masters' student who does not fulfill either or both of the above (a) and (b) conditions shall be categorized as "Academically Deficient (ACD)". The following guidelines and rules shall be applicable to such students:

(i) The Head of The Department and the DMPC convener shall advise the students regarding remedial actions to be undertaken to remove the academic deficiencies such as repeating a course/ replacing a course/ appearing in subsequent Grade Improvement examination or repeating a semester where applicables

(ii) He/She shall clear N or F grade acquired in first or second semester, in the subsequent Grade Improvement /semester examination until His/Her SPI/CPI

equal to or greater than 5.5 after removal of academic deficiency.

(iii) The SPI/CPI are calculated after replacing better of old and new grades obtained by him/her if academic deficiency is removed. Similar rule would be applicable for fifth semester registration, wherever applicable.

5. If any Master (Full-time/ Part-time) student is not able to submit his/her thesis for evaluation due to not completion of work at the end of final semester, he/she shall be granted an extension of two months (without having to register) by Chairperson, SMPC subject to the maximum duration allowed for the programme as per Clause 7.1. His/her thesis work shall be evaluated within two months as intermediate semester and report of examination shall be submitted in MP-09b form. Under this condition, the marks submitted by thesis oral board on MP-09b will be entered and corresponding grade will be awarded. Form MP-09a shall also be used for evaluation of work in intermediate semesters.

10. Termination of Programme

1. At the end of each semester the office of the Dean [Academic] shall provide a copy of the results to the Head of the Departments.

2. A student who has not been able to clear academic deficiency at the end of second semester (as per clause 9) shall be terminated from the programme.

3. Long absence without sanctioned leave (as per 5.1) may result in the termination of the student's Programme on the recommendation of the DMPC and SMPC and approval of the Chairperson Senate.

4. A student having ACD who has completed the maximum duration of the programme (as per Clause 7.1), shall be considered to be terminated automatically.

5. A student having not registered for more than one semester shall be considered to be terminated automatically.

6. Any act of indiscipline may lead to termination on recommendation of Proctorial Board.

7. Chairperson SMPC shall convene a meeting of SMPC to discuss and decide those cases of termination which are permissible to continue in the programme on the recommendation of the DMPC on valid reasons.

8. The termination letter shall be issued by Head of Department after approval of

Chairperson Senate/Director with copy to Chairperson, SMPC, Dean SW and Chief Warden.

9. A student, whose programme is terminated on account of inadequate Academic Performance or otherwise, may appeal to the Chairperson Senate for reconsideration through DMPC and SMPC (Form : MP-05). 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 two times from the same student.

11. APPOINTMENT OF THESIS SUPERVISOR(S) AND CONSTITUTION OF THESIS EXAMINATION BOARD

11.1. Appointment of Thesis Supervisor(s)

1. Students shall be allotted Thesis Supervisor from the faculty of the Institute before the registration in the second semester, in a transparent and uniform manner.

2. A student shall not have more than two supervisors at any given time, and one of the supervisors shall be from the department where the student is enrolled.

3. A student can have a co-supervisor from outside the Institute on the basis of recommendation of the DMPC, the SMPC.

4. The change or addition of supervisor(s) shall be allowed by DMPC and shall be communicated to the Chairperson SMPC by the Convener DMPC within one week time along with the minutes of the DMPC meeting.

5. If a faculty proceeds on long leave (for more than 6 months) or retires or resigns or ceases to be a faculty of the Institute and if there is only one supervisor, then prior to proceeding on leave, following shall be the responsibility of the existing supervisor in consultation with the Convener DMPC, Head of Department and the student:

(i) To appoint a Co-supervisor/ new supervisor, if thesis work is incomplete, to ensure that the student does not suffer in his/her absence.

(ii) To appoint a Thesis Coordinator, if all research work and related analysis is

complete except writing of the thesis. The Thesis coordinator shall take care of the formalities of thesis submission and evaluation in consultation with thesis supervisor.

6. If a faculty proceeds on long leave or retires or resigns or ceases to be a faculty of the Institute and there are two supervisors of the student, the faculty proceeding onleave may continue to be the supervisor if he/she so desires.

7. The Department shall adopt a transparent system for the allotment of PG students amongst all the Faculty Members in the Department.

11.2 Constitution of Thesis Examination Board

The Thesis Examination Board shall consist of two members in addition to the Thesis Supervisor(s).

Of the two:

(i) One Faculty from the Department, preferably from the same area.

(ii) One Faculty from outside the Department.

Thesis supervisor may opt for an external examiner from outside the Institute in place of (ii) above only in the final thesis semester examination with the approval of the Dean (Academic).

1. The Thesis Supervisor(s) shall propose the constitution of the Examination Board in prescribed format (Form: MP-07), and Convener DMPC and HOD shall forward thesame to the Chairman SMPC, who shall approve the same.

The examination board shall be formed in the beginning of third /fourth semester.

12. THESIS SUBMISSION AND EXAMINATION
12.1 Thesis submission and notification

1.   A student shall be allowed to submit thesis if he/she has completed academic requirement as per clause 9.

2. Thesis has to be prepared according to the format prescribed in Form: GL-1, and sufficient copies have to be submitted (one for each examiner) in soft bound to Thesis Supervisor(s).

3. If a student has not been able to complete thesis writing he/she shall seek an

extension as per clause 9 (III).

4. The Thesis Supervisor shall issue notice for conduct of Oral examination in advance and shall arrange to send the copies of thesis to the examiners.

5. After the final Oral examination the modifications suggested if any, by the Examination Board, shall be incorporated and modified thesis along with soft copy in CD shall be submitted to the Departmental library through Thesis Supervisor(s).

6. The final results shall be declared after the thesis supervisor uploads the signed soft copy of the final thesis along with plagiarism check report on the institute portal.

12.2 Plagiarism

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 IPR Cell shall issue a certificate as per Form: MP-08 which shall be a pre-condition for submission of Thesis. Further a Certificate that no part of the Thesis is plagiarized has to be submitted by the student in prescribed format.

12.3. Thesis Oral Examination

1. The Thesis Oral Examination shall be conducted within the time frame asgiven in the academic calendar.

2. If a student, after submission of final thesis fails to appear in the Oral Examination on the specified date, his/her programme would be given W grade. He will have to register in the subsequent semester to clear W grade by defending the thesis. This shall be allowed till the maximum duration of the programme.

3. Report of thesis evaluation of the students who have been allowedextension as per point 2 above shall be submitted in Format MP-09a. Final thesis examination report shall be submitted on MP-09b form.

4. A thesis shall be considered to have been accepted if the student is awarded grade C or above and all Members of the Examination Board recommend its

5. If a thesis is awarded D or F grade and is rejected along with a recommendation   for   resubmission   after   incorporating   any

modification/correction suggested by the Examination Board, the Oral Examination of the re-submitted thesis shall be conducted by the same Examination Board unless any member of the previous board has retired/left the institution/debarred by the Senate. In such a case a different board is to be approved by the Chairperson, SMPC. If the re-submitted thesis is rejected, the matter shall be reported to the Dean (Academic) through DMPC for appropriate action.

13. DEGREE REQUIREMENTS

A student shall be deemed to have completed the degree requirements, if the student has

1. Defended final thesis as per clause 12.

2. Earned at least minimum credits as specified in section 7.1.

3. Attained the minimum required SPI/CPI with no Course having F or N or X grade (Clause 9).

4. Satisfied the minimum academic and residence requirements.

5. Satisfied all the requirements specified by the Senate and the Ordinances.

6. Paid all the dues of the Institute and has no pending case of indiscipline.

13.1. Award of Degree

A student who completes all the graduation requirements specified in Section 13 above is recommended by the Senate to the Board of Governors (BoG) for the Award of the appropriate Degree in the ensuing Convocation. The Degree can be awarded only after the BOG accords its approval. However a student may be provided a provisional certificate of completion of Programme by the Dean Academic till the Convocation is held.

13.2 Withdrawal of the Degree

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

14. STIPEND/FELLOWSHIP,SCHOLARSHIPS, PRIZES AND MEDALS

The Senate shall determine the general policy regarding recommendations for the award of the different types of Scholarships, Stipends/fellowship, 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 throughendowments/grants received shall be framed by the Senate from time to time and approved by Board of Governor.

14.1. Stipends/Fellowship

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

2. An academically deficient student [Clause 9] shall not receive stipend till he/she has cleared academic deficiency. The stipend for the period of ACD shall be released after the student clears ACD. Stipendiary students will be entitled to get fellowship/stipend for up to a maximum period of two years or as notified time to time by the funding agency.

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

14.2 Prizes, Medals and Scholarships

To promote and recognize academic excellence, constructive leadership and overall growth and development of students, number of scholarships/medals/awards 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.

15. CONUCT AND DISCIPLINE

15.1. 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, Administrators, Officers and

Employees of the Institute, and good neighborly behavior 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), willful 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.

15.2. 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 and/or 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 Chief Procter for necessary disciplinary action on approval of the Director.

For indiscipline of a student in a class, the course instructor may debar him from few subsequent classes for which he shall not be liable to get relaxation in attendance.

15.3. Unfair Means (UFM)

Unfair means shall comprise of following:

(i) Possession of mobile phones, Smart phones, smart watches, any device capableof 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 neighboring 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.

Constitution of Unfair Means Committee

Unfair means committee shall consist of:

(i) Dean (Academic)
(ii) Dean (Student Welfare)
(iii) Chief Proctor
(iv) Concerned Head of Department/cell/school
(v) Senate Nominee

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 the Form MP-10.

2. After the student is caught using UFM his/her answer books 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 and the duly filled Form MP-10 along with the answer book 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.

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 mention 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 neighboring 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 for suitable recommendation.

(v) The recommendations of the Unfair Means Committee shall be implemented after getting the approval of the Chairperson Senate/Director/ Dean (Academic).

(vi) 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.

A student who is not satisfied 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.

16. 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 9 (Academic Performance Requirement) may be waived off in special circumstances by the Chairperson Senateon the recommendation of the DMPC and SMPC. All such exceptions shall be reported to the Senate.

Motilal Nehru National Institute of Technology Allahabad

Conversion from Full time to Part time

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

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

Name of the Supervisor(s):..

Present   Registration Status:..

C.P.I. in second Semester:..

Justification/Reason for Conversion :..

....

(Signature of the Student)

Comment and recommendation of the Supervisor(s):

(Signature of the Supervisor(s))

Date and Ref No of DMPC meeting*:

Recommendedby: ConvenerDMPC   Head of theDepartment

Approvedby: Chairperson SMPC

* Minutes of DMPC should be enclosed.

Motilal Nehru National Institute of Technology Allahabad
Leave Application

<u>Head of the Department</u>

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:

Registratio No.

Dated:

<div align="center">For Official use</div>

Recommended/Not Recommended:

Supervisor(s) / Convener DMPC

Approved by: Head of the Department

Motilal Nehru National Institute of Technology Allahabad
Application for proceeding as Non-degree Student (Other Institution)

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

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

Supervisor(s):..

Proposed Department & Institution:... ....

(where the student intends to do the work):...

Justification:... ...

(If required attach a separate sheet):...

Comment of the Supervisor(s):

(Signature of the Student)

(Signature of the Supervisor(s))

Reference No. DMPC Meeting with date

Recommended by: Convener-DMPC   Head of Department

Approved by: Chairman SMPC

Enclose minutes of the DMPC Meeting.

Motilal Nehru National Institute of Technology Allahabad
Performance evaluation at host Institution/Industry
[For Non-degree students]

1. Registration No:...

2. Name of the Student:...

3. Program(M.Tech./MCA/MBA/MSc/MSW):..

4. Branch:...

5. Present Semester:...

6. Department:...

7. Thesis Title:...

8. Name and address of the Host Institution/Industry..

9. Report from the host Institute/ Industry(Attach detailed report).....................................

   Marks awarded in 50:...

Name of the Mentors and Signature with seal

(Final grade to be awarded in form MP-09a/MP-09(b) by thesis evaluation board)

Name and signature of the committee members

Motilal Nehru National Institute of Technology Allahabad
APPLICATION FOR MERCY APPEAL

1. Registration No. ....

2. Name of the Student ....

3. Program (M.Tech./MCA/MBA/M.Sc./MSW) ....

4. Branch ....

5. Present Semester ....

6. Academic Record

Semester	SPI	CPI

7. Reason/cause for appeal: ....

8. Prayer for appeal: ....

Date: Signature of the student

9. Recommendation of the Convener,

DMPC:Signature with date

10. Remarks of Head of the Deptt.:

Signature with date

11. Observations of Chairman SMPC:

Signature with date

12. Decision of Chairman Senate:

Signature with date

Motilal Nehru National Institute of Technology Allahabad
Addition of Co-Supervisor from outside the Institute

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

Department:...

Name of the Existing Supervisor(s):..

Present Status of thework:...

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 DMPC meeting (minutes enclosed):

Forwarded by: Convener DMPC   Head of theDepartment

Recommended by: Chairperson (SMPC)

Approvedby: Chairperson Senate

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
List of Suggested Examiners for M.Tech./MCA/MBA/M.Sc./MSW Thesis Examination 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:

Head of Department

Date:

Forwarded by: Convener-DMPC

Date:

Approved by: Chairman SMPC

Date:

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD
Prayagraj-211004 (India)

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% (as

decided by the Senate).

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

OR

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

(Convener, DMPC)   (Chairperson, DMPC)

Copy to:
- Supervisor(s)
- Dean Academic
- Head of the Department

40

Motilal Nehru National Institute of Technology Allahabad
REPORT OF M.Tech./MCA/MBA/M.Sc./MSW THESIS EXAMINATION
BOARD (Interim)

Name of Student:_____Registration No. _____

Department/ Programme: _____

Date of Registration in the Programme: _____

Date of Examination: _____

Thesis Supervisor(s):_____

Report of the Board:_____

_____

Grade awarded by the Board:

Examination Board

SI No.	Name of Examiners	Department	Signature
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____

Thesis Supervisor(s)   Convener, DMPC   Head of Department.

Date:

Office use only: Course Units =   Thesis Units =   CPI in course work=

The student has completed the programme

Chairperson, SMPC Date:

41

Motilal Nehru National Institute of Technology Allahabad
REPORT OF M.Tech./MCA/MBA/M.Sc./MSW THESIS
EXAMINATION BOARD

Name of Student:_____Registration No. _____

Department/ Programme: _____

Date of Registration in the Programme: _____

Date of Thesis Submission:_____

Date of Examination: _____

Thesis Supervisor(s):_____

Report of the Board:_____

_____

Grade awarded by the Board:

Examination Board

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

Thesis Supervisor(s)   Convener, DMPC   Head of Department.

Date:

Office use only: Course Units =   Thesis Units =   CPI in course work=

The student has completed the programme

Chairperson, SMPC
Date:

42

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/Flying Squad:

1. Name of Examination : ....

2. Name of student : ....

3. Registration No. : ....

4. Programme/Branch : ....

5. Room No. : ....

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

Subject	Subject Code

7. Date & time of incident :

8. Type of Unfair Means Material.

(i)Copying from the papers / materials which is in the possession of the student.

(ii)Copying from the answer book of neighboring student.

(iii) Misbehaved with invigilator.

(IV) Possession of programmable device

Date......................

Signature and Full Name of the instructor/invigilators/members of observer committee/Flying Squad.
(IN BLOCK LETTERS)

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

- Three bound copies of the Thesis should be submitted for Thesis Examination.
- The Thesis should be in the specified format as given below:
  - ➤ The back and front cover of the Thesis copy should be in *Black Colour.*
  - ➤ 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 on one side.
  - ➤ The sequence should be : Inner cover page, undertaking of the student, Certificate of the Supervisor(s), Acknowledgement, Abstract, Table of contents, List of figures, list of tables, nomenclature followed by Chapters, References, Appendix.

