

## INFORMATION BROCHURE

for admission to

**DOCTOR OF PHILOSOPHY- Ph.D.**  
**MASTER OF TECHNOLOGY - M. Tech.**  
**MASTER OF PLANNING- Urban Planning**

(2015-2016)



**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**  
**JAWAHAR LAL NEHRU MARG, MALAVIYA NAGAR, JAIPUR-302017 (RAJASTHAN)**

<http://www.mnit.ac.in>

**For further information, please contact:**

Office of Dean, Academic

Malaviya National Institute of Technology

J.L.N. Marg, Jaipur (Raj.) – 302017.

Fax 0141-2529029 (Off)

E-mail: [admissions@mnit.ac.in](mailto:admissions@mnit.ac.in)

Web Site: [www.mnit.ac.in](http://www.mnit.ac.in)

**Application has to be filled online (link available at [www.mnit.ac.in](http://www.mnit.ac.in)) by **15<sup>th</sup> May 2015**. Printed application form with photograph, photocopy of necessary documents *should reach respective department latest by **22<sup>nd</sup> May 2015, 5 pm***.**

*Also refer to rules and regulation manual for PG programme for more details given on website [mnit.ac.in](http://mnit.ac.in).*

## 1. INTRODUCTION

Malaviya National Institute of Technology Jaipur is one of the 30 National Institutes of Technology in India. These Institutes have been created as centers of excellence for higher training, research and development in science, engineering and technology. Established as a College of Engineering College in 1963, the Institute was declared as National Institute of Technology in the year 2002. It was then accorded the status of deemed university with powers to decide its own academic policy, to conduct its own examinations and to award its own degrees.

The Institute offers undergraduate, postgraduate and research programmes through its Departments. The Institute admits on an average about 800 students for undergraduate (B.Tech./B.Arch.) programmes and about 650 students for the postgraduate and research (M. Tech./M. Planning/M.Sc./MBA/Ph.D.).

The institute offers four year undergraduate courses of study leading to the Bachelor of Technology degree in Chemical, Civil, Computer, Electrical, Electronics & Communication, Mechanical and Metallurgical & Materials Engineering and five year Bachelor of Architecture & Planning degree.

The institute offers full-time/part-time postgraduate programmes leading to the degree of Master of Technology in Chemical Engineering, Computer Engineering, Design Engineering, Disaster Assessment and Mitigation, Electronics & Communication Engineering, Thermal Engineering, Environmental Engineering, Industrial Engineering, Metallurgical & Materials Engineering, Power Systems, Production Engineering, Renewable Energy, Steel Technology, Structural Engineering, Transportation Engineering, VLSI Design, Embedded Systems, Earthquake Engineering, Power Electronics and Drives, Wireless and Optical Communication, Water Resources Engineering and Master of Planning (Urban Planning).

The Institute also offers full time MBA programmes in the Department of Management Studies and M.Sc. in Applied Sciences (Physics, Chemistry and Mathematics).

The institute offers Full-time/Part-time Ph.D. programmes in Civil, Chemical, Computer, Electrical, Electronics & Communication, Mechanical, Metallurgical & Materials, Energy & Environment, Applied Sciences (Physics, Chemistry, Mathematics), Management and Humanities & Social Sciences.

## 2. THE OBJECTIVE

The objectives of the postgraduate programmes - MBA, M.Plan., M. Tech./M. Plan. and Ph.D. at the Malaviya National Institute of Technology, Jaipur, India (MNIT) are as follows:

- To cultivate high standard of performance in teaching & research,
- To develop the scientific, managerial and engineering manpower of the highest quality to cater to the needs of the Industry, R&D organizations and academia,
- To provide opportunity to students to do research in cutting edge areas,
- To be a role model and leader of educational Institutions in the country,
- To provide a broad grasp of the fundamental principles of the sciences and scientific, managerial and technological methods through its curriculum,
- To provide a deep understanding of the areas of specialization,
- To provide an innovative ability to solve new and open problems,
- To provide a capacity to learn continually and interact with multidisciplinary groups,
- To develop the students with a capability for:
  - Free and objective enquiry
  - Courage and integrity
  - Awareness and sensitivity to the needs and aspirations of society.
  - Doing independent research in their chosen areas

With this end in view, the postgraduate programmes are designed to include courses of study, seminars, project and thesis submission through which a student may develop his concepts and intellectual skills.

The procedures and requirements stated in the "Rules and Regulation manual for PG Programmes" embody the philosophy of the postgraduate education & research and ensure the highest standards of performance in

teaching and research at the Institute. Within this general framework, subject to the approval of the Senate Post-Graduate Board (SPGB)/Senate, the various departments/centres may impose such additional requirements as will serve their particular academic goals. The Rules and Procedures given in the manual are adhered to and implemented without any change and with all fairness. While considering an issue, if the manual does not specifically mention something, the same shall be forwarded by DPGC to SPGB/Senate for its consideration.

**Location:** MNIT Jaipur is situated on JawaharLal Nehru Marg in South of Jaipur. This Institute is about 10 km. away from the Jaipur Railway Station/Main Bus Stand and 5 km from the Airport. Frequent City transports are available to this Institute.

**Campus:** MNIT Jaipur is a residential Institution and provides residential facilities to the students as well as staff. The Institute campus area extends to 325 acres with many interesting topographical features, imaginatively laid out with picturesque landscape, numerous buildings and wide roads, the campus presents a spectacle of harmony in architecture and natural beauty.

The Central Library, Central Computer Centre and Design Centre of the institute are the backbone of the institution and are accessible to the students and staff of the institute.

### **3. CREDIT SYSTEM**

Education at the Institute is organized around the credit system of study. The prominent features of the credit system are process of continuous evaluation of a student, performance, and a flexibility to allow a student to progress at an optimum pace suited to his/her ability or convenience subject to fulfilling minimum requirement for continuation.

Each course has a certain number of credits, which describe its weightage. A student's performance is measured by the number of credits that he/she has completed satisfactorily. A minimum number of earned credits should also be obtained in order to qualify for the degree.

The minimum academic requirements for the various degrees including minimum & maximum credits to be registered in a particular semester are indicated in the "Rules and Regulation manual for PG Programmes", which is available on Institute website.

Every course is co-ordinated by a member of the teaching staff of the department, which offers the course in a given semester. This faculty member is called the Course Co-ordinator. He has full responsibility for conducting the course, co-ordinating the work of the other members of the faculty involved in that course and for holding tests and assignments and awarding grades. For any difficulty a student is expected to approach the Course Co-ordinator for advice and clarification.

### **4. ADMISSIONS**

#### **Academic Session**

The academic session of the PG Programmes is divided into two semesters (odd and even). The odd semester will normally commence around July every year, and the even semester around January every year.

**The admissions to Ph.D. programme is made in both the regular semesters, however, admissions to M.Tech./M.Sc. are made in the semester commencing in July.**

#### **4.1 ELIGIBILITY FOR ADMISSION**

- i. The eligibility conditions given below are the absolute minimum. Departments/Centres may prescribe any requirements over and above for short listing. All eligibility requirements must be met by the date of interview.
- ii. The "specified minimum" CGPA/marks implies a minimum of 6.5 on the 10 point scale (60% marks, only where CGPA is not awarded) for Ph.D. with a relaxation for SC/ST implying minimum of 6.0 on the 10 point scale (55% marks, only where CGPA is not awarded) in qualifying degree (refer Table 1). In exceptional cases, brilliant candidates with CGPA of more than 9 (85% marks) in Bachelors degree in Engineering/Architecture may be recommended by DPGC to SPGB for admission in Ph.D. program.
- iii. Departmental screening of candidates under "Visvesvaraya PhD Scheme" of DeitY (details of fellowship given in Section 6) would additionally consist of following components- (a) Throughout excellent academic credentials (CGPA more than 6.5, class X through postgraduate) and (b) should be in the top 25% of the qualified candidates after screening i.e. in the written test conducted (offline/online) and/or other criterion applied by Department. Additionally, candidates having publications in reputed Journal/ conference would be given due consideration in selection/screening process.
- iv. Reservation policy as prescribed by Government of India/MHRD from time to time shall be applicable.

#### **4.2M. Tech./M. Plan. (Full Time with Assistantship)**

The admissions to M.Tech./M.Plan. (Full Time with Assistantship) will be done through Centralized Counselling for M. Tech./M.Arch./M.Plan. (CCMT) for the year 2015-2016. For more details and information brochure, please visit the website [www.ccmt.in](http://www.ccmt.in).

#### **4.3M. Tech./M. Plan. (Full Time Sponsored/Part-Time)**

Sponsored candidates are employees of a Public Sector Undertaking, a Government Department, a Research & Development organization, or a recognised private industry of repute (approved by SPGB on the recommendation of DPGC), or an Educational Institution, or be a Defence Sponsored Officer. Such candidates must be sponsored as Full-Time students.

Part-Time Candidates are Employees working in any Govt. organization/ Recognized private institutions

- i. The applicant must have a Bachelor's degree in Engineering/AMIE in appropriate discipline or a Master's degree in appropriate discipline with specified minimum CGPA/marks, as discussed above.
- ii. The applicant must have at least two years regular service
- iii. For working employees of MNIT, one year experience is required.

#### **4.4 Doctor of philosophy**

##### ***4.4.1 Ph.D. in Engineering Discipline***

The applicant must have a Master's degree in Engineering/Technology/Architecture with CGPA not below 6.5 on a 10-point scale or 60% marks (Where CGPA is not awarded). In exceptional cases brilliant candidates with CGPA of more than 9 (85% marks) in Bachelors degree in Engineering/Architecture may be recommended by DPGC to SPGB for admission in Ph.D. program. Such candidates having, sufficient experience in the relevant area and publications in refereed conferences/journals as notified by DPGC, may also be considered.

#### **4.4.2 Ph.D. in Humanities & Social Sciences**

The applicant must have the master degree with CGPA not below 6.5 on a 10-point scale or 60% Marks (where CGPA is not awarded).

#### **4.4.3 Ph.D. in Management**

The applicant must have the MBA with preferable engineering background/M. Tech./M. Plan. with CGPA not below 6.5 on a 10-point scale or 60% marks (where CGPA is not awarded).

