

# Ph.D. Admissions Session, 2022-23 (Even Semester)



## INFORMATION BROCHURE



प्रवेश प्रकोष्ठ || Admission Cell

अधिष्ठाता (शैक्षिक) कार्यालय || Office of the Dean (Academic)

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद, प्रयागराज - २११००४, उत्तर प्रदेश, भारत  
Motilal Nehru National Institute of Technology Allahabad, Prayagraj - 211004, UP, INDIA

S.N.	Particulars	Page No.
1.	Admission Categories of Ph.D. Research Scholars	3
2.	Eligibility for Admission	4
	➤ Ph.D. in Engineering	4
	➤ Ph.D. in Management, Humanities and Social Sciences	4
	➤ Ph.D. in Sciences	5
	➤ Ph.D. in Geographic Information System (GIS) Cell	5
3.	Department wise area of research	5
4.	Application Procedure	9
5.	Admission Criteria	11
6.	Documents required	12
7.	Important dates	13
8.	Fee structure	13

- ❖ The candidates are advised to read information brochure carefully and visit our website <https://academics.mnnit.ac.in/admission2022> regularly for updates.
- ❖ In case of any legal dispute related to admission, the jurisdiction will be limited to courts in Prayagraj only (Lower, District and High Court) and will not be subject to the jurisdiction of any other courts outside Prayagraj.

## 1. Admission Categories of Ph.D. Research Scholars

All the Departments offer full-time and part-time Doctoral Programmes under following categories. The category code is also given in the table below:

Sl. No.	Description	Category Code
I.	Institute Stipendiary Full-Time Research Scholar	11
II.	Sponsored Full-Time Research Scholar	13
III.	Faculty/Staff/Sponsored Project Fellow of MNNIT Allahabad: Part-Time Research Scholar	14
IV.	Sponsored Part-Time Research Scholar	15

### Institute Stipendiary Full-Time Research Scholar (Category Code-11)

These scholars shall be eligible for financial assistance in the form of fellowship at the approved rates and guidelines as notified by MHRD from time to time. The fellowship shall be awarded to the students of this category on a Semester-to-Semester basis on the satisfactory academic performance of the scholar.

### Sponsored Full-Time Research Scholar (Category Code-13)

Under this category those students who receive fellowship from other agencies such as UGC, CSIR, DST, AICTE, etc are covered. It also includes QIP candidates.

### Faculty/Staff/Sponsored Project Fellow of MNNIT Allahabad: Part-Time Research Scholar (Category Code-14)

Under this category 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. Project fellows shall be registered under the PI (s)/Co-PIs in the same department where the Project has been sanctioned.

### Sponsored Part-Time Research Scholar (Category Code-15)

Under this category, 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 fulfill the following conditions:

- (i) The candidate must have a total work experience of at least 10 years with a minimum of 04 years continuous service with the present employer.
- (ii) The candidate must submit a No Objection Certificate from employer at the time of interview.

Candidates may also be admitted under this category under MoU signed between the Institute and other university/organization/institution/industry.

**Note:** The candidates in respective categories are required to fulfill the eligibility requirement mentioned in the Section 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 fulfillment of eligibility requirement. Such candidates will be required to complete residence requirement as per Clause 7 of the Ordinances of doctoral programmes.

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

## 2. Eligibility for Admission

1. 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.
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 the candidate's award sheet shall be acceptable).
3. For admission to course categories 11, 13 & 14 candidates must have successfully passed the GATE / NET examination.
4. Reservation in the Programme shall be done as per the Government of India Rules.

### 4.3.1 Ph.D. in Engineering

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

or

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.

### 4.3.2 Ph.D in Management, Humanities and Social Science

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

or

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.

#### 4.3.3 Ph.D in Sciences

First class in Master's degree in relevant discipline of science and mathematics with a minimum 60% Marks or CPI 6.5.

or

Bachelor's Degree in Engineering with marks not below 75% or CPI 8.0.

#### 4.3.4 Ph.D in Geographic Information System (GIS) Cell

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

or

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

or

Applicant with a 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)

#### Note:

- For foreign students, valid GRE will be applicable in place of NET/GATE qualification.