ORDINANCES FOR DOCTORAL PROGRAMME

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद

Motilal Nehru National Institute of Technology Allahabad

प्रयागराज/Prayagraj-211004

ORDINANCES FOR DOCTORAL PROGRAMMES

Approved by the Board of Governors in its Sixty-third (63rd) meeting held on November 27, 2020 vide Resolution No. 63.05

Motilal Nehru National Institute of Technology Allahabad
Prayagraj, India

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
g	grade points associated with the letter grades awarded to a student
GoI	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
w	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.

<div align="center">or</div>

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.

<div align="center">or</div>

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.

<div align="center">or</div>

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.

<div align="center">or</div>

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

<div align="center">or</div>

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:

<div align="center">Table 1: Course categories and codes</div>

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 Table1).*

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

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 $g_1, g_2, g_3 \ldots \ldots g_m$ in m Courses and the corresponding weights (or credits of the Courses) are $w_1, w_2, w_3, \ldots \ldots, wm$, 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) "Supervisior / 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 / IIEST 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 advice 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 & WITHDRAWL

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
<u>Student Research Committee (SRC)</u>

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
<u>Change of Registration Status</u>

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
<u>Leave Application</u>

<u>Head of the Department</u>

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:

<u>For Official use</u>

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): ....

<div align="right">

(Signature of the Student)

</div>

Comment of the Supervisor(s):

<div align="right">

(Signature of the Supervisor(s)

</div>

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

SI. 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:...

....

<div align="right">(Signature of the Student)</div>

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

<u>CERTIFICATE</u>

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**   **Head of Department**
Date: 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 comparablewith 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

(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

SI. No.	Name of the Examiners	Department/Institute	Signature
1.			
2.			
3.			
4.			
5.			

Supervisor(s)   **Convener DDPC**   **Head of the Deportment**

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 repo-rted to have used or attempt-ted to use unfair-means or shown disorderly conduct.

Subject	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
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)

<u>N.B.:</u>

(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:

Place:

(Signature of Student)

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:

SI. 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".

Motilal Nehru National Institute of Technology Allahabad (MNNIT Allahabad) , Prayagraj

Original MoU draft (Based on approved
(21/03/2023) format)

Memorandum of Understanding for
Academic Exchange and Cooperation
between
Motilal Nehru National Institute of Technology Allahabad, Prayagraj,
India
and
School of Integrated Technology, Yonsei University, Seoul, Korea

This MoU is entered into on.............................. by **School of Integrated Technology**, Yonsei University, situated at Seoul, Korea.

And

Motilal Nehru National Institute of Technology Allahabad, U.P. (hereinafter called MNNIT) situated at Prayagraj an Institute of National Importance established by National Institute of Technology Act 2007 as amended National Institute of Technology, Science Education and Research Act 2012 of Parliament of Republic of India.

The aforesaid organizations are hereinafter referred to individually as Institute and collectively as institutions.

1. **Objectives of the MoU**
   a) Development of joint degree programmes, in mutually agreed disciplines.
   b) Exchange of faculty members and students for mutually agreed programmes, duration, terms and conditions.
   c) Joint/ collaborative research projects and publications.
   d) Joint organization of technical meetings, international workshops, conferences, seminars, faculty development programs, symposia, etc.
   e) Any other matter as agreed, which is not covered above.
   f) Exchanges of academic materials.

2. **Implementation and General Provisions**

   a) It is implicit that every activity undertaken under this agreement is approved by the appropriate officials at each institution and must fall within each institution's academic and fiscal constraints. This agreement may be modified at any time after due consultation between the two institutions.
   b) Prior to initiating any specific activity or program, the parties will negotiate and enter into aseparate agreement, signed by each party's authorized signatory, describing the terms of the agreement, including the budgets.
   c) If this MOU is executed in more than one language, the English version shall control in the event of inconsistency in meaning or interpretation of terms.

1/2

d) The parties shall cooperate mutually to resolve any disputes or misunderstandings by collaboration and discussion.

3. Confidentiality

a) School of Integrated Technology, Yonsei University and MNNIT agree to hold in confidence all information/data designated by the institutions as being confidential which is obtained from either institute or created during the performance of the MoU and will not disclose the same to any third party without written consent of the other institution.

b) The above confidential clause under this MoU excludes the information/data possesses by either institution before entering into this MoU or independently developed and/ or information already available through public domain.

4. Duration of MoU

This agreement will be valid for five years as of the date of its signing by the representatives of both sides and can be extended or terminated by informing the other side in written notice six months prior to the date of expiration. However, on review, the MoU may be extended for another five year by mutual consent.

5. Coordinators

Both Institutions will designate persons who will have responsibility for co-ordination as implementation of this agreement.

6. Intellectual Property Rights

The intellectual property rights (IPR) that arise as a result of joint research and collaborative activity under the agreement will be worked out on a case to case basis and will be consistent with officially laid down IPR policies of the two institutions.

7. Signed in Duplicate

This MoU is executed in duplicate with each copy being an official version and having equal legal validity. By signing below, the Institutions, acting by their duly authorized officers, have cause this Memorandum of Understanding to be executed, effective as of the day.

Prof. Rama S. Verma	Prof. Jong-Souk Yeo, Ph.D.
Director	Chair
Motilal Nehru National Institute of	School of Integrated Technology
Technology Allahabad	Yonsei University
Prayagraj, India	Seoul, Korea
Date:_____	Date:_____

2/2

MEMORANDUM OF UNDERSTANDING

This non-binding Memorandum of Understanding ("MOU") is entered into on date of signing of MOU ("Effective Date"):

BETWEEN **Motilal Nehru National Institute of Technology Allahabad, Prayagraj** (formerly Motilal Nehru Regional Engineering College, Allahabad) established by the Act of Parliament "National Institute of Technology Act, 2007 acting through its and having its registered office at Motilal Nehru National Institute of Technology, Allahabad, Prayagraj – 211004 ("**MNNIT Allahabad**"); ("Click or tap here to enter text.");

AND **Microsoft Corporation India Private Limited**, a company incorporated under the Companies Act, 1956 having its registered office at 807, New Delhi House, Barakhamba Road, New Delhi – 110001 and its principal office at Level 10, Tower C, EPITOME, Building Number 5, DLF Cyber City, Phase 3, Gurugram – 122002, Haryana ("**Microsoft**"),

(MNNIT Allahabad and Microsoft together, the "**Parties**" and each, a "**Party**").

This MOU sets forth the terms applicable to the Parties' discussions related to a potential business relationship between the Parties. Unless expressly stated otherwise in Section 12 hereinbelow, no terms in this MOU are intended to be, or shall be interpreted as, being binding upon the Parties. This MOU is intended to form a basis of discussion, is subject to due diligence by Microsoft and Company, and does not state all matters upon which an agreement must be reached before executing a legally binding, comprehensive commercial agreement or agreements (each, a "**Definitive Agreement**").

BACKGROUND:

(A) Motilal Nehru National Institute of Technology Allahabad, Prayagraj **(MNNIT)** is an Institute with total commitment to quality and excellence in academic pursuits. It was established as one of the seventeen Regional Engineering Colleges of India in the year 1961, as a joint enterprise of Government of India and Government of Uttar Pradesh, and was an associated college of University of Allahabad, which is the third oldest university in India. For a short duration of two years (2000-2002), the Institute was affiliated to U.P. Technical University. With over 45 years of experience and achievements in the field of technical education, having traversed a long way, on June 26, 2002 MNREC was transformed into National Institute of Technology and Deemed University fully funded by Government of India. With the enactment of National Institutes of Technology Act-2007(29 to 2007), the Institute has been granted the status of institution of national importance w.e.f. 15.08.2007. The Institute now offers nine B.Tech., nineteen M.Tech. Degree Programmes (including part-time), MCA, MBA andM.Sc. (Mathematics and Scientific Computing)programmes and also registers candidates for the Ph.D. degree. The Institute has been recognized by the Government of India as one of the centres for the Quality Improvement Programme for M.Tech. and Ph.D.

(B) **Microsoft** Corporation India Private Limited is a wholly owned subsidiary of Microsoft Corporation and is a developer, manufacturer, distributor, and provider of software technologies, cloud services and other solution technologies.

(C) The Parties recognise the capabilities and resources of each Party and wish to explore and assess the feasibility of collaborating with each other on the Project (as defined in Section 2).

1. OBJECTIVE

The objective of this MOU is to describe the Parties' current understanding regarding their potential cooperation and collaboration on the Project and to facilitate further discussions related thereto, including by:

(a) enabling the sharing of relevant information on a confidential basis between the Parties with the aim of identifying the objectives of each Party in relation to the Project, and the corresponding capabilities of each Party to support the achievement of such objectives; and

(b) setting out the possible framework, working relationships, structure, implementation, and future commitments of the Parties in relation to the Project.

2. THE PROJECT

The following project is referred to in this MOU as the "Project".

Microsoft and MNNIT Allahabad wish to work together on their common goals of empowering and skilling students to thrive in the digital economy

In connection with the Project, MNNIT Allahabad and Microsoft will further discuss and explore the following:

Microsoft's Contributions

- Microsoft may provide contact/SPOC, who may be available for all communications with MNNIT Allahabad

- Microsoft may grant access to MS Learn platform. Microsoft may support MNNIT Allahabad in integration of MS Learn into its learning management system through MS Learn Catalog API. More information on this is available at https://aka.ms/LearnLTI and https://aka.ms/LearnCatAPI.

- Microsoft may support MNNIT Allahabad in developting curriculum for its Technology Programs and recommend the most popular learning tracks that can be integrated in the courses.

- Microsoft may conduct virtual workshops/orientation sessions for educators and/or students to support education on Microsoft technologies and certification.

- Microsoft may provide Azure for students, on terms and conditions available at https://aka.ms/AzureForStudents, which may give students the ability to start building apps, explore AI, and make the most of big data and cloud with additional access to services, including compute, network, storage, and databases.

- Microsoft may provide Microsoft Learn for educators which provides access to curriculum pathways of official Microsoft learning products for skilling related to Microsoft Azure, Microsoft Azure Data, Microsoft Azure AI, Microsoft Security, Compliance, and Identity, Microsoft Dynamics 365 ERP, Microsoft Dynamics 365 CRM and Microsoft Power Platform Fundamentals. The educators of MNNIT Allahabad may join the program in self-service mode and will have access to multiple resources which will help them in teaching MS Fundamental Courses. More information on this is available at-https://aka.ms/LearnForEducators.

- Microsoft may allow MNNIT Allahabad to promote Imagine Cup, a global technology program and challenge for student developers ages 16+, giving them the opportunity to build purpose-driven applications with Microsoft Cloud technology to tackle some of the world's biggest social, environmental, and health challenges. The program provides the opportunity to collaborate with other students, network with professionals, gain new skills, make a difference in the world around you,

- Microsoft may allow MNNIT Allahabad to reference Microsoft's name and logo to promote this engagement and Project on their website and on social media in accordance with section 8 of this MOU and additional Microsoft policies. More information on this can be availed at https://www.microsoft.com/en-us/legal/intellectualproperty/trademarks/usage/logo.aspx.

MNNIT Allahabad Contributions

- MNNIT Allahabad may Identify a sole point of contact to work directly with Microsoft.
- MNNIT Allahabad may integrate Microsoft Courses and certifications into the curriculum.
- MNNIT Allahabad may provide feedback to Microsoft to improve and develop current and future offerings.
- MNNIT Allahabad may carry out promotions as agreed between the Parties by mutual consent, as allowed by branding policies of both the Parties.
- MNNIT Allahabad may permit Microsoft to use MNNIT Allahabad and its website as a reference site for other institutes who want to understand about how to integrate courses and utilize the learning material provided by Microsoft.
- MNNIT Allahabad would have the opportunity to promote Imagine Cup to students as an open opportunity to participate in a Microsoft global competition via www.imaginecup.com

The description of the Project and the Parties' anticipated activities set forth in this Section 2 are intended merely to delineate the scope of and capture general concepts and parameters of the potential collaboration between the Parties. The Parties acknowledge that the specific elements of any collaboration between the Parties, including the respective contributions of each Party, will be reflected in a Definitive Agreement related to the Project, to the extent any such agreement is executed by the Parties.

3. TERM SHEET

[Section omitted intentionally]

4. TERM AND TERMINATION

(a) This MOU commences on the Effective Date and continues until the earlier of (i) one (1) year after the Effective Date, (ii) the Parties' execution of a Definitive Agreement related to the Project, (iii) the effective date of termination of this MOU by a Party pursuant to Section 4(b), or as otherwise agreed by the Parties in a writing signed by both Parties.

(b) Either Party may terminate this MOU at any time by providing at least thirty (30) days' prior written notice to the other Party, with or without cause, and without liability of any kind to the other Party.

(c) Upon termination of this MOU, each Party upon written request from the other Party (i) will return or destroy (in line with the request) all properties (e.g., content, technology, software, documentation and Confidential Information (as defined in Section 6 (Confidentiality)) owned or provided by the other Party, and (ii) otherwise has no continuing duty or obligation to the other Party, except for any provision of this MOU that survives the expiration or termination of this MOU as expressly provided herein.

5. EXCLUSIVITY

This MOU is non exclusive. Nothing in this MOU restricts either Party from collaborating or entering into any agreement with any third party or parties relating to matters within the scope of this MOU or any other matter.

6. CONFIDENTIALITY

To the extent permitted by applicable law the existence and terms of this MOU, and all discussions between the Parties (or their affiliates), related to this MOU or a Definitive Agreement are Confidential Information.

The Non-Disclosure Agreement executed between the parties (the "NDA") will govern all Confidential Information (as defined in the NDA) shared under this MOU. To the extent permissible under applicable law, the remaining provisions of this Section shall apply if any information was shared before the execution of the NDA, no NDA exists or the NDA terminates or ceases to be in effect.

"Confidential Information" is non-public information that is designated "confidential" or that a reasonable person should understand is confidential.

Each Party will take reasonable steps to protect the other's Confidential Information and will use the other Party's Confidential Information only for purposes of the Parties' business relationship. Neither Party will disclose Confidential Information to any third party other than the affiliates or subcontractors who (i) have a need to know such information in order to assist in carrying out this MOU; and (ii) have been instructed that all such information is to be handled in strict confidence. Either Microsoft or Company may, however, at any time, make any disclosures required by law upon prior written notice to the other Party.

7. INTELLECTUAL PROPERTY

All Intellectual Property, including, but not limited to, copyrights, software and database rights, patents, trade secrets, trademarks, rights in designs and all other Intellectual Property or other proprietary rights ("**Intellectual Property**") owned by one Party prior to the date of this MOU will continue to be owned by that party. All Intellectual Property rights made available by one Party to the other Party in connection with this MOU, or otherwise, will remain the sole property of, and vest in, the first Party or its licensors. Neither Party will gain, by virtue of this MOU, any rights in or to any Intellectual Property rights owned by the other Party. Any Intellectual Property rights created by one Party without use of or reference to the Intellectual Property rights or Confidential Information of the other Party will be and will remain the sole and exclusive property of the first Party. The Company acknowledges that only a written licensing agreement signed by Microsoft may create a binding licensing agreement between Microsoft and its customers in relation to its software products.

8. JOINT PUBLIC RELATIONS ACTIVITIES

The Parties may participate in press and public relations-type activities related to the benefits and their use of technology associated with this MOU, including: (a) press and social media activities (e.g., press releases, blog posts, and/or social media posts); (b) case study and/or storytelling (e.g., a document/story written or otherwise shared about a topic such as why Company has chosen Microsoft's technology solutions, how Company is using Microsoft's technology solutions as an enabler, the business benefits Company has realized or anticipates, or how Microsoft technologies are helping Company comply with regulations); and (c) industry events (e.g., speaking at and/or demonstrating technology solutions on-stage at industry, Company and/or Microsoft events). All press and other public communications related to this MOU, including those related to the existence or content of this MOU, issued or otherwise provided by a Party must be previously mutually agreed upon by the Parties in each instance in writing.

