

# INFORMATION BROCHURE

FOR ADMISSION TO

DOCTOR OF PHILOSOPHY- Ph.D.

MASTER OF TECHNOLOGY - M. Tech. (Full Time Sponsored/Part Time Sponsored)

MASTER OF PLANNING - M.Plan. (Full Time Sponsored/Part Time Sponsored)

(Odd Semester 2024-25)



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR  
JLN MARG, MALVIYA NAGAR, JAIPUR-302017 (RAJASTHAN)

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

#### FOR FURTHER INFORMATION, PLEASE CONTACT:

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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)).

- Start Date of Online Application :- 10-04-2024
- Last Date of submission of Online Application form :- 29-04-2024 (till 5.00 PM)

Provisional list of shortlisted/eligible candidates for written test/interview will be displayed on Institute website by **10-05-2024**.

- Dates of written test & Interview of the :- 28-29 May 2024  
shortlisted candidates
- Final Result :- 04-06-2024

#### NOTE :-

- *The Ph.D. entrance written test is exempted for the students who have cleared the National Level Examination viz; UGC NET JRF/CSIR JRF/DST Inspire (with scholarship) and can sustain their Ph.D. from external scholarship/assistantship. However, such candidates will be required to appear for the interview if shortlisted.*
- *No separate interview letter will be issued, the mode of written test and interview will be offline and the detailed schedule will be displayed on the institute website, at least one week before the examination.*
- *For more information please refer to Rules and Regulations given on institute website [www.mnit.ac.in](http://www.mnit.ac.in).*

## ADMISSION CATEGORIES (Ph.D.)

### FULL TIME

- i. Full Time with Institute Assistantship
- ii. Full Time with own scholarship
- iii. Full Time Sponsored
- iv. Full Time (Visvesvaraya Ph.D. Scheme)

### PART TIME

- i. Part Time (candidate working within 70 km of Jaipur)
- ii. Institute Project Staff
- iii. Institute Faculty
- iv. Institute Staff
- v. Executive/Professional
- vi. Part Time (Visvesvaraya Ph.D. Scheme)

### Off Campus

- i. Off Campus (Off Campus (beyond 70 km from Jaipur))

## 1. INTRODUCTION

Malaviya National Institute of Technology Jaipur is one of the 31 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 900 students for undergraduate (B.Tech./B.Arch.) programmes and about 750 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.

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, Power Systems Management, 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 Sciences (Physics, Chemistry and Mathematics).

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

## 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 Jawahar Lal 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./M.Plan/MBA 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 as prescribed in PG Rules & Regulations 2.4 (6&7) as follows:-**
  - a. The selected candidate, who has completed all the 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 evidence of their having passed (or at least appeared in) the qualifying degree examination by the last date of registration, failing which the admission may be cancelled.
  - b. The provisions in para 6 above shall not be applicable in the case of M.Tech./M.Plan./MBA student of this institute, who has been provisionally selected for admission to a Ph.D. programme. Such students will be admitted to the Ph.D. Programme subject to the condition that they must have successfully completed all the prescribed requirements including acceptance of their Thesis/Project in a particular semester by the last registration date as specified in the academic calendar.
- 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/PWD implying minimum of 6.0 on the 10 point scale (55% marks, only where CGPA is not awarded) in qualifying degree (refer Table 1).

#### **Visvesvaraya Ph.D. Scheme for Electronics and IT : Phase II of MietY, Govt. of India**

#### **(Only for the Department of Electronics and Communication Engineering (ECE), Computer Science and Engineering (CSE) and Electrical Engineering (EE))**

Departmental screening of candidates under "Visvesvaraya Ph.D. Scheme for Electronics and IT: Phase-II of MietY", Govt. of India (details of fellowship given in Section 8 (viii)) 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) and/or other criterion applied by Department. Additionally, candidates having publications in reputed Journal/ conference would be given due consideration in selection process.

- iii. **Reservation policy as prescribed by Government of India/Ministry of Education from time to time shall be applicable.**

## 4.2 SELECTION PROCESS

Selection process will comprise of two steps (i) Written test (ii) Interview of shortlisted candidates. The written test will comprise of two sections: Section A will test the research aptitude of the candidate and Section B, which will test the subject knowledge of the candidate. A candidate is required to score a minimum of 35% separately in both Part A and Part B. Format/sample questions for Part A and Part B, and sample papers will be made available on the Institute website in due course.

## 4.3 M. TECH./M. PLAN. (FULL TIME WITH ASSISTANTSHIP)

The admissions to M.Tech./M.Plan. (Full Time with Assistantship) will be done through Centralized Counseling for M. Tech./M.Arch./M.Plan. (CCMT) for the year 2024-25. For more details and information brochure, please visit the website [www.ccmt.nic.in](http://www.ccmt.nic.in)

## 4.4 M. 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 recognized 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.

## 4.5 DOCTOR OF PHILOSOPHY

### 4.5.1 PH.D. IN ENGINEERING, ARCHITECTURE & PLANNING DISCIPLINE

The applicant must have a Master's degree in Engineering/Technology/Architecture/Planning with CGPA not below 6.5 on a 10-point scale or 60% marks (Where CGPA is not awarded). In exceptional cases brilliant candidates (graduated from CFTI and other institutions whose NIRF ranking is up to 100) with CGPA of more than 8 (75% marks) in Bachelors degree in Engineering/Architecture/Planning 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.

### 4.5.2 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).

### 4.5.3 PH.D. IN MANAGEMENT

The applicant must have a two-year post-graduate degree or equivalent from recognized institute/University with CGPA not below 6.5 on a ten-point scale or 60% marks (where CGPA is not awarded)

#### 4.5.4 PH.D. IN 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. PH.D. ADMISSION CATEGORIES

S.No.	Category	Full Time/ Part Time	Exam	Interview	Experience	NOC/Consent	Institute Scholarship	GATE/JGC-NET/ National level exam
1.	Full Time with scholarship	Full Time	✓	✓	x	X	✓	✓
2.	Full Time with own scholarship		x	✓	x	X	x	✓
3.	Full Time Sponsored		✓	✓	✓	✓	x	x
4.	Off Campus (beyond 70 km from Jaipur) Sponsored (PT)	Off Campus	✓	✓	✓	✓	x	x
5.	Part Time	Part Time	✓	✓	✓	✓	x	x
6.	Project Staff (PT)		✓	✓	x	✓	x	x
7.	Faculty (PT)		✓	✓	✓	✓	x	x
8.	Staff (PT)		✓	✓	✓	✓	x	x
9.	Executive/Professional*		x	✓	✓	✓	x	x

#### \*The eligibility requirements for the Ph.D. Admission Category: Executive/Professional.

- (1) Only candidates working in following organizations shall be considered:-
  - a. Government organizations/laboratories,
  - b. PSUs, and
  - c. Reputed companies i.e. Companies having annual turnover of Rs. 100 Crores or more.
- (2) Candidate should have following educational qualification and experience.
  - a. Post Graduate Degree with at least 12 years professional experience.
  - b. B.Tech. Degree with at least 15 years professional experience.
- (3) Candidates should have demonstrated research potential through research papers in reputed journals/conferences or patents or technology transfer/deployed.
- (4) The course credit requirement would be as per the current practice for Part-Time candidates.
- (5) The minimum residency requirements for such candidates will be one semester.
- (6) All other conditions shall be as per the PG rules and regulations of MNIT Jaipur.

#### The admission procedure for the Ph.D Admission Category: Executive/Professional

- (1) The candidate will be required to make a research proposal presentation to the DFB. Thereafter, the Chairman of the Departmental Selection Committee (DSC) will send the DFB's recommendation to the Office of Dean Academic (ODA).
- (2) The following committee will conduct the interview of the candidate
  - a. Dean (Academic) Chairperson
  - b. Dean (Research and Consultancy) Member
  - c. Head of the Department Member
- (3) The recommendation of the above committee will be approved by the Chairman, Senate for the selection of the candidate.

### 6. 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

## 7. ADMISSION TO OFF CAMPUS PROGRAMME FOR Ph.D.

- i. A candidate residing outside 70 km radius of Jaipur and 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 & Planning, 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.**

## 8. ADMISSION TO DUAL DEGREE (MPDD) PROGRAM (M.TECH./M.PLAN + Ph.D.)

The Dual degree (MPDD) program has been designed for bright M.Tech./M.Plan students of MNIT Jaipur only, having an inclination and aptitude for research. The program aims to attract the best of the students and attract them early towards research. Once these students complete their M.Tech. course work, they will start their research and earn both M.Tech./M.Plan and Ph.D. degrees at the end of the program.

Once the candidate gets admission into the MPDD program, the requirements of the program will be as per the Ph.D. program in vogue, except for the features indicated below.



### **i. Eligibility:**

1. The students who are admitted to M.Tech./M.Plan program with GATE scholarship at MNIT Jaipur are eligible to register for this program, provided they have an overall CGPA  $\geq 8.0$  upto second semester of the M.Tech./M.Plan program. The program would be open for only full time M.Tech./M.Plan students admitted with GATE score. The candidate should not have any backlog in any of the registered courses for M.Tech./M.Plan.
2. They can convert themselves to the M.Tech./M.Plan.+Ph.D. Dual Degree (MPDD) program of the concerned academic unit where they have registered for M.Tech. program.
3. The student will be given an option to register for MPDD program any time after the declaration of the second-semester results, i.e. after second or third semester.
4. Minimum CGPA for PhD candidacy is 7.5 and above; for the courses registered after admission to MPDD program.

### **ii. Admission process:**

- a) The willing candidate must apply to the institute for the MPDD program through regular PhD admission process every semester. Admission is not a right, but is subject to successful interview and availability of funded scholarship positions (from institute fellowship/UGC/CSIR, etc.)
- b) The candidate must appear for a personal interview in front of the Departmental Selection Committee (DSC), during the routine PhD admissions. No written test would be conducted for the candidates appearing for this program.

### **iii. Program Duration:**

The total duration of the proposed MPDD program will be minimum 4 (1+3) and maximum of 7 (2+5) years from the date of M.Tech./M.Plan. admission at the institute.

### **iv. Program Assistantship:**

- a) The candidate becomes eligible for scholarship for regular PhD scholars. However, for the scholars admitted through MPDD program, M.Tech./M.Plan. Assistantship would continue till the successful clearing of their Comprehensive Exam.
- b) Once the candidate successfully clears the Comprehensive Exam, the difference of eligible assistantship amount since admission to MPDD program (3rd/ 4th semester onwards) till the date of the Comprehensive Exam will be credited to the candidate in equal installments. After that normal PhD Assistantship will be continued. The assistantship can be provided for a maximum period of 5 years from the date of registration in MPDD program, as per the current PhD assistantship norms.
- c) If a candidate converts to part time, his fellowship will cease as per institutional PhD guidelines.

### **v. Course requirements:**

- a) After clearing the first two semesters of M.Tech. program, the remaining credit requirement for the dual degree program will be equal to the sum of pending credit requirements of the concerned M.Tech./M.Plan program plus 9 credit of PhD program.

For example, if an M.Tech. program has 22 credits to be attained in 3rd and 4th semester, the equivalent credit requirements for dual degree will be 22 credit plus 9 credit. The candidate has to appear for a minimum of total 22 credit in the 3rd and 4th semesters, as per the relevant program, but can additionally register for more courses equivalent to 9 credit of PhD program. Likewise in case of M.Plan. the credits to be attained in 3rd and 4th Semester will be 16 and 14 credits respectively and can additionally register for more courses equivalent to 9 credits of Ph.D

Programme. The maximum credit to be registered in any semester is as per current guidelines. This credit can be attained as follows.

<b>For M. Tech. + Ph.D. Dual Degree (MPDD) Programme</b>	<b>For M.Plan + Ph.D. Dual Degree (MPDD) Programme</b>
Third Semester (minimum 11 Credit maximum 17 Credit):  Seminar: 3 Credit Research Methodology I: 2 Credit Four Courses: 12 Credit	Third Semester (minimum 18 Credit maximum 21 Credit):  Courses of regular M.Plan Degree: 16 Credit Research Methodology I: 2 Credit One Courses extra: 3 Credit
Fourth Semester (minimum 11 Credit maximum 19 Credit)  Research Methodology II: 2 Credits Dissertation: 14 Credits One Course: 3 Credits	Fourth Semester (minimum 16 Credit maximum 22 Credit)  Dissertation: 14 Credit Research Methodology II: 2 Credit One/Two Course extra: 3/6 Credits

**Any shortfall of credit can be covered in the 5th semester.**

- b) The candidate must register for sufficient credits in 3rd and 4th semesters, to fulfill the minimum credit requirement for the award of M.Tech./M.Plan. degree, in case the student quits the program with an M.Tech. degree alone.
- c) Comprehensive Exam is to be conducted by the end of the 7th semester, as per current PhD regulations.
- d) The nomination of supervisor for the candidate registering for MPDD program will be done afresh, during the time of departmental interview. The supervisor may be different from the one appointed for the M.Tech./M.Plan program.

#### **vi. Award of degree and Exit options:**

- a) After successful completion of the Viva Voce relating to his/her PhD works, the student concerned will be awarded the MPDD together. The M.Tech./M.Plan. degree will be retroactive from the date of the completion of his/her fulfillment of minimum credit requirement for relevant M.Tech./M.Plan program/Comprehensive Examination.
- b) If the candidate intends to leave the program any time after four semesters or is unsuccessful in the Comprehensive Exam, then the candidate will be entitled to only an M.Tech./M.Plan. degree.
- c) The scholar would not be allowed to appear for M.Tech./M.Plan. placements or internships upto his/her Comprehensive Examination, once admitted into the MPDD program.