### 3. Department wise area of Research

Name of the Department / School / Cell	Department wise Area of Research
Applied Mechanics	Biomechanics, Robotics, Rehabilitation Engineering, Biomaterials, Electroacoustic, Acoustics, Acoustic Materials, Composites, Ceramics & Bio-ceramics, Noise, MEMS, Mechanical and corrosion behaviour of metals and alloys, Design and development of microwave absorbers, Synthesis and Characterization of nano-materials, Thermo-mechanical behavior of nano-filler dispersed polymers, High Entropy Alloys, Smart materials, Polymers and Composites, Material Modeling, Additive Manufacturing, Solid mechanics, Fiber reinforced composites, Textile composites, Inhomogeneous materials, Mechanics of materials, Constitutive modelling, Micromechanics, Multi-scale modelling, Failure behaviour of materials, Damage mechanics, Fracture mechanics, Computational Fluid Dynamics and Material Development, Fluid Dynamics (Improving performance of centrifugal pumps, Y ducts, capsule transport, cyclone separators and flow control), Bio-fluid dynamics (Development of Inhaler for pulmonary drug delivery), Materials (Modeling of Friction Stirred Welding), Solid Mechanics & Smart Composite Structures, Fluid Dynamics, Bio-Fluid Dynamics, Aerodynamics & Flow Control, Turbomachines, CFD & Turbulence, Green & Renewable Energy, Multiphysics & Multiscale Modeling, Engineering Education & Educational Technology, Multiphase Flows, Fluid Mechanics, Complex Fluids, Machine Learning in Fluids Engineering, Bio-Fluids, Machine Learning in Energy Engineering.

Name of the Department / School / Cell	Department wise Area of Research
Biotechnology	<p>Plant Microbe Interaction; Plant Stress Physiology, Microbiology, Bioremediation and resource recovery, Phyto remediation, Biological wastewater treatment, Microbial Fuel cells, Microbial diversity study, Environmental nanotechnology, Microalgae, Environment Biotechnology, Biowaste to biofuel (biohydrogen, biodiesel etc.) And other valuable biodegradable items and bioresource generation and technology development, Genetically engineered microbes for enhancement of the yield of biofuel, Development of diagnostic markers for bacterial diseases and breast and colorectal cancer, Application of nanoparticles (fluorescent, magnetic, metal, photosensitive) in disease (microbial and genetic) identification/drug delivery/renewable energy production for human welfare, Biosphere protection and sustainability, physiological and molecular changes of vigno mungo (black gram i.e. Urd daal) under abiotic and biotic stresses and identification of molecular markers for screening and generation of elite varieties, Screening nutraceutical potential of societal relevance from plants and microbes, Agricultural Biotechnology, Functional and Applied Genomics, Whole Genome Sequencing based association mapping, Deep Machine learning for High throughput phenotyping, Nano particles mediated abiotic stress management in plant, Bioprospecting of fresh water algae, Enzyme Technology, Microbial Technology, Biopolymer synthesis, Biotransformation, Process and product development, Bioprocess Technology, Fermentation, Biochemical Engineering, Biofilm, Quorum sensing, Host-pathogen interaction, Nano technology in diagnostic assay development and therapeutic application, Medical Biotechnology, Immunology and Immune regulation, Bioinformatics, Molecular biology of Alzheimer's disease, drug designing, Cancer biology, Cancer Epigenetics, Biomarker development and Molecular diagnostics, Colorectal Cancer, Gene Regulation, CRC Biomarkers.</p>
Chemical Engineering	<p>In the field of engineering:            Chemical Engineering; Chemical Technology; Biotechnology; Biochemical Engineering; Bioprocess Engineering; Fodd Engineering; Polymer Technology; Petroleum Engineering; Petrochemicals Technology; Material Engineering; Energy Engineering; Thermal Engineering; Environmental Engineering; Pharmaceutical Engineering; Leather Technology; Paint Technology; Oil fats, and Surfactant Technology; Pulp and Paper Technology; Biomedical Engineering; Control System Engineering; Agricultural Engineering and any other relevant discipline</p> <p>In the field of science:            Industrial Chemistry, Applied Chemistry, Physical Chemistry, Green Chemistry, Food Chemistry, Biochemistry, Environmental Science, Polymer Science and any other relevant discipline</p>
Chemistry	<p>(i) Polymer Chemistry;            (ii) Chemistry of metal alkoxides as precursors in the sol-gel process for nonmaterial's;            (iii) Cation /anion detection by chemosensors.</p>