9. RELATIONSHIP OF THE PARTIES

Nothing in this MOU is intended to establish or create, and shall not establish or create, a partnership, joint venture or other formal business entity between the Parties, and neither Party has any authority to bind the other in any way. Likewise, nothing in this MOU is intended to establish or create, and shall not establish or create, (1) an agency or partnership relationship between the Parties, or (2) any other fiduciary relationship between the Parties.

10. COSTS AND EXPENSES

Each Party will be responsible for its own costs and expenses individually incurred in connection with this MOU, including, without limitation, the performance of any and all duties or obligations set forth herein.

11. BINDING PROVISIONS

(a) Except as expressly provided in this MOU, (i) this MOU is not intended to create or evidence any legally binding obligation on any Party, and (ii) any Party may discontinue discussions and decline to undertake or complete any of the activities described in this MOU at any time in its sole discretion and without liability to the other Party or any third party, as described in Sections 3 and 4 hereinabove.

(b) The following sections of this MOU will be binding and enforceable against the Parties and will survive the expiration or termination of this MOU: Sections 3 (Term Sheet), 4 (Term and Termination), 5 (Exclusivity),

6 (Confidentiality), 7 (Intellectual Property), 8 (Joint Public Relations Activities; last sentence only), 9 (Relationship of the Parties), 10 (Costs and Expenses), 11 (Binding Provisions), 12 (Limitation of Liability), 13 (Foreign Corrupt Practices) and 14 (Governing Law).

(c)   Nothing in this MOU obligates a Party to or constitutes a representation by either Party that it will enter into a Definitive Agreement with the other Party related to the Project.

(d)   Company acknowledges that any binding terms related to licensing can only be offered in a licensing agreement approved in writing by a Microsoft regional operations centre.

12.   LIMITATION OF LIABILITY

(a)   To the fullest extent permitted by law:

i.   neither Party is liable for loss of profits, business interruption, loss of business information, economic loss or any other indirect, incidental, consequential or special loss or damage, even if the loss or damage was caused, or contributed to, by that Party's negligence or breach of this MOU; and

ii.   each Party's total liability to the other Party for any other damage under this MOU is limited to $5,000 USD.

(b)   No limitation or exclusions will apply to liability arising out of a Party's breach of its obligations described in Section 6 (Confidentiality) of this MOU.

(c)   All materials, information, and other items provided by one Party to the other Party in connection with this MOU are provided "as is" without warranty of any kind, and each Party disclaims all warranties, express or implied, with respect to all such materials, information, and other items.

13.   FOREIGN CORRUPT PRACTICES

Each Party and its respective employees, independent contractors, representatives, or agents shall not promise, authorise or make any payment to, or otherwise contribute any item of value to directly or indirectly, any official in each case, in violation of Foreign Corrupt Practice Act, 1977 ("FCPA"), or Prevention of Corruption Act, 1988 ("PCA") or any other applicable anti bribery or anti-corruption law. Each Party shall maintain systems of internal controls to ensure compliance with applicable anti-bribery or anti-corruption law.

14.   GOVERNING LAW

This MOU will be governed by the laws of India, without regard to conflicts of law principles. Each Party irrevocably consents to the exclusive jurisdiction and venue of Prayagraj for any disputes arising under or in connection with this MOU.

[Remainder of the page is intentionally left blank. Signatures on following page]

This MOU is signed by the Parties as of the Effective Date.

By signing this MOU, I also confirm that I am authorised to sign on behalf of Company.

By: _____
(signature)

Name: _____
(printed)

Title: _____
(printed)

Date: _____

Microsoft Corporation India Private Limited

By signing this MOU, I also confirm that I am authorised to sign on behalf of Microsoft.

By: _____
(signature)

Name: _____
(printed)

Title: _____
(printed)

Date: _____
(printed)

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज-211004 [भारत]
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 [India]
Website: http://www.mnnit.ac.in

Minutes of the Thirty-ninth [39th] meeting of the Building and Works Committee held on July 20, 2023 at 03:30 P.M.in online mode [on Google Meet] as well as at Conference Room, Executive Development Centre [EDC], Motilal Nehru National Institute of Technology Allahabad, Prayagraj-211004.

Following members of the Building and Works Committee attended the meeting:

1. **Prof. Rama Shanker Verma,**   Chairman
    Director
    Motilal Nehru National Institute of Technology Allahabad,
    Prayagraj – 211004

2. **Shri Pawan Kumar**   Member
    Under Secretary (NIT-II),
    Department of Higher Education
    Ministry of Education (Shiksha Mantralaya)
    Government of India,
    Shastri Bhawan,
    New Delhi -110 001
    [Representative of Ms. Veena Dunga, Deputy Secretary (NITs), MoE, GoI, New Delhi] [Attended Online]

3. **Shri P. P. Srivastava**   Member
    Sr. Chief Engineer (Civil),
    BSNL UP (W)
    [Attended Online]

4. **Prof. R. P. Tewari,**   Member
    Dean [Planning & Development]
    Motilal Nehru National Institute of Technology Allahabad,
    Prayagraj – 211004

5. **Shri Devender Singh, IDSE**   Member

    GE (West) Allahabad

    Military Engineering Service

    Carrippa Road, New Cantt.

    Prayagraj

6. **Dr. Ramesh Pandey**   Member Secretary

    Registrar

    Motilal Nehru National Institute of Technology Allahabad,

    Prayagraj– 211004

Following Special Invitees also attended the meeting:

1. **Dr. Gautam Ghosh**   Special Invitee

    Faculty In-Charge, Construction & Land

    Motilal Nehru National Institute of Technology Allahabad,

    Prayagraj- 211004

Following members of the Building and Works Committee were granted leave of absence from the meeting on account of their preoccupation:

1. **Shri Anil Kumar**   Member

    Director (Finance)

    Integrated Finance Division

    Department of Higher Education

    Ministry of Education (Shiksha Mantralaya)

    Government of India

    Room No. 220-C, Shastri Bhawan, New Delhi-110001

2. **Mr. Devendra Dutt Mishra**   Member

    Executive Director

    Rolling Stock, Pune Metro Rail Project

    Maharashtra Rail, Corporation Limited, Maharashtra

    C-4/201, Brahma, Sun City, Wadgaonsheri,

    Pune- 411014, Maharashtra

Shri Manish Kumar, Senior Executive Engineer (Civil), Shri A.K. Singh, Executive Engineer (Electrical),Shri Sanjay Singh, Executive Engineer (Civil) and Shri N.K. Shukla, Assistant Registrar (Admin-IV) were also present during the meeting to facilitate and provide necessary relevant documents desired by the Chairman and other members.

At the outset, the Chairman, Building and Works Committee extended a warm welcome to all the members of the Committee.

The Building and Works Committee deliberated on the Agenda items, and agenda item-wise proceedings are as under:

Item No. 39.01:	:	[A]	To confirm the minutes of the Thirty-eighth [38th] meeting of the Building and Works Committee of MNNIT Allahabad held on 13.01.2023 at MNNIT Allahabad.
	:	[B]	To confirm the minutes of the Ninth [9th] emergent meeting of the Building and Works Committee of MNNIT Allahabad held on 24.03.2023 at MNNIT Allahabad.
Resolution	:	[A]	The Building and Works Committee considered the confirmation of minutes of its Thirty-eight [38th] meeting held on 13.01.2023, and noted that no comments have been received from any of the members.
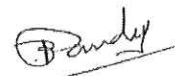
The Building and Works Committee, considering the above, confirmed the minutes of its Thirty-eight [38th] meeting held on 13.01.2023, as circulated.

Some salient features of the [38th] meeting are as follows for the ready reference:

- It was regarding excessive delay in work as well as the workmanship / quality of work executed by contractors of Boys Hostel and Multi-Storied Faculty Quarters. The representatives of the CPWD were informed that the delay in both the projects is attributed to the CPWD with applicable penalty as per the MoU/ Contract Agreement.
- The Building and Works Committee also desired that the CPWD may

be asked to provide the delay report from the start of the work to till date to the Institute. The Building and Works Committee suggested for the effective module based monitoring of the work progress of both the ongoing Infrastructure projects to quantify the work progress and prepare activity wise list with proposed period of time so that their progress can be monitored at the micro level for the given time frame.

- The Institute Engineers shall ensure that various NOCs from the respective authorities including the NOC from the Fire Department has been taken and in case such NOCs are issued by imposing certain conditions, then these conditions must have been taken care of and duly complied, with and a Compliance Report of the same to be submitted to the Institute.

- The Building and Works Committee considered the Third Party Inspection reports done by the IIT BHU for both the ongoing projects submitted by the CPWD and resolved that before taking over of both the projects, an inspection by the other Third party, independently, decided by the MNNIT Allahabad should be done at site and their observations will be compiled and accordingly all rectifications will be done by the CPWD before taking over both the projects.

[B]   The Building and Works Committee considered the confirmation of minutes of its Ninth [9th] emergent meeting held on 24.03.2023, and noted that no comments have been received from any of the members.

The Building and Works Committee, considering the above, confirmed the minutes of its Ninth [9th] emergent meeting held on 24.03.2023.

Some salient features of the Ninth [9th] emergent meeting are as follows:

- It was regarding consideration of the matter of demand of extra payment of ₹3,35,99,963.40 by M/s RITES Ltd. over and above the Administrative Approval and Expenditure Sanction [AA/ES] of ₹

34,77,75,572.00 for the Infrastructure Project of Girls Hostel at MNNIT Allahabad, Prayagraj, upon completion of project. The Building & Works Committee resolved that Charted Account of the Institute may be asked to check the demand of extra payment of ₹ 3,35,99,963.40 over and above the Administrative Approval and Expenditure Sanction [AA/ES] of ₹ 34,77,75,572.00 raised by M/s RITES Ltd. as per the MoU executed between the MNNIT Allahabad and M/s RITES Ltd. and the MoU executed between the M/s RITES Ltd. and M/s Garg Builder. The case may be referred to the advocate of the Institute for a holistic assessment and legal advice on this whole matter. Finally, a letter should be sent to M/s RITES Ltd. after legal vetting and the same should be intimated to the Statutory Bodies of the Institute for the record.

Item No. 39.02 : [A] To report the action taken on the resolutions of the Thirty-eighth [38th] meeting of the Building and Works Committee of MNNIT Allahabad held on 13.01.2023 at MNNIT Allahabad.

[B] To report the action taken on the resolutions of the Ninth [9th] emergent meeting of the Building and Works Committee of MNNIT Allahabad held on 24.03.2023 at MNNIT Allahabad.

Resolution : [A] The Building and Works Committee perused the action taken by the Institute on the decisions taken in its Thirty-eighth [38th] meeting held on 13.01.2023, as circulated along with agenda papers.

Details are as follows:

Item No.	Decision Taken	Action Taken
38.01	To confirm the minutes of the Thirty-seventh [37th] meeting of the Building and Works Committee of MNNIT Allahabad held on 31.08.2022 at MNNIT Allahabad.	The same has been confirmed.
38.02	To report the action taken on the resolutions of the Thirty-seventh [37th] meeting of the Building	The same has been

	and Works Committee of MNNIT Allahabad held on 31.08.2022 at MNNIT Allahabad.	noted.
38.03	**[A]** To review the status of on-going construction/ infrastructure works being undertaken by the CPWD in the Institute. **(i)** Construction of Boys Hostel : The Building and Works Committee noted the revised completion date of the whole project (Block A, Block B, Block C and kitchen Block) including the furniture & kitchen accessories work with proper cleaning is 28.02.2023 as intimated by the Executive Engineer during the meeting. Executive Engineer will also be asked to give demonstration of working of all installed Kitchen equipment's for the automation of kitchen. Executive Engineer of the CPWD has also assured that no further extension will be required beyond this revised date. **(ii)** Construction of Multi-Storied Faculty Quarters (G+12): The Building and Works Committee noted the revised completion date of the project including kitchen accessories work with proper cleaning is 28.02.2023 as intimated by the Executive Engineer during the meeting. Executive Engineer of the CPWD has also assured that no further extension will be required beyond this revised date but Institute still have doubt over this date also keeping the past performance of CPWD in mind. The Building and Works Committee resolved that presentation given by the CPWD may be taken on record for future reference to avoid any legal issues.	CPWD vide its letter No.23 (152)/एम0एन0एन0आई0टी0/ इ0परि0मं0/2023/84, dated 07.02.2023 has submitted the action taken on the observations of the Building & Works Committee. At present both the works have been completed and handing over and taken over is in the process.
	[B] To consider the report of Sixth [6th] meeting of the Project Monitoring Group [PMG] of the Institute held on 16.11.2022.	Noted for the implementation. As approved, the Institute has issued an

			approval letter to the CPWD to start the work external development works related Multi- storied faculty qtrs.
38.04	To consider the proposal for engaging a Public Sector Undertaking set up by the Central or State government to carry out Civil & Electrical Works or to Central/State Government organizations / PSUs notified by the Ministry of Urban Development (MouD) as per the provisions of Rule 133(3) of the GFR, 2017 for executing the Civil/Electrical Infrastructure Work (repair & original work).		As per the approval, an MoU has been executed between MNNIT Allahabad and NBCC (INDIA) Ltd. on 15.03.2023.
38.05	To consider the matter of empanelment of contractor for Civil and Electrical Works in the institute.		As approved, empanelment letters have been issued to all eligible contractors for Civil works, Electrical works and Combination of Civil & Electrical works.
38.06	To consider the proposal for in-principal approval for under taking the following works: [I] Supply and Installation of 02 nos. 630KVA, 11 KV/440 Transformer with all accessories in the Academic Campus. (II) Internal wiring of staff Quarters in the residential Campus. (III) Provision of DG set of 250 KVA for Computer Center in the Academic Campus. (IV) Construction of Faculty / Ladies club with shopping Complex inside the Durga Puja Park in the residential Campus. (V) Roof treatment of all the buildings in the		In the first phase, the Institute had requested NBCC (INDIA) Ltd. for submitting proposal/ estimate of

	institute, Hostel& Residential Campus. (VI) Renovation of 15 toilets in the Tandon Hostel. (VII) Refurbishment / replacement of 04 nos. of old installed lifts in the Swami Vivekanand Boys Hostel and installation of two new lifts in the open area as per requirement. (VIII) Refurbishment / replacement of 02 nos. of old installed lifts in the Administration Building as per requirement. (IX) Construction of Multi-Storied shopping complex adjacent to SBI Bank in the Academic Campus.	recommended New Infrastructure Projects for its consideration and approval.
38,07	To consider the Annual Calendar for the meetings of the Building and Works Committee for the year 2023-24.	The Building and Works Committee noted the annual calendar of BWC meetings.

The Building and Works Committee resolved that action taken by the Institute on the decisions taken in its Thirty-eighth [38th] meeting be noted and taken on record. Due to excessive delay in works undertaken by the CPWD, a new public sector undertaking NBCC (INDIA) Ltd. got engaged as Project Management Consultant [PMC] for the Institute Infrastructure projects.

[B] The Building and Works Committee perused the action taken by the Institute on the decisions taken in its Ninth [9th] emergent meeting held on 24.03.2023, as circulated along with agenda papers.

Details are as follows:

Item No.	Decision Taken	Action Taken

09.01	To consider the matter of demand of extra payment of Rs. 3,35,99,963.40 by M/s RITES Ltd. Over and above the Administrative Approval and Expenditure Sanction [AA/ES] of Rs. 34,77,75,572.00 for the Infrastructure Project of Girls Hostel at MNNIT Allahabad, Prayagraj, upon completion of project.	As approved, Institute had asked the C.A. of the Institute and Advocate of the Institute to submit their reports in the matter. The Advocate of the Institute has given his legal opinion. The reply of M/s Rites Ltd. on the query of C.A. is awaited.
09.02	Any other item with the permission of the Chair: To apprise the BWC about already approved item no. 38.03 [B] of 38th BWC meeting held on 13.01.2023 for record.	As approved, the Institute has issued an approval letter to the CPWD to start the work external development works related Multi- storied faculty qtrs.