#### **4.4.4 Ph.D. in Applied Sciences (Physics/Chemistry/Mathematics)**

The applicant must have a Master's Degree in the relevant Science subject with CGPA not below 6.5 on a 10-point scale or 60% marks (where CGPA is not awarded).

### **5. ADMISSION OF SPONSORED CANDIDATES**

- i. A candidate who is sponsored for either Full time (FT) or Part time (PT) studies at MNIT by his/her employer and who meets the additional conditions specified below may be admitted through the Dept. Selection Committee appointed.
- ii. A sponsored candidate full time or part time must have total experience of more than two years, and in the case of full time sponsored candidate, he/she must have been in service of the sponsoring organization for at least one year at the time of admission. The sponsoring organization must specifically undertake to relieve him/her to pursue the programme for its full duration. The sponsored candidates are required to submit No Objection Certificate (NOC) from their employer/organization stating that:
  - a. His/Her official duties permit him/her to devote sufficient time for M.Tech./M.Plan./Research. Candidate should give undertaking that he would fulfill the attendance requirements of all the courses undertaken by him for fulfillment of the course pursued.
  - b. She/he will have to reside in the institute for a period of not less than one year during his/her registration for the degree. However, this condition can be relaxed for a candidate working in or around Jaipur (within a radius of 70 KM).
    1. M.Tech./M.Plan. Residency requirement of 1 year for doing complete course work
    2. Ph.D. Residency requirement until completing candidacy requirement

### **6. ADMISSION TO OFF CAMPUS PROGRAMME FOR PH.D.**

- i. A candidate working in an R&D establishment or in other institution / organization, which is equipped with the necessary infrastructure for carrying out research and library facilities, may be considered by Senate, for admission only to the Ph.D. programmes in Engineering, Architecture, Management, and Sciences. Such a candidate must be sponsored by his/her employer and must have been in employment with the sponsoring organization for at least 2 years at the last date of application. The Institutions eligible for Off Campus must be recommended by DPGC and approved by SPGB.

**The employer must expressly undertake to relieve him/her to stay on the campus to enable the candidate to complete the "Course work", "Comprehensive" and "State of Art" seminar and at the end of every semester for the semester evaluation.**

- ii. A candidate applying for admission to the off campus registration programme must provide detailed information about the research facilities available at his/her organization and a certificate that these would be available to him/her for carrying out research. She/he should also provide the bio-data of the prospective supervisor/coordinator who would supervise/coordinate the candidate's work at his/her organization if required.
- iii. On the recommendation of the DPGC, and SPGB, the Chairperson Senate may approve the admission.
- iv. **However SPGB on the recommendation of DPGC may waive off minimum residence requirement to stay on campus in lieu of his earlier research work.**

## 7. FINANCIAL ASSISTANCE

- i. The Institute may provide financial assistance to postgraduate students in the form of teaching or research assistantships (referred to as Institute Assistantship). Assistantships are awarded on a semester to semester basis for a period of up to four semesters for M.Tech./M.Plan. students and up to eight semesters for Ph.D. students. The stipend for the assistantship is paid at the approved rates as notified by MHRD from time to time. A student is expected to devote about eight hours per week towards job(s) assigned to him/her by the department. The renewal of assistantship is contingent on the student's satisfactory performance in the academic programme and in the satisfactory discharge of assistantship duties as assigned to him by the department.
- ii. Additionally, a total of 09 fellowships are available in the area of Electronics & IT (ESDM & IT) under “Visvesvaraya PhD Scheme” of DeitY. Currently availability is as follows- 04 in Dept. of ECE, 02 in Dept. of CSE and 03 in Dept. of EE. A candidate has to EXPLICITLY indicate, *whether he/she wishes to be considered for this scheme, in addition to normal process of admissions*. [Listing of areas for this session admission is attached for three departments- ECE, CSE, EE]. Once selected in this scheme, a student is entitled for following:
  - a) Fellowship for full time PhD candidate @ Rs. 22,500/- per month (1<sup>st</sup> 2<sup>nd</sup> year) and @Rs. 25,000/- per month for 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> year (likely to be revised to 25% more than available to candidates admitted under MHRD/AICTE fellowship scheme)
  - b) One time incentive of Rs. 2.5 lakhs (likely to be revised to 3.0 Lakhs) for part time PhD candidate, ONLY at the time of completion
  - c) Annual contingency grant of Rs. 30,000/- per year & reimbursement of rent for full time candidate
  - d) Grant for attending international conference ( outside India) on a case to case basis
- iii. Some financial assistantships in the form of research assistantships is also available from sponsored research projects. Additional assistantships in the form of scholarships, fellowships, etc. may be available through other organizations, such as, the Council of Scientific and Industrial Research (CSIR)/ University Grant Commission (UGC) / Department of Atomic Energy (DAE)/ DST/ MHRD/ Corporate Houses etc.
- iv. In addition to the students admitted with financial assistance, students may also be admitted to the Ph.D. programmes on a self-financing basis.
- v. The candidates applying for financial assistantship are required to submit the undertaking at the time of admission in the prescribed Performa given in Annexure-X.

## 8. MINIMUM QUALIFICATION(S) FOR ADMISSION TO PH.D. PROGRAMME

**Table 1 : Minimum qualification(s)**

<b>Department</b>	<b>Minimum Educational Qualification</b>
<b>Architecture &amp; Planning</b>	Master in Architecture, Master in Urban Planning
<b>Chemical Engineering</b>	B.Tech./M.Tech. or equivalent degree in Chemical Engineering, B. Tech./ M.Tech. or equivalent degree in any branch of Engineering/Chemical Technology and interdisciplinary areas.
<b>Chemistry</b>	M.Sc. in Chemistry/ Medicinal/ Pharmaceutical/ Environmental/ Biochemistry/ Biotechnology and related disciplines with chemistry as

	one of the optional subject
<b>Civil Engineering</b>	M.E./M.Tech. degree in relevant engineering discipline
<b>Computer Engineering</b>	B.E./B.Tech. in Computer Science and Engg./ Computer Engg./ Information Technology/ Communication and Computer Engg./ Electronics and Communication Engg. M.E./M.Tech. in Computer Science and Engg./ Computer Engg./ Software Engg./ Information Technology/ Information Security/ VLSI
<b>Electrical Engineering</b>	M.E./M.Tech. or equivalent degree in respective & relevant Engineering disciplines
<b>Electronics &amp; Communication Engineering</b>	B. Tech. and M. Tech. Electrical/ Electronics/ Computer/ Communication/ Telecommunication/ Instrumentation/ Control/ Microelectronics or equivalent discipline consistent with research areas of department.
<b>Humanities and Social Sciences</b>	M.A./M.Com. or equivalent degree with 6.5 CGPA on a 10-point scale or 60% marks Master's degree in Science with 6.5 CGPA on a 10-point scale or 60% marks may be considered for research areas consistent with the academic background and special interest.
<b>Mathematics</b>	M.A./M.Sc. in Mathematics/Computer Science/Statics
<b>Mechanical Engineering</b>	B.Tech./M.Tech. degree or equivalent degree in Mechanical/Industrial/ Production Engg. B.Tech./M.Tech. degree/ disciplines consistent with the research areas of the department.
<b>Metallurgical &amp; Materials Engineering</b>	B.E./B.Tech. degree in Metallurgical/Materials/Mechanical/Chemical/ Ceramic Engineering/Nanotechnology (Engineering materials) with M.E./M.Tech. degree in Metallurgical/ Materials/ Ceramic Engineering/ Nanotechnology (Engineering materials). Nanotechnology (Engg. Materials) students should have Physics, Chemistry, and Mathematics at 12 <sup>th</sup> and B.Sc. level.
<b>Physics</b>	M.Sc. in Physics/Applied Physics/Engineering Physics/allied areas of Physics/interdisciplinary areas in physical sciences and technology
<b>Centre for Energy and Environment</b>	B.Tech. and M.Tech. in relevant disciplines

**Note: In case of equivalent degree, the student is required to submit equivalence certificate w.r.t his/her qualifying degree from Association of Indian University.**



## 9. AVAILABLE RESEARCH AREAS IN VARIOUS DEPARTMENTS

Table 2A. Research Areas offered in various Departments for admission in Ph. D

Department	Tentative Titles for Ph.D.
<b>Architecture</b>	Urban Growth Management
	Framework for Planning and Design of Urban Neighborhood
	Urban Benchmarking Indicators
	Colonial Architecture in India
	Building Regulations and Urban Environment
	Framework for Sustainable Buildings & Development
	Traditional and Vernacular Architecture
Green Buildings	
<b>Chemical Engineering</b>	Intelligent Control of Reactive Divided Wall Column
	Mass Transfer with Chemical Reaction: Absorption of CO <sub>2</sub> inBaS solution, Experimental and Modeling Studies.
	Studies on synthesis of calcium orthophosphates
	Studies on synthesis of CaCO <sub>3</sub> nano particles and its composite with PU-foam.
	Biomethanation of Coal
	Bioethanol
	Syngas Fermentation
	Experimental and theoretical study on vacuum membrane distillation of aqueous solution of ethanol
	Experimental and modeling studies for gas-liquid-liquid flow for extraction in microchannels
	Anaerobic co-digestion of food waste for methane production
	Supercritical Fluid Extraction of Antioxidants from fruits or vegetables.
	Removal of emerging pollutants from water/wastewater using adsorption
	Studies on greywater treatment
	Synergistic/competitive behavior of dyes removal from water/wastewater
Defluoridation of water using continuous process	
Development of nanoparticles/materials for water treatment	
Synthesis of metal oxide nanoparticles and their application in water treatment and biomedical application	
<b>Civil Engineering</b>	Improvement of durability and strength of Cement Concrete road using different waste materials
	Improvement and development of Bitumen mixes with waste and new polymer additives.
	Development of design procedure for Cold mix using Foam Bitumen and Emulsion for Hot climatic conditions.
	Use of industrial wastes in construction sector
	Effect of time to reach full liquefaction on the dynamic behaviour of pile foundation
	Development of a constitutive model for liquefied sand
	Seismic performance of RC frame buildings in India
	Performance based design of RC structures.
	Seismic risk assessment of Indian Housing
	Particle characterization in indoor/outdoor environment , their modeling and health impacts
	Biological processes for waste treatment