Name of the Department / School / Cell	Department wise Area of Research
Civil Engineering	Environmental Engineering, Geotechnical Engineering, Structural Engineering, Survey and Geoinformatics, Transportation Engineering, Geology, Water Resources Engineering.
Computer Science and Engineering	Data, System, & Network centric Computing, Real Time Systems, Fault Tolerant System, Computer Network, Distributed System, Networking , Operating Systems, Service, Oriented Architecture, Software Engineering, Operating System, Database Systems, Machine Learning Data Mining, Information Retrieval, Big Data Analytics, Cloud Computing, Information Security, Semantic Web, Data Engineering, Artificial Intelligence, Blockchain Technology, Object Oriented Systems, Verification and Validation of Systems Image Processing, Software Engineering.
Electrical Engineering	<p>Power System – Power system dynamics and stability, optimal operation and planning. Power system protection. Power quality, Wide Area Monitoring and Control, Power Systems Regulation, Electricity Market, Smart grid, Micro Grid, Active Distribution, Intelligent Agents and their Applications, Cyber-Physical Security of a Smart Grid Infrastructure, Grid Integration of Renewable sources &amp; Storage, and protection,</p> <p>Power Electronics- Power Electronics and its Control, Power Converters, and Electrical Drives, Utility Interfaces for Renewable Sources and Energy Storage, Reliability of Converters, Wide Band gap Semiconductors (GaN/SiC)-based converters, Thermal management in Power Electronics, Power Converters and Modulation methods, Hybrid AC and DC Microgrid, Fuel cell Power Generation, Wired and Wireless Charging of Electric Vehicles, Grid independent and Fuel cell based Electric Vehicles</p> <p>Control System - Practical/ real-time applications of Control Systems theory, Linear and Nonlinear Systems, Adaptive &amp; Optimal Control, Robust control, Time-delay systems, Stochastic Processes, Detection, and Estimation, Multi-agent systems and coordinated control, Intelligent Systems and Control, Robotic Systems, Manipulators, System Health Monitoring and Intelligent Fault Diagnosis Systems, Cyber-Physical Systems, Intelligent Informatics, Unmanned Aerial Vehicles.</p>
Electronics and Communication Engineering	<p>VLSI: Analog IC Design, VLSI design, Device Modeling, Low Power VLSI Circuit, Analog Circuit Design, Residue Number System based Circuit Design, Mixed Mode VLSI Design, Semiconductor Device Modeling and Simulation, Fabrication and modeling of Thin Film Devices for Electronics, Spintronics, Gas Sensing and Optoelectronic Applications, LED and Photo detector fabrication for biomedical applications etc.</p> <p>Communication: Digital Communication, Optical Communication, Wireless &amp; Mobile Communication, Data Communication and Networks, Cognitive Radio Networks, Wireless Sensor Networks, IoT, Ad-hoc Networks, Telemedicine Networks, Antenna design, RF &amp; Microwave, Microwave Radar Imaging, Stealth Technology-Microwave absorber, Microwave sensors for non-destructive testing etc.</p> <p>Signal Processing: Finite word length effects in digital filters, Multidimensional Systems, Delayed systems, Signal &amp; Image</p>