The Building and Works Committee resolved that action taken by the Institute on the decisions taken in its Ninth [9th] emergent meeting be noted and taken on record. The Institute has taken the advice of the Institute advocate and advice of the Chartered Accountant of the Institute is still awaited. The Chartered Accountant of the Institute has been asked to expedite the work.

Item No. 39.03   :   To review the status of ongoing construction/infrastructure works being undertaken by CPWD in the Institute.

Resolution   :   The Building and Works Committee while considering the status of ongoing works by the CPWD Allahabad, observed and noted the following:

(A)   Construction of Boys Hostel: The E.E., CPWD informed the Building and Works Committee that the construction of Boys Hostel has been completed and the process for handing over of Boys Hostel may be started. The Building and Works Committee was also apprised that the Engineering

section of the Institute has communicated the list of defects to CPWD and requested to remove them prior to handing over the building.

The Building and Works Committee noted that the listed defects / problems have not been removed by the CPWD till date despite of several communications. The Building and Works Committee advised the Institute that a joint inspection of the Boys Hostel shall be made by the Engineering wing of the Institute and CPWD at the earliest to check the details and to rectify the defects at the earliest possible for handing over the Boys Hostel building to the Institute.

The Building and Works Committee also resolved that defect liability period will be started from the date of handing over and taken over between the CPWD and MNNIT Allahabad. A letter may be sent to the CPWD in this regard.

(B) **Construction of Multi-Storied Faculty Quarters (G+12):** The Executive Engineer, CPWD informed the Building and Works Committee that the construction of Multi-Storied Faculty Quarters (G+12) has been completed and the process for handing over of the project may be started. The Building and Works Committee was apprised that the Engineering wing of the Institute has communicated the list of defects to CPWD and requested to remove them prior to handing over the building. The Building and Works Committee noted that the listed defects / problems have not been removed by the CPWD till date despite of several communications. The Building and Works Committee advised that a joint inspection of the site of Multi-Storied Faculty Quarters shall be conducted by the Engineering wing of the Institute and CPWD at the earliest to check the details and to rectify the defects at the earliest possible for handing over the project of Multi-Storied Faculty Quarters (G+12) to the Institute.

The Building and Works Committee also resolved that defect liability period will be started from the date of handing over and taken over between the CPWD and MNNIT Allahabad. A letter may be sent to the CPWD in this regard.

Further, the Building and Works Committee has also been apprised that the Final NOC of Prayagraj Development Authority has also not been received due to the non-installation of Solar Panels at the roof of the Apartments. The E.E., CPWD has assured the Building and Works Committee that the installation of Solar Panels at the roof of Multi-Storied Faculty Quarters Building shall be done within a time period of three months after receipt of the payment for the work and also the Final NOC from the PDA shall be obtained subsequently at the earliest possible, so that the use of the subject building may be started. The cost of solar panel will be given to CPWD within a week.

Item No. 39.04	:	Construction of New Block for Academic Building in front of Central Library i/c internal electric installations, fans & firefighting system & lift at MNNIT Allahabad, Prayagraj.

Resolution : The Building and Works Committee considered the recommendation of the meeting of Project Monitoring Group [PMG] held on 10.07.2023 and after detailed deliberations on the same, noted the followings :

(I) The Finance Committee [F.C.], while considering the matter of approval of appointment of NBCC (INDIA) Ltd. as a Project Management Consultant [PMC] at MNNIT Allahabad, Prayagraj, in its 66th Finance Committee meeting held on 31.01.2023, vide item no.66.06 recommended that both infrastructure projects [Construction of New Academic Block (G+2) and construction of Lecture Hall Complex (G+6)] will be executed through the NBCC (INDIA) Ltd. in place of CPWD and CPWD be asked to return the initial advance of Rs. 3,63,20,000.00 deposited by the Institute for the construction of New Academic Block (G+2) as per clause "H" of the MOU dated 22.02.2022 executed between MNNIT Allahabad and CPWD for the

construction of New Academic Block (G+2).

Accordingly , Institute vide its letter no: CWM/CPWD/2022-23/547 dated 22.02.2023 intimated the E.E., CPWD regarding the withdrawal of Administrative/ Financial approval for the Construction of New Academic Block (G+2) and construction of Lecture Hall Complex (G+6) and to return the initial deposit as per the MoU.

(II) Accordingly, the subject matter was discussed with the Superintending Engineer and Executive Engineer of the CPWD and further, as per discussion, E.E., CPWD vide its letter No. 23(152)/एम0एन0एन0आई0टी0 / ई0परि0मं0 / 2023/190 dated 06.04.2023 informed the Institute that they are agreed to return the initial advance of Rs. 3,63,20,000.00 after deduction of expenditure of Rs. 44,56,355.00 incurred for the soil testing, 3D Drawings, Architectural drawings, Jungle cutting of ground of survey, Fire approval, pollution & PDA approval and Structural Design Work etc. for the subject work as per clause "H" of the MOU dated 22.02.2022.

(III) The Building and Works Committee considered the following new proposals/estimates/ drawings of the subject work submitted by the NBCC (INDIA) Ltd. to explore all the possibilities and limitations:

Construction of New Block for Academic Building without Basement :		
Sr. No.	Name of Project	Estimated Cost
(i)	Construction of New Block for Academic Building [G+2] in front of Central Library at MNNIT Allahabad, Prayagraj.	Rs. 43.81 Crore
(ii)	Construction of New Block for Academic Building [From 3rd Floor to 6th Floors] including all required furniture for whole building [G+6] in front of Central Library at MNNIT Allahabad, Prayagraj.	Rs. 55.33 Crore

(iii)	Construction of New Block for Academic Building [G+6] including all required furniture for whole building [G+6] in front of Central Library at MNNIT Allahabad, Prayagraj.	Rs.91.75 Crore
Construction of New Block for Academic Building with Basement :		
(iv)	Construction of New Block for Academic Building [G+2] with basement in front of Central Library at MNNIT Allahabad, Prayagraj.	Rs. 64.32 Crore
(v)	Construction of New Block for Academic Building [From 3rd Floor to 6th Floors] including all required furniture for whole building [G+6] in front of Central Library at MNNIT Allahabad, Prayagraj.	Rs. 57.89 Crore
(vi)	Construction of New Block for Academic Building [G+6] with basement including all required furniture for whole building [G+6] in front of Central Library at MNNIT Allahabad, Prayagraj.	Rs.113.85 Crore

It is worth to mention here that there is acute problem of parking in the campus. Huge increase in strength of all stakeholders specially students and faculty in the Institute has worsen the problem which got realized by the PMG. The PMG members advised strongly for the structure with basement which is the need of the hour and hence the construction of New Block for Academic Building (G+6) with basement for parking at an estimated cost of Rs.113.85 Crore is recommended unanimously by the BWC members.

Considering the above, The Building and Works Committee resolved to recommend the following to the Finance Committee / Board of Governors for consideration and approval with immediate effect after the approval from the BoG to expedite the construction work :

[i] To note the expenditure of Rs.44,56,355.00 incurred by the CPWD for the pre-construction activities for the C/o New Academic Block [G+6] .

[ii]The preliminary/ detailed estimate of Rs.113.85 crore for the construction of New Block for Academic Building [G+6] with basement at MNNIT Allahabad submitted by the NBCC (INDIA) Ltd., as mentioned at sr. no.(vi) in the above table.

The Building and Works Committee also recommended that additional amount of Rs. 81.33 Crore required over and above the already sanctioned amount of Rs.36,32,94,100.00 for the construction of New Block for Academic Building (G+2) at MNNIT Allahabad under ESW by MoE letter No:2-11/2021-T.S.III dated 22/09/2021, may be get financed by the HEFA after in-principle approval by FC/ Board of Governors.

Details of recommended proposed extra amount are as follows:

Sl. No.	Head	Amount (Rs.)
1	Recommended proposed additional amount for C/o New Block for Academic Building [G+6] (with basement) over the already sanctioned amount for C/o New Block for Academic Building [G+2] (without basement).	77.52 Crore
2	Expenditure incurred by the CPWD as mentioned above at [i]	0.45 Crore
3	Service charge of PMC (2.5% of proposed cost of project i.e. Rs.113.85 Crore)	2.85 Crore
4	GST on service charge of PMC, calculated at present rate of 18%]	0.51 Crore
Total recommended additional amount proposed to get financed by the HEFA		81.33 Crore

[iii] To award the subject work to the NBCC (INDIA) Ltd. as a Project Management Consultant at a rate of 2.5% excluding GST as service charge of

the completion cost of the project as per MoU dated 15.03.2023 executed between MNNIT Allahabad and NBCC (INDIA) Ltd.

[iv] The release of fund shall be as per the MoU dated 15.03.2023 executed between MNNIT Allahabad and NBCC (INDIA) Ltd.

[v] Further, the Building and Works Committee also approved that minor changes in the proposed plan with the same proposed built up area of 18605.75 Sq.m. for construction of New Block for Academic Building [G+6] with basement may be adopted as per recommendation of the Project Monitoring Group [PMG] while submitting the Detailed Project Report (D.P.R) to the Ministry for approval of the same.

Item No. 39.05 : **Proposal of New Infrastructure Projects (Renovation/ maintenance works) in the Institute Campus.**

Resolution : The Building and Works Committee considered the proposal of various Civil and Electrical maintenance related works to be executed by the NBCC (INDIA) Ltd. in the Institute as under :

[i]	To consider the proposal of lift for especially abled persons in the Administrative building in the Institute Campus.
[ii]	To consider the proposal for installation of centralized air conditioning System in GS [3 to 8] and GW [3 to12] class rooms and Central Library in the Academic Building in the Institute Campus.
[iii]	Renovation of staff Quarters and Internal wiring of staff Quarters in the Residential Campus.
[iv]	Roof treatment of all the staff qtrs. & buildings in the Residential Campus.
[v]	Repair of all affected roofs, and renovation & repair of SEW 1,7,8,9,10 class rooms at second floor in the Academic Building at MNNIT Allahabad, Prayagraj.
[vi]	Supply and Installation of 02 nos. 630 KVA, 11 KV/440 Transformer with all accessories in the Academic campus.

The Building and Works Committee also noted the following observations / recommendations of the Project Monitoring Group [PMG] for the above Projects :

Sr. No.	Name of Project	Estimated Cost submitted by NBCC (INDIA) Ltd. (Rs.)	Recommendation
[i]	Provision of lift for especially abled persons in the Administrative building in the Institute Campus.	49,95,262.50	The Committee discussed the location of the lift to be installed in the Admin Building. The experts & NBCC (INDIA) Ltd. opined that the site/ location should be preferably outside and adjacent to the Admin Building with minimum alteration in the existing building to ensure safety of the old existing building. NBCC (INDIA) Ltd. representatives were told to design lift structure in such a fashion that it does not transfer load anywhere to existing building frame. Further, it was also advised that a construction joint should be planned to avoid any load transfer from the proposed new structure to the old constructed Admin

			Building.
[ii]	Provision of Air conditioning System in GS [3 to 8] and GW [3 to12] and NLH [1 to 2] class rooms in the Academic Building at MNNIT Allahabad.	1,71,81,596.81	The Committee recommends that V.R.F. A.C. system may be adopted for centralized air conditioning system in the class rooms.
[iii]	Renovation of staff Quarters and Internal wiring of staff Quarters in the Residential Campus.	18,11,50,039.02	Recommends all the proposed provisions made by the NBCC (INDIA) Ltd.
[iv]	Roof treatment of all the staff qtrs. & buildings in the Residential Campus.	4,11,27,903.78	Recommends all the proposed provisions by the NBCC (INDIA) Ltd. with remarks that possibilities of Brick coba roof treatment work may be explored as per the condition of the old roof and for long life of the existing structure while preparing detailed estimate for tendering.
[v]	Repair of all affected roofs, and renovation & repair of SEW 1,7,8,9,10 class	5,23,75,824.87	Recommends all the proposed provisions by the NBCC (INDIA) Ltd. with remarks that possibilities of Brick coba roof treatment

	rooms at second floor in the Academic Building at MNNIT Allahabad, Prayagraj.		work may be explored as per the condition of the old roof and for long life of the existing structure while preparing detailed estimate for tendering.
[vi]	Supply and Installation of 02 nos. 630 KVA, 11 KV/440 Transformer with all accessories in the Academic Campus.	1,89,19,508.45	Recommends all the proposed provisions made by the NBCC (INDIA) Ltd.
	Total Amount =	Rs.31,57,50,135.43	

In view of the above, the Building and Works Committee recommended all the above mentioned works and further resolved to recommend the following to the Finance Committee / Board of Governors for consideration and approval with immediate effect after the approval from the BoG to expedite the construction work :

(i)   The preliminary/ detailed estimate of the following works:

Sr. No.	Name of Project	Estimated Cost submitted by NBCC (INDIA) LTD. Ltd. (Rs.)	Recommended Head
[i]	Provision of lift for especially abled persons in the Administrative building in the Institute Campus.	49,95,262.50	OH-35
[ii]	Provision of Air conditioning	1,71,81,596.81	OH-35

	System in GS [3 to 8] and GW [3 to12] and NLH [1 to 2] class rooms in the Academic Building at MNNIT Allahabad.		
[iii]	Renovation of staff Quarters and Internal wiring of staff Quarters in the Residential Campus.	18,11,50,039.02	OH-31
[iv]	Roof treatment of all the staff qtrs. & buildings in the Residential Campus.	4,11,27,903.78	OH-31
[v]	Repair of all affected roofs, and renovation & repair of SEW 1,7,8,9,10 class rooms at second floor in the Academic Building at MNNIT Allahabad, Prayagraj.	5,23,75,824.87	OH-31
[vi]	Supply and Installation of 02 nos. 630 KVA, 11 KV/440 Transformer with all accessories in the Academic.	1,89,19,508.45	OH-35
[A]	Total	31,57,50,135.43	
[B]	Service charge of PMC (2.5% of proposed cost of project i.e. Rs.113.85 Crore)	78,93,753.38	
[C]	GST on service charge of PMC, calculated at present rate of 18%]	14,20,875.60	
Grand total recommended amount		32,50,64,764.41 Say Rs. 32.51 Crore)	

(ii) To award the subject work to the NBCC (INDIA) Ltd. as a Project Management Consultant at a rate of 2.5% excluding GST as service charge of the completion cost of the project as per MoU dated 15.03.2023 executed between MNNIT Allahabad and NBCC (INDIA) Ltd.

(iii) The release of fund shall be as per the MoU dated 15.03.2023 executed between MNNIT Allahabad and NBCC (INDIA) Ltd.

Item No. 39.06 : To ratify the approval of Director, MNNIT Allahabad as the Chairman, BWC to allow E.E., CPWD to make the payment of Rs.16,93,048.00 to the Prayagraj Development Authority [PDA] as compounding fee for getting the Final N.O.C from the PDA for the revised built-up Building Plans of the newly constructed Boys Hostel.

Resolution : The Building and Works Committee noted and ratified the approval of Director, MNNIT Allahabad as the Chairman, BWC to allow E.E., CPWD to make the payment of Rs.16,93,048.00 to the Prayagraj Development Authority [PDA] as compounding fee for getting the Final N.O.C from the PDA for the revised built-up Building Plans of the newly constructed Boys Hostel.

Approval of the same by the Director, as the Chairman is placed at ANNEXURE-I.

Considering the above, The Building and Works Committee resolved to recommend the same to the Finance Committee / Board of Governors for its ratification and record.

Item No. 39.07 : To consider the proposal of Construction of Under Pass (Twin box) at railway line passing between Academic Campus & Hostel Campus at MNNIT Allahabad.

Resolution : The Building and Works Committee considered and noted the recommendation of the Project Management Group [PMG] committee meeting held on 10.10.2023 regarding the proposal of Construction of Under Pass (Twin box) at railway line passing between Academic Campus & Hostel Campus at MNNIT Allahabad submitted by the Senior Divisional Engineer, Northern Railway, Lucknow.
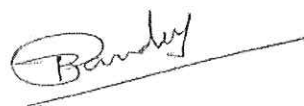
The Building and Works Committee after detailed discussion on the same resolved to recommend the proposal of construction of Under Pass (Twin box) at railway line passing between Academic Campus & Hostel Campus at MNNIT Allahabad.