	Sewage disinfection
	Life Cycle Assessment application in evaluating sustainability in Construction
	Development of a method to evaluate sustainable construction materials made with industrial waste
	Development of eco-friendly materials using waste
	Earthquake Resistant Design of Steel Structures
	Seismic Hazard Mitigation using Base isolation
	Earthquake Resistant Design of RC Structures
	The New Material As Fine - Aggregate In Concrete Outlet
	A Novel Approach for Structural Engineering Problems
	An Experimental And Numerical Study on Non-Linear Damage Assessment of Structural Health Monitoring Techniques – A Revisit
	Waste Material Utilization From Industries In Building/Roads
	Conceptual Design of Structures Using Artificial Intelligence
	Optimization of Structures Using Genetic Algorithm or Other Techniques
	Use of Dholpur stone slurry in self compacted concrete
	Optimal design of water distribution system
	Optimal design of Sewerage System
	Climate change and its impact of hydrology
	Remote sensing & GIS and their applications
	Integrated water management modeling
	GIS & Remote sensing, Water resources, Climate change
	Road safety using GIS
<b>Centre for Energy and Environment</b>	Integration of passive and renewable energy systems
	Earth Air Tunnel Heat Exchanger
	Development and performance study of Earth Air Tunnel Heat Exchanger system for condenser cooling in power plants
	Thermal performance analysis and simulation of building using PCM
	Big Data Analytics for Smart Grid
	Breaking the lignocelluloses barrier by pretreatment for enhanced biogas production
<b>Chemistry</b>	Synthesis, Chemistry and Bio-evaluation of Bio-active heterocycles.
	Synthetic Green Chemistry
	Design and synthesis of multimetallic platinum group metalhydridecarbonyl clusters: Solid hydrogen storage devices.
	Strategic Investigation of new organo-catalyzed C-C bond forming reactions via C-H bond activation: Application to the synthesis of bio-active heterocycles
	Low-dimensional Layered Inorganic Graphene-like Nanomaterials (IGNs) for Electrochemical Energy Conversion and Storage Devices
	Metal doped carbon nano-materials: Synthesis and its applications
<b>ComputerEngg.</b>	Task mapping onto Networks on Chip and synthesis of emerging multi core architectures for dark silicon.
	Development of Mobile platform dynamic security analysis algorithms. Device and app collusion modelling techniques.
	3-D Architecture in Networks on Chip (NoC) and multicore architectures including handling of faults and defects. Threads and systems level simulation and emulation framework
	Enhancement of Mutation Driven Generation of Test cases and Oracles.
	A Cost-Effective way to create and maintain Test Scripts for Web Applications.
	Challenges and issues in an Intelligent General Purpose Automated regression Testing Suite

	Secure (JAM-resistant) and Efficient Communication in Ad Hoc Networks
	Architecture-Specific Fault-Aware NoC Implementations
	Malware Analysis Techniques for Mobile Platform
	Revealing Hardware Trojans
	A Framework for identification, specification and representation of crosscutting properties at the requirement level of aspect-oriented systems.
	Formal methods for definition and semantics of Programming languages and verification of Programs written in these languages.
	NLP - Multi word Extraction
	Biometrics and Privacy Protection
	Medical Image Processing
	Natural Language Processing
	Resource Management in Cloud Computing
	Identity and Access Management in Cloud Computing
	SDN based Cloud Environments
	Wireless Networks: Routing & Security
	Software Defined Networks
	Information Security
<b>Electrical Engg.</b>	Power Quality
	Power Electronics & Drive
	Renewable Energy Sources
	Shaft voltage & bearing currents in Induction Machines
	Retail pricing in Electricity Markets
	Optimal generation investment planning in deregulated environment
	Interconnected energy systems: Coupling large market models via operation & planning
	FACTS in modern power system
	Analysis of power system in deregulated environment
	Power system operation and control
	Big Data Analytics for Smart Grid
	Power Quality Enhancement
	Micro Grid
	Renewable Energy Sources
	Investigation on Multilevel Inverter for Power Quality Improvement
	Power Electronics Converters Application
	Renewable Energy Integration with Power Quality Improvement Feature
	Application of power electronic converters for Wind and PV system
	Power electronics & Drives
	Converters for power quality improvement, Smart grid
	Microgrids
	Application of AI to the operation of distribution systems
	Economic Load Dispatch
	Power Quality Management Of Smart Grids with Plug-in Electric Vehicles and energy storage
	Power Quality Analysis
	Fault Detection and Localization in power systems
	Power Quality Perspectives in DC Grid
Optimal operation and control of different Generation Companies in deregulated electricity market	

	Power trading under demand response
	Smart Distribution Expansion Planning
	Transmission Expansion Planning
<b>Electronics &amp; Communication Engg.</b>	Design and development of energy efficient wireless networks / sensor networks (Communication )
	Reduction of interference in Mobile / Spread Spectrum based Communication Systems (Communication)
	Transform based neurological and biomedical signal analysis (Communication)
	Cognitive architectures, (VLSI)
	Embedded systems security (VLSI)
	Embedded Systems Verification (VLSI)
	Task mapping on multicore processors (VLSI)
	Energy Estimation for face detection algorithms
	Design and development of bio-sensors on MEMS platform (VLSI)
	Machine Intelligence Algorithms for Classification & Clustering (Communication)
	Design and development of efficient solar cells based on Photonic crystals
	Energy efficient optical networks
	Hardware implementation of Biometric based security(VLSI)
	Real Time speech processing.
<b>Humanities and Social Sciences</b>	Politics in North east India.
	Politics of Secessionism in Different parts of India.
	Political Institutions in India.
	Indian Judiciary.
<b>Mathematics</b>	New trends in Bicomplex Analysis
	Applications in Geometric function Theory
<b>Mechanical Engg.</b>	Renewable energy technologies for rural applications
	Development and performance study of Earth Air Tunnel Heat Exchanger system for condenser cooling in power plants
	Thermal performance analysis and simulation of buildings using PCM
	Shape Synthesis of links for dynamically balanced Industrial Manipulators
	Dynamics and Balancing of agricultural equipment
	Passive Cooling Systems for Building
	Artificial Intelligence in Project Scheduling
	Ergonomic evaluation and redesign of hand tools in small scale industries
	Ergonomic evaluation and redesign of hand tools in agricultural sector
	Lean thinking in small medium enterprises
	Nonlinear Dynamic Analysis of Turbocharger
	Design Optimisation of Rapid Tooling Molds using Cooling Channels
Carbon Nano Tube (CNT) based light weight Composite structures for applications in spacecraft structures	
<b>Metallurgical &amp; Materials Engg.</b>	Hot working of low carbon copper bearing steel
	Dynamic strain aging behavior of nitrogenated steel with vanadium as microalloy
	Effect of strain induced precipitation on dynamic phase transformation in low carbon microalloyed steel
	Development of aluminium based in situ laminated nanocomposites for structural applications in automotive industry

	Development of plasma sprayed aluminium based carbon fullreces reinforced nano composite coatings for bearing applications
	Tribology studies of nanocrystalline composite coating deposited by electroless coating process
	Development of new meta magnetic shape memory alloys
	Bake aging in 7XXX aluminium alloys
	Effect of austempering and martempering on AISI 8620 steel
	Thermomechanical treatment of new generation steel
<b>Physics</b>	Some aspects of thermal states and quantum optical states in cosmology.
	Particle creation in the oscillatory phase of two mode thermal states in cosmology.
	Synthesis And Characterization of Cathode Nanomaterialsand Simulation
	Growth and optimization of nanostructured thin films
	Engineering the properties of metal and semiconductor nanocrystals for memory applications
	Fermi level tuning with high pressure and doping in Bi based topological insulator nanomaterials
	Evaluation of pressure effects in CNT based spintronic nano-devices
	Strain engineering of topological insulator composite nanostructured devices.
	Pseudoscalar-Photon Mixing & the B-mode Polarization Signature in CMB
	OAM of Photons Induced by It's Transmission Through Plasma - Implications in Astronomy
	Block copolymer based nanocomposites for flexible optoelectronics

**Table-2B: Listing of areas for Visvesvaraya PhD fellowships- ESDM & IT/ITes of DeitY, Media Lab Asia**

**Dept. of ECE**

System level design & modeling of analog and digital systems, Reduced Order Modeling, Machine Learning Algorithms & hardware implementation, Cognitive Algorithms, Embedded Systems, MEMS and Nanoelectronic circuits & systems modeling
Engineering Education, Mobile Communication, Satellite and Wireless Communication, Error Control Codes.
Optical Communication and Non Linear Optics, Error Control Codes, Microstrip Antenna and Arrays for wireless Communication, Wireless Networking and Sensor Networks, Multiuser Detection, MIMO-OFDM and MEMS
Signal and image processing, Fractional transforms, Electromagnetics.
Macro modeling for Analog subsystems and interconnect, Digital and Analog CMOS circuits. MEMS based design and development of sensors.
Error Control Codes, Wireless Communications, Image Processing and analysis.
Low power VLSI systems, VLSI physical design, FPGAs.

Optical Communication, Optoelectronics and Photonics, Numerical Modelling, Nonlinear Optics, Optical Networks, RF and Microwaves, Solar Energy
Optical Communication Engineering: All Optical Switches, Optical Logic Gates & Circuits, Photonic Crystal Fibers, Nanophotonics, Nano-optical stru, • RF and Microwave Engineering: RF & Microwave devices, Microstrip and Smart Antennas.
Communication Engineering and Optics.
MEMS and Nanoelectronic Devices.
Analog VLSI, Analog Signal Processing, Neural Networks, Computational method for linear/non-linear problems.
Optical Communication Engineering: All Optical Switches, Optical Logic Gates & Circuits, Photonic Crystal Fibers, Nanophotonics, Nano-optical stru, Optical Communication, Optoelectronics, Optoelectronics and Photonics, Solar energy.
Signal Processing, Soft Computing, Neural Networks, Bio And Nature Inspired Algorithms, Modelling And Simulation, Pattern Recognition, Data Mining.