Name of the Department / School / Cell	Department wise Area of Research
	Processing, Embedded Signal Processing, Digital Filter Structures, Multiplier less Filters, Biomedical Signal & Image Processing, Digital Watermarking and Data Hiding, Data Compression, Medical Instrumentation etc.
Geographic Information System (GIS) Cell	GNSS and advance InSAR, Artificial Intelligence (AI) for Earth Observation, Atmospheric Remote Sensing, Space Geodesy. LiDAR and imagery data generation and processing for scientific and industrial applications; Multi-sensor integration, calibration and data fusion for precision remote sensing. GIS, Web GIS, Image Processing, Neural Networks. Neural network and Fuzzy applications in image processing. Spatial Data Infrastructure, Climate Change, Glaciology, Urban Planning. GIS Application in Environmental Engineering. Location Based Sensing Technologies, Application of Geospatial Technologies to Transportation Engineering. Multi-criteria decision Making using GIS and Remote Sensing.
Humanities and Social Sciences	Human Resource Management, Public Policy, Accounting and Finance, Economics, English Literature, Applied Psychology, Industrial Psychology, Organisational Behaviour, English Language Teaching, Applied Linguistics.
Mathematics	Topology, Fuzzy Optimization, Cryptography, Fluid Dynamics, Differential Equation, Soft Computing and Ramanujam Mathematics, Fluid Mechanics, Computational fluid dynamics, Numerical Analysis, Applied functional analysis, fixed point theory.
Mechanical Engineering	Design Engineering, Production Engineering, Thermal Engineering.
Physics	<p>1) Experimental Condensed Matter Physics:</p> <p>(a) Functional oxide, magnetic, and multiferroic materials (Nanostructures and thin films) for biomedical, chemical/gas sensing and energy applications.</p> <p>(b) Synthesis, and Optical Properties of Graphene, Graphene Quantum Dots, Graphene-metal Oxide Composites and Their Applications as Charged Storage and Photo-catalytic Materials. Synthesis and Studies on Size and Shape Dependent Optical and Magnetic Properties of Low Dimensional Materials.</p> <p>(c) Carrier Transport in Thin Films, Gas Sensors, Supercapacitor.</p> <p>(d) Solar Energy Materials, Carrier Transport in Thin films, Solid State Gas Sensors</p> <p>3) Theoretical Physics:</p> <p>(a) Dynamics of Nonlinear and Damped Systems, Symmetry and Integrability, Fractal and Multi-Fractal Analysis, Quantum Computing: Entanglement Dynamics.</p> <p>(b) Designing and Simulation of Organic-Inorganic Hybrid Perovskite Materials for Solar Cell Applications.</p> <p>(c) Quantum chaos, Random matrix theory and its applications, Embedded ensembles of random matrices, Dissipative/open quantum systems, Nonlinear dynamics and complex systems, Quantum entanglement, Out-of-time-order-correlators. Entanglement entropy and operator entanglement.</p>
School of Management Studies	Financial Derivatives, Investment Analysis, Risk Management, Investor Behaviour, Management Information Systems, E-governance, IS/IT Planning, E-business, Digital Marketing, Supply Chain Management, Relationship Marketing, Green IT,



Name of the Department / School / Cell	Department wise Area of Research
	Entrepreneurship and Small Business, Human Resource Management, Organisational Behaviour, Consumer Behaviour, Social Marketing, Advertising, Ethical Marketing, Brand Management, Retail Management, Strategic Management, Sustainability Marketing, Green Consumption, Customer engagement, Sustainable Consumption, Green Business Practices, Green Marketing, Innovation, Operations Management, Manufacturing Strategy, Strategic Information Systems (IS), Production Planning and Control, Operations Research, Optimization Techniques, Data Mining and its Applications in Manufacturing.

#### 4. Department wise maximum available seats in different course categories

Ph.D. Course Category 11 (Full-time Institute Stipendiary)						
Department /School / Cell	Seats available for Even Semester 2022-23					
	OP	OBC	SC	ST	EWS	Total
Applied Mechanics	0	3	1	1	0	5
Biotechnology	0	0	0	1	0	1
Chemical Engineering	2	1	1	0	0	4
Chemistry	1	1	0	0	1	3
Civil Engineering	3	0	0	1	0	4
Computer Science and Engineering	4	4	2	1	2	13
Electrical Engineering	0	0	0	2	0	2
Electronics & Communication Engineering	5	4	2	1	1	13
* GIS Cell	0	0	0	0	0	0
Humanities and Social Sciences	0	0	1	0	0	1
Mathematics	0	0	0	1	0	1
Mechanical Engineering	4	2	2	2	1	11
Physics	0	1	1	0	0	2
* School of Management Studies	0	0	0	0	0	0
<b>Total</b>	<b>19</b>	<b>16</b>	<b>10</b>	<b>10</b>	<b>5</b>	<b>60</b>

\* NIL seats are available against Course Category 11.

The number of seats for Course Category 13, 14 and 15 are subject to availability in the respective Departments/School/Cell.

#### 5. Application Procedure

- I. Applicants are required to submit their application through on-line application system using the portal <https://academics.mnnit.ac.in/admission2022> only. "No other means of application shall be acceptable".
- II. There are two steps in online application procedure

**Step-1 REGISTER BY FILLING YOUR PERSONAL DETAILS:**

- Please fill the correct details as required in the given field
- An application ID, required for further processing, would be generated in this step