## **9. FINANCIAL ASSISTANCE**

- i. The Institute may provide financial assistance to postgraduate students in the form of teaching and 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 ten semesters for Ph.D. students. The stipend for the assistantship is paid at the approved rates as notified by Ministry of Education from time to time. At present a sum of Rs. 31000 + 16% HRA for first two years and Rs. 35000 + 16% HRA for next three years is being given as institute assistantship. A student is expected to devote about eight hours per week towards job(s) assigned to him/her by the department/institute. 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/institute.

- ii. **GATE score will be mandatory for admission to Ph.D. program (with Institute Assistantship) in Engineering and Sciences. The GATE score should have been acquired either within past three years or the candidate should have completed respective Master's degree with a valid GATE score.**
- iii. **For admission to Ph.D. program with Institute Assistantship in the Departments of Management Studies, UGC/CSIR NET shall be mandatory.**
- iv. **For admission to Ph.D. program with Institute Assistantship in the Humanities & Social Sciences, GATE/ UGC NET/CSIR NET shall be mandatory. The GATE score should have been acquired either within past three years or the candidate should have completed respective Master's degree with a valid GATE score.**
- v. 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/ Ministry of Education/ Corporate Houses etc.
- vi. The candidates applying for institute assistantship are required to submit the undertaking at the time of admission in the prescribed Performa given in Annexure-XI.
- vii. **Visvesvaraya Ph.D. Scheme for Electronics and IT : Phase II (MietY, Govt. of India)**

In addition to institute assistantship, a total of **06 fellowships for Full-Time** candidates and **04 seats for Part Time** Ph.D. candidates are available under Visvesvaraya Ph.D. Scheme for Electronics and IT : Phase-II . It is a part of the II phase of Visvesvaraya Ph.D. Scheme to enhance the number of Ph.Ds in Electronic System Design and Manufacturing (ESDM) and IT/IT Enabled Services (ITES) Sector. 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- Electronics and Communication Engineering (ECE), Computer Science and Engineering (CSE), Electrical Engineering (EE)]. Once selected in this scheme, a student is entitled for following:

- a) **Fellowship for Full-time Ph.D. candidate @ Rs. 38,750/- per month (1st 2nd year) and @Rs. 43,750/- per month for 3rd, 4th and 5th year of Ph.D. (support till Ph.D. completion or 05 years whichever is earlier).**
- b) Reimbursement of Rent (RoR) : This component is linked with the fellowship of Ph.D. candidate. The rate of RoR is 16%.
- c) Support for attending International Conference: Support upto Rs. 1.5 Lakhs/Full- time Ph.D. candidate
- d) **The Part-time PhD candidate under Visvesvaraya Ph.D. Scheme for Electronics and IT: Phase-II of MietY is eligible to receive a one-time incentive of Rs. 3.00 Lakhs, through DBT in his/her bank account, on successful completion of PhD.**

## 10. MINIMUM QUALIFICATION(S) FOR ADMISSION TO Ph.D. PROGRAMME

Table 1 : Minimum qualification(s)

Department	Minimum Educational Qualification
Architecture & Planning	Masters degree in Architecture/Planning/Technology in relevant discipline.

<b>Chemical Engineering</b>	<p>1. 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.</p> <p>2. M.Sc./dual MSc.-M.Tech or equivalent degree in chemistry/physics/industrial chemistry/biochemistry/ biotechnology/nano-technology/ material science/ nano-science/environmental science/applied energy/energy sciences/ applied physics/ physical science/ relevant disciplines with at least one mathematics subject at Bachelor/B.Sc./UG level.</p> <p>3. M.Sc./ dual MSc-M.Tech. or equivalent degree in science subjects and consistent with department research areas with at least one mathematics subject at Bachelor/B.Sc/UG level.</p>
<b>Chemistry</b>	M.Sc. in Chemistry/ Medicinal Chemistry / Pharmaceutical Chemistry/ Environmental Chemistry/ 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 Science &amp; Engineering</b>	B.E./B.Tech .in CSE/IT/ECE/EE or equivalent disciplines M.E./M.Tech./M.S. in CSE/IT/ECE/EE or equivalent disciplines
<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. Master's degree in Science may be considered for research areas consistent with the academic background and special interest.
<b>Mathematics</b>	M.Sc./M.A./M.Tech/MS or equivalent degree in Mathematics/statistics or in relevant discipline
<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 Engineering/ Materials Engineering/ Mechanical Engineering/ Materials Science and Engineering/ Metallurgical and Materials Engineering/Chemical Engineering/Ceramic Engineering/Manufacturing Engineering/ Production Engineering/ Materials Science/Forge and Foundry with M.E./M.Tech degree in Metallurgical Engineering/Materials Science/Ceramic Engineering/ Thermal Engineering/Polymer Engineering/Plastic Engineering/ Polymer Science and Engineering/Metallurgy and Materials Science/Materials Engineering/ Design/ Machine Design/Production/Foundry/ Industrial Metallurgy/ Welding Technology/ Manufacturing/ Process Metallurgy/Process Engineering/ Corrosion Engineering/ Nano Technology/Steel Technology/Mineral Processing/ Alloy Technology/ Extractive Metallurgy/ Composites/ Powder Metallurgy.
<b>Physics</b>	The applicant must have a Master's degree in following areas: M.Sc. in Physics/Applied Physics/Engineering Physics/allied areas of Physics/interdisciplinary areas in physical sciences M. Tech or equivalent degree in Materials Science / Solid State Physics/

	Engineering Physics / Polymer Science / Nanoscience and Nanotechnology/ Energy Science /Technology/ Computational Techniques in Physics
<b>Centre for Energy and Environment</b>	1) B.Tech./B.E./B.Arch/MSc. With M.Tech in a relevant discipline. 2) B. Tech. students graduating from CFTI and other institutions whose NIRF ranking is up to 100, with a CGPA of 8.0 or above in the relevant disciplines and a valid GATE score. 3) M.Sc. in Physics/Chemistry/Biotechnology/Renewable Energy/Sustainable Development with JRF (Funding from CSIR/UGC/ICMR).
<b>National Centre for Disaster Mitigation and Management</b>	Bachelor's degree in Civil Engineering/Architecture Master's degree in Structural engineering/Earthquake Engineering or any other branch of civil/architectural Engineering
<b>Management Studies</b>	The applicant must have a two-year post-graduate degree or equivalent from recognized institute/University.
<b>Materials Research Centre</b>	The applicant must have a Master's degree in Engineering/Technology/ Science subject Other Qualifications: 1. M.Tech/ME or equivalent degree in Materials Science and Engineering, Metallurgical Engineering, Ceramics, Mechanical Engineering, Nanoscience, Polymer Technology, Electronics, Nanotechnology. 2. B Tech students graduating from an IIT with a CGPA of 8.0 or above in the above disciplines along with a valid GATE score OR B Tech / BE (from other reputed Institutions of National importance) with CGPA of 8.5 and above, are eligible to apply. 3. M.Sc in Materials Science/Physics/Chemistry Polymer Technology, Electronics, Nanotechnology. Or equivalent Master's degree in allied areas.

**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/concerned National Council in case of Architecture/Town planning.**

## 11. AVAILABLE RESEARCH AREAS IN VARIOUS DEPARTMENTS

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

<b>FULL TIME WITH INSTITUTE ASSISTANTSHIP</b>		
<b>Department/Centres</b>	<b>Faculty member Name</b>	<b>Tentative Research Area of proposed Ph.D.</b>
ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Building Envelope Design for User's Comfort
ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Urban Design for Architectural Design Appreciation
ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Planning and Management for Disaster Resilience
ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Urban Infrastructure/Transport Planning and Management
ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Urban Planning
ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Housing

ARCHITECTURE AND PLANNING	DR. NIRUTI GUPTA	Infrastructure for Sustainable Urban Systems
ARCHITECTURE AND PLANNING	DR. NIRUTI GUPTA	Housing, Affordability & Quality of Life
ARCHITECTURE AND PLANNING	DR. NAND KUMAR	Planning for sustainable urban development
ARCHITECTURE AND PLANNING	DR. NAND KUMAR	Planning for energy Efficiency
ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Planning for Sustainable urban development and Built Environment
ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Planning for Built Vernacular Heritage and traditional knowledge systems
ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Ecology and/or Environment Sensitive Urban Planning
ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Planning and Design for Universal Accessibility
CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Energy management using solar PV and EV
CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Sustainability with renewable energy progress
CENTRE FOR ENERGY AND ENVIRONMENT	DR. JYOTIRMAY MATHUR	Energy efficient buildings
CENTRE FOR ENERGY AND ENVIRONMENT	DR. JYOTIRMAY MATHUR	Low energy cooling
CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Building integrated photovoltaics/solar cells for building energy saving
CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Building integrated photovoltaics/solar cells for building energy saving
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Battery Thermal Management for EVs
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Waste to Energy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Waste to Energy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	Electric Vehicles
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	Smart Grid
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Smart Grids
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Electric Vehicles
CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAYA	Modeling of Air Gap Membrane Distillation
CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAYA	Solvent Extraction of impurities from Gemstones
CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Machine Learning approach for the valorization of agricultural waste into value-added supercapacitors
CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Experimental and computation study for the advanced oxidation of nonbiodegradable wastewater

CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Wastewater Treatment by Electrochemical Methods
CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Synthesis of Novel Materials for Environmental Application
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Wastewater treatment by Novel Methods
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Modeling and Simulation
CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Conversion of Biomass wastes into value added products
CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Production of novel controlled release fertilizers
CHEMICAL ENGINEERING	DR. MD. OAYES MIDDHA	Anaerobic Membrane Bioreactor for the Treatment of Dye-contaminated Wastewater
CHEMICAL ENGINEERING	DR. MD. OAYES MIDDHA	Antifouling Performance of Membrane in a Membrane Bioreactor for Wastewater Treatment
CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Rapid identification of microplastic in water and wastewater using machine learning technique
CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Integration of Machine Learning for Catalytic Conversion of Bio-glycerol to value added products
CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Critical mineral exploration and utilisation from next generation rechargeable batteries
CHEMICAL ENGINEERING	DR. NEETU KUMARI	Hydrogen production by water electrolysis in SOEC
CHEMICAL ENGINEERING	DR. NEETU KUMARI	Evolution of battery materials by experimental and modeling tools
CHEMICAL ENGINEERING	DR. SATYENDRA PRASAD CHAURASIA	Carbon di-oxide capture using membrane technology for valorization
CHEMICAL ENGINEERING	DR. SATYENDRA PRASAD CHAURASIA	Super critical water gasification of biomass for hydrogen production
CHEMICAL ENGINEERING	DR. RAJ KUMAR VYAS	Reactive Adsorption Studies
CHEMICAL ENGINEERING	DR. RAJ KUMAR VYAS	Greywater Treatment Studies
CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Catalysis for waste to energy in the framework of circular economy
CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Catalysis to mitigate carbon footprint and environmental impacts
CHEMICAL ENGINEERING	DR. POOJA JANGIR	Migration of Particles in Microchannels
CHEMICAL ENGINEERING	DR. POOJA JANGIR	Numerical Study on Flow Over Bluff Bodies
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Sustainable hydrogen production and CO <sub>2</sub> capture
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	AI & ML model development for energy sectors
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Co-pyrolysis of biomass and plastic
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Biomass gasification to syngas

CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	study of advanced oxidation processes for industrial wastewater
CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	nanomaterials for water and wastewater treatment
CHEMICAL ENGINEERING	DR. HRUSHIKESH MADHUSUDAN GADE	Molecular dynamics investigations for biopolymer-based novel materials development using self-assembly approach.
CHEMICAL ENGINEERING	DR. HRUSHIKESH MADHUSUDAN GADE	Exploring experimental and computational strategies for fuel cell component optimization: a molecular dynamics and machine learning approach.
CHEMICAL ENGINEERING	DR. MADHU AGARWAL	Synthesis and application of waste derived biochar for water treatment
CHEMICAL ENGINEERING	DR. MADHU AGARWAL	Development of value added products from natural and industrial waste materials
CHEMICAL ENGINEERING	DR. KAILASH SINGH	Application of Artificial Intelligence in Process Systems
CHEMICAL ENGINEERING	DR. DIPALLOY DATTA	Utilization of Marble Waste to Capture CO <sub>2</sub>
CHEMICAL ENGINEERING	DR. DIPALLOY DATTA	Synthesis and Application of Biochar for CO <sub>2</sub> Capture
CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Reactive distillation in microchannels
CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Carbondioxide capture and conversion into valuable products
CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Machine Learning application in reactive divided wall distillation column
CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Synthesis of Nanocomposite based polymeric membrane for wastewater treatment.
CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Waste CO <sub>2</sub> conversion into valuable chemicals
CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Industrial waste as catalyst for environmental remediation
CHEMICAL ENGINEERING	DR. SUJA GEORGE	Extraction of essential oils towards sustainable feedstock for chemical industry
CHEMICAL ENGINEERING	DR. SUJA GEORGE	Tailored nanomaterials from mining waste for Defluoridation of drinking water
CHEMISTRY	DR. RAJ KUMAR JOSHI	Design and synthesis of 3d-Transition metal complexes for selected organic transformationl
CHEMISTRY	DR. RAJ KUMAR JOSHI	Transition metal assisted Distal CH activation
CHEMISTRY	DR. BIMAN BANDYOPADHYAY	Matrix isolation IR spectroscopy of astrochemically important molecules