#### Dept. of CSE

Real Time Systems, Parallel and distributed Systems, Cloud Computing, Big-Data, Fault Tolerance, Reliable Software Engineering, Mobile/ Adhoc networks, Sensor Networks, Live streaming, Internet of Things
5G Mobile Networks: Device to Device (D2D) communication; Cognitive Radios and Self Organising Networks (SON); SDN and NFV: Scalable network hypervisor architecture, Network orchastration and abstraction
Software Engineering, Intelligent Systems
5G Mobile Networks: Low latency mobile communication to provide real time applications; 5G Mobile Networks: Cognitive Radios and Self Organising Networks (SON); SDN and NFV: Scalable network hypervisor architecture; Internet of Things: SoC with integrated communication module; Multi hop networks: Protocols and Networking Issues; Self Organising and low power consuming sensor networks
Pattern Recognition and Classification, Image Processing
Theoretical Computer Science, Compilers And Programing Languages, Aspect Oriented Systems, Formal Theory Of Programming Languages
Information Retrieval, Data Mining, DBMS, Artificial Intelligence, Natural Language Processing
Network on Chip , Computer Networks, Embedded Systems, Wireless Communications, Multi-Core And Cloud Computing
Security, Privacy and Forensics, Wireless Networks, Cloud Computing, Big Data, Internet of Things. Software Defined Networking
Wireless Networks Routing and Security, Smart Routing in Wireless Mesh Networks, Wireless Sensor Networks Security

**Dept. of EE**

Power System Operation And Control, FACTS Controllers
Power Electronics And Drives, Health Monitoring Of Electrical Machines, Power Quality, Non Conventional Sources Of Energy
Smart Grid; Internet of Things,
Power System, Power Electronics, Non Conventional Sources Of Energy, Power Quality, Power conversion techniques for renewable energy system
Power electronics and Electrical Machines, Power conversion techniques for renewable energy system, FACTS Controllers, Smart grid, Artificial Intelligence, Wireless power transfer
Power Quality, Power Electronics, Control Engineering, DSP Application in Power Systems, AI Applications To Power System.
Application Of Artificial Intelligence (AI) In The Power System Operation And Control.
Power System, Non Conventional Sources Of Energy, Solar cell, Smart Grid
Application Of Artificial Intelligence (AI) In The Power System Operation And Control
Power System Operation And Control, AI Applications To Power System, Power Systems Economics, Power Systems Restructuring, Wide Area Monitoring and Control
AI Applications To Power System, Bio And Nature Inspired Algorithms, Electricity Markets, Power Systems Economics, Power Systems Restructuring, Risk Management, System Planning in Restructured Markets, Power Trading, Deregulated Power System Operation in a Smart Grid Environment
Power Systems Restructuring, Power Systems Economics, Network Pricing, Electricity Markets, Game Theory, Risk Management, Ancillary Services, Energy Storage
Power systems

**10. MINIMUM QUALIFICATION(S) FOR ADMISSION TO M.TECH./M.PLAN. SPONSORED (FULL TIME/PART TIME) AND M.SC. PROGRAMME**

S. No.	Academic Department	Post Graduate Programme	Minimum Educational Qualification
1.	Chemical Engg.	Chemical Engg.	B.E./B.Tech. in Chemical Engg., Chemical & Polymer Engg., Chemical Technology, Biochemical Engg., Biotech Engg., Biotechnology, Environmental Engineering, Leather Technology, Material Science & Engg./Technology, Petro-Chemical Engg./Technology, Nanotechnology, Polymer Science & Rubber Technology, Polymer Science & Technology, Polymer Technology, Bioengineering, Biotechnology & Biochemical Engg., Dairy Technology, Environment & Pollution Control, Food Engg./Technology, Industrial Biotechnology, Oil & Paint Technology, Oil Technology, Oils, Oleochemicals & Surfactants Technology, Paint Technology, Petroleum Engg./Technology, Plastic & Polymer Engg., Plastic Engg./Technology, Pulp & Paper Engg., Pulp Technology, Rubber Technology, Surface Coating Technology.
2.	Civil Engg.	Water Resource Engg.	B.E./B.Tech. in Agriculture Engg., Civil Engg., Irrigation Engg., Water Management, Civil Engg. & Planning, Civil Technology.
3.	Civil Engg.	Environmental Engg.	B.E./B.Tech. in Agriculture Engg., Biotech Engg., Biotechnology, Chemical Engg., Civil Engg., Civil Environmental, Computer Technology, Mechanical Engg., Biotechnology & Biochemical Engg., Chemical Technology, Civil Engg. & Planning, Civil Technology, Environment & Pollution Control, Environmental Science & Engg./Technology.
4.	Civil Engg.	Transportation Engg.	B.E./B.Tech. in Civil Engg., Construction Engg., Construction Technology, Highway Engg., Transportation Engg., Transportation & Urban Planning, Civil Engineering & Planning, Civil Technology.
5.	Civil Engg.	Structural Engg.	B.E./B.Tech. in Building & Construction Tech., Civil Engg., Construction Engg., Construction Technology Structural Engg., Applied Mechanics, Civil Engg. & Planning, Civil Technology, Computer Aided Design of Structures.
6.	Civil Engg.	Disaster Assessment and Mitigation	B.E./B.Tech. in Agriculture Engg., Chemical Engg., Civil Engg., Computer Technology, Construction Engg., Construction Technology, Irrigation Engg., Water Management, Civil Engg. & Planning, Civil Technology.



7.	<b>Electrical Engg.</b>	<b>Power Systems</b>	B.E./B.Tech. in Electrical Engg.
8.	<b>Electronics &amp; Communication Engg.</b>	<b>Electronics &amp; Communication Engg.</b>	B.E./B.Tech. in Electronics & Communication Engg., Electronics and Instrumentation Engg., Electronics and Telecom Engg, Electronics Engg ,Telecommunication Engg, Applied Electronics Telecommunication Engg, Communication Engg Computer and Communication Engg., Electronics and Computer Engg., Electronic and Electrical Communication Engg, Electronics Design Technology. Electronics Science and Engg. , Information & Comm. Technology.
9.	<b>Electronics &amp; Communication Engg.</b>	<b>VLSI Design</b>	B.E./B.Tech. in Electronics & Communication Engg., Electronics and Instrumentation Engg., Electronics and Telecom Engg, Electronics Engg ,Telecommunication Engg., Applied Electronics Telecommunication Engg, Communication Engg., Computer and Communication Engg., Electronics and Computer Engg., Electronic and Electrical Communication Engg, Electronics Design Technology. Electronics Science and Engg., Information & Comm. Technology, VLSI System Design.
10.	<b>Mechanical Engg.</b>	<b>Industrial Engineering</b>	B.E./B.Tech. in Mechanical Engg., Industrial Engg., Industrial Engg. & Management, Industrial & Production Engg., Production & Industrial Engg., Production Engg., Production Engg. & Management.
11.	<b>Mechanical Engg.</b>	<b>Thermal Engineering</b>	B.E./B.Tech. in Mechanical Engg., Automobile, Engg., Mechanical Engineering Automobile
12.	<b>Metallurgical &amp; Materials Engg.</b>	<b>Metallurgical &amp; Materials Engg.</b>	B.E./B.Tech. in Metallurgical & Material Engg., Metallurgical Engg. & Material Tech., Metallurgical Engg., Metallurgical Engg. & Material Science, Metallurgy, Materials Science & Engg./Tech., Materials Science & Metallurgical Engg., Materials & Metallurgical Engg., Cement & Ceramic Tech., Ceramic Engg., Chemical Engg., Electro-Chemical Engg., Engineering Physics, Industrial & Manufacturing Engg., Industrial & Production Engg., Industrial Engg., Industrial Metallurgy, Manufacturing Engg./Tech., Mechanical Engg., Mineral Processing, Polymer Science & Technology, Production & Industrial Engg., Production Engg., Ceramic & Glass Tech., Ceramic Engg. & Tech., Ceramic Technology, Chemical & Polymer Engg., Chemical & Polymer Engg., Chemical Technology, Manufacturing Process, Manufacturing Science & Engg., Mineral Dressing, Mineral Engg., Surface Coating Tech.  M.Sc. in Applied Physics, Chemistry, Material Science, Mineral Beneficition, Ore-Dressing, Physics,

			Engg. Physics, Mineral Dressing, Nano Science & Tech.
13.	<b>Metallurgical &amp; Materials Engg.</b>	<b>Steel Technology</b>	B.E./B.Tech. in Metallurgical Engineering, Metallurgy, Metallurgical and Materials Engineering, Metallurgical Engg. and Materials Science, Materials and Metallurgical Engg., Metallurgical and Materials Technology
14.	<b>Computer Engg.</b>	<b>Computer Engg.</b>	B.E./B.Tech. in Applied Electronics & Instrumentation Engg., Computer Engg., Computer Science, Computer Science & Engg., Computer Science & Information Technology, Computer Technology, Electrical & Electronics Engg., Electrical & Instrumentation, Electrical Engg., Electrical Engg. (Power), Electrical Power Engg., Electronics & Communication Engg., Electronics & Instrumentation Engg., Electronics & Telecom Engg., Electronics Engg., Information Technology, Power Electronics, Telecommunication Engg., Applied Electronics & Telecommunication Engg., Communication Engg., Computer & Communication Engg., Computer Engg. & Application, Computer Networking, Computer Science & System Engg., Computer Science & Technology, Computing in Computing, Computing in Multimedia, Computing in Software, Electrical Engg. & Industrial Control, Electrical & Instrumentation Engg., Electrical & Power Engg., Electrical Instrumentation & Control Engg., Electronics Instrumentation & Control Engg., Electronics & Computer Engg., Electronics & Control Systems, Electronics & Electrical Communication Engg., Electronics & Electrical Engg., Electronics & Information Systems, Electronics & Power Engg., Electronics & Telematics Engg., Electronics Communication & Instrumentation Engg., Electronics Design Technology, Electronics Instrument & Control, Electronics Science & Engg., Industrial Electronics, Information & Comm. Technology, Information Engg., Information Science, Information Science & Engg./Technology, Software Engg., VLSI System Design
15.	<b>Architecture &amp; Planning</b>	<b>Master of Planning (Urban Planning)</b>	B. Arch., B. Plan., Bachelor in Town Planning, Bachelor in Transportation Planning, Bachelor in Urban Planning, Bachelor in Town & Country Planning, B.E or B.Tech. in Civil Engineering, B.E or B.Tech. in Environmental Engineering, B.E or B.Tech. in Construction Engineering., B.E or B.Tech. in Construction Technology.
16.	<b>Centre for Energy &amp; Environment</b>	<b>Renewable Energy</b>	B.E./B.Tech. in Architectural Engg., Architecture, Automobile, Biochemical, Biotech., Biotechnology, Chemical, Civil, Civil Environmental, Control & Electrical, Electrical & Electronics, Electrical & Instrumentation, Electrical, Electrical Engg. (Power), Electrical Power, Electro-chemical, Energy, Engineering Physics, Environmental, Industrial