Considering the above, The Building and Works Committee resolved to recommend the following to the Finance Committee / Board of Governors for consideration and approval:

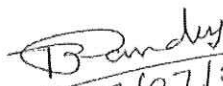(i)   To approve the preliminary/ detailed estimate of Rs. 7,29,26,853.00 (Rupees Seven Crore Twenty Nine Lakh Twenty Six Thousand Eight Hundred Fifty Three Only) for the construction of twin Under Pass (Twin box)at railway line passing between Academic Campus & Hostel Campus at MNNIT Allahabad.

(ii)   To award the said work to Senior Divisional Engineer, Northern Railway, Lucknow.

(iii)   To deposit an amount of Rs. 7,29,26,853.00, considering this as a deposit work, in the account of Northern Railway Head Quarter in State Bank of India, New Delhi branch under OH-35.

(iv)   The final connecting approach road of the underpass to the existing roads in the Institute will be constructed by the Institute separately, if required.

Item No. 39.08	:	To apprise the BWC about the Payment of Rs.1,89,77,875.00 incurred by the CPWD (within the sanctioned amount of Rs.39,66,42,400.00) to the Prayagraj Development Authority (PDA) for NOC of Multi-Storied faculty Quarters (G+12) in the residential campus at MNNIT Allahabad, Prayagraj.
Resolution	:	The Building and Works Committee considered the above payment recommended by the Project Management Group [PMG] committee meeting held on 10.10.2023 regarding the Payment of Rs.1,89,77,875.00 incurred by the CPWD (within the sanctioned amount of Rs.39,66,42,400.00) to the Prayagraj Development Authority (PDA) for NOC of Multi-Storied faculty Quarters (G+12) in

the residential campus at MNNIT Allahabad, Prayagraj and noted the same.

Considering it as the financial matter, The Building and Works Committee resolved to recommend that the details of the same may be put up before the Finance Committee / Board of Governors for its ratification and record.

Item No. 39.09 : To Empanel the Architects for Conceptual planning / drawings / designing / interior decoration for renovation and maintenance works in the Institute Campus.

Resolution : The Building and Works Committee considered the recommendation of the Project Management Group [PMG] committee meeting held on 10.10.2023forempanelmentof Architects for Conceptual planning / drawings / designing / interior decoration for renovation and maintenance works in the Institute Campus and recommended the same.

Considering the above, the Building and Works Committee resolved to recommend the above proposal of the Institute to the Finance Committee / Board of Governors for consideration and administrative approval.

Item No. 39.10 : To plan for Extended Campus of the MNNIT Allahabad, Praygaraj.

Resolution : The Building and Works Committee considered the proposal of the Institute regarding agenda item No. 39.10and resolved to withdraw the same till further notification.

Item No. 39.11 : To consider the report of Seventh [7th] meeting of the Project Monitoring Group [PMG] held on 10.07.2023 of the Institute.

Resolution : The Building and Works Committee considered the recommendations of the Seventh [7th] meeting of the Project Monitoring Group [PMG] held on 10.07.2023 for the ongoing construction and proposed projects. The agenda items of the above mentioned meeting are as follows:

The agenda items of the above mentioned meeting are as follows:

- To review the status of ongoing construction works being undertaken by the CPWD in the Institute campus.
- Construction of New Block for Academic Building in front of Central Library i/c internal electric installations, fans &firefighting system & lift at MNNIT Allahabad, Prayagraj.
- Proposal of New Infrastructure Projects in the Institute Campus.
- To make the payment of Rs.16,93,048.00 to the Prayagraj Development Authority [PDA] to get the Final N.O.C from the PDA for the revised built-up Building Plans of the newly constructed Boys Hostel.
- To consider the proposal of Construction of twin Under Pass under railway line passing between Academic Campus & Hostel Campus at MNNIT Allahabad.
- To apprise the BWC about the Payment of Rs.1,89,77,875.00 incurred by the CPWD (within the sanctioned amount of Rs.39,66,42,400.00) to the Prayagraj Development Authority (PDA) for NOC of Multi-Storied faculty Quarters (G+12) in the residential campus at MNNIT Allahabad , Prayagraj.
- To Empanel the Architects for Conceptual plan/ drawings / designing / interior decoration for renovation and maintenance works in the Institute Campus.
- To discuss the Master Plan submitted by the CPWD in the meeting of the PMG.
- To plan for Extended Campus of the MNNIT Allahabad, Praygaraj.

The Building and Works Committee resolved that the recommendations of the PMG may be accepted and implemented immediately and action taken on the same may be reported in the next meeting of the Building and Works Committee.

Item No. 39.12 : <u>Any other item with the permission of the Chair:</u>

[A] To Consider the payment of Rs. 14,90,333.00 demanded by Divisional Director, Social Forestry Division, Prayagraj for plantation of 1300 plants to issue NOC to cut the 130 no. of green/dry trees standing at the proposed site of the New Academic Block in the Academic Campus of the Institute.

[B] Issue of transfer of land between University of Allahabad and MNNIT Allahabad.

Resolution : [A]The Building and Works Committee considered the matter to release the payment of Rs. 14,90,333.00 demanded by Divisional Director, Social Forestry Division, Prayagraj for plantation of 1300 plants to issue NOC to cut the 130 no. of green/dry trees standing at the proposed site of the New Academic Block in the Academic Campus of the Institute and recommended the same.

The payment of Rs. 14,90,333.00will be released from the already sanctioned amount of Rs. 36,32,94,100.00 for the construction of New Academic Block (G+2) at MNNIT Allahabad under EWS sanctioned fund.

Considering the above, The Building and Works Committee resolved to recommend the same to the Finance Committee / Board of Governors for its consideration and necessary approval.

[B] The Building and Works Committee considered the matter of transfer of land between University of Allahabad and MNNIT Allahabad.

The Building and Works Committee suggested the Institute to refer the relevant provisions of GFR-2017 and authorized the Director to take the appropriate decisions in the interest of the Institute.

Considering the importance and urgency of the works, the Building and Works Committee (B&WC)resolved to request the Finance Committee (FC) /Board of Governors (BoG)to consider the above resolutions in its very next meeting treating these resolutions as confirmed with immediate effect.

The meeting was concluded with vote of thanks to the Chair.

27/07/2023

[Ramesh Pandey]
Registrar/ Member Secretary
Approved

[Rama ShankerVerma]
Director/ Chairman

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
Motilal Nehru National Institute of Technology Allahabad
टिप्पणी एवं आदेश
Notes & Orders

ANNEXURE-I

Subject : To make the payment of Rs.16,93,048.00 to the Prayagraj Development Authority [PDA] to get the Final N.O.C from the PDA for the revised built-up Building Plans of the newly constructed Boys Hostel.

1. The work of construction of Boys Hostel at MNNIT Allahabad was awarded to the CPWD vide the Institute A/A & E/S letter no: 950/OC(CWM)/2015 dated 08/06/2015 amounting to Rs.98.60 Crore.

2. Allahabad Development Authority [ADA] vide its letter No.170 / प्र0अ0(त0स0–2) / जोन–1 / वि0प्रा0 / 2017–18 दिनांक 30.10.2017 had raised the fees of Rs.2,62,37,454.00 for issue of Pre-N.O.C. for the building plans of the proposed construction of Boys Hostel at MNNIT Allahabad.

3. The A.D.A fees of ₹2,62,37,454.00 was recommended in the 46th Finance Committee meeting held on 17.11.2017 vide Item No.46.05 [B] and the same was approved in 51st BoG meeting held on 17.11.2017 vide Item No.51.09. (Copy is attached at Flag'A')

4. Accordingly, Institute vide its letter no: CWM/ADA/2017-18/531 dated 29.11.2017 had deposited the amount of ₹ 2,62,35,494.00 after adjustment of already deposited of ₹1960.00 for issue of Pre-N.O.C. for the proposed construction of Boys Hostel at MNNIT Allahabad.

5. Finally, Prayagraj Development Authority [PDA] vide letter No. 170 / प्र0अ0(त0स0) / जोन–1 / प्रस्ता0 / 2017–18 दिनांक 30.03.2019 had issued the N.O.C for the proposed building plans for the construction of Boys Hostel. (Copy is attached at Flag'B')

6. Further, Project Monitoring Group [PMG] considered the revised building plans submitted by the CPWD vide its letter no: 54(2) / ब्या0हा0 / एम0एन0एन0आई0टी0 / इ0परि0मं0 / 2019 / 691 दिनांक 22.10.2019 in its meeting held on 04.12.2019 and recommended the same keeping in view to have more ventilation in the passage of the already approved building plans by the PDA.(Copy is attached at Flag'C')

7. Institute vide its letter No: CWM/PMG 1st Meeting/2019-20/394 dated 24.12.2019 had communicated the same to the CPWD for necessary action in the matter and in response, E.E., CPWD vide its letter dated 30.01.2020 agreed for the same.

8. The recommendations of the meeting of the Project Monitoring Group [PMG] held on 04.12.2019 was considered by the 33rd Building & Works Committee[BWC] in its meeting held on 28.02.2020 vide item no.33.04 and resolved that the observations of the PMG may be communicated to the agency [CPWD]

S.Singh
14.17/23

9. To get it complied within a fixed time frame. The same was noted in the 61st BoG meeting held on 22.07.2020; vide item no.61.14 [A]. **(Copy is attached at Flag'D').**

10. The subject work on the revised building plans has been completed by the CPWD and NOC from PDA was applied by the CPWD after receiving Fire NOC from Fire Department and NOC for Rain Water Harvesting from Executive Engineer, Under Ground JalVibhag, 6/3 C, Beli Road, Prayagraj. (Copy is attached at Flag'A')

11. Pre NOC of PDA was received on vide letter No. 170 / प्र0अ0(त0स0) / जोन–1 / प्रस्ता0 / 2017–18 दिनांक 30.03.2023 for total covered area 29991.00 sqm. The area of construction was increased from 29991.001 sqm. to 30662.00 sqm for revised building plan.

12. Executive Engineer, CPWD vide its letter no:54(2) / बा.हॉ / एम0एन0एन0आई0टी0 / परि0इ0 / 2023 / 319dated 21.06.2023informed that PDA vide their letter no.26 / प्र0अ0(त0स0) / जोन–1 / शमन / 2023–24dated 17.06.2023 has raised the compounding fee ₹ 16,93,048.00 for the final revised built-up building plans of the subject project and requested to give approval for the same, so that CPWD may deposit the amount ₹16,93,048.00 as a compounding fees in the Praygraj Development Authority [PDA] from the deposited amount in the head of the subject work to get the Final N.O.C for the revised built-up Building Plans of the newly constructed Boys Hostel. **(Copy is attached at Flag'E')**

13. Till date, Institute has already released an amount of ₹ 79.9426 Cr. in the head of the subject work [Const. of Boys hostel including its furniture and automation of kitchen etc.] against the sanctioned amount of ₹ 98.60 Crore.

14. The C&EWM [New Infrastructure Projects] also considered the whole matter in its meeting held on 03.07.2023 and after detailed deliberations on all the above mentioned facts, the committee recommended that the proposal for giving the approval to the CPWD to deposit the amount ₹16,93,048.00 as a compounding fee in the Praygraj Development Authority [PDA] from the deposited amount in the head of the subject work to get the Final N.O.C for the revised built-up Building Plans of the newly constructed Boys Hostel may be recommended and the same may be placed before the PMG/BWC/FC/BOG for its consideration and approval.

The same was approved on 03.07.2023 by the Director.

The Project Monitoring Group [PMG] considered the recommendation of the meeting of C&EWM [New Infrastructure Projects] Committee held on 03.07.2023 in its meeting held on 10.07.2023 and after considering all the facts recommended the same. The same has been approved on 14.07.2023 by the Director. **(Copy is attached at Flag'F')**

1. The same has been proposed to be placed before the BWC meeting scheduled to be held on 20.07.2023 for approval of the same.

2. E.E., CPWD vide its mail dated 14.07.2023 informed that ,If the amount ₹16,93,048.00 ,as a compounding fee , will not be deposited in the Praygraj Development Authority [PDA] soon, then, they will have to apply fresh application through online mode and this process will delay in getting Final N.O.C. and delay the start the use of building for the students .

3. In view of above, to get the Final N.O.C from the Praygraj Development Authority [PDA] at the earliest , kindly approval may be given to allow the EE, CPWD to deposit the amount ₹ 16,93,048.00 as a compounding fee in the Praygraj Development Authority [PDA] from the deposited amount in the head of the subject work to get the Final N.O.C for the revised built-up Building Plans of the newly constructed Boys Hostel.

So that as required use of the building may be started and new allotment of the rooms to the students in the newly built Boys hostels may be given in the current session, which is going to start from the first week of the August.

E.E., CPWD may also be intimated that the total expenditure of the subject work including PDA compounding fees should not be more than the sanction [AA/ES] amount of Rs. 98.60 Crore for the subject work [Construction of Boys Hostel & Providing and fixing furniture's and automation of kitchen etc. for Boy's Hostel] .

Submitted for consideration and approval, please.

A.R.(Admin-IV)/Sr. Executive Engineer/ F.I.(Construction & Land)/ Registrar/Dean(P&D)

Director

The subject proposal may be approved as chairman BWC.

Pandey
14/07/23

14/7/23

No. CWM/PDA/2023-24/194

Dated: 15/07/2023.

To,

Executive Engineer
Project Division, CPWD
MNNIT Campus, Allahabad
Prayagraj

Subject : To make the payment of Rs.16,93,048.00 to the Prayagraj Development Authority [PDA] to get the Final N.O.C from the PDA for the revised built-up Building Plans of the newly constructed Boys Hostel.

Reference :

(I)   PDA letter no.26 / प्र0अ0(त0स0) / जोन—1 / शमन / 2023—24 dated 17.06.2023

(ii)   CPWD letter no: 54(2) / ब्वा.हॉ / एम0एन0एन0आई0टी0 / परि0इ0 / 2023 / 319 dated 21.06.2023.

Dear Sir,

In reference to above , it is to inform you that Competent Authority of the Institute has approved to deposit the amount Rs.16,93,048.00 as a compounding fee in the Praygraj Development Authority [PDA] from the deposited amount in the head of the subject work, so that the use of hostel building may be started as soon as possible.
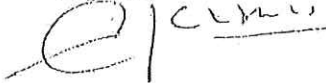
In view of above, you are requested to kindly deposit the amount Rs. 16,93,048.00 as a compounding fee in the Praygraj Development Authority [PDA] from the deposited amount in the head of the subject work to get the Final N.O.C. of the subject project at the earliest.

You are also requested to ensure that the total expenditure of the subject work including PDA compounding fees should not be more than the sanction [AA/ES] amount of Rs. 98.60 Crore for the subject work [Construction of Boys Hostel & Providing and fixing furniture's and automation of kitchen etc. for Boy's Hostel] .

This letter is issued with the approval of the Competent Authority.

This is for your information and necessary action, please.

Regards,

[Manish Kumar]
Sr. Executive Engineer

No. CWM/ PDA /2023-24/ 19 L(Dated: 15/07 / 2023.

Copy to for kind Information, please.

1. Director, MNNIT Allahabad, Prayagraj.
2. Dean (P&D), MNNIT Allahabad, Prayagraj.
3. Registrar, MNNIT Allahabad, Prayagraj.
4. Superintendent Engineer, CPWD, Kendriya Sadan, Civil Lines , Prayagraj.
5. F.I. (Construction & Land), MNNIT Allahabad, Prayagraj.
7. Executive Engineer (Civil), MNNIT Alld.

[Manish Kumar]
Sr. Executive Engineer

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद

प्रयागराज -211004 [भारत]

Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 [India]

Website: http://www.mnnit.ac.in

Minutes of the Sixty-eighth [68th] meeting of the Finance Committee held on August 10, 2023 at 03:30 p.m. through online mode [on Google Meet] as well as at Conference Room, Executive Development Centre, MNNIT Allahabad.