CHEMISTRY	DR. BIMAN BANDYOPADHYAY	Chemistry of small molecules under high pressure
CHEMISTRY	DR. SUMANTA KUMAR MEHER	Nanomaterials for sustainable energy and environmental applications
CHEMISTRY	DR. SUMANTA KUMAR MEHER	Layered materials for energy and environmental applications
CHEMISTRY	DR. BARUN JANA	Transition metal complexes of triazolyl-pyridine ligands on benzene platform in catalytic organic transformation reactions
CHEMISTRY	DR. BARUN JANA	Transition metal complexes of triazolyl-pyridine ligands with pendant O/S/Se donor in catalytic organic transformation reactions
CHEMISTRY	DR. PRADEEP KUMAR	Modeling the reaction energetics and kinetics of chemical reactions involving species having high multireference character
CHEMISTRY	DR. ABHINEET VERMA	NIR Spectroscopy
CHEMISTRY	DR. ABHINEET VERMA	Molecular Magnetism (MM)
CHEMISTRY	DR. RAHUL	Small Analyte Sensing
CHEMISTRY	DR. RAHUL	Nano materials
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Syntheses of Transition Metal Complexes of N-Heterocyclic Carbene ligands and their Applications
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Novel Organic Transformations Employing Ruthenium-NHC Pre-Catalysts
CHEMISTRY	DR. SUMIT KUMAR SONKAR	Iron Oxide Nanoparticles: Synthesis and Application
CHEMISTRY	DR. SUMIT KUMAR SONKAR	Transition Metal Based Nanomaterials for CO <sub>2</sub> Reducation Applications
CHEMISTRY	DR. RAGINI GUPTA	Green synthesis of nanomaterials for pollutant detection and remediation of water
CHEMISTRY	DR. RAGINI GUPTA	Carbon based nanomaterials
CIVIL ENGINEERING	DR. HIMANSHU ARORA	Climate Change impacts on Water Sector using Machine Learning
CIVIL ENGINEERING	DR. HIMANSHU ARORA	Planning of Water resources development using physical modelling / linked simulation-optimization.
CIVIL ENGINEERING	DR. ABHISEKH SAHA	Behavior of hydrogel amended soil
CIVIL ENGINEERING	DR. ABHISEKH SAHA	Soil stabilization using waste material
CIVIL ENGINEERING	DR. SANJAY MATHUR	Indoor Environment Quality Assessment
CIVIL ENGINEERING	DR. UTTAM SINGH	comprehensive study on MAR due geological heterogeneity
CIVIL ENGINEERING	DR. UTTAM SINGH	Groundwater modeling for Arid regions
CIVIL ENGINEERING	DR. P V RAMANA	Waste material utilization in diverse structural elements: A comparative study on Experimental AI technique

CIVIL ENGINEERING	DR. P V RAMANA	Recycled waste material as a replacement in Cement production: A comparative study on Experimental AI technique
CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Numerical Simulation of Free Surface Flows
CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Streamflow Forecasting Using Data Driven Approaches
CIVIL ENGINEERING	DR. MAHESH KUMAR JAT	Remote Sensing, and their applications in water and environment
CIVIL ENGINEERING	DR. MAHESH KUMAR JAT	Water Resources Management
CIVIL ENGINEERING	DR. SUSHREE SUNAYANA	Enhancing durability and thermal properties of concrete using nanomaterials
CIVIL ENGINEERING	DR. SUSHREE SUNAYANA	Investigation of size effect in the split tensile strength of concrete using digital image correlation method
CIVIL ENGINEERING	DR. RAMESHWAR JAGANNATH VISHWAKARMA	Evaluation of structural response of Slab on grade
CIVIL ENGINEERING	DR. RAMESHWAR JAGANNATH VISHWAKARMA	Evaluation of mechanical properties of preplaced aggregates concrete
CIVIL ENGINEERING	DR. SURESH KUMAR TIWARI	Characteristics of randomly distributed fiber reinforced fly ash.
CIVIL ENGINEERING	DR. SURESH KUMAR TIWARI	Soil stabilization using waste materials.
CIVIL ENGINEERING	DR. SABYASACHI SWAIN	Climate change impacts on water resources
CIVIL ENGINEERING	DR. SABYASACHI SWAIN	Hydroclimatic extremes
CIVIL ENGINEERING	DR. DHIRAJ RAJ	Performance Based Design of Hill Buildings considering Soil-Structure Interaction Effect
CIVIL ENGINEERING	DR. DHIRAJ RAJ	Seismic Risk Evaluation of Concrete Gravity Dams
CIVIL ENGINEERING	DR. ANOOP IRANNA SHIRKOL	Structural responses and control
CIVIL ENGINEERING	DR. ANOOP IRANNA SHIRKOL	Structural Dynamics and Earthquake Engineering
CIVIL ENGINEERING	DR. RUCHI SHARMA	Assessment of environmental and health impacts of biofuel-powered vehicles
CIVIL ENGINEERING	DR. RUCHI SHARMA	Application of machine learning to evaluate impact of electrical vehicles on climate change and public health
CIVIL ENGINEERING	DR. NEHA SHRIVASTAVA	Ground Improvement methods with the application of Alternate Materials
CIVIL ENGINEERING	DR. NEHA SHRIVASTAVA	Experimental/ Mathematical Modeling of Geosynthetics reinforced Earth Structures
CIVIL ENGINEERING	DR. SANDEEP SHRIVASTAVA	Industrial waste based application in Sustainable/lightweight Material development
CIVIL ENGINEERING	DR. SANDEEP SHRIVASTAVA	Low carbon material development for sustainable Construction

CIVIL ENGINEERING	DR. MAHENDER CHOUDHARY	Water management under Climate Change
CIVIL ENGINEERING	DR. MAHENDER CHOUDHARY	Sustainable wastewater treatment methods
CIVIL ENGINEERING	DR. SANYAM DANGAYACH	In-situ groundwater remediation using geotechnical engineering principles
CIVIL ENGINEERING	DR. SANYAM DANGAYACH	Impact of ground improvement techniques on soil behaviour under vibratory loading
CIVIL ENGINEERING	DR. PAWAN KALLA	Sustainable Construction Materials/Products Utilizing Stone Industry Waste
CIVIL ENGINEERING	DR. PAWAN KALLA	Relationship Between Properties of Sustainable Materials Prepared with Stone Industry Waste and Pavement Design Parameters
CIVIL ENGINEERING	DR. RAJESH GUPTA	Fibre Reinforced Self Compacting Concrete
CIVIL ENGINEERING	DR. URMILA BRIGHU	Waste treatment with advanced Oxidation Process
CIVIL ENGINEERING	DR. URMILA BRIGHU	Application of Physico Chemical Processes for Water treatment
CIVIL ENGINEERING	DR. SUMIT KHANDELWAL	Remote sensing and GIS applications for Urban heat island analysis
CIVIL ENGINEERING	DR. SUMIT KHANDELWAL	Study on Climate Change and its effects at local level
CIVIL ENGINEERING	DR. NIVEDITA KAUL	Physical and Chemical characterization of air pollutants
CIVIL ENGINEERING	DR. NIVEDITA KAUL	Noise pollution and control
COMPUTER SCIENCE AND ENGINEERING	DR. DINESH GOPALANI	Natural Language Processing
COMPUTER SCIENCE AND ENGINEERING	DR. DINESH GOPALANI	Source Code Analysis
COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Federated learning based security solutions for IoT and VANET
COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Machine Learning based security solutions for IoT, VANET and SDN
COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	AI based Security for 5G and beyond, Open RAN, etc.
COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Networked systems for machine learning (ML) and ML for networked systems
COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Explainable AI for smart farming
COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Developing efficient deep learning method for image processing
COMPUTER SCIENCE AND ENGINEERING	DR. PILLI EMMANUEL SHUBHAKAR	Website Fingerprinting Defenses with Deep Learning
COMPUTER SCIENCE AND ENGINEERING	DR. PILLI EMMANUEL SHUBHAKAR	Quantum Machine Learning

COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	Natural Language Processing
COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	Machine Learning
COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Trustworthy AI and Security
COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Graph Neural Network and Generative AI
COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Latest Generative AI modeling based Image/Video Super-Resolution
COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Deep Learning based Action Quality Assessment for various applications of video understanding.
COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	CyberGPT: AI and Logic driven Language Models for Cybersecurity
COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Cyber Transformers: Deep Learners for CyberSpace
COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Machine Learning Techniques to Enhance Network Security
COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Vulnerability analysis in IoT devices using Machine Learning
COMPUTER SCIENCE AND ENGINEERING	DR. GIRDHARI SINGH	Enhancing software defect prediction using machine learning techniques
COMPUTER SCIENCE AND ENGINEERING	DR. GIRDHARI SINGH	Improving regression testing using machine learning
COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	1.AI-Driven Intrusion Detection with Federated Learning
COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	2.Game-Theoretic AI and Deep Learning Frameworks for Zero-Day Cyber-attacks
COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Deep Learning for Modern Computer Vision Tasks
COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Machine/Deep Learning and its Applications to Biomedical Image Processing and Anomaly detection
COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Dynamic traffic grooming algorithms in Elastic Optical Networks under unicast and multicast approaches
COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Predictive modelling and data analytics in machine learning
COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs
COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Enhancing Generative AI using Graph Neural Networks
COMPUTER SCIENCE AND ENGINEERING	DR. ARKA PROKASH MAZUMDAR	Trust/Zero-Trust in IoT and 5G
COMPUTER SCIENCE AND ENGINEERING	DR. ARKA PROKASH MAZUMDAR	Deep Learning for Intelligent Transportation/IoV
COMPUTER SCIENCE AND ENGINEERING	DR. DINESH KUMAR TYAGI	Distributed Collaborative Learning

COMPUTER SCIENCE AND ENGINEERING	DR. DINESH KUMAR TYAGI	AI/ML techniques in next generation computer Networks
COMPUTER SCIENCE AND ENGINEERING	DR. MUSHTAQ AHMED	Applications of AI and Blockchain in other domains.
COMPUTER SCIENCE AND ENGINEERING	DR. MUSHTAQ AHMED	AI-Driven Applications in 5G, 6G, and Beyond
COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	Explainable AI in IR and NLP:
COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	Development of chatbot using LLM
COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Hybrid Deep Learning techniques for pattern recognition
COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Integrated Machine Learning and Nature Inspired optimisation algorithms for smart farming
COMPUTER SCIENCE AND ENGINEERING	DR. SATYENDRA SINGH CHOUHAN	Continual Machine Learning
COMPUTER SCIENCE AND ENGINEERING	DR. SATYENDRA SINGH CHOUHAN	Open world machine learning
COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Machine Learning and Cyber Security
COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Blockchain and Security for Web 3.0
ELECTRICAL ENGINEERING	DR. SATISH SHARMA	Analysis and Optimization of Renewable Sources in Smart Grid
ELECTRICAL ENGINEERING	DR. SATISH SHARMA	Cyber Security of Power system
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Machine Learning in Medical Robotics
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Deep Learning in Speech Processing
ELECTRICAL ENGINEERING	DR. KHALEEQR REHMAN NIAZI	Smart Distribution system optimization
ELECTRICAL ENGINEERING	DR. KHALEEQR REHMAN NIAZI	Multi-Carrier Energy systems
ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	Microgrid: Analysis and Planning; State Estimation
ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	Application of AI/ML in SCADA based power network
ELECTRICAL ENGINEERING	DR. SANDEEP N	Multilevel inverters
ELECTRICAL ENGINEERING	DR. SANDEEP N	Reconfigurable electric vehicle motor drive
ELECTRICAL ENGINEERING	DR. DIPTI SAXENA	Electric Vehicles for traffic flow and energy management
ELECTRICAL ENGINEERING	DR. DIPTI SAXENA	Advanced Distribution system management
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Smart Grids
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Electric Vehicles
ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	DC-DC Converters
ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	Electric Vehicles
ELECTRICAL ENGINEERING	DR. NITIN GUPTA	Microgrid and Distributed Energy Management in Smart Grid
ELECTRICAL ENGINEERING	DR. NITIN GUPTA	Power Electronics Converters for Energy Management in Microgrid
ELECTRICAL ENGINEERING	DR. SARAVANA PRAKASH P	Electric Vehicle (EV) Integration to Grid

ELECTRICAL ENGINEERING	DR. SARAVANA PRAKASH P	Power Quality Improvement in AC-DC Converters
ELECTRICAL ENGINEERING	DR. NEELI SATYANARAYANA	System and Control Engineering
ELECTRICAL ENGINEERING	DR. NEELI SATYANARAYANA	Control theory applications to Power Electronics and Power Systems
ELECTRICAL ENGINEERING	DR. MANOJ FOZDAR	Power system operation and control
ELECTRICAL ENGINEERING	DR. MANOJ FOZDAR	Power system economics
ELECTRICAL ENGINEERING	DR. ANIL SWARNKAR	Optimal Planning and Operation of Microgrid
ELECTRICAL ENGINEERING	DR. ANIL SWARNKAR	Application of AI and Machine Learning in Contemporary Distribution System
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	Error Control Coding in Free Space Optical Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	Visible Light Communication for high data rate applications
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAVI KUMAR MADDILA	Smart and high data rate LiFi communication system
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAVI KUMAR MADDILA	5G application for minimising vehicular accidents
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	AI based health care applications
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Deep Learning for computer vision
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. DEEPAK BHARTI	Microelectronic Devices and Sensors
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. DEEPAK BHARTI	Device and sensors for energy applications
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Emerging devices and applications to edge computing
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Compute in memory applications of emerging devices
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	AI and Cognitive Approaches for language translation
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	AI Approaches for EDA/VLSI/IoT-CPS
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. LAVA BHARGAVA	AI for IoT
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. LAVA BHARGAVA	Quantum Computing

ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KAMALESH KUMAR SHARMA	Antenna design for 5G/6G applications
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KAMALESH KUMAR SHARMA	Image processing with ML techniques
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	MEMS, Nano devices
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	Signal processing
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ANKIT	Molecular Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ANKIT	Digital Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Emerging Technologies in Biomedical Signal processing
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Emerging Technologies in 5G Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Integrated Photonics for Quantum Computations
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Use of Artificial Intelligence techniques to estimate Photonics Circuit Performance
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SARTHAK SINGHAL	MULTIBAND/WIDEBAND MICROSTRIP ANTENNA
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SARTHAK SINGHAL	MULTIBAND/WIDEBAND METAMATERIAL SURFACES
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Design of Microstrip Antenna for wireless communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Design of Frequency Selective surfaces/ Absorbers, Resonators for wireless communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RITU SHARMA	Nanosensors and Nanodevices and its applications
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RITU SHARMA	Shared aperture phased array antennas
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	AI/ML for Seismic Signal Processing
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	Optimization techniques in 5G Communication

ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Microwave Imaging
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Near Field Measurements
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Analog and Digital VLSI Design
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	AI/ML in healthcare
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	Biomedical Circuit/Systems
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	Analog Integrated Circuits
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	MEMS based sensors
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Circularly Polarized MIMO Dielectric Resonator Antenna
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Multiband and Wideband Dielectric Resonator Antenna
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. R. P. YADAV	Emerging technologies in 5G Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. R. P. YADAV	Microstrip Antennas and Arrays for 5G Communication
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Political Institutions
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Constitution Politics of Secessionism in Different parts of India.
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	International Economics: Global economic integration, International Trade policies, and Supply chain disruptions
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	Behavioural Economics: Happiness and Well-being Economics
HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Literature of the Marginalized
HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Contemporary Trends in Literary Studies
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Sociology of Gender: Gender inequality and sustainable development



HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Digital Sociology: Inequalities and marginalisation, social and cultural change
MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Supply Chain Thinking Under Environmental Turbulence
MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Management of waste collection and its disposal
MANAGEMENT STUDIES	DR. DIVESH KUMAR	Digital marketing for sustainable products
MANAGEMENT STUDIES	DR. MONICA SHARMA	Sustainable Supply Chain Management
MANAGEMENT STUDIES	DR. MONICA SHARMA	Women Entrepreneurship
MANAGEMENT STUDIES	DR. RITIKA MAHAJAN	Strategic Management
MANAGEMENT STUDIES	DR. RITIKA MAHAJAN	Business Sustainability
MANAGEMENT STUDIES	DR. SHWETA SHARMA	Sustainable Finance
MANAGEMENT STUDIES	DR. SHWETA SHARMA	Corporate Finance
MANAGEMENT STUDIES	DR. REETA SINGH	Organizational Development and Management
MANAGEMENT STUDIES	DR. REETA SINGH	Employee Engagement
MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	HR Analytics and adoption behavior
MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Sustainability and organizational behavior
MANAGEMENT STUDIES	DR. SHRIDEV	Corporate Finance
MANAGEMENT STUDIES	DR. SHRIDEV	Behavioral Finance
MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Impact of Industry 4.0 Enablers on Retailing
MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Marketing and Promotion of Sustainable Fashion
MANAGEMENT STUDIES	DR. DEEPAK VERMA	Online/Digital Marketing
MANAGEMENT STUDIES	DR. DEEPAK VERMA	Behavior in Digital/Online Environments
MANAGEMENT STUDIES	DR. Sandipan Karmakar	AI/ML in Business Applications
MANAGEMENT STUDIES	DR. Sandipan Karmakar	Supply Chain and Optimization
MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Development of hybrid nanomaterials for biological applications
MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Development of supramolecular metallogels for electronic applications
MATERIAL RESEARCH CENTER	DR. NISHA VERMA	2D Material synthesis and characterization for Energy Application
MATERIAL RESEARCH CENTER	DR. NISHA VERMA	Composite processing for Cutting Tools
MATERIAL RESEARCH CENTER	DR. KANUPRIYA SACHDEV	Metal ion battery research & development
MATERIAL RESEARCH CENTER	DR. KANUPRIYA SACHDEV	Development of energy storage electrode materials
MATHEMATICS	DR. SANJAY BHATTER	Study of Generalized Special function and its applications
MATHEMATICS	DR. SANJAY BHATTER	Application of fractional calculus and special functions in Mathematical modeling
MATHEMATICS	DR. PRIYANKA HARJULE	Computational Statistics
MATHEMATICS	DR. VARUN JINDAL	Hyperspace topologies and their applications

MATHEMATICS	DR. VARUN JINDAL	Topologies on spaces of continuous functions
MATHEMATICS	DR. ANUBHA JINDAL	Generalized Metric Spaces and their applications
MATHEMATICS	DR. ANUBHA JINDAL	Topologies on closed and closed convex sets
MATHEMATICS	DR. RITU AGARWAL	Computational methods for epidemiological models
MATHEMATICS	DR. RITU AGARWAL	Modeling and simulation of biological models
MATHEMATICS	DR. SANTOSH CHAUDHARY	Computational Scheme for Partial Differential Equations
MATHEMATICS	DR. SANTOSH CHAUDHARY	Numerical Investigations of Ordinary Differential Equations
MATHEMATICS	DR. OM P. SUTHAR	Mathematical modeling and numerical simulation of fluid flows.
MATHEMATICS	DR. OM P. SUTHAR	Computational study of nonlinear differential equations.
MATHEMATICS	DR. GEETANJALI CHATTOPADHYAY	Fluid Dynamics
MATHEMATICS	DR. GEETANJALI CHATTOPADHYAY	Thin film flows
MECHANICAL ENGINEERING	DR. DINESH KUMAR	Failure and Fracture Analysis of Composite Materials using Phase Field Modelling
MECHANICAL ENGINEERING	DR. DINESH KUMAR	Dynamic Response of Thermoviscoelastic Plate/Shell Based on Non-Classical Continuum Mechanics (CCM)
MECHANICAL ENGINEERING	DR. AMIT ARORA	High conductance Earth-Air heat exchange systems
MECHANICAL ENGINEERING	DR. AMIT ARORA	Solar drying of perishable agro produce
MECHANICAL ENGINEERING	DR. GUNJAN SONI	Supply Chain Reliability
MECHANICAL ENGINEERING	DR. GUNJAN SONI	Predictive Maintenance
MECHANICAL ENGINEERING	DR. NARESH KUMAR RAGHUWANSHI	Vibration and AI/ML based machinery fault diagnosis
MECHANICAL ENGINEERING	DR. NARESH KUMAR RAGHUWANSHI	Active Noise and Vibration Control
MECHANICAL ENGINEERING	DR. MAKKHAN LAL MEENA	Ergonomic Evaluation and design of workplace in SMEs
MECHANICAL ENGINEERING	DR. MAKKHAN LAL MEENA	Ergonomic design intervention of vibrating hand tools in handicraft industries
MECHANICAL ENGINEERING	DR. TAPAS BAJPAI	Development of hardfacing composition for earth moving equipments
MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Damage Tolerant Design Approach
MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Fracture of piezoelectric materials
MECHANICAL ENGINEERING	DR. RAKESH JAIN	Supply chain resilience
MECHANICAL ENGINEERING	DR. RAKESH JAIN	Metaverse in supply chain

MECHANICAL ENGINEERING	DR. AMAR PATNAIK	Development and characterization of high-temperature wear and corrosion resistance high entropy alloy (HEA) for turbine engine blade
MECHANICAL ENGINEERING	DR. AMAR PATNAIK	Development of Hybrid composite materials for Structural Applications
MECHANICAL ENGINEERING	DR. PANKAJ KUMAR GUPTA	Investigations on Metal Additive Manufacturing
MECHANICAL ENGINEERING	DR. PANKAJ KUMAR GUPTA	Design and development of Hybrid natural fiber reinforce composite
MECHANICAL ENGINEERING	DR. MUKESH KUMAR	Mechanical and tribology study of MMC
MECHANICAL ENGINEERING	DR. MUKESH KUMAR	Mechanical and tribology study of PMC
MECHANICAL ENGINEERING	DR. HIMANSHU CHAUDHARY	Dynamic Balancing of mechanisms
MECHANICAL ENGINEERING	DR. HIMANSHU CHAUDHARY	Design of agricultural machineries
MECHANICAL ENGINEERING	DR. PREETI GULIA	Acoustic Emission testing/Non-destructive Testing
MECHANICAL ENGINEERING	DR. PREETI GULIA	Metamaterial Subjected to Low Frequency Elastic Waves
MECHANICAL ENGINEERING	DR. MANISH KUMAR	Development and Characterization of a novel TPMS architected heat sink
MECHANICAL ENGINEERING	DR. NIKHIL SHARMA	Hydrogen-fueled internal combustion engines
MECHANICAL ENGINEERING	DR. NIKHIL SHARMA	Exhaust emissions and its control technology for an internal combustion engine
MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Disruptive Technologies for Supply Chain Decarbonization
MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Industry 4.0 enabled Sustainable Manufacturing
MECHANICAL ENGINEERING	DR. DILIP SHARMA	Alternate fuels for IC engines
MECHANICAL ENGINEERING	DR. DILIP SHARMA	Solar Thermal Refrigeration
MECHANICAL ENGINEERING	DR. HARLAL SINGH MALI	Advanced Hybrid Textile Composite Fabrication, Characterisation and Product Development
MECHANICAL ENGINEERING	DR. HARLAL SINGH MALI	Micro Machining and Micro Abrasive Flow Finishing and Product Development
MECHANICAL ENGINEERING	DR. ANOJ MEENA	Characterization of composite material.
MECHANICAL ENGINEERING	DR. ANOJ MEENA	Wear and mechanical characterization of composite.
MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Design and development of toughened carbon fiber-based composites
MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Mechanical behavior of advanced laminated composites
MECHANICAL ENGINEERING	DR. JYOTIRMAY MATHUR	Energy efficient buildings
MECHANICAL ENGINEERING	DR. JYOTIRMAY MATHUR	Low energy cooling
MECHANICAL ENGINEERING	DR. MURARI LAL MITTAL	Supply Chain 4.0

METALLURGICAL AND MATERIALS ENGINEERING	DR. JYOTIRMAYA KAR	Weldability studies of steel and inconel fabricated by additive manufacturing route.
METALLURGICAL AND MATERIALS ENGINEERING	DR. JYOTIRMAYA KAR	Resistance spot welding of dissimilar metals of automotive applications.
METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	Mechanical behaviour of a High Entropy Alloy used for the aerospace application.
METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	Mechanical properties evaluation of an additive manufactured alloy.
METALLURGICAL AND MATERIALS ENGINEERING	DR. ABHISHEK TRIPATHI	Development of high strength materials through severe plastic deformation techniques
METALLURGICAL AND MATERIALS ENGINEERING	DR. ABHISHEK TRIPATHI	On the use of Additive manufacturing for aerospace applications
METALLURGICAL AND MATERIALS ENGINEERING	DR. KRISHNA KUMAR	Coating on Carbon Fiber Reinforced Materials to enhance its thermal and electrical property for Aerospace applications
METALLURGICAL AND MATERIALS ENGINEERING	DR. KRISHNA KUMAR	Tribological behaviour of Electrochemically coated high entropy alloy on substrate
METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Coatings for corrosion prevention
METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Development of polymer matrix composites using metallurgical waste
METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Development of Plasma Sprayed High Temperature Oxidation Resistant Coating Materials for Space Applications
METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Development of ultra-high hardness steel through grain refinement for automotive and defense industries
METALLURGICAL AND MATERIALS ENGINEERING	DR. AJAYA KUMAR PRADHAN	Development of high-performance aluminum alloys
METALLURGICAL AND MATERIALS ENGINEERING	DR. SREEKUMAR VADAKKE MADAM	Development of aluminium nanocomposites for electric vehicles
METALLURGICAL AND MATERIALS ENGINEERING	DR. SREEKUMAR VADAKKE MADAM	Development of aluminium nanocomposite 3D architecture for friction applications
METALLURGICAL AND MATERIALS ENGINEERING	DR. MANJESH KUMAR MISHRA	Microstructure and Mechanical Behavior of Steel
METALLURGICAL AND MATERIALS ENGINEERING	DR. MANJESH KUMAR MISHRA	Friction Welding of Steel and Superalloy
METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Disimilar metal weld joints
METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Characterization of Aerospace grade materials
METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Deformation Behavior of Materials
METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Crystallographic Texture

METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	High Entropy Oxides/Energy Stabilized Oxides for Functional and high temperature applications.
METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Waste to wealth: extracting precious metals from the battery waste/e-waste.
METALLURGICAL AND MATERIALS ENGINEERING	DR. VIJAY NAVARATNA NADAKUDURU	Synthesis and Characterization of Smart Composites
METALLURGICAL AND MATERIALS ENGINEERING	DR. VIJAY NAVARATNA NADAKUDURU	Synthesis and Characterization of Fe based cutting tools
NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Seismic Vulnerability Assessment and Mitigation Strategies: Advancements in Mathematical Modeling for Earthquake Resilience
NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Dynamic Earthquake Response Modeling: Enhancing Predictive Capabilities through Advanced Mathematical Techniques
NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. NISHANT ROY	Earthquake Behavior of Dams
NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. NISHANT ROY	Landslide Hazard Assessment and Mitigation
NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. JAGAJYOTI PANDA	Implications of time delay in pseudo-dynamic testing of structural systems
NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. JAGAJYOTI PANDA	Robust design of resonant element-based discrete proportional-integral controller
PHYSICS	DR. AKHILESH NAUTIYAL	Models of Inflation in the light of cosmic microwave background and large scale structure observations
PHYSICS	DR. AKHILESH NAUTIYAL	Testing theories of modified gravity from cosmology
PHYSICS	DR. K VENKATARATNAM KAMMA	Investigating properties and Nature of Dark energy
PHYSICS	DR. K VENKATARATNAM KAMMA	Investigating formation and observational structures of Primordial Black Holes
PHYSICS	DR. SRINIVASA RAO NELAMARRI	Investigation of ion beam irradiation induced modification of nanocrystalline thin films
PHYSICS	DR. SRINIVASA RAO NELAMARRI	Structural and optical studies of nanomaterials for optoelectronic application
PHYSICS	DR. KAVITA LALWANI	Heavy Flavour Physics (High Energy Physics)
PHYSICS	DR. KAVITA LALWANI	Study the Physics Beyond the Standard Model (High Energy Physics)