			Manufacturing, Industrial & Production, Industrial, Industrial Engg. & Management, Industrial Metallurgy, Manufacturing Engg./Tech., Material Science & Engg./Tech., Mechanical Engg., Metallurgical & Materials, Metallurgical & Materials Tech., Metallurgical, Metallurgical Engg. & Material Science, Metallurgy, Power Electronics, Production & Industrial, Production, Production Engg. & Management, Renewable Energy, Chemical & Polymer, Civil Engg. & Planning, Electrical Engg. & Industrial Control, Electrical & Instrumentation, Electrical & Power, Electrical Science & Engg., Environmental Science & Engg./Tech., Material Science & Metallurgical, Mechanical & Automation, Mechanical Engg. Automobile, Power Control & Drives, Power, Solar & Alternate Energy, M. Sc in Applied Physics, Physics, Engineering Physics, Engineering Physics & Instrumentation
17.	Mathematics	Applied Mathematics	B.Sc. with Mathematics as main subject
18.	Physics	Applied Physics	B.Sc. or B.Sc. Honours in Physics with Mathematics at graduate level.
19.	Chemistry	Applied Chemistry	B.Sc. or B.Sc. Honours in Chemistry.

## 11. SEAT MATRIX AND OTHER DETAILS

**Table 4. Duration of M. Tech./M. Plan./M. Sc. Programme**

Programme	Duration of the Programme	
	Normal duration	Maximum duration
M. Tech.	Full Time: 4 Semesters	6 Semesters
	Part Time: 6 Semesters	10 Semesters
M.Sc.	Full Time: 4 Semesters	6 Semesters

**Table 5. Seat Matrix for M. Tech./M. Plan. Programme (Session 2015-2016)**

Programme	Full Time Sponsored	Part Time Sponsored
Chemical Engineering	5	6
Computer Engineering	5	6
Disaster Assessment and Mitigation	5	6
Electronics & Communication Engineering	5	6
Environmental Engineering	5	6

Industrial Engineering	5	6
Metallurgical & Materials Engineering	5	6
Power Systems	5	6
Renewable Energy	5	6
Steel Technology	5	6
Structural Engineering	5	6
Transportation Engineering	5	6
Urban Planning	5	6
VLSI Design	5	6
Water Resources Engineering	5	6

**Table 7 Basis for Selection to Postgraduate Programmes leading to M. Tech./M. Plan. Degree for Full Time/Sponsored (Full-time and Part-time) candidates**

<b>Candidates Status</b>	<b>Basis for Selection</b>
M. Tech./M. Plan (Full time sponsored/Part Time)	Experience, merit of qualifying examination & interview/Test

## 12. GENERAL INFORMATION

- (a) Admission will be to the first semester of the respective postgraduate programmes.
- (b) Admission to various PG programmes leading to M.Tech./M. Planning degree would be based on a merit list prepared by the respective departments. The merit list will be made available on the website of the Institute. **No separate information will be sent to the candidates.**
- (c) A student who is admitted and registered for a postgraduate programme at the Institute but leaves before completing or discontinued his/her studies, shall not be admitted to a programme at the same level.
- (d) The institute reserves the right not to run any particular programme, if the number of students in that programme is less than the minimum number specified by the Institute at the time of admission.
- (e) The institute reserves the right to change its statutes and regulations relating to academic programmes and the modalities of admission without prior notice.
- (f) There is no age restriction for postgraduate programme.
- (g) In matters of interpretation of the provisions or any matter not covered here in this information brochure, the decision of the Chairman, Senate shall be final and binding on both the parties.

The institute reserves the right to alter the number of seats in any programme without any prior notice.

### Notes:

- (1) The provisions for reservation of seats given above are subject to modification in accordance with any Government Order, if issued subsequently by the Government of India.

- (2) It will entirely be the responsibility of the candidate to prove his/her eligibility in terms of minimum educational qualifications and for claiming reservation under a specific category, if any, at the time of submitting the application.
- (3) The requisite certificate for SC/ST/OBC category must be submitted, along with application, in original, issued by a competent authority listed in Annexure 1, failing which the benefit of the reserved category will not be given. The OBC certificate should have been issued after **March 31, 2015**.
- (4) PWD candidates should submit along with the application, the certificate, in original, from a Government medical board. Such a candidate may, however, be asked to appear before a Medical Board duly constituted by MNIT, Jaipur for this purpose. The Medical Board will decide the courses, which cannot be offered to a candidate, on the basis of the nature of his/her disability. The candidate will be offered admission out of the remaining courses as per the institute policy.
- (5) **The last date for online application is May 15, 2015 and the last date for receipt of printed application forms is May 22, 2015, 5.00 PM.**

### 13. FEES

#### 13.1 Fee Structure for M.Tech./M.Plan. Sponsored (Full-time) students seeking admission in the session 2015-16

#### INSTITUTE FEE

S. No.	Head of Fees	Odd Semesters		Even Semesters	
		For General Category Students (in Rupees)	For SC/ST Students (in Rupees)	For General Category Students (in Rupees)	For SC/ST Students (in Rupees)
<b>A. Admission/Tuition Fees</b>					
1.	Admission Processing Fee	1000.00	1000.00	1000.00	1000.00
2.	Tuition Fee	35000.00	-	35000.00	-
<b>Total (A)</b>		<b>36000.00</b>	<b>1000.00</b>	<b>36000.00</b>	<b>1000.00</b>
<b>B. Institute Fees (Common for all students)</b>					
3.	Development	1500.00	1500.00	1500.00	1500.00
4.	Library & Book Bank	500.00	500.00	500.00	500.00
5.	Computer/Internet	1800.00	1800.00	1800.00	1800.00
6.	Sports & Creative Arts Society	1000.00	1000.00	1000.00	1000.00
7.	Students Welfare	500.00	500.00	500.00	500.00
8.	Industrial Training & Placement	500.00	500.00	500.00	500.00
9.	Examination	500.00	500.00	500.00	500.00
<b>Total (B)</b>		<b>6300.00</b>	<b>6300.00</b>	<b>6300.00</b>	<b>6300.00</b>
<b>C. Group Insurance **</b>					
9.	Insurance Fees (Annual)	400.00	400.00	--	--
<b>Total (C)</b>		<b>400.00</b>	<b>400.00</b>	<b>--</b>	<b>--</b>
<b>D. One Time Payment at Admission</b>					
10.	Institute Caution Money**** (refundable) (for All)	10000.00	10000.00	--	--
11.	Alumni Association Membership Fees ***(one time) (life membership)	1500.00	1500.00	--	--
12.	Identity Card Charges	100.00	100.00	--	--
13.	Final Degree Certificate (one time non-refundable)	1000.00	1000.00	--	--
<b>Total (D)</b>		<b>12600.00</b>	<b>12600.00</b>	<b>--</b>	<b>--</b>
<b>Grant Total (A+B+C+D)</b>		<b>55300.00</b>	<b>20300.00</b>	<b>42300.00</b>	<b>7300.00</b>

#### HOSTEL FEE

<b>A. Hostel Fees</b>					
1.	Room Rent	3500.00	3500.00	3500.00	3500.00
2.	Light & Water Charges	5000.00	5000.00	5000.00	5000.00
<b>Total (A)</b>		<b>8500.00</b>	<b>8500.00</b>	<b>8500.00</b>	<b>8500.00</b>
<b>B. Hostel Caution Money &amp; Mess Advance (for Hostellers)</b>					
1.	Hostel Caution Money (one time refundable)	10000.00	10000.00	--	--
2.	Mess Advance per semester & adjusted in the Mess Bill at actual	12000.00	12000.00	12000.00	12000.00
<b>Total (B)</b>		<b>22000.00</b>	<b>22000.00</b>	<b>12000.00</b>	<b>12000.00</b>
<b>Total (A+B)</b>		<b>30500.00</b>	<b>30500.00</b>	<b>20500.00</b>	<b>20500.00</b>

\*\* Group insurance fees will be as per actual and will be applicable from the month of October

\*\*\* This amount is refundable to the student on submission of the proof of being a member of Alumni Association.

\*\*\*\*Caution money shall be refunded only after successful completion of the programme.

The draft for **Institute Fees** should be in the name of the **Registrar MNIT Jaipur** payable at **Jaipur**.

The draft for **Hostel Fee** should be in the name of the **MNIT Mess Council** payable at **Jaipur**.

#### 13.2 Fee Structure for M.Tech./M.Plan. Sponsored (Part-time) students seeking admission in the session 2015-16

## INSTITUTE FEE

S. No.	Head of Fees	Odd Semesters		Even Semesters	
		For General Category Students (in Rupees)	For SC/ST Students (in Rupees)	For General Category Students (in Rupees)	For SC/ST Students (in Rupees)
<b>A. Admission/Tuition Fees</b>					
1.	Admission Processing Fee	1000.00	1000.00	1000.00	1000.00
2.	Tuition Fee	35000.00	-	35000.00	-
	<b>Total (A)</b>	<b>36000.00</b>	<b>1000.00</b>	<b>36000.00</b>	<b>1000.00</b>
<b>B. Institute Fees</b> (Common for all students)					
3.	Development	1500.00	1500.00	1500.00	1500.00
4.	Library & Book Bank	500.00	500.00	500.00	500.00
5.	Computer/Internet	1800.00	1800.00	1800.00	1800.00
6.	Sports & Creative Arts Society	1000.00	1000.00	1000.00	1000.00
7.	Students Welfare	500.00	500.00	500.00	500.00
8.	Examination	500.00	500.00	500.00	500.00
	<b>Total (B)</b>	<b>5800.00</b>	<b>5800.00</b>	<b>5800.00</b>	<b>5800.00</b>
<b>C. Group Insurance **</b>					
9.	Insurance Fees (Annual)	400.00	400.00	--	--
	<b>Total (C)</b>	<b>400.00</b>	<b>400.00</b>	<b>--</b>	<b>--</b>
<b>D. One Time Payment at Admission</b>					
10.	Institute Caution Money**** (refundable) (for All)	10000.00	10000.00	--	--
11.	Alumni Association Membership Fees ***(one time) (life membership)	1500.00	1500.00	--	--
12.	Identity Card Charges	100.00	100.00	--	--
13.	Final Degree Certificate (one time non-refundable)	1000.00	1000.00		
	<b>Total (D)</b>	<b>12600.00</b>	<b>12600.00</b>	<b>--</b>	<b>--</b>
	<b>Grant Total (A+B+C+D)</b>	<b>54800.00</b>	<b>19800.00</b>	<b>41800.00</b>	<b>6800.00</b>

\*\* Group insurance fees will be as per actual and will be applicable from the month of October

\*\*\* This amount is refundable to the student on submission of the proof of being a member of Alumni Association.