Following members of the Finance Committee attended the meeting -

1.	**Prof. Rama Shanker Verma** Director Motilal Nehru National Institute of Technology Allahabad, Prayagraj-211004	**Chairman**
2.	**Shri Anil Kumar** **Director (Finance)** Department of Higher Education Ministry of Education, Government of India Shastri Bhawan, New Delhi - 110 115 **[Nominee of AS & FA, Ministry of Education, GoI]** **[attended online]**	**Member**
3.	**Mr. Pawan Kumar** Under Secretary (NIT-II), Department of Higher Education Ministry of Education (Shiksha Mantralaya) Government of India, Shastri Bhawan, New Delhi -110 115 **[Nominee of Joint Secretary (NITs), Ministry of Education, GoI]** **[Attended Online]**	**Member**
4.	**Prof. Neeraj Misra** Professor, Department of Mathematics & Statistics, Indian Institute of Technology, Kanpur, Kanpur 208 016. **[Nominee of Director, IIT Kanpur]**	**Member**

5.   **Prof. Ajai Kumar Singh**   **Member**
     Professor, Department of Civil Engineering,
     Motilal Nehru National Institute of Technology Allahabad,
     Prayagraj – 211004.

6.   **Dr. Ramesh Pandey**   **Member Secretary**
     Registrar,
     Motilal Nehru National Institute of Technology Allahabad,
     Prayagraj – 211004.

The Chairman extended a warm welcome to the members and thanked them for taking their time out to attend the meeting.

The Finance Committee deliberated on the agenda items, and agenda item-wise proceedings are as under:

Item No. 68.01   :   To confirm the minutes of the Sixty-seventh [67th] meeting of the Finance Committee held on 31.03.2023.

Resolution   :   The Finance Committee considered the Institute proposal for confirmation of the minutes of its Sixty-seventh [67th] meeting held on 31.03.2023, and noted that no comments have been received from any of the members.

The Finance Committee, considering the above, resolved to confirm the minutes of its Sixty-seventh [67th] meeting held on 31.03.2023.

Major points of previous two meetings in Nutshell for ready reference:

- *The Finance Committee considered the request of SC/ST/PH category students of Ph.D. programme for extension of tuition fee waiver and referred the matter to Ministry of Education for placing the same before the NIT Council.*

- *The Finance Committee considered the matter of demand of extra payment of Rs. 3,35,99,963.40 raised by M/s RITES Ltd. over and above the Administrative Approval and Expenditure Sanction of Rs. 34,77,75,572.00; after completion of infrastructure project of Girls Hostel at MNNIT Allahabad. The Finance Committee resolved that the demand of extra payment should be checked thoroughly by the Chartered Accountant of the Institute and legal advice must be obtained from the advocate of the Institute before proceeding in the matter.*

- *The Finance Committee resolved to accept the Institute proposal for procurement of FE-SEM with EDS for Centre for Interdisciplinary Research (CIR) with an estimated cost of Rs. 5.00 Crores and recommended the same to the Board of Governors for approval.*

- *The Finance Committee resolved to accept the proposal for procurement of 1000 Desktop(s) with an estimated cost of Rs. 13.50 Crores and recommended the same to the Board of Governors for approval.*

- *The Finance Committee resolved to accept the recommendations of Building & Works Committee for engaging NBCC (INDIA) Ltd. (CPSU) as a Project Management Consultant [PMC] at MNNIT Allahabad for executing the Civil/ Electrical Infrastructure Work (Repair & Original Work) in the Institute and recommended the same to the Board of Governors for approval.*

- *The Finance Committee resolved to accept the Ministry of Education letter on the subject "Applicability of Payment of Gratuity Act 1972 to educational institutions under the Ministry of Education" and recommended the same to the Board of Governors for approval and implementation in the Institute with immediate effect.*

- *The Finance Committee resolved to accept the Institute proposal to increase the financial power of the Director for procurement of Equipment, general Utility Items, Furniture, Software etc. under OH-35 upto Rs. 5.00 Crores and recommended the same to the Board of Governors for approval.*

Item No. 68.02 : **To report the action taken on the decisions taken in the Sixty-seventh [67th] meeting of the Finance Committee held on 31.03.2023.**

Resolution : The Finance Committee perused the action taken by the Institute on the decisions taken in its Sixty-seventh [67th] meeting held on 31.03.2023, as circulated along with agenda papers.

The Finance Committee resolved that action taken by the Institute on the decisions taken in its Sixty-seventh [67th] meeting be noted, and taken on record.

Item No. 68.03 : **[A]** **To note the annual allocation of funds to the Institute communicated by the Ministry of Education vide letter F. No. 36-1/2023-TS.III, dated 04.05.2023 on the subject *"Tentative Annual Allocation for the Financial***

17/08/23

Year 2023 - 2024 in respect of Motilal National Institute of Technolory (MNNIT), Allahabad – regarding".

[B] To note the Memorandum of Understanding [MoU] submitted by the Institute for execution between the Institute and the Ministry of Education for the Financial Year 2023-24.

Resolution : [A] The Finance Committee considered the annual allocation of funds to the Institute communicated by the Ministry of Education vide letter F. No. 36-1/2023-TS.III, dated 04.05.2023 on the subject *"Tentative Annual Allocation for the Financial Year 2023 - 2024 in respect of Motilal National Institute of Technology (MNNIT), Allahabad – regarding".*

The Finance Committee noted that the annual allocation for the Financial Year 2023-24 in respect of the Institute is as under:

Object Head (OH)	OH-31	OH-35	OH-36	Total
Annual Allocation	₹85.84 Cr.	₹22 Cr.	₹82.83 Cr.	₹190.67 Cr.

The Finance Committee resolved to note the same.

[B] The Finance Committee considered the Memorandum of Understanding [MoU] submitted by the Institute for execution of the same between the Institute and the Ministry of Education for the Financial Year 2023-24.

The Finance Committee resolved to note the same.

Item No. 68.04 : To note and ratify the approval of the Finance Committee / Board of Governors on the Annual Accounts and Balance Sheet for the Financial Year 2022-23, accorded through circulation.

Resolution : The Finance Committee was apprised of the following:

1. Section 22(2) of the NIT Act-2007, provides that - "The accounts of every Institute shall be audited by the Comptroller and Auditor-General of India and any expenditure incurred by him in connection with such audit shall be payable by the Institute to the Comptroller and Auditor – General of India."

Accordingly, audit of the accounts of the Institute is carried out by the Accountant General, UP, Prayagraj, every year.

2. The Annual Accounts and Balance Sheet for the Financial Year 2022-23 was required to be submitted to the Accountant General, UP, (Office of the Comptroller & Auditor General of India) to start the SAR Audit.

3. The Institute has hired the services of a Chartered Accountant, M/s R. C Agrawal & Co. to prepare Balance Sheet, Receipt & Payment Account and Income & Expenditure Account for the FY 2022-23. The Annual Accounts and Balance Sheet of the Institute for the FY 2022-23 was prepared as per the format prescribed by the Ministry of Education, GOI.

4. Considering the importance and urgency in the matter, the Institute circulated the Annual Accounts and Balance Sheet of the Institute for the Financial Year 2022-23 to the members of the Finance Committee and Board of Governors for approval through circulation.

   The members of Finance Committee and Board of Governors were also requested to give their comments/ acceptance by 17.07.2023.

5. Observations have been received from Prof. Neeraj Mishra, IIT Kanpur and Ms. Janaki Viswanathan, Under Secretary (IFD), MoE, GoI. The Institute vide letter No. 189/Accounts/2023 dated 24.07.2023 has sent the compliance report on the observations of the Integrated Finance Division, Ministry of Education.

Accordingly, the Annual Accounts and Balance Sheet of the Institute was sent to the A.G.U.P. for commencement of Audit.

The Institute response on the observations of the Integrated Finance Division, Ministry of Education were discussed and noted by the Board of Governors during the meeting.

Further, the Board of Governors, advised the following to the Institute:

(i) Interest earned on the outside TSA grant shown in Schedule 3 for the last financial year needs to be refunded to Ministry of Education.

(ii) Unutilized IRG of the Institute shown in Schedule 3 as liability is actually the fund earmarked for transfer from Fee account to the Corpus account and hence it is not a liability and the entry to be done in the form of Assets/transfer of fund from Fee account to Corpus account.

(iii) The Institute is advised to review the feasibility of running the MBA program as

the revenue generation is not appreciable hence feasibility of the programme needs to be justified.

(iv) Hostel Fee (schedule 13): Various fees charged under the Head hostel room rent (at schedule 13 on page 58) consist of room rent, electricity charges, Hostel related maintenance charges etc.

(v) Corpus fund related accounts shown in schedule 1 should be consolidated/earmarked under one single account only from the next financial year onwards.

The Board of Governors confirmed and ratified the approval accorded through circulation by the Finance Committee / Board of Governors on the Annual Accounts and Balance Sheet for the Financial Year 2022-23 with above remarks.

Item No. 68.05 : **To consider the following letters received from the Ministry of Education for adoption/ implementation in the Institute:**

[A] Email dated 12.04.2023 thereby enclosing letter F. No. 36-1/2022-TS.III dated 11.04.2023 on the subject *"Restriction/ Amendment/ recommendation to Rules of GFR 2017 – reg."*

[B] Letter F.No.33-1I2022 -TS.III (Pt.1) dated 29.05.2023 on the subject *"Amendment in General Financial Rules, 2017-Rule 171(i) Performance Security - reg."* thereby enclosing OM F. No. 23011/02/2023-IF.I dated 24.05.2023, OM No. F.7/10/2021-PPD dated 23.02.2023 & Order No. F.7/10/2021-PPD(1) dated 23.02.2023 and MoE letter No. 36-1/2022-TS.III,dated 11.04.2023.

[C] Letter F No. DST/PCPM/Z-06/2022 dated 26.06.2023 from the Ministry of Science & Technology, on the subject **"Revision of emoluments and guidelines on service conditions for Research Personnel engaged in R&D programme of the Central Government Departments/ Agencies".**

[A] The Finance Committee considered the Ministry of Education email dated 12.04.2023 thereby enclosing letter F. No. 36-1/2022-TS.III dated 11.04.2023 on the subject *"Restriction/ Amendment/ recommendation to Rules of GFR 2017 – reg."*

In consideration of the above, the Finance Committee resolved to note the Ministry of Education letter F. No. 36-1/2022-TS.III dated 11.04.2023 on the subject *"Restriction/ Amendment/ recommendation to Rules of GFR 2017 – reg."* and recommended the same to the Board of Governors to note and take on record.

[B] The Finance Committee considered the Ministry of Education letter F.No.33-1|2022 -TS.III (Pt.1) dated 29.05.2023 on the subject *"Amendment in General Financial Rules, 2017-Rule 171(i) Performance Security - reg."* thereby enclosing OM F.No. 23011/02/2023-IF.I dated 24.05.2023, OM No. F.7/10/2021-PPD dated 23.02.2023 & Order No. F.7/10/2021-PPD(1) dated 23.02.2023 and MoE letter No. 36-1/2022-TS.III,dated 11.04.2023.

In consideration of the above, the Finance Committee resolved to accept the Ministry of Education letter F.No.33-1|2022 -TS.III (Pt.1) dated 29.05.2023 on the subject *"Amendment in General Financial Rules, 2017-Rule 171(i) Performance Security - reg."* and recommended the same to the Board of Governors for approval and implementation in the Institute with immediate effect.

[C] The Finance Committee considered the letter F No. DST/PCPM/Z-06/2022 dated 26.06.2023 from the Ministry of Science & Technology, on the subject "Revision of emoluments and guidelines on service conditions for Research Personnel engaged in R&D programme of the Central Government Departments/ Agencies".

The Finance Committee was apprised by the members from the Ministry of Education that a separate notification from the Ministry of Education may be communicated to all Institutes under the Ministry of Education in this regard. The Institute is advised to wait for aforementioned notification from the Ministry of Education for implementation of the same.

Item No. 68.06 : To consider the recommendations of the Thirty-ninth [39ᵗʰ] meeting of Building & Works Committee held on 20.07.2023 on the followings proposals:

[A]   Construction of New Block for Academic Building in front of Central Library i/c internal electric installations, fans & firefighting system & lift at MNNIT Allahabad, Prayagraj.

[B]   Proposal of New Infrastructure Projects (Renovation/ maintenance works) in the Institute Campus.

[C]   To ratify the approval of Director, MNNIT Allahabad as the Chairman, BWC to allow E.E., CPWD to make the payment of Rs.16,93,048.00 to the Prayagraj Development Authority [PDA] as compounding fee for getting the Final N.O.C from the PDA for the revised built-up Building Plans of the newly constructed Boys Hostel.

[D]   To consider the proposal of Construction of Under Pass (Twin box) at railway line passing between Academic Campus & Hostel Campus at MNNIT Allahabad.

[E]   To apprise the BWC about the Payment of Rs.1,89,77,875.00 incurred by the CPWD (within the sanctioned amount of Rs.39,66,42,400.00) to the Prayagraj Development Authority (PDA) for NOC of Multi-Storied faculty Quarters (G+12) in the residential campus at MNNIT Allahabad, Prayagraj.

[F]   To Empanel the Architects for Conceptual planning / drawings / designing / interior decoration for renovation and maintenance works in the Institute Campus.

[G]   To Consider the payment of ₹14,90,333.00 demanded by Divisional Director, Social Forestry Division, Prayagraj for plantation of 1300 plants to issue NOC to cut the 130 no. of green/dry trees standing at the proposed site of the New Academic Block in the Academic Campus of the Institute.

Resolution   : [A]   The Finance Committee considered the recommendations of the Thirty-ninth [39th] meeting of the Building & Works Committee held on 20.07.2023 on the proposal for Construction of New Block for Academic Building in front of Central Library i/c internal electric installations, fans & firefighting system & lift at MNNIT Allahabad, Prayagraj.

The Finance Committee noted that the amount of Rs.36,32,94,100/- was sanctioned under EWS vide MoE letter No:2-11/2021-T.S.III dated 22/09/2021 for the construction of New Block for Academic Building (G+2) at MNNIT Allahabad. Subsequently, the Institute had issued AA&ES letter to E.E., CPWD on 07.10.2021 and released Rs.3,63,20,000/- (10% of AA&ES amount of Rs.36,32,94,100.00) vide letter no. CWM/New Academic Block/2021-22/497 dated 30.03.2022 to the CPWD for the subject work.

The Finance Committee also noted that the CPWD has incurred an expenditure of Rs. 44,56,355/- for the soil testing, 3D Drawings, preliminary architectural drawings, Jungle cutting ground survey, fire approval, pollution & PDA approval and Structural Design Work etc. for the subject work.

Further, in view of the inordinate delay incurred by the CPWD in completion of Institute infrastructure projects, the Institute appointed the NBCC (INDIA) Ltd. as Project Management Consultant [PMC] for Complete Planning, Design, Execution/ Construction of Buildings and its services for various buildings at MNNIT Allahabad, Prayagraj after due approval of the Finance Committee and the Board of Governors vide resolution nos. 66.06 and 71.14 [C] [iv] respectively.

Further, in view of the acute problem of infrastructure in the Institute including classrooms, faculty rooms, parking etc. the Building and Works Committee vide its resolution no. 39.04 recommended the Construction of New Block for Academic Building (G+6) (with basement) in front of Central Library i/c internal electric installations, fans & firefighting system & lift at MNNIT Allahabad, Prayagraj at an estimated cost of Rs.113.85 Crores submitted by the NBCC (INDIA) Ltd. The NBCC (INDIA) Ltd. conveyed that it would not prefer to use/adopt building plans prepared by the CPWD or any other agency as it is their professional endeavor to provide the best architectural planning to MNNIT Allahabad as per norms prescribed in National Building Code 2016.