**Step-2 ONLINE FILLING OF APPLICATION FORM AND ONLINE PAYMENT OF APPLICATION FEES:**

- Log-in with application ID generated after step 1

- Prior to filling the online application form, please make sure that you have:
  - Scanned copy of all your documents in **.pdf format (size up to 1 MB)**.
  - Your passport size photograph in **JPEG format (size up to 30 kB)**.
  - Photograph of your signature in **JPEG format (size up to 30 kB)**.
- After login, follow the on-screen instructions to fill the online application form.
- Please pay the non-refundable Application fee by SBI-MOPS (online digital payment gateway from SBI) - Rs.1200/- (Rs.600/- for SC/ST/PwD candidates).
- Fill all the details carefully. No change in the filled details will be permitted later on.
- Submit the required documents, your photograph and photo of your signature.
- If a candidate is applying in more than one department, then he/she should fill **separate application forms with the prescribed application fee for each department**.
- Take print out the form, paste same photograph which was uploaded, attach all required documents and send it to the respective department at the address mentioned in the table below:

Sl. No.	Name of Department / Cell / School	Head of Department / Chairperson Cell	Postal Address [For sending the completed application form]	Email ID / Telephone No. [For any Query]
1.	Department of Applied Mechanics	Dr. Abhishek Kumar	To, The Head, Department of Applied Mechanics, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hamd@mnnit.ac.in  +91-532-227-1201
2.	Department of Biotechnology	Dr. Sangeeta Negi	To, The Head, Department of Biotechnology, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hbiod@mnnit.ac.in  +91-532-227-1231
3.	Department of Chemical Engineering	Prof. Sadhana Sachan	To, The Head, Department of Chemical Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hchemicald@mnnit.ac.in  +91-532-227-1581
4.	Department of Chemistry	Prof. P. K. Dutta	To, The Head, Department of Chemistry, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hchemd@mnnit.ac.in  +91-532-227-1281
5.	Department of Civil Engineering	Prof. P. K. Mehta	To, The Head, Department of Civil Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hced@mnnit.ac.in  +91-532-227-1301
6.	Department of Computer Science and Engineering	Prof. D. K. Yadav	To, The Head, Department of Computer Science and Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hcsed@mnnit.ac.in  +91-532-227-1351
7.	Department of Electrical Engineering	Prof. Rajesh Gupta	To, The Head, Department of Electrical Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	heed@mnnit.ac.in  +91-532-227-1401
8.	Department of Electronics and Communication Engineering	Prof. R. A. Mishra	To, The Head, Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	helexd@mnnit.ac.in  +91-532-227-1451

Sl. No.	Name of Department / Cell / School	Head of Department / Chairperson Cell	Postal Address [For sending the completed application form]	Email ID / Telephone No. [For any Query]
9.	Geographical Information System [GIS] Cell	Prof. V. K. Srivastava	To, The Chairperson, Geographical Information System [GIS] Cell, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hgisc@mnnit.ac.in  +91-532-227-1341
10.	Department of Humanities and Social Sciences	Dr. Ravindra Tripathi	To, The Head, Department of Humanities and Social Sciences, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hsssd@mnnit.ac.in  +91-532-227-1295
11.	Department of Mathematics	Dr. Gorakh Nath	To, The Head, Department of Mathematics, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hmathd@mnnit.ac.in  +91-532-227-1251
12.	Department of Mechanical Engineering	Prof. K. N. Pandey	To, The Head, Department of Mechanical Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hmed@mnnit.ac.in  +91-532-227-1501
13.	Department of Physics	Dr. Naresh Kumar	To, The Head, Department of Physics, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hphyd@mnnit.ac.in  +91-532-227-1266
14.	School of Management Studies	Dr. Vibhuti Tripathi	To, The Head, School of Management Studies, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, UP, INDIA	hsms@mnnit.ac.in  +91-532-227-1551

## 6. Admission Criteria

The procedure given below for selection is liable to change due to COVID-19 Pandemic and the guidelines given below are only informative in nature.

- Admission to the Ph.D. Programmes under course categories 11 (Institute Stipendiary Full-Time Research Scholar), 13 (Sponsored Full-Time Research Scholar), 14 (Faculty/Staff/Sponsored Project Fellow of MNNIT Allahabad: Part-Time Research Scholar) and 15 (Sponsored Part-Time Research Scholar) shall be based on written examination and interview of the eligible shortlisted candidates by the DDSC.
- The candidates under Code 13 must fulfill the additional requirements of their sponsoring/funding agency, if any.
- The candidates under Code 15 shall be also evaluated on the basis of recommendation of their employer and a Statement of Purpose along with written examination and interview.
- Project Fellow, if admitted, 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.
- Foreign students shall also be admitted on basis of interview and a Statement of Purpose.
- Candidates applying for admission under course categories 11, 13 and 14 must have successfully passed the GATE / NET examination in relevant branch/subject. Please refer eligibility criteria given in Section 2.
- The list of candidates eligible to appear in the written exam/interview will be displayed on the portal as per the specified schedule. The applicants will appear for the selection process with the condition that they have ascertained their eligibility as per the Information Brochure. The submitted documents for the eligibility will be verified at the time of interview.
- 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.