\*\*\*\*Caution money shall be refunded only after successful completion of the programme.

The draft for **Institute Fees** should be in the name of the **Registrar MNIT Jaipur** payable at **Jaipur**.

The draft for **Hostel Fee** should be in the name of the **MNIT Mess Council** payable at **Jaipur**.

13.3 Fee structure for Ph.D. (Full-time) students seeking admission in the session 2015-16

**INSTITUTE FEE**

S. No.	Head of Fees	Odd Semester of Registration		Even Semester of Registration	
		For General Category Students (in Rupees)	For SC/ST Students (in Rupees)	For General Category Students (in Rupees)	For SC/ST Students (in Rupees)
<b>A. Admission/Tuition Fees</b>					
1.	Admission Processing Fee	1000.00	1000.00	1000.00	1000.00
2.	Tuition Fee	7500.00	-	7500.00	-
	<b>Total (A)</b>	<b>8500.00</b>	<b>1000.00</b>	<b>8500.00</b>	<b>1000.00</b>
<b>B. Institute Fees</b> (Common for all students)					
3.	Development	1500.00	1500.00	1500.00	1500.00
4.	Library & Book Bank	500.00	500.00	500.00	500.00
5.	Computer/Internet	1800.00	1800.00	1800.00	1800.00
6.	Sports & Creative Arts Society	1000.00	1000.00	1000.00	1000.00
7.	Students Welfare	500.00	500.00	500.00	500.00
8.	Industrial Training & Placement	500.00	500.00	500.00	500.00
9.	Examination	500.00	500.00	500.00	500.00
	<b>Total (B)</b>	<b>6300.00</b>	<b>6300.00</b>	<b>6300.00</b>	<b>6300.00</b>
<b>C. Group Insurance *</b>					
10.	Insurance Fees (Annual)	400.00	400.00	--	--
	<b>Total (C)</b>	<b>400.00</b>	<b>400.00</b>	<b>--</b>	<b>--</b>
	<b>Total (A+B+C)</b>	<b>15200.00</b>	<b>7700.00</b>	<b>14800.00</b>	<b>7300.00</b>
<b>D. One Time Payment at Admission</b>					
11.	Institute Caution Money**** (refundable) (for All)	10000.00	10000.00	--	--
12.	Alumni Association Membership Fees ***(one time) (life membership)	1500.00	1500.00	--	--
13.	Identity Card Charges	100.00	100.00	--	--
14.	Final Degree Certificate (one time non-refundable)	1000.00	1000.00		
	<b>Total (D)</b>	<b>12600.00</b>	<b>12600.00</b>	<b>--</b>	<b>--</b>
	<b>Total (A+B+C+D)</b>	<b>27800.00</b>	<b>20300.00</b>	<b>14800.00</b>	<b>7300.00</b>

**HOSTEL FEE**

<b>A. Hostel Fees</b>					
1.	Room Rent	3500.00	3500.00	3500.00	3500.00
2.	Light & Water Charges	5000.00	5000.00	5000.00	5000.00
	<b>Total (A)</b>	<b>8500.00</b>	<b>8500.00</b>	<b>8500.00</b>	<b>8500.00</b>
<b>B. Hostel Caution Money &amp; Mess Advance (for Hostellers)</b>					
1.	Hostel Caution Money (one time refundable)	10000.00	10000.00	--	--
2.	Mess Advance per semester & adjusted in the Mess Bill at actual	12000.00	12000.00	12000.00	12000.00
	<b>Total (B)</b>	<b>22000.00</b>	<b>22000.00</b>	<b>12000.00</b>	<b>12000.00</b>
	<b>Total (A+B)</b>	<b>30500.00</b>	<b>30500.00</b>	<b>20500.00</b>	<b>20500.00</b>

\*\* Group insurance fees will be as per actual and will be applicable from the month of October

\*\*\* This amount is refundable to the student on submission of the proof of being a member of Alumni Association.

\*\*\*\*Caution money shall be refunded only after successful completion of the programme.

The draft for **Institute Fees** should be in the name of the **Registrar MNIT Jaipur** payable at **Jaipur**.

The draft for **Hostel Fee** should be in the name of the **MNIT Mess Council** payable at **Jaipur**.



**13.4 Fee structure for Ph.D. (Part-time) students seeking admission in the session 2015-16**

**INSTITUTE FEE**

S. No.	Head of Fees	Odd Semester of Registration		Even Semester of registration	
		For General Category Students (in Rupees)	For SC/ST Students (in Rupees)	For General Category Students (in Rupees)	For SC/ST Students (in Rupees)
<b>A. Admission/Tuition Fees</b>					
1.	Admission Processing Fee	1000.00	1000.00	1000.00	1000.00
2.	Tuition Fee	7500.00	-	7500.00	-
	<b>Total (A)</b>	<b>8500.00</b>	<b>1000.00</b>	<b>8500.00</b>	<b>1000.00</b>
<b>B. Institute Fees</b> (Common for all students)					
3.	Development	1500.00	1500.00	1500.00	1500.00
4.	Library & Book Bank	500.00	500.00	500.00	500.00
5.	Computer/Internet	1800.00	1800.00	1800.00	1800.00
6.	Sports & Creative Arts Society	1000.00	1000.00	1000.00	1000.00
7.	Students Welfare	500.00	500.00	500.00	500.00
8.	Examination	500.00	500.00	500.00	500.00
	<b>Total (B)</b>	<b>5800.00</b>	<b>5800.00</b>	<b>5800.00</b>	<b>5800.00</b>
<b>C. Group Insurance *</b>					
10.	Insurance Fees (Annual)	400.00	400.00	--	--
	<b>Total (C)</b>	<b>400.00</b>	<b>400.00</b>	<b>--</b>	<b>--</b>
	<b>Total (A+B+C)</b>	<b>14700.00</b>	<b>7200.00</b>	<b>14300.00</b>	<b>6800.00</b>
<b>D. One Time Payment at Admission</b>					
11.	Institute Caution Money**** (refundable) (for All)	10000.00	10000.00	--	--
12.	Alumni Association Membership Fees ***(one time) (life membership)	1500.00	1500.00	--	--
13.	Identity Card Charges	100.00	100.00	--	--
14.	Final Degree Certificate (one time non-refundable)	1000.00	1000.00		
	<b>Total (D)</b>	<b>12600.00</b>	<b>12600.00</b>	<b>--</b>	<b>--</b>
	<b>Total (A+B+C+D)</b>	<b>27300.00</b>	<b>19800.00</b>	<b>14300.00</b>	<b>6800.00</b>

\*\* Group insurance fees will be as per actual and will be applicable from the month of October

\*\*\* This amount is refundable to the student on submission of the proof of being a member of Alumni Association.

\*\*\*\*Caution money shall be refunded only after successful completion of the programme.

**Note:-**The draft for **Institute Fee** should be in the name of the **Registrar MNIT Jaipur** payable at **Jaipur**.

**13.5 Fee Structure for M.Tech./Ph.D. (Part-time) Institute Faculty/Staff seeking admission in the session 2015-16**

S. No.	Head of Fees	Odd Semesters	Even Semesters
1.	Admission Processing Fee	1000.00	1000.00
2.	Tuition Fee	1875.00	1875.00
3.	Examination	500.00	500.00
4.	Alumni Association Membership Fees ***(one time) (life membership)	1500.00	1500.00
5.	Final Degree Certificate (one time non-refundable)	1000.00	1000.00
	<b>Total</b>	<b>5875.00</b>	<b>5875.00</b>

\*\*\* This amount is refundable to the student on submission of the proof of being a member of Alumni Association.

**Note:**The draft should be in the name of the **Registrar MNIT Jaipur** payable at **Jaipur**.

#### 14. HOSTEL ACCOMMODATION

Limited hostel accommodation for students taking admission in regular (Full-time) M.Tech. /M.Sc./M. Planning courses is available in the institute campus and the same will be made available on the basis of their admission merit.

For married Ph.D. students, only a limited accommodation is available. The hostel for married students has one/two-room suite(s) with an attached bath and a kitchen for each resident family.

#### 15.MATTERS OF DISPUTE

Disputes if any, arising out of or relating to any matter whatsoever shall be subject to the exclusive jurisdiction of Jaipur Courts.

#### 16.RAGGING

Ragging is banned in the institute and anyone indulging in ragging is likely to be punished appropriately and the punishment may include expulsion from the institute, suspension from the institute or classes for a limited period or fine with a public apology. The punishment may also take the shape of: (i) withholding assistantship or other benefits; (ii) debarring from representation in events (iii) withholding results (iv) suspension, rustication or expulsion from hostel or mess. (v) monetary fines.