Further, the Finance Committee was apprised by the Registrar that in the approved recommendations of 39.04 agenda item of the BWC meeting held on 20.07.2023, there was an inadvertent error. The service charge and GST was added again in the calculation table by the Engineering Section of the Institute though it was already taken into consideration by the NBCC (India) Ltd., PMC of the Institute, in its detailed estimate submitted to the Institute. The same recommendation of the BWC was incorporated in the 68.06 [A] agenda item of the Finance Committee meeting held on 10.08.2023. Hence, Finance Committee recommended that table of 68.06 [A] agenda item should be considered as given below:

Sl. No.	Head	Amount (Rs.)
A	Estimate amount recommended by the BWC for C/o New Block for Academic Building [G+6] (with basement)	113.85 Crores
B	Amount already sanctioned by the Ministry of Education under ESW	36,32,94,100/-
C	Recommended proposed additional amount for C/o New Block for Academic Building [G+6] (with basement) over the already sanctioned amount for C/o New Block for Academic Building [G+2] (without basement).	77.52 Crore [A-B]
D	Expenditure incurred by the CPWD	0.45 Crore
Total recommended additional amount proposed to get financed by the HEFA		77.97 Crore [C+D]

The Finance Committee noted that the approval of the above project under EWS was given in 2021 and now the Executing Agency, Scope of work and Project Estimates all have been changed and revised.

The Finance Committee advised the Institute to submit a fresh proposal to the Ministry of Education for consideration and approval under HEFA considering In-principle approval of the Finance Committee. The Institute was advised to wait for the execution of the project till the concurrence form the Ministry of Education is received for the aforementioned Construction of New Block for Academic Building.

The Finance Committee agreed In-principle and resolved to recommend

the amount of Rs. 77.97 Crore only for the construction of New Block for Academic Building.

[B]   The Finance Committee considered the recommendations of the Thirty-ninth [39th] meeting of the Building & Works Committee held on 20.07.2023 on the proposal of New Infrastructure Projects (Renovation/ maintenance works) in the Institute Campus.

Further, the Finance Committee was apprised by the Registrar that in the approved recommendations of 39.05 agenda item of the BWC meeting held on 20.07.2023, there was an inadvertent error. The service charge and GST was added again in the calculation table by the Engineering Section of the Institute though it was already taken into consideration by the NBCC (India) Ltd., PMC of the Institute, in its detailed estimate submitted to the Institute. The same recommendation of the BWC was incorporated in the 68.06 [B] agenda item of the Finance Committee meeting held on 10.08.2023. Hence, Finance Committee recommended that table of 68.06 [B] agenda item should be considered as given below:

Sr. No.	Name of Project	Estimated Cost submitted by NBCC (INDIA) LTD. Ltd. (Rs.)	Recommended Head
[i]	Provision of lift for especially abled persons in the Administrative building in the Institute Campus.	49,95,262.50	OH-35
[ii]	Provision of Air conditioning System in GS [3 to 8] and GW [3 to12] and NLH [1 to 2] class rooms in the Academic Building at MNNIT Allahabad.	1,71,81,596.81	OH-35
[iii]	Renovation of staff Quarters and Internal wiring of staff Quarters in the Residential Campus.	18,11,50,039.02	OH-31
[iv]	Roof treatment of all the staff qtrs. & buildings in the Residential Campus.	4,11,27,903.78	OH-31
[v]	Repair of all affected roofs, and renovation & repair of SEW 1,7,8,9,10 class rooms at second floor in the Academic Building at MNNIT Allahabad, Prayagraj.	5,23,75,824.87	OH-31
[vi]	Supply and Installation of 02 nos. 630 KVA, 11 KV/440 Transformer with all accessories in the Academic.	1,89,19,508.45	OH-35
[A]	Total	31,57,50,135.43	
	Total recommended amount	31,57,50,135.43 (Say Rs. 31.58 Crore)	

The Finance Committee advised the Institute to execute the proposed works within the allocated budget of the Ministry of Education under OH-31.

The Finance Committee agreed In-principle and resolved to recommend the amount of Rs. 31,57,50,135.43 i.e approximately 31.58 Crore only for the Renovation/ Maintenance works in the Institute campus.

[C]   The Finance Committee considered the recommendations of the Thirty-ninth [39th] meeting of the Building & Works Committee held on 20.07.2023 to ratify the approval of Director, MNNIT Allahabad as the Chairman, BWC to allow E.E., CPWD to make the payment of Rs.16,93,048.00 to the Prayagraj Development Authority [PDA] as compounding fee for getting the Final N.O.C from the PDA for the revised built-up Building Plans of the newly constructed Boys Hostel.

The Finance Committee noted that it is a Statutory payment and needs to be considered in the preparation of the estimate itself instead of considering in the last phase of the project before the handover process, to avoid exercise of powers of the Chairperson, Board of Governors in emergent conditions.

The Finance Committee resolved to accept the approval of the Chairperson, Board of Governors.

[D]   The Finance Committee considered the recommendations of the Thirty-ninth [39th] meeting of the Building & Works Committee held on 20.07.2023 on the proposal of Construction of Under Pass (Twin box) at railway line passing between Academic Campus & Hostel Campus at MNNIT Allahabad.

The Finance Committee considering the importance and urgency of the proposed work has agreed In-Principle and advised the Institute to manage the funds for the proposed project either from HEFA or from the Institute IRG but not from OH-35.

The Finance Committee resolved to accept and recommend the same to the Board of Governors for approval.

[E]   The Finance Committee considered the recommendations of the Thirty-ninth [39th] meeting of the Building & Works Committee held on 20.07.2023 for the

Payment of Rs.1,89,77,875.00 incurred by the CPWD (within the sanctioned amount of Rs.39,66,42,400.00) to the Prayagraj Development Authority (PDA) for NOC of Multi-Storied faculty Quarters (G+12) in the residential campus at MNNIT Allahabad, Prayagraj.

The Finance Committee resolved to accept and recommend the same to the Board of Governors for approval.

[F]   The Finance Committee considered the recommendations of the Thirty-ninth [39th] meeting of the Building & Works Committee held on 20.07.2023 to Empanel the Architects for Conceptual planning / drawings / designing / interior decoration for renovation and maintenance works in the Institute Campus.

The Finance Committee advised the Institute to empanel the Architects as per rules and regulations of empanelment.

The Finance Committee resolved to accept and recommend the same to the Board of Governors for approval.

[G]   The Finance Committee considered the recommendations of the Thirty-ninth [39th] meeting of the Building & Works Committee held on 20.07.2023 to Consider the payment of ₹14,90,333.00 demanded by Divisional Director, Social Forestry Division, Prayagraj for plantation of 1300 plants to issue NOC to cut the 130 no. of green/dry trees standing at the proposed site of the New Academic Block in the Academic Campus of the Institute.

The Finance Committee resolved to accept and recommend the same to the Board of Governors for approval.

Item No. 68.07   :   To consider the recommendation of the Seventy-seventh [77th] meeting of the Senate held on 02.07.2023 on the following agenda items:

[A]   To start the new programmes in the following Departments of the Institute as per NEP:

[I]   Department of Chemistry (M.Sc. in Applied Chemistry).

[II]   Department of Physics (M.Sc. in Physics).

[B]   To consider the recommendation of the Committee relating to EAA course implementation under the Chairmanship Prof. Ravi Prakash

including the associated financial aspects.

[C]   To consider the proposal for establishing the Centre for Sustainable Energy in the Institute as Centre of Excellence.

Resolution   :   [A]   [I]   The Finance Committee considered the recommendations of the Seventy-seventh [77th] meeting of the Senate held on 02.07.2023 on the proposal of starting a new PG course based on NEP-2020 in the Department of Chemistry as M.Sc. in Applied Chemistry.

The Finance Committee noted the following:

SI. No.	Particular	Requirements/ Tentative Budget	
		Quantity	Estimated Cost/ Expenditure/ Budget
1.	Number of Faculty required	Nil*# at present	-
2.	Laboratories and Equipment required	Laboratories- 3, space created & transformation of Store Room to Laboratory under progress. Equipment- Nil# at present.	Through Recurring Grant= Rs. 35 Lakhs Through Non-Recurring Grant= Rs. 30 Lakhs
3.	Computers and Software required	Nil# at present.	
4.	Books and Journals required	Nil# at present.	
5.	Hostel Rooms required	As per the availability, hostel rooms may be provided	
6.	Class Rooms required	Nil# at present.	

2.   The Institute has proposed to start a new programme based on NEP-2020, named as **M.Sc. in Applied Chemistry.**

3.   Intake for the programmes shall be of 30 students.

4.   Requirements for smooth running of the programmes is at

ANNEXURE-I.

5. The current faculty profiles of the faculty members in the Department of Chemistry match with requirements of the proposed programme. Therefore, the existing faculty strength and the existing resources will be utilized for starting the proposed programme, during the initial phase.

6. Similar programmes are also being run in other IITs / NITs and thus there is high demand of students of such programmes. Students of the programmes are expected to get good placement in the market.

7. As per the Make in India policy of the Government of India, many Industries / Research organizations require skilled manpower in the area of proposed programme. The proposed programme will contribute towards fulfilling the manpower requirements of the Make in India policy of the Government of India.

8. The Ministry of Education letter D.O.F.No.33-3/2018-TS.III, dated 27.12.2019 provides that in order to rein the over expenditure owing to starting of new programmes by NITs without approval of Ministry of Education, the institutions need to seek prior approval of the Ministry of Education, before making any budgetary provisions for the same. The Ministry of Education has also directed that in order to seek prior approval of the Ministry, Institutions need to submit the detailed proposal, after the approval of the Finance Committee/ Board of Governors.

The Finance Committee noted that the Institute is expected to generate the annual revenue of ₹ 24.6 Lakhs from the proposed program.

Considering the above, the Finance Committee resolved to accept the proposal for starting a new PG course based on NEP-2020 in the Department of Chemistry as M.Sc. in Applied Chemistry and recommended the same to the Board of Governors for approval, for further submission to the Ministry of Education for approval.

[II]   The Finance Committee considered the recommendations of the Seventy-seventh [77th] meeting of the Senate held on 02.07.2023 on the proposal of starting a new PG course based on NEP-2020 in the Department of Physics as M.Sc. in Physics.

The Finance Committee noted the following:

1. A brief of the proposed programme and requirements for smooth running of the programme:

PG Course in Physics Department (M.Sc. in Physics)			
Sl. No.	Particular	Requirements/ Tentative Budget	
		Quantity	Estimated Cost/ Expenditure/ Budget
1.	Number of Faculty required	07	As per rule
2.	Laboratories and Equipment required	3 Laboratories	₹55,00,000
3.	Computers and Software required	60 Computers, Matlab, Mathematica, Lab VIEW	₹60,00,000
4.	Books and Journals required	≥ 200 Books, Journals subscribed for Ph.D. will be utilized, No add tional requirement for journals	₹2,00,000
5.	Hostel Rooms required	29 (Boys + Girls)	As per rule
6.	Class Rooms required	2	As per rule

2.   The Institute has proposed to start a new programme based on NEP-2020, named as **M.Sc. in Physics.**

3.   Intake for the programmes shall be of 30 students.

4.   Requirements for smooth running of the programmes is at **ANNEXURE-II.**

5.   The current faculty profiles of the faculty members in the Department of Chemistry match with requirements of the proposed programme. Therefore, the existing faculty strength and the existing resources will be utilized for starting the proposed

programme, during the initial phase.

6. Similar programmes are also being run in other IITs / NITs and thus there is high demand of students of such programmes. Students of the programmes are expected to get good placement in the market.

7. As per the Make in India policy of the Government of India, many Industries / Research organizations require skilled manpower in the area of proposed programme. The proposed programme will contribute towards fulfilling the manpower requirement of the Make in India policy of the Government of India.

8. The Ministry of Education letter D.O.F.No.33-3/2018-TS.III, dated 27.12.2019 provides that in order to rein the over expenditure owing to starting of new programmes by NITs without approval of Ministry of Education, the institutions need to seek prior approval of the Ministry of Education, before making any budgetary provisions for the same.The Ministry of Education has also directed that in order to seek prior approval of the Ministry, Institutions need to submit the detailed proposal, after the approval of the Finance Committee/ Board of Governors.

The Finance Committee noted that the Institute is expected to generate the annual revenue of ₹ 24.6 Lakhs from the proposed program.

Considering the above, the Finance Committee resolved to accept the proposal for starting a new PG course based on NEP-2020 in the Department of Physics as M.Sc. in Physics and recommended the same to the Board of Governors for approval, for further submission to the Ministry of Education for approval.

[B] The Finance Committee considered the recommendation of the Seventy-seventh [77th] meeting of the Senate held on 02.07.2023 on the proposal to consider the recommendation of the Committee relating to EAA course implementation under the Chairmanship Prof. Ravi Prakash including the associated financial aspects.

The Finance Committee noted the following:

1. Financial aspects associated to EAA course implementation, are as under:

Courses	Department coordinating the course	Total estimated expenditure
1. Yoga and Ayush for Human Well Being (EAA-B course) 2. Health, Personal Hygiene and Balanced Diet (EAA-B course)	SMS	Rs. 1,36,800 per semester
1. Indian Traditional Music (Vocal) (EAA-B course) 2. Indian Traditional music (Instrumental) (EAA-B course) 3. National Service Scheme (EAA-B course) 4. National Cadet Corps (EAA-B course)	HSS	Rs. 2,91,200 per semester + Rs. 1,00,000 (one time) for non-recurring expenditure on Computer/ Projector etc. for NSS Rural visit + Rs. 65,000 per semester for expenses for conducting rural visit. (NSS)
Social Service by Imparting Science / Technology Education to surrounding communities (in hybrid mode) (EAA-A course)	HSS	Rs. 1,00,000 (one time) for non-recurring expenditure on Computer/ Projector etc. Rs. 5,00,000 per semester for field visits.
Faculty engagement for Non-native/ Foreign Language (EAA-A course)	SMS	Approx. Rs. 3,00,000 per semester for at least 3 courses
Games/ Sports/ Athletics courses	SAC	Three sports courses Approx. Rs. 3,00,000

	per semester
Total	**Non-Recurring Expenditure Rs. 2,00,000 (one time)** **Recurring Expenditure Rs. 15,93,000 per semester** Proposed cost : approximately Rs. 1200/- per student per semester.

2. Institute will collect additional ₹**1200.00 per student per Semester** for providing necessary academic and infrastructure facilities for efficient delivery of EAA Courses.

The Finance Committee also advised the Institute to prepare the guidelines for generation of IRG for such programmes in near future in holistic manner.

The Finance Committee resolved to accept the proposal for including the associated financial aspects and recommended the same to the Board of Governors for approval, for further submission to the Ministry of Education for approval.

[C]   The Finance Committee considered the recommendation of the Seventy-seventh [77th] meeting of the Senate held on 02.07.2023 on the proposal for establishing the Centre for Sustainable Energy in the Institute as Centre of Excellence.

The Finance Committee noted the summary of fund required for establishing the Centre for Sustainable Energy in the Institute as Centre of Excellence as under:

	Item	Budget (in Rupees)
A.	Salaries/ wages* (per annum)	19,20,000.00
B.	Renewable Energy Laboratory	76,65,000.00
C.	Computational Research Laboratory	53,50,000.00
	Grand Total (A+B+C)	**1,49,35,000.00**

The Finance Committee advised the Institute to prepare Guidelines / SoP for operating such Centers in the Institute and the modalities be decided for generation of IRG.

Considering the above, the Finance Committee resolved to accept the proposal for establishing the Centre for Sustainable Energy in the Institute as Centre of Excellence and recommended the same to the Board of Governors for approval, for further submission to the Ministry of Education for approval.

Item No. 68.08 : **To consider the Institute proposal to offer financial support upto ₹5.00 Lakhs to the newly joined (joining the Institute in the year 2023 and thereafter) faculty members of the Institute for pursuing projects and establishing their state of the art and research facility from the funds generated under Consultancy Head of the Dean (R&C).**

Resolution : The Finance Committee considered the Institute proposal to offer financial support upto ₹5.00 Lakhs to the newly joined faculty members (joining the Institute in the year 2023 and thereafter) for pursuing projects and establishing their state of the art research facility from the funds generated under Consultancy Head of the Dean (R&C).