9. 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.
10. If at any stage during the course of study it is found that any of the documents submitted by the candidate are not correct then his/her admission shall be cancelled and the candidate will be solely responsible for it. Further, the Institute reserves all the rights to take any legal action in accordance with the law.

#### **Important Notes:**

- (i) **Separate application forms** must be filled for courses offered by different departments along with the prescribed application fee.
- (ii) All updates /notifications /results will be declared through the admission portal [www.academics.mnnit.ac.in/admission2022](http://www.academics.mnnit.ac.in/admission2022) only. **No separate admit card/letter will be sent by the institute for appearing in the selection process.**
- (iii) Candidates are advised to visit the admission portal for regular updates.
- (iv) The selected candidate, who has completed all the pre-requisite examinations including project/thesis examination and the viva voce before the date of registration but is unable to produce the certificate in proof of having passed and secured the minimum specified qualifying marks, may be considered for provisional admission. However, if admitted provisionally, they will be required to produce the original documents of the qualifying degree examination within six weeks from the date of registration, failing which the admission will automatically stand, cancelled. In special cases, relaxation to this date may be given by Chairperson, Senate.

## **7. Documents Required**

The candidates are required upload the following documents during online application. Further, they are required to bring these documents in original at the time of physical reporting:

- a. Any Govt. issued Photo Identity Card, preferably Aadhar Card
- b. E-receipt of Fee payment
- c. GATE/NET/JAM Score card (If applicable)
- d. High School (Class X) Certificate
- e. Grade/Mark sheets of qualifying examination for all semesters
- f. Degree/ Provisional certificate (if appearing in qualifying examination, then required to be submitted within six weeks from the date of registration)
- g. Migration certificate (if appearing in qualifying examination, then required to be submitted within six weeks from the date of registration)
- h. Character Certificate (from the Institute last attended).
- i. Letter of award of fellowship (for category 13 only).
- j. Institute ID card for MNNIT Faculty/Staff (for category 14 only).
- k. Letter of appointment for project staff (for category 14 only).
- l. No Objection Certificate from employer (for course category 14 and 15 only).
- m. Certificate of employment (for course category 15 only).
- n. Valid Category certificate (if applicable) in prescribed format of Gol. For candidates belonging to OBC [Non Creamy Layer]/EWS Category, the certificate must be issued on or after 01.04.2022
- o. Undertaking by OBC candidates (Given on admission portal)
- p. Undertaking for correct information

The candidates are also required to bring following documents **at the time of registration.**

- a. Recent Color Passport size Photographs (03 Nos.).

b. Admission letter.

**Note:** The institute reserves the right to refuse admission to any candidate without assigning any reason. All disputes related to admission are subject to Allahabad Courts, Prayagraj only.

## 8. Important Dates\* [Tentative]

Advertisement for Ph.D. admission	09.12.2022
Start of online application process	09.12.2022
Closing date for online application process	22.12.2022 up to 5.00 PM
Last date for receipt of the printed and signed application form	26.12.2022 up to 5.00PM
Publications of the list of shortlisted candidates	30.12.2022
Written examination and interview by all departments/cell*	05.01.2023 to 13.01.2023
Declaration of Ph.D. admission result	20.01.2023
Last date for seat acceptance and Submission of Institute fee by the selected candidates	23.01.2023
Physical registration start (for all selected candidates)	24.01.2023
Declaration of Ph.D. allotment results of waitlisted candidates (if any seat is left vacant)	25.01.2023
Last date for seat acceptance and Submission of Institute fee by the selected candidates	28.01.2023
Leftover physical Registration (for all selected candidates)	30.01.2023

\*Detailed schedule for written examination and interview will be published along with the list of shortlisted candidates for written examination. The above schedule is liable to change owing to any unavoidable circumstances.