#### 17. IMPORTANT INSTRUCTIONS

- a. The candidates are advised to read each and every instruction given in this Information Brochure very carefully before filling-up the Application Form.
- b. The application form submitted online may be downloaded from the web site and be sent with the copies of required documents to the following address:  
Head of the Department  
(Name of Department.....)  
Malaviya National Institute of Technology  
J.L.N. Marg, Jaipur (Raj.) –302017
- c. **The application fee of Rs. 1000/- for General/OBC category and Rs. 500/- for SC/ST category candidates is to be deposited online only while submitting the application.**
- d. The candidate must keep a photocopy of the form for future reference.
- e. Application forms found incomplete or received after the last date of receipt of completed application forms will be rejected without any intimation to the candidate and no correspondence will be entertained in this regard.
- f. Request for change of category received after the last date will not be accepted under any circumstances.
- g. Application form should be neatly and legibly filled by the candidate in his/her own handwriting. Fill each column strictly as per the information desired in the column.
- h. Attested photo state copies of the certificates/testimonials should be enclosed with **the Application Form. In no case, the original certificates/testimonials should be enclosed with the Application Form.**
- i. Application Form either incompletely filled or without attested copies of the certificates/testimonials is liable to be rejected.
- j. Documents/Attested photocopies of the following certificates have to be enclosed along with the Application Form:-
  - i. High School/Secondary School certificate in support of age/date of birth. Nother certificate is acceptable in support of the age/date of birth.

- ii. Provisional/Final Degree certificate/Migration Certificate must be attached.
  - iii The Marks Sheet/Grade Card of Qualifying Examination including Diploma if applicable.
  - iv Character Certificate from the Director/Dean of Students Affairs of the Institute from where the candidate has graduated (For Full-time course applicants only).
  - v Character Certificate from two persons of repute where the candidate has been residing for the last two years (For part-time course applicants only).
  - vi Certificate from the employer on the official stationary and rubber stamp of the organization/institution (For full-time sponsored/part-time candidates only).
  - vii. A statement of purpose (only for those who are applying for Ph.D.) including research idea in not more than 300 words MUST be attached with application. This SOP will have due weightage during process of screening/selection.
- k. Original certificates will be required at the time of personal interview / counselling before the Admission Committee. In case, the candidate fails to produce the original certificates at this time, he/she will not be considered for admission. Two recent passport size photographs should be brought.**
- l. The selected candidates are required to deposit fees at the time of counselling in the form of bank draft drawn on a scheduled bank in Jaipur in favor of the Registrar, Malaviya National Institute of Technology Jaipur. No other mode of payment is acceptable. In case, the candidate having been offered admission does not join or discontinues after joining, the amount excluding caution money will be forfeited.
  - m. The candidate has to make his/her own arrangements for staying at Jaipur when he/she comes for the counselling and/or interview. No TA and DA are admissible.
  - n. In case the candidate is seeking admission as a sponsored candidate, he/she should submit a certificate from his/her present employer on official stationary with rubber stamp that he/she will be sponsored on deputation/study leave/extra ordinary leave with permission to attend the full time M.Tech. course if he/she is admitted. The employer should also indicate that the candidate will not be withdrawn midway till the completion of the course.

## **Important Dates**

Last date of Online application submission: **15<sup>th</sup> May 2015**

Last date of submission of hardcopy of online application form filled :**5.00PM, 22<sup>nd</sup> May 2015** (To be submitted in the concerned Department where admission is being sought for.)

**ANNEXURE I**

**AUTHORITIES WHO MAY ISSUE CASTE/TRIBE CERTIFICATE  
(SC/ST/OBC candidates should submit certificate issued by any of the following authorities)**

District Magistrate/Additional District Magistrate/ Collector/ Deputy Commissioner/ Additional Deputy Commissioner/ Deputy Collector/ 1st Class Stipendiary Magistrate/ City Magistrate/ Sub-Divisional Magistrate / Taluka Magistrate /Executive Magistrate /Extra Assistant Commissioner/ Chief Presidency Magistrate/Additional Chief Presidency Magistrate/ Presidency Magistrate/ Revenue Officer not below the rank of Tehsildar/Sub-Divisional Officer of the area where the candidate and /or his/her family normally resides/Administrator/Secretary to Administrator/Development Officer (Lakshadweep Island).

**(Certificate issued by any other authority will be rejected.)**

**ANNEXURE II**

**CERTIFICATE FROM INSTITUTE / UNIVERSITY  
(Required during registration from candidates whose result of the qualifying examination has not been declared)**

I hereby certify that Mr./Ms. .... has appeared in the final year examination including theory, practical and project examination for B.E./B.Tech./B.Sc./M.Sc.....degree (strike out the non-applicable ones and write in the blank if the degree is not mentioned) and the result is likely to be announced by ..... His/her conduct and character during his/her stay at the Institute/University was "GOOD".

Place: .....  
Date:.....

Signature of the Principal/Dean/Registrar/  
Dy. Registrar/Proctor/Administrative  
Officer of the institute last attended with seal

**ANNEXURE III**

**CERTIFICATE OF THE FORWARDING OFFICER  
(Required from candidates who is yet to appear in the qualifying examination or yet to get the degree)**

I hereby certify in connection with the application of Mr./Ms. .... that he/ she is a bonafide student of our institution and is applying for admission to PG programmes at MNIT Jaipur. He/She is yet to complete / has completed all the requirements of qualifying examination including theory, practical and project examination for B.E./B.Tech./B.Sc./M.Sc. .... (Strike out the non-applicable ones and write in the blank if the degree is not mentioned) and the result is likely to be announced by ..... His/her conduct and character during his/her stay at the Institute/University is "GOOD".

Place:.....  
Date:.....

Signature of the Principal/Dean/Registrar/  
Dy. Registrar/Proctor/Administrative Officer  
of the institute attending/last attended with seal

**SPONSORSHIP CERTIFICATE**  
(Required from Full-time Sponsored Candidates only)

(This should be typed on the letterhead of the Sponsoring Organization and enclosed with application for admission)

To,  
The Director  
MNIT, Jaipur  
Sub: Sponsoring of an employer for M.Tech. Programme.

We hereby Sponsor the candidature of Mr./Ms. .... who is working in this organization for the last .....years and is presently holding the rank/position of ..... for joining his/her M. Tech. programme in ..... at your Institute as a Full Time candidate in the Department of ..... with specialization in the following areas:

- 1.....
- 2.....
- 3.....

His/her conduct and character is good.

The Institution/Organization would relieve him/her immediately for joining the above course, if selected for admission. We shall fully relieve him/her duties in the organization to devote sufficient time for M. Tech./M. Plan..

Place: .....  
Date:.....

Signature of Head of the Institution/Organization with seal  
Name .....  
Designation .....

\*Candidate should also give a separate undertaking that he would fulfill the attendance requirements of all the courses undertaken by him for fulfillment of the course pursued.

**NO OBJECTION CERTIFICATE**  
(Required from Candidates Seeking Admission on Part-time Basis)

(On a letterhead of the sponsoring organization & enclosed with application for admission)

The undersigned is pleased to permit Mr./Ms. .... who is working in this organization for the last ..... years and is presently holding the rank/position of ..... for pursuing the programme (course) at MNIT Jaipur in the Department of ..... with specialization in the following areas:

- 1.....
- 2.....
- 3.....

His/her conduct and character is good. We are ready to relieve him/her during study hours (usually 8-10 hours of classroom instructions in a week) to undergo the Masters' programme / (usually about 6 hours of classroom instructions in a week) to undergo the Ph.D. programme as per time-table of the Institute, which follows slot system. We understand that the duration of course work is expected to be 4semesters for Part-Time M.Tech. programme/ 3 semesters for part-time Ph.D. programme, while total duration is expected to be 3 years for part time M.Tech./ 5 years for part-time Ph.D.

Place: .....  
Date:.....

Signature of Head of the Institution/Organization with seal  
Name .....  
Designation .....

## OBC Certificate Format

**FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES  
APPLYING FOR APPOINTMENT TO POSTS / ADMISSION TO CENTRAL  
EDUCATIONAL INSTITUTIONS (CEIs), UNDER THE GOVERNMENT OF INDIA**

*This is to certify that Shri/Smt./Kum. \_\_\_\_\_ Son/Daughter of Shri/Smt.*

*\_\_\_\_\_ of Village/Town \_\_\_\_\_  
District/Division \_\_\_\_\_ in the \_\_\_\_\_ State belongs to the*

*\_\_\_\_\_ Community which is recognized as a backward class under:*

- (i) Resolution No. 12011/68/93-BCC(C) dated 10/09/93 published in the Gazette of India Extraordinary Part I Section I No. 186 dated 13/09/93.
- (ii) Resolution No. 12011/9/94-BCC dated 19/10/94 published in the Gazette of India Extraordinary Part I Section I No. 163 dated 20/10/94.
- (iii) Resolution No. 12011/7/95-BCC dated 24/05/95 published in the Gazette of India Extraordinary Part I Section I No. 88 dated 25/05/95.
- (iv) Resolution No. 12011/96/94-BCC dated 9/03/96.
- (v) Resolution No. 12011/44/96-BCC dated 6/12/96 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 11/12/96.
- (vi) Resolution No. 12011/13/97-BCC dated 03/12/97.
- (vii) Resolution No. 12011/99/94-BCC dated 11/12/97.
- (viii) Resolution No. 12011/68/98-BCC dated 27/10/99.
- (ix) Resolution No. 12011/88/98-BCC dated 6/12/99 published in the Gazette of India Extraordinary Part I Section I No. 270 dated 06/12/99.
- (x) Resolution No. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section I No. 71 dated 04/04/2000.
- (xi) Resolution No. 12011/44/99-BCC dated 21/09/2000 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 21/09/2000.
- (xii) Resolution No. 12015/9/2000-BCC dated 06/09/2001.
- (xiii) Resolution No. 12011/1/2001-BCC dated 19/06/2003.
- (xiv) Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- (xv) Resolution No. 12011/9/2004-BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006.

Shri/Smt./Kum. \_\_\_\_\_ and/or his family ordinarily reside(s) in the \_\_\_\_\_ District/Division of \_\_\_\_\_ State. This is also to certify that he/she does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93-Estt.(SCT) dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt.(Res.) dated 09/03/2004.

Dated:

District Magistrate/  
Deputy Commissioner, etc.

Seal

**NOTE:**

- (a) The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
- (b) The authorities competent to issue Caste Certificates are indicated below:-
  - (i) District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / Ist Class Stipendiary Magistrate / Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).
  - (ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate/Presidency Magistrate.
  - (iii) Revenue Officer not below the rank of Tehsildar' and Sub-Divisional Officer of the area where the candidate and / or his family resides.