PHYSICS	DR. KANUPRIYA SACHDEV	Metal ion battery research & development
PHYSICS	DR. KANUPRIYA SACHDEV	Development of energy storage electrode materials
PHYSICS	DR. RAJNISH DHIMAN	Advanced materials for rechargeable aqueous metal air batteries
PHYSICS	DR. RAJNISH DHIMAN	Electrode materials for Polymer Electrolyte Membrane electrolyzer and fuel cells

**FULL TIME SPONSORED/OFF CAMPUS/PART TIME (INSTITUTE FACULTY, INSTITUTE STAFF, EXECUTIVE/PROFESSIONAL)**

Department/Centre	Faculty Name	Tentative Research Area of proposed Ph.D
ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Visual Communication of Building and Built Environment
ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Evaluation of Thermal and Visual Comfort for Indoor and Outdoor Spaces
ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Buildings Development Regulations for Smart Cities
ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Construction Project Management
ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Urban Transport Planning and Engineering
ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Urban Infrastructure Planning and Management
ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Planning for Disaster Resilience
ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Built Environment
ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Urban form and Planning
ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Housing
ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Infrastructure and Planning
ARCHITECTURE AND PLANNING	DR. NIRUTI GUPTA	Infrastructure for Sustainable Urban Systems
ARCHITECTURE AND PLANNING	DR. NIRUTI GUPTA	Housing, Affordability & Quality of Life
ARCHITECTURE AND PLANNING	DR. NAND KUMAR	Planning for sustainable urban development
ARCHITECTURE AND PLANNING	DR. NAND KUMAR	Planning for energy efficiency
ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Planning for Sustainable urban development and Built Environment
ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Planning for Vernacular Heritage and traditional knowledge systems
ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Planning and Growth management of urban areas
ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Urban Systems and their Planning

ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Ecology and/or Environment Sensitive Urban Planning
ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Sustainable Practices in Planning and Design
ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Energy Efficient Urban Planning / Design
ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Planning and Design for Universal Accessibility
CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Sustainability with renewable energy progress
CENTRE FOR ENERGY AND ENVIRONMENT	DR. JYOTIRMAY MATHUR	Energy efficient buildings
CENTRE FOR ENERGY AND ENVIRONMENT	DR. JYOTIRMAY MATHUR	Low energy cooling
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Battery Thermal Management for EVs
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Waste to Energy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Waste to Energy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	AI applications in Energy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Security of Energy Systems
CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Hydrogen Energy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Energy Policy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	Power Markets
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	smart grid
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	Green Hydrogen
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	Energy Economics
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Power System Operation
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Big Data Analytics for Power Systems
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Cyber Security
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Renewable Integration
CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAYA	Modeling of Vacuum Membrane Distillation

CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAYA	Development of hydrophobic membrane for azeotropic separation using Air Gap Membrane Distillation
CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAYA	Plastic waste valorization using Extrusion molding.
CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAYA	Synthesis and Characterization of PMMA using Batch Emulsion Polymerization
CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Machine learning models for rapid identification of microplastic in water and wastewater
CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Waste Water Treatment by Electro Oxidation Process
CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Novel Materials for Environmental Application
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Wastewater treatment by hybrid methods
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Synthesis of Novel Material for Environmental Application
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Modeling and Simulation
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Wastewater treatment by Electrochemical Methods
CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Conversion of Biomass wastes into value added products
CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Production of novel controlled release fertilizers
CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Anaerobic Membrane Bioreactor for the Treatment of Dye-contaminated Wastewater
CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Nanocomposite Membrane for Industrial Gas Separation Applications
CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Advanced oxidation of Industrial wastewater using engineered catalysts
CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Recovery of valuable metals from copper rich secondary sources
CHEMICAL ENGINEERING	DR. NEETU KUMARI	Development of material for biogas and hydrocarbon fueled SOFC
CHEMICAL ENGINEERING	DR. NEETU KUMARI	Photoelectrocatalytic water splitting
CHEMICAL ENGINEERING	DR. NEETU KUMARI	Synthesis and characterization of ceramic material for different application
CHEMICAL ENGINEERING	DR. NEETU KUMARI	improvement of efficacy of low temperature CO <sub>2</sub> electrolysis in PEM electrolyser
CHEMICAL ENGINEERING	DR. SATYENDRA PRASAD CHAURASIA	Waste Plastic to Hydrogen



CHEMICAL ENGINEERING	DR. SATYENDRA PRASAD CHAURASIA	Anti-tarnishing of gold plated jewellery
CHEMICAL ENGINEERING	DR. SATYENDRA PRASAD CHAURASIA	Water treatment using membrane distillation
CHEMICAL ENGINEERING	DR. SATYENDRA PRASAD CHAURASIA	Bio-diesel production from non edible oil
CHEMICAL ENGINEERING	DR. RAJ KUMAR VYAS	Catalyst development studies
CHEMICAL ENGINEERING	DR. RAJ KUMAR VYAS	Wastewater Treatment studies
CHEMICAL ENGINEERING	DR. RAJ KUMAR VYAS	Advanced Oxidation Process studies
CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Catalysis in the wastewater treatment
CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Catalysis in the biomass to biofuel conversion
CHEMICAL ENGINEERING	DR. POOJA JANGIR	Inertial Migration of Particles in Microchannels
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Sustainable hydrogen production
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	CO2 capture and utilization
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Process modeling and simulation for energy sector
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Process modeling and simulation for carbon capture technologies
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Methane pyrolysis to hydrogen
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Simulation studies for green hydrogen production from different routes
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Analysis and prevention of Microplastics in water
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Life cycle assessment of chemical processes
CHEMICAL ENGINEERING	DR. HRUSHIKESH MADHUSUDAN GADE	Development of high-performing fuel cell components: Experimental and Simulation Approach.
CHEMICAL ENGINEERING	DR. MADHU AGARWAL	Simultaneous removal of fluoride and arsenic from water
CHEMICAL ENGINEERING	DR. MADHU AGARWAL	Catalytic valorization of cellulose into useful chemicals
CHEMICAL ENGINEERING	DR. DIPALOY DATTA	Synthesis and Application of Biochar nano-composites for the Removal of Textile Dyes
CHEMICAL ENGINEERING	DR. DIPALOY DATTA	Utilization of Marble Waste to Produce Value Added Products
CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Biogas production and purification techniques for renewable energy generation
CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Carbon dioxide capture and conversion techniques
CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Pharmaceutical based solvent recovery studies in microchannel

CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Hybrid techniques for the treatment of industrial wastewater
CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Machine learning based controller for reactive divided wall distillation column
CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	wastewater treatment from synthesis membrane
CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Waste CO2 conversion to useful products
CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Industrial waste as catalyst for environmental remediation
CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Biomass conversion to useful products
CHEMICAL ENGINEERING	DR. SUJA GEORGE	Extraction of essential oils towards sustainable feedstock for chemical industry
CHEMICAL ENGINEERING	DR. SUJA GEORGE	Tailored nanomaterials from mining waste for Defluoridation of drinking water
CHEMISTRY	DR. SUMIT KUMAR SONKAR	Zinc Oxide Nanoparticles and their Applications
CIVIL ENGINEERING	DR. HIMANSHU ARORA	Machine Learning applications in Hydrology and Water Resources Engineering
CIVIL ENGINEERING	DR. HIMANSHU ARORA	Assessment of Climatic Extremes employing Softcomputing techniques.
CIVIL ENGINEERING	DR. HIMANSHU ARORA	Drought analysis employing Multivariate methods and indices
CIVIL ENGINEERING	DR. HIMANSHU ARORA	Contaminant Transport Modelling
CIVIL ENGINEERING	DR. ABHISEKH SAHA	Flow behavior through unsaturated soil
CIVIL ENGINEERING	DR. ABHISEKH SAHA	Ecological restoration of polluted soil
CIVIL ENGINEERING	DR. P V RAMANA	Mathematical formulations for recycled concrete structures: A comparative study on Experimental AI technique
CIVIL ENGINEERING	DR. P V RAMANA	Development of recycled concrete using waste material: A comparative study on Experimental AI technique
CIVIL ENGINEERING	DR. P V RAMANA	A mathematical optimization model for recycled reinforced concrete structural elements: A comparative study on Experimental AI technique

CIVIL ENGINEERING	DR. P V RAMANA	Waste material utilization in diverse structural elements: A comparative study on Experimental AI technique
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NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Advanced Methods for Assessing Structural Integrity and Safety of Railway Tunnels: The Experimental & Computational Study
NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Progressions in Structural Analysis and Performance of Railway Prestressed Concrete Sleepers: A Comprehensive Investigation

NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Earthquake Resistance analysis of Dams
NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Towards Robust Earthquake Forecasting and Risk Analysis: Innovations in Mathematical Modeling

<b>FULL TIME WITH OWN SCHOLARSHIP (NET JRF/CSIR JRF/ETC..) AND VISVESVARAYA SCHOLARSHIP (Full Time/Part Time) GOVT. OF INDIA</b>		
<b>Department/Centre</b>	<b>Faculty Name</b>	<b>Tentative Research Area of proposed Ph.D</b>
ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Construction Practices
ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Smart Construction methods
ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Best Practices in construction sites
CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Sustainability with renewable energy progress
CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Degradation of solar PV
CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Building integrated photovoltaics/solar cells for building energy saving
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Battery Thermal Management for EVs
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Data Analytics for Smart Grids
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Digital Twins for Power Systems
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	AI applications to Power Systems
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Demand Response from Electrical Consumers
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Electricity Market Analysis
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Virtual Energy Storage

CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Experimental and computation study of supercapacitors for energy storage material
CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Waste Water Treatment by Electro Oxidation Process
CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Novel Materials for Environmental Application
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Wastewater Treatment
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Modeling and Simulation
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Air pollution control
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Synthesis of Novel Material for Environmental application
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Nano-materials
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Nanocomposite
CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Biological dye degradation kinetics
CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Synthesis of pharmaceutical active intermediates
CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Utilisation of valuable metals from e-waste for conversion of CO <sub>2</sub> rich syn-gas to value added product
CHEMICAL ENGINEERING	DR. NEETU KUMARI	Assessment of provskite structured materials for CO <sub>2</sub> reduction reaction
CHEMICAL ENGINEERING	DR. NEETU KUMARI	Co-electrolysis of CO <sub>2</sub> and water in SOEC
CHEMICAL ENGINEERING	DR. NEETU KUMARI	Development of CFD model for PEM fuel/electrolysis cell
CHEMICAL ENGINEERING	DR. NEETU KUMARI	Development of CFD model for SOFC/SOEC
CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Catalysis in the biomass to biofuel conversion
CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Catalysis in wastewater treatment
CHEMICAL ENGINEERING	DR. POOJA JANGIR	Fabrication of PDMS Microchannels and Viscoelastic Flow in the Channels.
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Waste to wealth from electronic sector
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Waste to wealth from Agricultural sector
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Sustainable hydrogen production and CO <sub>2</sub> capture
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Process modeling and simulation for energy sector
CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	AI & ML model development for energy sectors

CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	LCA studies
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Extraction of bioactive component from biomass waste
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Improving biochar yield by pyrolysis
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Sustainable aviation fuel from used cooking oil
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Pyrolysis oil upgradation studies
CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	photocatalytic oxidation of industrial wastewater
CHEMICAL ENGINEERING	DR. MADHU AGARWAL	Activated carbon production and its application for heavy metal removal
CHEMICAL ENGINEERING	DR. MADHU AGARWAL	Glycerol conversion to useful chemicals
CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Waste CO <sub>2</sub> conversion into valuable chemicals
CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Waste solid conversion to useful products
CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Biomass conversion to useful products
CHEMICAL ENGINEERING	DR. SUJA GEORGE	Extraction of essential oils towards sustainable feedstock for chemical industry
CHEMICAL ENGINEERING	DR. SUJA GEORGE	Tailored nanomaterials from mining waste for Defluoridation of drinking water
CHEMISTRY	DR. RAJ KUMAR JOSHI	Organometallic and catalysis
CHEMISTRY	DR. RAJ KUMAR JOSHI	Organometallics and catalysis
CHEMISTRY	DR. BIMAN BANDYOPADHYAY	Chemistry of complex organic molecules on interstellar ice surface
CHEMISTRY	DR. BIMAN BANDYOPADHYAY	Hydrogen bonds formed by heavy chalcogens, pnictogens and halogens: A combined experimental and theoretical study
CHEMISTRY	DR. SUDHIR KASHYAP	Studying & Understanding the Computational Modelling of Glycosylation Reactions
CHEMISTRY	DR. SUDHIR KASHYAP	Exploring the Sustainable Chiral Carbohydrate Scaffolds of Therapeutic Importance