The Finance Committee noted the details of the proposal as under:

(i) The scheme invites research proposals upto ₹5,00,000/- (Rupees Five lakhs only) from the faculty members who have joined the institute in the year 2023 and thereafter.

(ii) The proposals should be in line with their research expertise as well as research priorities of their respective departments. The proposals should also demonstrate the feasibility and potential impact of the proposed research.

(iii) The duration of the project is one year, extendable upto two years based on satisfactory progress.

(iv) The project funds can be utilized for procuring equipment, computers, consumables, contingency.

(v) The project investigators are expected to submit periodic reports every six months and a final report at the end of the project.

Considering the above, the Finance Committee resolved to accept the Institute proposal to offer financial support upto ₹5.00 Lakhs to the newly joined faculty

members (joining the Institute in the year 2023 and thereafter) for pursuing projects and establishing their state of the art and research facility from the funds generated under Consultancy Head of the Dean (R&C) and recommended the same to the Board of Governors for consideration and approval.

The meeting ended with thanks to the Chair.

17/08/23

[Ramesh Pandey]
Registrar/ Member Secretary

Approved

27/8/23

[Rama Shankar Verma]
Chairman, Finance Committee &
Director, MNNIT Allahabad

रसायन विभाग
मोतीलाल नेहरु राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद, प्रयागराज-211004

Department of Chemistry
Motilal Nehru National Institute of Technology Allahabad, Prayagraj -211004

Letter No.: /06/CHEM/2023-24

Date: 28/07/2023

Registrar
MNNITA, Prayagraj

Your Reference	:	356/Acad. /Senate/2023 Dated: July 25, 2023
Our Reference	:	104/CHEM/2023-24 Dated: 27/07/2023

Subject	:	Approved M.Sc. in Applied Chemistry programme with details of financial, faculty requirement & Course Curriculum in line with NEP 2020

For consideration of the finance committee & BoG on the above subject matter is prepared in line with NEP 2020.

Please do needful at your end.

(P. K. Dutta) 28/7/23
HoD, Chemistry

Letter No.: *104*/CHEM/2023-24   Date: 27/07/2023

The Registrar
MNNITA, Prayagraj

Through: Dean (Academic)

Reference No. 01	:	M.Sc. in Applied Chemistry programme approved by Resolution no. 63.14 of 63rd meeting of Senate held on 15.04.2019
Reference No. 02	:	77th meeting of Senate held on 02.07.2023 vide resolution no. 77.16
Subject	:	Approved M.Sc. in Applied Chemistry programme with details of financial, faculty requirement & Course Curriculum in line with NEP 2020
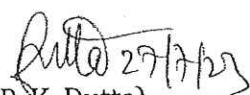
Please refer to letter No.356/Acad. /Senate/2023 Dated: July 25, 2023 for consideration of the finance committee & BoG on the above subject matter, the following documents are being sent for necessary action, please:

Document 01	:	Details of financial & Faculty requirements.	[Page 1]
Document 02	:	Course Curriculam in the line with NEP 2020	[Page 2-6]

(P. K. Dutta)
HoD, Chemistry

Forwarded

28/07/2023

New P.G. Programme for M.Sc. in Applied Chemistry

Details of Financial Budget

A. Budget required to start the new programme

S. No.	Head of Expenditure	Funds required	Justification
01	Recurring Grant	3.5 Lakhs	Since the Department is going to start M.Sc. Chemistry programme, the preparation & setup of lab & equipments, fund required.
02	Non-Recurring Grant	30.00Lakhs	

B: Faculty Requirement: 04 (Four) [In the level of 10/11/12]

ANNEXURE-II

भौतिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज – 211004 (उ0प्र0), भारत
Department of Physics
Motilal Nehru National Institute of Technology Allahabad
Prayagraj – 211004 (U.P.), India

Head   May 2, 2023
Department of Physics

Kindly take reference of letter no. 211/REg. Off./2023-24 dated April 27, 2023. The information asked in the letter is provided below. Supporting documents are attached herewith the letter.

1. Detailed proposal of the program incorporating NEP-2020 provisions preferably: Attached as Annexure.

2. Tentative Budget requirements/ financial implications on the institute:

Sr. No.	Particulars	Quantity	Estimated Cost / Expenditure / Budget
1.	Number of Faculty required	7	As per rule
2.	Laboratories and Equipment required	3 Laboratories	₹55,00,000
3.	Computers and Software required	60 Computers, Matlab, Mathematica, LabVIEW	₹60,00,000
4.	Books and Journals required	≥ 200 Books, Journals subscribed for Ph.D. will be utilized, No additional requirement for journals	₹2,00,000
5.	Hostel Rooms required	29 (Boys + Girls)	As per rule
6.	Class Rooms required	2	As per rule

With regards

Ravi Prakash
Convener, DMPC
Physics Department

Annexure: Detailed proposal of the program including minutes of Department meeting dated June 7, 2022 to finalize faculty, lab and hostel requirement.

Registrar
Forwarded for kind consideration please.

cc: Dean Academic

विभागाध्यक्ष, भौतिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज – 211004 (भारत)

No.211 / Reg. Off./ 2023-24   Dated: April 27, 2023

Dean (Academics)

Subject	:	Starting two new PG courses in Physics and Applied Chemistry as per the recommendations of the Senate –reg.
Reference	:	Your letter No. 21/Acad./2023 dated 12.04.2023.

Dear Sir/ Madam,

Please refer to your letter dated 12.04.2023 on the subject cited above.

The said letter encloses the minutes of the Seventy-fifth [75th] meeting of the Senate, regarding "starting two new PG courses in Physics and Applied Chemistry."

In this connection, it is to inform that the Ministry of Education vide letter D.O.F.No.33-3/2018-TS.III, dated 27.12.2019 has communicated that in order to restrict the over expenditure owing to starting of new programmes by NITs, the institutions need to seek prior approval of the Ministry of Education, before making any budgetary provisions for the same. The Ministry of Education has also directed that in order to seek prior approval of the Ministry, Institutions need to submit the detailed proposal, after the approval of the Finance Committee/ Board of Governors.

In view of above, you are requested to provide the following information along with supporting documents for further processing and placing the same before Finance Committee/ Board of Governors:

(i)   Detailed proposal of the programmes incorporating NEP-2020 provisions preferably.
(ii) Tentative Budget requirements / financial implications on the Institute.
(iii) Requirements for smooth running of the programmes as under:

Sl. No.	Particular	Requirements/ Tentative Budget	
		Quantity	Estimated Cost/ Expenditure/ Budget
1.	Number of Faculty required		
2.	Laboratories and Equipment required		
3.	Computers and Software required		
4.	Books and Journals required		
5.	Hostel Rooms required		
6.	Class Rooms required		

Please provide the above information along with supporting documents at the earliest (latest by **May 07, 2023**) to the **Office of the Registrar** for onwards submission of the proposal to the Finance Committee / Board of Governors for approval.

This is for your kind information, please.

Regards,

Yours

[Ramesh Pandey]
Registrar [Oftg.]

Chairman, SMPC
R.Tewari
28/4/2023

Please provide the above information at your earliest but not later than 03.05.2023
01.05.2023
Head, Deptt. of Physics
Head, Deptt. of Chemistry

No. 2\\ / Reg. Off./ 2023-24   Dated: April 27, 2023

Copy to:

1. Director, MNNIT Allahabad.

[signature]
27/04/23

[Ramesh Pandey]
Registrar [Oftg.]

भौतिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज –२११००४ (उ०प्र०), भारत
Department of Physics
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 (U.P.) India

दिनांक.०७/06/2022

अध्यक्ष, एस०एम०पी०सी० /(Chairman SMPC)

महोदय,

एस०एम०पी०सी० (SMPC) की दिनांक 02/02/2022 मंत्रणा में क्रमांक 8 पर अनुशंसित निर्णय के अनुसार, भौतिकी विभाग ने दिनांक 13 मई 2022 को विभाग की बोर्ड आफ अकेडिमिक (Board of Academics, BoAC) की मीटिंग आहुत की गई। इस BoAC मीटिंग में विभाग द्वारा प्रस्तावित द्विवर्षीय M.Sc. Physics *के पाठ्यक्रम पर विस्तृत चर्चा की गयी। चर्चा के उपरान्त BoAC द्वारा* M.Sc. Physics का अनुशंसित पाठ्यक्रम इस पत्र के साथ मूल प्रति में संलग्न किया गया है।
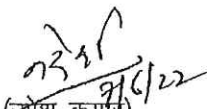
इसके अतिरिक्त प्रस्तावित M.Sc. Physics प्रोग्राम हेतु आवश्यक संकाय सदस्यों, प्रयोगशालायें और दाखिले की प्रक्रिया के सम्बन्ध में विभाग के संकाय सदस्यों नें दिनांक जून 07, 2022 को आहूत बैठक में अनुशंसित मिनट्स भी इस पत्र के साथ संलग्न किये गये हैं।

आपके अवलोकनार्थ एवं उचित कार्यवाही हेतु प्रेषित।

(नरेश कुमार)
विभागाध्यक्ष, भौतिकी विभाग
विभागाध्यक्ष, भौतिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज - 211004 (भारत)

प्रतिलिपि:

1. अधिष्ठाता (शैक्षिक)

(नरेश कुमार)
विभागाध्यक्ष, भौतिकी विभाग
विभागाध्यक्ष, भौतिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज - 211004 (भारत)

भौतिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज –२११००४ (उ०प्र०), भारत
Department of Physics
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 (U.P.) India

Agenda Item No.2: To finalize the requirements of Faculty members, Laboratories, Hostel etc. for the proposed M.Sc. programme.

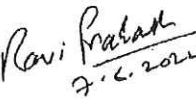**Recommendations:** The department recommended following requirements for the proposed M.Sc. Physics programme.

Sr. No.	Requirements	Numbers	Remarks
1.	Faculty Requirements	07	Ref. 944/CSED/2018 dated 08/03/2018 and Ref. F.No.33 – 9/2011-TS.III [APPENDIX. - A2 (DISTRIBUTION OF FACULTY POSTS AMONG DEPARTMENTS)] – Copy attached
2.	Laboratory Requirements	03	(A) General Physics Laboratory/Electronics Laboratory (B) Advanced Physics Laboratory (C) Computation Laboratory
3.	Hostel room requirements	29	As per proposed intake

Further, the mode of admission to the proposed M.Sc. Physics programme will be through Joint Admission Test for M.Sc. (JAM) and Centralized Counselling for M. Sc./M. Sc. (Tech.) Admission (CCMN) based on JAM score.

Meeting ended with the thanks to the Chair.

(S N Pandey)   (Animesh K Ojha) 16/22   (Ravi Prakash) 7.6.2022   (Naresh Kumar) 7/6/22

भौतिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज –२११००४ (उ०प्र०), भारत
Department of Physics
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 (U.P.) India

June 07, 2022

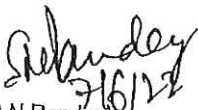### Minutes of the meeting of the Faculty members of the Department

The meeting of the Faculty members of the Department was convened on June 07, 2022 at 03:00 PM in the office of HOD. Following members attended the meeting:

1. Dr. Naresh Kumar   Associate Professor & HOD
2. Prof. S. N. Pandey   Professor
3. Dr. Animesh K. Ojha   Associate Professor
4. Dr. Ravi Prakash   Assistant Professor
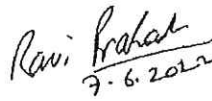
Agenda Item No.1: To discuss the observations received from MED, Chemical Engg. Dept and CED for the BoAC recommended B.Tech. 1st Semester syllabus to be implemented in accordance with NEP.

Recommendations: The department discussed letters/email received from Head CED, MED and Chemical Engineering Department regarding their observations on B.Tech. 1st Semester syllabus of Engineering Physics (I/ II/ III) courses recommended by the BoAC of the Physics Department. The department recommends the following

(A) As requested by Chemical Engineering Department, the proposed Engineering Physics – I may be allotted for B.Tech. students of Chemical Engineering Department.

(B) As requested by Civil Engineering Department, the proposed Engineering Physics – I may be allotted for B.Tech. students of Civil Engineering Department.

(C) With regard to email received from Head MED dated May 25, 2022, the department considers the minor modifications in the syllabus of Engineering Physics – II [Mechanical, Production & Industrial Engineering Branches] and the same is attached herewith as Annexure – I.

(S N Pandey)   (Animesh K Ojha)   (Ravi Prakash)   (Naresh Kumar)

Page 1 of 2

भौतिकी विभाग

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद, प्रयागराज -211004 भारत

Physics Department
Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004 INDIA

L. No - 1128| Phyl.2023

August 3, 2023

Minutes of the meeting

The meeting of DFAC was convened on 01.08.2023 in the office HoD. Following members attended the meeting

1. Prof P P Sahay   Professor
2. Dr A K Ojha   Associate Professor
3. Dr Naresh Kumar   Associate Professor & HOD

Agenda of the Meeting:

1. To discuss the matter related to the purchase of books/journal for central library.
2. Any other matter

Recommendations

1. The DFAC discussed the requirement of the books for the proposed M.Sc. physics programme and recommended for the purchase of the books as per list enclosed.
2. The DFAC also recommended to continue the list of journal already subscribed by the Department.
3. In any other item, it was brief by the HOD the already approved M.Sc. Physics programme by the Senate is likely to be put up in the forthcoming meeting of BOG. With regard to the upcoming BOG meeting, it was asked by the Registrar whether the proposed M.Sc. programme is in accordance with NEP-2020 or not. It was clarified that the proposed M.Sc programme was prepared in accordance with NEP-2020. The DFAC further clarifies that the proposed M.Sc. Physics programme is in accordance with NEP-2020.

The meeting ended with the thanks to the Chair

(P P Sahay)   (A K Ojha) 03|08|23   (Naresh Kumar) 3/8/23

Registrar

Sir,
    With regard to the proposed M.Sc. Physics programme, the recommendations of DFAC is submitted for your kind consideration please.

4.8.23

Head, Department of Physics
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004, INDIA

Copy to: Dean (Academic)
4.8.23

AR (A-II)
04/08/23

1 Unique features of the program

The Masters of Science (M.Sc.) in Physics is a two-year (four-semester) program with following, unique features:

➢ This two-year program is intended to provide basics of physics in the first year and applied, aspects of physics in various fields in the second year through electives, projects and core, courses. Some of such electives are as follows:

Condensed Matter Physics - II	*Molecular Spectroscopy*	*Plasma Physics*
Nanostructured Materials	*Introduction to quantum computing*	*Physics of Biological Systems*
Nonlinear Dynamics and Chaos	*Thin Film Technology*	*Advanced Materials Characterization*
X-ray and Electron Diffraction	*Virtual Instrumentation: LabVIEW*	*Energy storage systems*
Molecular Orbital Theory and Electronic Spectra of Molecules		

➢ In addition to employability of the students in different industries, the program is designed in, such a way so that students can qualify various international and national level competitive, exams including GRE, TOEFL, GATE, CSIR-JRF, JEST and other higher-educational, entrance exams.

➢ The students shall learn in-depth in their area of interest through **research projects** of one-year duration.

2 Objective of the program

The program shall develop basic understanding of physics and prepare students for the challenges in the field of research and development, academia, and industry by providing them in-depth knowledge through projects and electives in their field of interest.

3 Technical details

➢ Degree on offer: The department of physics shall offer the degree "Master of Science (M.Sc.) in Physics".

➢ Total intake: 29 Students.

➢ Eligibility:

i.   B.Sc. with physics as one of the subject in the final year.

ii. Candidates should have minimum 60% marks (or CGPA 6.5/10) in aggregate of all semesters/years and for SC/ST/PwD candidates 55% marks (or CGPA 6.0/10) in aggregate of all semesters/years.