**OBC UNDERTAKING**

**Declaration/undertaking - for OBC Candidates only**

**I, \_\_\_\_\_ son/daughter of Shri \_\_\_\_\_ resident of village/town/city \_\_\_\_\_ district \_\_\_\_\_ State hereby declare that I belong to the \_\_\_\_\_ community which is recognised as a backward class by the Government of India for the purpose of reservation in services as per orders contained in Department of Personnel and Training Office Memorandum No.36012/22/93- Estt. (SCT), dated 8/9/1993. It is also declared that I do not belong to persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the above referred Office Memorandum, dated 8/9/1993, which is modified vide Department of Personnel and Training Office Memorandum No.36033/3/2004 Estt.(Res.) dated 9/3/2004.**

Signature of the Candidate

Place:

Date:

**Declaration/undertaking not signed by Candidate will be rejected**

**SC/ST CERTIFICATE FORMAT****FORM OF CERTIFICATE TO BE PRODUCED BY A CANDIDATE BELONGING TO SCHEDULED CASTE OR SCHEDULED TRIBE**

This is to certify that Shri/Smt./Kum. \_\_\_\_\_ Son/Daughter of Shri \_\_\_\_\_  
 \_\_\_\_\_ of village/Town \_\_\_\_\_ in District/ Division  
 \_\_\_\_\_ of the State/Union Territory \_\_\_\_\_ belongs to the \_\_\_\_\_  
 caste/Tribe, which is recognized as a Schedule Caste/Scheduled Tribe under.

The Constitution (Scheduled Castes) order, 1950.

The Constitution (Scheduled Tribes) order, 1950.

The Constitution (Scheduled Castes)(Union Territory) order, 1951.

The Constitution (Scheduled Tribes) (Union Territory) order, 1951.

(As amended by the Scheduled Castes and Scheduled Tribes (Modification) Order 1956, the Bombay Reorganization Act, 1960, the Punjab Reorganization Act, 1966, The State of Himachal Pradesh Act, 1970, the North Eastern Areas (Reorganization Act, 1971) and the Scheduled Castes and Scheduled Tribes orders (Amendment) Act, 1976.)

\*The constitution (Jammu & Kashmir) Scheduled Caste Order, 1956;

\*The Constitution (Andaman and Nicobar Islands) Scheduled Tribes, 1959, as amended by the Scheduled Castes and Scheduled Tribes orders (Amendment) Act. 1976;

\*The Constitution (Dadra and Nagar Haveli) Scheduled Castes Order 1962;

\*The Constitution (Dadra & Nagar Haveli) Scheduled Tribes Order, 1962;

\*The Constitution (Pondichery) Scheduled Castes Order, 1964;

\*The Constitution (Uttar Pradesh) Scheduled Tribes Order, 1967;

\*The Constitution (Goa, Daman & Diu) Scheduled Castes Order, 1968;

\*The Constitution (Goa, Daman & Diu) Scheduled Tribes Order, 1968;

\*The Constitution (Nagaland) Scheduled Tribes Order, 1970;

\*The Constitution (Sikkim) Scheduled Castes Order, 1978;

\*The Constitution (Sikkim) Scheduled Tribes Order, 1978;

\*The Constitution (Scheduled Castes) Orders (Amendment) Act, 1990.

\*The Constitution (Scheduled Tribes) Order, (Amendment) Ordinance, 1991.

\*The Constitution (Scheduled Tribes) Order, (Second Amendment) Act, 1991.

\*The Constitution (Scheduled Tribes) Ordinance, 1996

This certificate is issued on the basis of the Scheduled Castes/Scheduled Tribes Certificate issue to Shri \_\_\_\_\_ Father of Shri \_\_\_\_\_ of  
 village/town \_\_\_\_\_ in District/Division \_\_\_\_\_ of the State/UT  
 \_\_\_\_\_ who belongs to the \_\_\_\_\_ caste/Tribe which is recognized as a SC/ST in  
 the State/Union Territory \_\_\_\_\_ issued by the \_\_\_\_\_ (name of  
 the prescribed issuing authority) vide their No. \_\_\_\_\_ dated \_\_\_\_\_ or  
 Shri \_\_\_\_\_ and or his/her family ordinarily reside(s) in Village/Town \_\_\_\_\_ of  
 \_\_\_\_\_ District/Division of the State/Union Territory of \_\_\_\_\_.

Place \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_

Designation \_\_\_\_\_

(With seal of Office)

**NOTE: - The terms ordinarily reside(s) used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.**

**LIST OF AUTHORITIES EMPOWERED TO ISSUE CASTE/TRIBE CERTIFICATE:**

1. District Magistrate/Additional District Magistrate/Collector/Deputy Commissioner /Additional Deputy Commissioner/Dy. Collector/ 1<sup>st</sup> Class Stipendiary Magistrate/Sub Divisional Magistrate/Extra Assistant Commissioner/Taluka Magistrate/Executive Magistrate.
2. Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.
3. Revenue Officers not below the rank of Tehsildar.
4. Sub-Divisional Officers of the area where the candidate and/or his family normally resides.



**PWD CERTIFICATE FORMAT**

**The form of certificate to be produced by Physically Handicapped candidates applying for appointment to posts under the Government of India**

NAME & ADDRESS OF THE INSTITUTE/HOSPITAL

Certificate No

Date



DISABILITY CERTIFICATE

Recent Photograph of the candidate showing the disability duly attested by the Chairperson of the Medical Board

\_\_\_\_\_

This \_\_\_\_\_ is certified that Shri/Smt./Kum \_\_\_\_\_ son/wife/daughter of Shri \_\_\_\_\_ age \_\_\_\_\_ sex \_\_\_\_\_ identification mark(s) is suffering from permanent disability of following category:

A. Locomotor or Cerebral Palsy:

(i) BL—Both legs affected but not arms

(ii) BA—Both arms affected  
(b) Weakness of grip

(a) Impaired reach

(iii) BLA—Both legs and both arms affected

(iv) OL—One leg affected (right or left)

(a) Impaired reach

(b) Weakness of grip

(c) Ataxic

(v) QA—One arm affected (right or left)  
Ataxic

(a) Impaired reach (b) Weakness of grip (c)

(vi) BH—Stiff back and hips (cannot sit or stoop)

(vii) MW—Muscular weakness and limited physical endurance. B. Blindness or Low Vision:

(i) B—Blind

(ii) PB—Partially blind

- C. Hearing impairment: (i) D—Deaf  
(ii) PD—Partially deaf

(Delete the category whichever is not applicable)

2. This condition is progressive/non-progressive/likely to improve/not likely to improve  
Re  
assessment of this case is not recommended/is recommended after a period of  
years months.\*

3. Percentage of disability in his/her case is \_\_\_\_\_ Percent.

4. Shri/Smt./Kum \_\_\_\_\_ meets the following physical requirements for  
discharge of his/her duties:—

- |  |        |
|--|--------|
| (i) F—Can perform work by manipulating with      | Yes/No |
| (ii) PP—Can perform work by pulling and pushing. | Yes/No |
| (iii) L—Can perform work by lifting.             | Yes/No |
| (iv) KC—Can perform work by kneeling and         | Yes/No |
| (v) B—Can perform work by bending.               | Yes/No |
| (vi) S—Can perform work by sitting.              | Yes/No |
| (vii) ST—Can perform work by standing.           | Yes/No |
| (viii) W—Can perform work by walking.            | Yes/No |
| (ix) SE—Can perform work by seeing.              | Yes/No |
| (x) H—Can perform work by hearing/speaking.      | Yes/No |
| (xi) RW—Can perform work by reading and writing. | Yes/No |

(Dr \_\_\_\_\_ ) (Dr \_\_\_\_\_ ) (Dr \_\_\_\_\_ )  
Member Member Chairman  
Medical Board Medical Board Medical Board  
Countersigned by the Medical Superintendent/CMO/Head of Hospital (With seal)

Strike out whichever is not applicable.

**UNDERTAKING IN RESPECT OF ASSISTANTSHIP RECEIVED BY  
M. TECH./M.PLAN./PH.D.STUDENTS**

I Mr./Miss..... (ID.....)

Programme: M. Tech./M.Plan./Ph.D. Department ..... semester.....

Date of initial registration ..... during the academic session.....

son/daughter/wife of Shri .....hereby undertake that:

1. I will not receive any salary, scholarship, stipend or other financial benefits from any other source, except the institute assistantship during the period of my study at the Institute.
2. I shall not appear in any competitive examination, not related to Engg. & Technology.
3. I shall not accept any job without obtaining prior permission of the Institute.
4. I understand that I shall not be permitted to leave the program midway during the entire duration of the programme ( i.e. without its completion) and in case of any default I shall have to refund the entire amount of assistantship received by me.
5. I also understand that in case I withdraw from the enrolled M.Tech./M.Plan./Ph.D. programme without the approval of the institute, the caution money paid shall not be refunded to me .

Date.....

Mobile No.....

Signature of the student

### Contact Details of Head of Departments

<b>S. No.</b>	<b>Academic Department</b>	<b>Email</b>	<b>Phone Number (STD Code 0141)</b>
1	Architecture & Planning	hod.arch@mnit.ac.in	2591164
2	Center for Energy & Environment	hod.cee@mnit.ac.in	2713211
3	Chemical Engg.	hod.chem@mnit.ac.in	2299711
4	Chemistry	hod.chy@mnit.ac.in	2521635
5	Civil Engg.	hod.ce@mnit.ac.in	2713379
6	Computer Engg.	hod.cse@mnit.ac.in	2713418
7	Electrical Engg.	hod.ee@mnit.ac.in	2713398
8	Electronics & Communication Engg.	hod.ece@mnit.ac.in	2713222
9	Humanities & Social Science	hod.hum@mnit.ac.in	2713386
10	Management Studies	hod.dms@mnit.ac.in	2713345
11	Mathematics	hod.maths@mnit.ac.in	2713213
12	Mechanical Engg.	hod.mech@mnit.ac.in	2713330
13	Metallurgical & Materials Engg.	hod.meta@mnit.ac.in	2713140
14	Physics	hod.phy@mnit.ac.in	2713114