CHEMISTRY	DR. SUDHIR KASHYAP	Sugar-Heterocyclic Inspired Organic Molecules for Essential Medicinal and Hybrid Materials
CHEMISTRY	DR. SUDHIR KASHYAP	Perspective of Eco-Friendly Organocatalysis in Nobel Chemical Transformations
CHEMISTRY	DR. SUDHIR KASHYAP	Advancing the Reagent-Tuned Thermodynamic/Kinetic Controlled Glycosylation
CHEMISTRY	DR. SUDHIR KASHYAP	Developing the Greener & Innovating Protocols for Important Metal-Free Organic Reactions
CHEMISTRY	DR. SUMANTA KUMAR MEHER	Nanomaterials for biosensing applications
CHEMISTRY	DR. SUMANTA KUMAR MEHER	Nanocatalysts for Energy Storage applications
CHEMISTRY	DR. SUMANTA KUMAR MEHER	Nanomaterials for batteries and supercapacitors
CHEMISTRY	DR. SUMANTA KUMAR MEHER	Layered Materials for fuel cells
CHEMISTRY	DR. SUMANTA KUMAR MEHER	Novel Nanomaterials for water splitting
CHEMISTRY	DR. SUMANTA KUMAR MEHER	Graphene-like materials for energy and environment
CHEMISTRY	DR. BARUN JANA	Triazolyl-pyridine ligands based transition metal complexes for sensing of hazardous anions
CHEMISTRY	DR. BARUN JANA	Complexes of halonium ions supported by triazolyl-pyridine ligands
CHEMISTRY	DR. BARUN JANA	Metal oxide based Nanomaterials/Metal-Organic-Frameworks for the removal of Organic Pollutant from Water
CHEMISTRY	DR. PRADEEP KUMAR	Computational modelling of Heterogeneous and Multiphase Chemistry in the Atmosphere
CHEMISTRY	DR. PRADEEP KUMAR	Theoretical investigation of Chemistry under extreme condition.
CHEMISTRY	DR. ABHINEET VERMA	NIR emitting Nano-materials
CHEMISTRY	DR. ABHINEET VERMA	Molecular Spectroscopy
CHEMISTRY	DR. ABHINEET VERMA	NIR Spectroscopy
CHEMISTRY	DR. ABHINEET VERMA	Molecular Magnetism (MM)

CHEMISTRY	DR. ABHINEET VERMA	High Performance Ionic Liquids
CHEMISTRY	DR. ABHINEET VERMA	Crystallography
CHEMISTRY	DR. RAHUL	Small Analyte Sensing
CHEMISTRY	DR. RAHUL	Drug Delivery
CHEMISTRY	DR. RAHUL	Nano Materials
CHEMISTRY	DR. RAHUL	Gasotransmitter release for therapeutics
CHEMISTRY	DR. RAHUL	NIR Dyes
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Fabrication of Solar Cells using Organometallic Dyes
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	First-Row Transition Metals as Novel Electrolyte Systems in Solar-Cells
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Organic Molecular Systems in Producing Green Hydrogen
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Organometallic Molecular Systems in Producing Green Hydrogen
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Computational Chemistry of Water Splitting and Hydrogen Evolving Reactions
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Nanomaterials for Core-Shell-Electrodes in Oxygen Evolving Reactions
CHEMISTRY	DR. MANVIRI RANI	Transition metal based green nanomaterials as photocatalysts
CHEMISTRY	DR. MANVIRI RANI	Reusable polymeric nanomaterials and their catalytic applications
CHEMISTRY	DR. SUMIT KUMAR SONKAR	Carbon Capture by Graphene Aerogel
CHEMISTRY	DR. SUMIT KUMAR SONKAR	Carbon Nanomaterials for Oil Adsorption Application
CHEMISTRY	DR. SUMIT KUMAR SONKAR	Waste Derived Nanomaterials for Organic Transformation Reactions
CHEMISTRY	DR. RAGINI GUPTA	Green synthesis of nanomaterials for pollutant detection
CHEMISTRY	DR. RAGINI GUPTA	Nanomaterials for sensor applications
CHEMISTRY	DR. RAGINI GUPTA	Conversion of waste material to a value added product
CHEMISTRY	DR. RAGINI GUPTA	Green synthesis of MOFs/COFs and their application in electrochemistry

CIVIL ENGINEERING	DR. HIMANSHU ARORA	Study on Unsaturated zone moisture movement and root water uptake.
CIVIL ENGINEERING	DR. HIMANSHU ARORA	Contaminant Transport Modelling
CIVIL ENGINEERING	DR. UTTAM SINGH	comprehensive study on MAR due geological heterogeneity
CIVIL ENGINEERING	DR. UTTAM SINGH	Groundwater modeling for Arid regions
CIVIL ENGINEERING	DR. SABYASACHI SWAIN	Climate change impacts on water resources
CIVIL ENGINEERING	DR. SABYASACHI SWAIN	Hydroclimatic extremes
CIVIL ENGINEERING	DR. SABYASACHI SWAIN	Time series analysis
CIVIL ENGINEERING	DR. SABYASACHI SWAIN	Hydrologic modeling
CIVIL ENGINEERING	DR. RUCHI SHARMA	Assessment of environmental and health impacts of biofuel-powered vehicles
CIVIL ENGINEERING	DR. RUCHI SHARMA	Application of machine learning to evaluate impact of electrical vehicles on climate change and public health
COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Edge Computing and Machine Learning Fusion for Real-time Intrusion Detection in IoT Devices
COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Machine learning based solutions for next generation networks.
COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Blockchain-based Solutions for Secure Internet of Things (IoT) Networks
COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Smart Traffic Management for Emergency Response and Disaster Management
COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Application of AI/ML in security of smart grid
COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Next generation Vehicular Ad hoc Networks
COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Cyber physical systems security
COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Machine learning and computer security
COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Intrusion detection and prevention
COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Generative AI for text analysis
COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Fake text detection using deep networks
COMPUTER SCIENCE AND ENGINEERING	DR. PILLI EMMANUEL SHUBHAKAR	Forensics Artificial Intelligence (Forensics AI)

COMPUTER SCIENCE AND ENGINEERING	DR. PILLI EMMANUEL SHUBHAKAR	Zero Knowledge Proof System for enhancing Privacy in Blockchain
COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	Natural language Processing
COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	Machine Learning
COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	Image Processing
COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Responsible AI
COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Reinforcement Learning
COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Graph Neural Networks
COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Constraint Satisfaction
COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Latest Generative AI modeling based Image/Video Super-Resolution
COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Deep Learning based Action Quality Assessment for various applications of video understanding.
COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	FinTech: Analysing Financial Transaction Protocols
COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	AI Models: Checking for Privacy Leak attacks
COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Androlyze: Securing OS for IoT
COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Digital Twin to analyze Cyber Physical Attacks
COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Cyber Security
COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Machine Learning
COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	AI-Driven Intrusion Detection with Federated Learning
COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	Game-Theoretic AI and Deep Learning Frameworks for Zero-Day Cyber-attacks
COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	Interpretable AI with Federated Learning for Early Detection and Intervention in Medical Conditions
COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	Intrusion Detection Systems for Unmanned Agricultural Machinery
COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Medical Image Segmentation for Cancer Diagnosis using Deep Learning

COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Human Behavior Understanding using Deep Learning
COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Predictive modelling and data analytics in machine learning
COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Dynamic traffic grooming algorithms in Elastic Optical Networks under unicast and multicast approaches
COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Dynamic traffic grooming algorithms in Elastic Optical Networks under unicast and multicast approaches
COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Predictive modelling and data analytics in machine learning
COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Approximation algorithms for NP problems using optimisation techniques
COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Dynamic traffic grooming algorithms in Elastic Optical Networks under unicast and multicast approaches
COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs
COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Enhancing Generative AI using Graph Neural Networks
COMPUTER SCIENCE AND ENGINEERING	DR. ARKA PROKASH MAZUMDAR	Adaptive Software-defined WSN Protocols
COMPUTER SCIENCE AND ENGINEERING	DR. ARKA PROKASH MAZUMDAR	Blockchain driven IoT
COMPUTER SCIENCE AND ENGINEERING	DR. MUSHTAQ AHMED	Generative and Responsible AI
COMPUTER SCIENCE AND ENGINEERING	DR. MUSHTAQ AHMED	DNN-Based Low-Power VLSI Architecture
COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	Multimodal Information Retrieval using Deep Learning Techniques
COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Hybrid Deep Learning techniques for pattern recognition
COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Integrated Machine Learning and Nature Inspired optimisation algorithms for smart farming
COMPUTER SCIENCE AND ENGINEERING	DR. SATYENDRA SINGH CHOUHAN	Continual Machine learning with Selective Forgetting (Full Time)
COMPUTER SCIENCE AND ENGINEERING	DR. SATYENDRA SINGH CHOUHAN	Applications of Machine Unlearning in Social Network Analysis (Full Time)

COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Explainable AI based solutions for VANET
COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Blockchain based solution for Advanced Networks such as IoT, SDN etc
COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Generative Adversarial Networks for Cyber Security
COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Machine Learning and Cyber Security
ELECTRICAL ENGINEERING	DR. SATISH SHARMA	Power system analysis and optimization
ELECTRICAL ENGINEERING	DR. SATISH SHARMA	Cyber physical security of power systems
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Machine Learning in Medical Robotics
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Deep Learning in Speech Processing
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Autonomous Electric Vehicle
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Machine Learning Based Robust Control
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Robust Sliding Mode Control
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Machine Learning based Adaptive control
ELECTRICAL ENGINEERING	DR. PRERNA JAIN	Solar Irradiance Forecasting
ELECTRICAL ENGINEERING	DR. PRERNA JAIN	Power System Flexibility Markets
ELECTRICAL ENGINEERING	DR. PRERNA JAIN	Power System Operation
ELECTRICAL ENGINEERING	DR. PRERNA JAIN	Electricity Markets
ELECTRICAL ENGINEERING	DR. PRERNA JAIN	Electricity Markets
ELECTRICAL ENGINEERING	DR. PRERNA JAIN	Power System Operation
ELECTRICAL ENGINEERING	DR. DIPTI SAXENA	Resilience in Microgrids
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Data Analytics for Smart Grids
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Digital Twins for Power Systems
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	AI applications to Power Systems
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Demand Response from Electrical Consumers
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Electricity Market Analysis
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Virtual Energy Storage
ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	Cyber Physical Energy System
ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	Smart Grids
ELECTRICAL ENGINEERING	DR. NITIN GUPTA	Converters design for Renewable energy integration in Smart Grid
ELECTRICAL ENGINEERING	DR. NITIN GUPTA	Power Quality Improvement in Distributed Energy Sources
ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	Image processing/DSP
ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	AI & Machine Learning

ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	Electric vehicle
ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	Smart grid
ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	Demand Response
ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	Network Reconfiguration
ELECTRICAL ENGINEERING	DR. KUSUM VERMA	Harnessing Data Mining in Power System Operation (full time)
ELECTRICAL ENGINEERING	DR. KUSUM VERMA	Application of AI & Machine Learning for Effective Grid Management (full time)
ELECTRICAL ENGINEERING	DR. SARAVANA PRAKASH P	AI & Machine Learning Application to Electric Vehicle and Battery Management System
ELECTRICAL ENGINEERING	DR. SARAVANA PRAKASH P	Electric Vehicle (EV) Integration to Grid
ELECTRICAL ENGINEERING	DR. SARAVANA PRAKASH P	Virtual Energy Storage and its Management
ELECTRICAL ENGINEERING	DR. SARAVANA PRAKASH P	Power Quality Improvement in EV and Smart Grid
ELECTRICAL ENGINEERING	DR. NEELI SATYANARAYANA	Investigation of Systems and Design of Control
ELECTRICAL ENGINEERING	DR. NEELI SATYANARAYANA	Control Systems
ELECTRICAL ENGINEERING	DR. NEELI SATYANARAYANA	Investigation of Cyber Physical Systems
ELECTRICAL ENGINEERING	DR. MANOJ FOZDAR	operational issues in Smartgrid
ELECTRICAL ENGINEERING	DR. MANOJ FOZDAR	economics studies in smartgrid
ELECTRICAL ENGINEERING	DR. ANIL SWARNKAR	Smart Grids
ELECTRICAL ENGINEERING	DR. ANIL SWARNKAR	Virtual Energy Storage
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	Error Control Coding in Free Space Optical Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	Visible Light Communication for high data rate applications
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAVI KUMAR MADDILA	5G application for minimising vehicular accidents
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAVI KUMAR MADDILA	VoIP implementation in the intranet

ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAVI KUMAR MADDILA	Private 5G application for campus networks
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	AI based health care applications
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Computer Vision Applications
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Hardware for Artificial General Intelligence
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Emerging devices and applications to sensor/memory/ circuits
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Hardware for Vedic mathematics
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Digital design using Verilog for AI applications
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Solar cells
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	AI and Cognitive Approaches for language translation
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	AI Approaches for EDA/VLSI/IoT-CPS
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	VLSI/Hardware assisted Trust & Security
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. LAVA BHARGAVA	Application of AI TO Internet of Things/Wireless Sensor Network,s/Wireless Sensor Network,
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. LAVA BHARGAVA	Cyber Physical Systems
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	MEMS
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	signal processing
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	Nano devices
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ANKIT	Molecular Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ANKIT	RF/Wireless Communications (full time)



ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Emerging Technologies in Signal processing
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Emerging Technologies in 5G Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Emerging Technologies in Biomedical signal processing
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Emerging Technologies in Filter Design
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Emerging Technologies in Future wireless communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Optimization in Cognitive radio
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Large Scale Integrated Quantum Photonics (FT)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Use of Artificial Intelligence to estimate Integrated Quantum Photonics circuit performance (FT)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Efficient Silicon Photonics for high end applications (PT)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Use of Artificial Intelligence to estimate Integrated Silicon Photonics circuit performance (PT)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SARTHAK SINGHAL	MULTIBAND/WIDEBAND MICROSTRIP ANTENNA
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SARTHAK SINGHAL	MULTIBAND/WIDEBAND METAMATERIAL SURFACES
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Study and design of the nature and structure of human intelligence using the Cognitive Architecture
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Investigation of how humans perceive and attribute mental states to others, including emotions, intentions, and beliefs.
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Design of Microstrip Antenna for 5G/ 6G communication

ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Study the cognitive mechanisms underlying curiosity, its role in learning, and how it drives exploration.
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Analyze decision-making processes, biases, and heuristics that influence our choices.
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Study cognitive factors related to driving behavior, attention, and decision-making on the road.
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RITU SHARMA	MEMS Sensors/BIO MEMS
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RITU SHARMA	Stack microstrip patch antenna for Quad band
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RITU SHARMA	Micro absorbers for Quad bands
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	Wireless Sensor Network
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	AI & Machine Learning
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	Distributed Computing
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	5G Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Microwave Imaging
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Near Field Measurements
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Analog and Digital VLSI Design (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Microelectronic Devices & Circuits (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	RF Integrated Circuits (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Millimeter Wave Radar Sensing Circuits (Full Time)

ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Mixed Signal Integrated Circuits (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	AI/ML in healthcare (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	Biomedical Circuit/Systems (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	Embedded System (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	Security of Cyber Physical System (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	Biomedical applications (Part Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	Security for IoT/CPS (Part Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	Analog Integrated Circuits(Full time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	MEMS based sensors (Full time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	Analog Integrated Circuits (Part time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	MEMS based sensors (Part time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	(RF/Wireless Communications) Circularly Polarized MIMO Dielectric Resonator Antenna (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	(RF/Wireless Communications) Multiband and Wideband Dielectric Resonator Antenna (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. R. P. YADAV	5G Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. R. P. YADAV	RF/ Wireless Communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. R. P. YADAV	MIMO Antennas
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. R. P. YADAV	Multiuser Detection

ELECTRONICS AND COMMUNICATION ENGINEERING	DR. R. P. YADAV	Energy Harvesting in wireless communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. R. P. YADAV	Optical Switching
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Political Institutions
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Constitution Politics of Secessionism in Different parts of India.
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Judiciary
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	International Relations and Politics
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Public Policy
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Governance and Administration
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	International Economics: Global economic integration, International Trade policies, and Supply chain disruptions
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	Behavioural and Experimental Economics: Happiness and Well-being Economics
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	Health Economics
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	Urban and Regional Economics
HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Digital Humanities
HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Literature of the marginalised
HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	The Intersections of Identity, Gender and Culture in Literature
HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	Indian Writing in English
HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	CALL and MALL in English Language Teaching
HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	Language and Culture
HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Theme and Technique in Contemporary Fiction
HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	South Asian Literature and Films
HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Cultural Contexts in Literature
HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Gender and Culture

HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Social development, gender and public policy
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Sociology: Aging society and social change
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Digital Sociology: Inequalities and marginalisation, social and cultural change
HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Sociology of Indian Knowledge system and culture
MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Management of waste collection and its disposal
MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Supply chain digital twin
MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Circular City- Managing environmental Impact on City Development
MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Supply Chain Thinking Under Environmental Turbulence
MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Circular Supply chain : A circular economy perspective
MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Transition from E-commerce to Q-commerce
MANAGEMENT STUDIES	DR. DIVESH KUMAR	Digital marketing for sustainable products
MANAGEMENT STUDIES	DR. MONICA SHARMA	Sustainable Supply Chain Management
MANAGEMENT STUDIES	DR. MONICA SHARMA	Women Entrepreneurship
MANAGEMENT STUDIES	DR. RITIKA MAHAJAN	Strategic Management
MANAGEMENT STUDIES	DR. RITIKA MAHAJAN	Business Sustainability
MANAGEMENT STUDIES	DR. SHWETA SHARMA	Corporate Finance
MANAGEMENT STUDIES	DR. SHWETA SHARMA	Sustainable Finance
MANAGEMENT STUDIES	DR. SHWETA SHARMA	Consumer Economics
MANAGEMENT STUDIES	DR. SHWETA SHARMA	Risk Management in Financial Institution's
MANAGEMENT STUDIES	DR. REETA SINGH	Organizational Development and Management
MANAGEMENT STUDIES	DR. REETA SINGH	Employee Engagement
MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	HR Analytics and Adoption Behavior
MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Sustainability and Organization Behavior
MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Individual Mindfulness and workplace productivity
MANAGEMENT STUDIES	DR. SHRIDEV	Corporate Finance
MANAGEMENT STUDIES	DR. SHRIDEV	Behavioral Finance
MANAGEMENT STUDIES	DR. SHRIDEV	Financial distress
MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Impact of Industry 4.0 Enablers on Retailing
MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Marketing and Promotion of Sustainable Fashion

MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Consumer Preferences and firm Technology Choice
MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	The Role of Marketing in Digital business Platforms
MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Impact of Digital Transforms on retailing Value Chain
MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Location based Mobile Advertsing
MANAGEMENT STUDIES	DR. DEEPAK VERMA	Online/Digital Marketing
MANAGEMENT STUDIES	DR. DEEPAK VERMA	Behavior in Digital/Online Environments
MANAGEMENT STUDIES	DR. Sandipan Karmakar	AI/ML in Business Applications
MANAGEMENT STUDIES	DR. Sandipan Karmakar	Supply Chain and Optimization
MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Nanoscale materials for optical sensing of metal ions and biomolecules
MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Development of nanomaterials for waste water remediation.
MATERIAL RESEARCH CENTER	DR. NISHA VERMA	2D Material synthesis through microwave sintering furnace
MATERIAL RESEARCH CENTER	DR. NISHA VERMA	Mechanical Characterization of Ceramic Composites for cutting tool applications
MATERIAL RESEARCH CENTER	DR. KANUPRIYA SACHDEV	Metal ion battery research & development
MATERIAL RESEARCH CENTER	DR. KANUPRIYA SACHDEV	Development of energy storage electrode materials
MATHEMATICS	DR. SANJAY BHATTER	Application of fractional calculus and special functions in Mathematical modeling
MATHEMATICS	DR. SANJAY BHATTER	Study of Generalized Special function and its applications
MATHEMATICS	DR. PRIYANKA HARJULE	Optimisation Techniques
MATHEMATICS	DR. VARUN JINDAL	Hyperspace topologies and their applications
MATHEMATICS	DR. VARUN JINDAL	Topologies on spaces of continuous functions
MATHEMATICS	DR. VARUN JINDAL	Set-valued mappings on metric spaces
MATHEMATICS	DR. VARUN JINDAL	Function Spaces
MATHEMATICS	DR. ANUBHA JINDAL	Generalized Metric Spaces and their applications
MATHEMATICS	DR. ANUBHA JINDAL	Asymmetric Normed Linear Spaces and their applications
MATHEMATICS	DR. ANUBHA JINDAL	Topologies on closed and closed convex sets
MATHEMATICS	DR. ANUBHA JINDAL	Topological Graph Theory

MATHEMATICS	DR. RITU AGARWAL	Computational method and numerical simulation of compartmental models
MATHEMATICS	DR. RITU AGARWAL	Mathematical modeling and analysis
MATHEMATICS	DR. RITU AGARWAL	Computational analysis of mathematical models
MATHEMATICS	DR. RITU AGARWAL	Mathematical modeling and fractional calculus
MATHEMATICS	DR. KUSHAL SHARMA	Partial Differential Equations in Mathematical Modeling
MATHEMATICS	DR. KUSHAL SHARMA	Partial Differential Equations: Methods and Applications in Mathematical Modeling
MATHEMATICS	DR. SANTOSH CHAUDHARY	Numerical Investigations of Ordinary Differential Equations
MATHEMATICS	DR. SANTOSH CHAUDHARY	Computational Scheme for Partial Differential Equations
MATHEMATICS	DR. SANTOSH CHAUDHARY	Magnetohydrodynamic Boundary Layer Flow
MATHEMATICS	DR. SANTOSH CHAUDHARY	Biological fluid Dynamics
MATHEMATICS	DR. OM P. SUTHAR	Mathematical analysis of dynamical systems
MATHEMATICS	DR. OM P. SUTHAR	Computational analysis of fluid flows using PDEs
MECHANICAL ENGINEERING	DR. NARESH KUMAR RAGHUWANSHI	Vibration and AI/ML based machinery fault diagnosis
MECHANICAL ENGINEERING	DR. NARESH KUMAR RAGHUWANSHI	Active Noise and Vibration Control
MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Semi-permeable crack analysis in piezoelectric materials
MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	AI enabled Health care Waste management
MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Supply chain 4.0 for Sustainability perspective
MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Development of multifunctional polymer composites
MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Structural health monitoring of laminated composites
METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	Q&P Steel: Microstructure and Mechanical properties
METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Coatings for corrosion prevention
METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Development of polymer matrix composites using metallurgical waste

METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Thermodynamics study of aerospace grade materials
METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Heat treatment of aerospace grade materials
METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Deformation Behavior of Materials
METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Physical Metallurgy
METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Crystallographic Texture
METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Mechanical Alloying
METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	High Entropy Oxides/Energy Stabilized Oxides for Functional and high temperature applications.
METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Waste to wealth: extracting precious metals from the battery waste/e-waste.
PHYSICS	DR. AKHILESH NAUTIYAL	Models of particle physics in the light of cosmic microwave background and large structure observations.
PHYSICS	DR. AKHILESH NAUTIYAL	Neutrino masses from cosmology
PHYSICS	DR. KAMLENDRA AWASTHI	Metal-Organic Framework-Based Membranes for Gas Separation
PHYSICS	DR. KAMLENDRA AWASTHI	Nanocatalysts for hydrogen generation
PHYSICS	DR. K VENKATARATNAM KAMMA	Building connection between particle physics and cosmology
PHYSICS	DR. K VENKATARATNAM KAMMA	Investigating properties and Nature of Dark matter
PHYSICS	DR. SRINIVASA RAO NELAMARRI	Ion beam modification of semiconductor nanocrystals for various applications
PHYSICS	DR. SRINIVASA RAO NELAMARRI	Synthesis and characterization of high quality stoichiometric thin films
PHYSICS	DR. DEBASISH SARKAR	Development of Efficient Electrocatalysts for Hydrogen Generation
PHYSICS	DR. DEBASISH SARKAR	Porous Carbon Electrodes for High-voltage Supercapacitors
PHYSICS	DR. DEBASISH SARKAR	2D Carbon Materials for Flexible Energy Storage Systems



PHYSICS	DR. DEBASISH SARKAR	Nanostructured Materials for Sodium Ion Storage
PHYSICS	DR. KAVITA LALWANI	Physics of Rare Decays (Experimental High Energy Physics)
PHYSICS	DR. KAVITA LALWANI	CP Violation (Experimental High Energy Physics)
PHYSICS	DR. KANUPRIYA SACHDEV	Metal ion battery research & development
PHYSICS	DR. KANUPRIYA SACHDEV	Development of energy storage electrode materials
PHYSICS	DR. RAJNISH DHIMAN	Membrane electrode assembly in PEM fuel cells
PHYSICS	DR. RAJNISH DHIMAN	Novel electrode/electrolyte materials for aqueous Zin ion batteries

**FOR PART TIME PH.D.(ONLY FOR RESEARCH PERSONNEL PRESENTLY SERVING IN VARIOUS PROJECTS IN MNIT JAIPUR)**

<b>Department/Centres</b>	<b>Faculty member Name</b>	<b>Tentative Research Area of proposed Ph.D.</b>
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Political Institutions
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Constitution Politics of Secessionism in Different parts of India.
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Judiciary
HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	International Relations and Politics
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Machine Learning in Medical Robotics
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Deep Learning in Speech Processing
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Autonomous Electric Vehicle
ELECTRICAL ENGINEERING	DR. SURENDER HANS	Machine Learning Based Robust Control
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Modeling and Simulation
CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Wastewater Treatment

HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Women in the workforce: Trends and Challenges
HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Impact of social reading platforms on English language learning
METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Development of High Temperature Coatings
METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Development of 3rd Gen grain refiners
CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Biological dye degradation kinetics
MECHANICAL ENGINEERING	DR. ANUP MALIK	Manufacturing of Nature Inspired Micro Heat Dissipation Devices
CHEMISTRY	DR. MEENA NEMIWAL	Development of advanced functionalized materials for heterogeneous catalysis and water treatment
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Security analysis of smart systems
HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	Language and Culture
HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	CALL and MALL in English Language Teaching
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Preparation of Ruthenium Based Molecular Dyads for Sunlight-driven Green Hydrogen Production
CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Tandem Hydrogen Cells with Photo-Active Molecular Catalysts for Sunlight-driven Green Hydrogen Production
CHEMISTRY	DR. MANVIRI RANI	Degradation of plastic additives by nanomaterials
CHEMISTRY	DR. MANVIRI RANI	Assessment of plastics for environmental concerns
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	Blockchain in Energy
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	Home Energy Management System
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	Electric Vehicles
CENTRE FOR ENERGY AND ENVIRONMENT	DR. PARUL MATHURIA	Smart Grid
CIVIL ENGINEERING	DR. MAHESH KUMAR JAT	River Rejuvenation
CIVIL ENGINEERING	DR. MAHESH KUMAR JAT	Watershed Health Monitoring and Management
CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Recovery of valuable metals from discarded lithium ion batteries
CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Catalysis in waste to fuels and chemicals
CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Catalysis in waste water treatment
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Emerging devices and applications to sensor/memory/ circuits