**Note:** Document verification will be done only at the time of interview. Therefore, candidates who will be called for written examination are required to ascertain that they fully meet all the advertised criteria. Further, in case it is found that any candidate who does not fulfill the criteria and yet has appeared in the interview/written test or has been offered admission, his/her candidature/admission will be cancelled/ terminated at any stage, without any compensation. Any dispute is subject to Prayagraj jurisdiction.

Department / School / Cell	Date of Written Examination
Applied Mechanics	05-01-2023
Biotechnology	05-01-2023
Civil Engineering	05-01-2023
Chemistry	06-01-2023
Mathematics	06-01-2023
Physics	06-01-2023
Computer Science and Engineering	09-01-2023
Electronics and Communication Engineering	10-01-2023
Electrical Engineering	11-01-2023
Mechanical Engineering	12-01-2023
Chemical Engineering	13-01-2023
Humanities and Social Sciences	13-01-2023

Please contact the respective Head of the Department for Time and Venue of the Written Examination and Interview.

**NOTE:**

- (i) All the candidates are required to adhere to the COVID-19 norms such as sanitization, wearing masks, etc. strictly during the Written Examination and Interview.
- (ii) All candidates are required to bring any Government issued photo identity card for verification.
- (iii) Candidates are advised to bring the required original documents along with one set of self attested photocopy of the same for the interview.
- (iv) Candidates are advised to report 30 minutes before the commencement of written examination.
- (v) In case of any query/difficulty faced, please contact the respective Department/School/Cell at the contact details mentioned below:

Sl. No.	Name of Head of Department / School / Cell	Department / School / Cell	CUG Contact No.	Email ID
1.	Dr. Abhishek Kumar	Applied Mechanics	+91-9415014446	hamd@mnnit.ac.in
2.	Dr. Sangeeta Negi	Biotechnology	+91-9415015811	hbiod@mnnit.ac.in
3.	Prof. Sadhana Sachan	Chemical Engineering	+91-9415016115	hchemicald@mnnit.ac.in
4.	Prof. P. K. Dutta	Chemistry	+91-9415016068	hchemd@mnnit.ac.in
5.	Prof. P. K. Mehta	Civil Engineering	+91-9415016053	hced@mnnit.ac.in
6.	Prof. D. K. Yadav	Computer Science and Engineering	+91-9415014159	hcsed@mnnit.ac.in
7.	Prof. Rajesh Gupta	Electrical Engineering	+91-9415016036	heed@mnnit.ac.in
8.	Prof. R. A. Mishra	Electronics and Communication Engineering	+91-9455686815	helexd@mnnit.ac.in
9.	Prof. V. K. Srivastava	Geographic Information System (GIS) Cell	+91-9415649166	hgisc@mnnit.ac.in
10.	Dr. Ravindra Tripathi	Humanities and Social Sciences	+91-9415016096	hssd@mnnit.ac.in
11.	Dr. Gorakh Nath	Mathematics	+91-9415016058	hmathd@mnnit.ac.in
12.	Prof. K. N. Pandey	Mechanical Engineering	+91-9415016051	hmed@mnnit.ac.in
13.	Dr. Naresh Kumar	Physics	+91-9415344370	hphyd@mnnit.ac.in
14.	Dr. Vibhuti Tripathi	School of Management Studies	+91-9415016060	hsms@mnnit.ac.in

## 9. Fee Structure

### (a) Institute Fee (For all category Students such as OPEN/OBC-NCL/SC/ST/EWS/PwD)

First Semester	All Intermediate Semesters	Final Semester
₹ 43,500.00	₹ 38,500.00	₹ 40,500.00

**Note:** The above fee does not include the mess charges. Day scholars will be required to pay ₹ 12,000.00 less in every semester.

**(b) Mess Fee : ₹ 25,000.00 (₹ Twenty-five Thousand only)**

Hostel Mess charges for the Ph.D. first semester is ₹ 25,000.00 and required to be deposited at the time of registration (in case hostel is allotted) in the form of demand draft drawn in favour of "Chief Warden MNNIT Allahabad" payable at Prayagraj. However, the mess charges may be revised and the same will be informed to the students. The Mess fee may also be deposited/transferred online through NEFT/RTGS/IMPS/UPI etc. in the following bank account:

Name of Account Holder	Bank Name & Branch	Account No.	IFSC Code	Type of Account
Chief Warden	Bank of Baroda, MNNIT Allahabad	77660100016022	BARB0VJMNRE (5 <sup>th</sup> Character is ZERO)	Saving Bank Account

Cash payments will not be accepted.

\*\*\*\*\*