CHEMICAL ENGINEERING	DR. POOJA JANGIR	Inertial Migration of Particles in Microchannels
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Hydrothermal carbonisation of sewage sludge
CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Hydrothermal carbonisation of biomass
COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Development of Intelligent Multi-Label Ophthalmic Disease Diagnostic Model using Fundus Images
COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Deep Learning for Biomedical Image Analysis
HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Major Themes in Contemporary English Fiction
HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Trends in Contemporary Literature and Theory
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Electric Vehicles
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Block chain applications to Power Systems
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Peer to Peer Trading
ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Home Energy Management System
CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Distillation in microchannels
CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Development of microchannel stack for process industries
ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	Image Processing/DSP
ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	AI & Machine Learning
ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	Artificial intelligence
ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	VLSI Design
ELECTRICAL ENGINEERING	DR. SARAVANA PRAKASH P	Electric Vehicle (EV) Integration to Grid
ELECTRICAL ENGINEERING	DR. SARAVANA PRAKASH P	Power Quality Improvement in AC-DC Converters
COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	Demand response Management using Smart Grid
COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	Development of Chatbot using NLP and GenAI
COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Integrated Machine Learning and Nature Inspired optimisation algorithms for smart farming
COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Hybrid Deep Learning techniques for pattern recognition
COMPUTER SCIENCE AND ENGINEERING	DR. SATYENDRA SINGH CHOUHAN	Security Analysis of smart systems using Deep learning
COMPUTER SCIENCE AND ENGINEERING	DR. SATYENDRA SINGH CHOUHAN	Network traffic based analysis of smart systems

ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Design of Frequency Selective surfaces/ Absorbers, Resorbers for wireless communication
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Design of planar antenna for NAVIC and IRNSS
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Study cognitive factors related to driving behavior, attention, and decision-making on the road.
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Millimeter Wave Radar Sensing Circuits (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Microelectronic Devices & Circuits (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Analog and Digital VLSI Design (Full Time)
ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation (Full Time)
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Electric Vehicles
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Block chain applications to Power Systems
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Peer to Peer Trading
CENTRE FOR ENERGY AND ENVIRONMENT	DR. ROHIT BHAKAR	Home Energy Management System

## 12. MINIMUM QUALIFICATION(S) FOR ADMISSION TO M.TECH./M.PLAN. SPONSORED (FULL TIME/PART TIME)

Table 3

S. No.	Academic Department	Post Graduate Programme	Minimum Educational Qualification
1.	Chemical Engineering	Chemical Engineering	<p>B.E./B.Tech. in Chemical Engg., Chemical &amp; Polymer Engg., Chemical Technology, Biochemical Engg., Biotech Engg., Biotechnology, Environmental Engineering, Leather Technology, Material Science &amp; Engg./Technology, Petro-Chemical Engg./Technology, Nanotechnology, Polymer Science &amp; Rubber Technology, Polymer Science &amp; Technology, Polymer Technology, Bioengineering, Biotechnology &amp; Biochemical Engg., Dairy Technology, Environment &amp; Pollution Control, Food Engg./Technology, Industrial Biotechnology, Oil &amp; Paint Technology, Oil Technology, Oils, Oleochemicals &amp; Surfactants Technology, Paint Technology, Petroleum Engg./Technology, Plastic &amp; Polymer Engg., Plastic Engg./Technology, Pulp &amp; Paper Engg., Pulp Technology, Rubber Technology, Surface Coating Technology.</p> <p>BE./B.Tech Degree in any Discipline, Agriculture Engineering, Biomedical Engineering, Environmental Science &amp; Engineering, Production and Industrial Engineering, Engineering Sciences, Mining Engineering, Metallurgical Engineering, M.Sc. in Chemistry, M.Sc. in Physics, M.Sc. in Mathematics</p>

2.	Civil Engineering	Water Resource Engineering	B.E./B.Tech. in Agriculture Engg., Civil Engg., Irrigation Engg., Water Management, Civil Engg. & Planning, Civil Technology.
3.	Civil Engineering	Environmental Engineering	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, Environmental & Pollution Control, Environmental Science & Engg./Technology.
4.	Civil Engineering	Transportation Engineering	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 Engineering	Structural Engineering	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 Engineering	Civil Engineering (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.	Electrical Engineering	Power Systems	B.E./B.Tech. in Electrical Engg.
8.	Electrical Engineering	Power Systems Management	B.E./B.Tech. in Electrical Engg.
9.	Electronics & Communication Engg.	Electronics and Communication Engg.	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.
10.	Electronics & Communication Engineering	VLSI Design	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.
11.	Mechanical Engineering	Industrial Engineering	B.E./B.Tech. in Mechanical Engg., Industrial Engg., Industrial Engg. & Management, Industrial & Production Engg., Production & Industrial Engg., Production Engg., Production Engg. & Management.

12.	<b>Metallurgical and Materials Engineering</b>	<b>Metallurgical and Materials Engineering</b>	B.E./B.Tech (All Engineering Branches), M.Sc. in Applied Physics, M.Sc. in Materials Science, M.Sc. in Physics, M.Sc. in Engineering Physics and Instrumentation, M.Sc. in Nano Science and Technology, M.Sc. in Materials Science Solid State Physics.
13.	<b>Metallurgical &amp; Materials Engg.</b>	<b>Steel Technology</b>	Material Science & Engineering, Material Science & Metallurgical Engineering, Material Science & Technology, Materials & Metallurgical Engineering, Metallurgical & Materials Engineering, Metallurgical & Materials Technology, Metallurgical Engineering & Material Science, Metallurgy, Mechanical Engineering, Forging and Foundry, Manufacturing Engineering, Materials & Metallurgical Engineering, Metallurgical & Materials Engineering, Metallurgical & Materials Technology, Metallurgical Engineering, Metallurgical Engineering & Material Science, Metallurgy, Production Engineering
14.	<b>Computer Science and Engineering</b>	<b>Computer Science and Engineering</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 and Planning</b>	<b>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>Material Research Centre</b>	<b>Material Science and Engineering</b>	M.Sc. in Physics/ Chemistry/ Applied Science/ Electronics/ Materials Science/Nanotechnology. OR B.Tech. in Applied Electronics and Instrumentation Engineering/ Ceramic Engineering/ Chemical Engineering/ Electrical and Electronics Engineering/ Electrical and Instrumentation Engineering/ Electrical Engineering/ Electronics and Communication Engineering/ Electronics and Instrumentation Engineering/ Electronics Engineering/ Engineering Physics/ Instrumentation and Control Engineering/ Instrumentation Engineering/ Manufacturing Engineering/ Materials Science and

			Engineering/ Mechanical Engineering/ Metallurgical and Materials Engineering/ Nanotechnology/ Polymer Science and Technology/ Production Engineering/ Ceramic Technology/ Chemical Technology/ Electronics and Electrical Engineering/ Instrument Technology/ Materials Science and Metallurgical Engineering/ Materials and Metallurgical Engineering/ Polymer Engineering and Technology
17.	Centre for Energy & Environment	Renewable Energy	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, any other relevant specialization in B.E./B.Tech./M.Sc.
18.	National Centre for Disaster Mitigation and Management	Earthquake Engineering	B.E./B.Tech. in Civil Engineering, Structural Engineering, Civil Engineering and Planning, Civil Technology.

### 13. 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	8 Semesters
M.Sc.	Full Time: 4 Semesters	6 Semesters

Table 5. Seat Matrix for M.Tech./M.Plan Programme (Session 2024-25)

S.No.	Programme	Full Time Sponsored	Part Time Sponsored
1.	Computer Science and Engineering	5	6
2.	Environmental Engineering	5	6
3.	Structural Engineering	5	6
4.	Transportation Engineering	5	6
5.	Water Resources Engineering	5	6
6.	Electronics & Communication Engineering	5	6

7.	Industrial Engineering	5	6
8.	Power Systems	5	6
9.	Power Systems Management	5	6
10.	Urban Planning	5	6
11.	VLSI Design	5	6
12.	Renewable Energy	5	6

**Table 6. Basis for Selection to Postgraduate Programmes leading to M. Tech./M. Plan. Degree for Full Time/Sponsored (Full-time and Part-time) candidates**

Category	Basis for Selection
M. Tech./M. Plan (Full Time sponsored/Part Time)	Experience, merit of qualifying examination & interview/Test

#### 14. GENERAL INFORMATION

- (a) Admission will be to the first semester of the respective postgraduate programme.
- (b) Admission to various PG programmes leading to M.Tech./M. Plan. 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/EWS certificate should have been issued after March 31, 2024.**



- (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 candidate should be ready with all original documents and PG dissertation thesis at the time of interview for Ph.D. admission.**

## 15. FEES

Updated Fees structure will be available on Institute website [https://mnit.ac.in/academics/fee\\_structure](https://mnit.ac.in/academics/fee_structure)

## 16. 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.

## 17. 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.

## 18. 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 fee of Rs. 1000/- for General/OBC/EWS category and Rs. 500/- for SC/ST category candidates is to be deposited online only while submitting the application.**
- c. The candidate must keep a photocopy of the form for future reference.
- d. **Scrutiny of application shall be done solely on the basis of information submitted by you in the application form, hence fill it very carefully. If at any stage of admission process a candidate is found not to meet the eligibility criteria, have hidden/submitted incorrect information, the candidature of the candidate will be summarily cancelled.**
- e. Request for change of category received after the last date will not be accepted under any circumstances.
- f. **Self attested photo stat copies of the certificates/testimonials and all originals documents, PG dissertation/thesis copy should be brought along with the Application Form while coming for admission process. Two recent passport size photographs should be brought. Application Form either incompletely filled or without attested copies of the certificates/testimonials is liable to be rejected.**
- g. Original Documents/ Self attested photocopies of the following certificates have to be brought along with the Application Form at the time **of interview** :-

- i. High School/Secondary School certificate in support of age/date of birth. No other 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 all candidates).
  - 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. **Candidate needs to submit a statement about research proposal (in not more than 500 words) for the topic chosen as first priority. It MUST be attached with application. This will have due weightage during process of screening/selection process..**
- h. 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.

#### 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

**ANNEXURE IV**

**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.

ANNEXURE V

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 4 semesters for Part-Time M.Tech. programme/ 5 semesters for part-time Ph.D. programme, while total duration is expected to be 3 years for part time M.Tech./ 6 years for part-time Ph.D.

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

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

ANNEXURE VI

NO OBJECTION CERTIFICATE

(Required from Candidates Seeking Admission on OFF CAMPUS 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 (must be more than two year) ..... 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 to stay on the campus to enable the candidate to complete the "Course work", "Comprehensive Examination" and "State of Art Seminar" and at the end of every semester for the semester evaluation. The organization has the research and library facilities available and the same would be available to him/her for carrying out research.

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

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

**Annexure VII**

**FORMAT FOR OBC [NCL] CERTIFICATE**

**TO BE PRODUCED BY OTHER BACKWARD CLASSES AS PER CENTRAL GOVT. FORMAT ONLY**

**[This certificate MUST have been issued on or after 1<sup>st</sup> April 2024]**

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

\_\_\_\_\_ of Village/Town \_\_\_\_\_

District/Division \_\_\_\_\_ in the \_\_\_\_\_ State/UT 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. 12016/9/2000-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.
- (xvi) Resolution No. 12015/2/2007-BCC, dated 18/08/2010.
- (xvii) Resolution No. 12015/2/2007-BCC, dated 11/10/2010.
- (xviii) Resolution No. 12015/13/2010-BC-II, dated 08/12/2011.
- (xix) Resolution No. 12015/05/2011-BC-II, dated 17/02/2014.
- (xx) Resolution No. 12011/6/2014-BC-II, dated 07/12/2016.

Shri/Smt./Kum. \_\_\_\_\_ and/or his family ordinarily reside(s) in the \_\_\_\_\_ District/Division of \_\_\_\_\_ State/UT. 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. 36 012/22/93-Estt.(SCT), dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt.(Res.), dated 09/03/2004.

Place \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_

Designation^ \_\_\_\_\_

(with seal of office)

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 / First Class Stipendiary Magistrate / Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of 1<sup>st</sup> Class Stipendiary Magistrate).
  - (ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
  - (iii) Revenue Officer not below the rank of Tehsildar.
  - (iv) Sub-Divisional Officer of the area where the candidate and / or his family resides.
- (C) OBC Certificate issued from Maharashtra State must be validated by the Social Welfare Department of Maharashtra Government.

**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 recognized 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. I also declare that the condition of status/annual income for creamy layer of my parents/guardian is within prescribed limits as on financial year ending on March 31, 2024.

**Place: Signature of the Candidate**

**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.**



**SC Certificate issued from Maharashtra State must be validated by Social Welfare Department and ST Caste certificate must be validated by Tribal Development Department of Maharashtra Government.**

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

1. District Magistrate/Additional District Magistrate/Collector/Deputy Commissioner /Additional Deputy Commissioner/Dy. Collector/ <sup>1st</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 Tahsildar.
4. Sub-Divisional Officers of the area where the candidate and/or his family normally resides.



**PWD CERTIFICATE FORMAT****DISABILITY CERTIFICATE FORMAT - I****{In cases of amputation or complete permanent paralysis of limbs and in cases of blindness}****(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)**

No. - \_\_\_\_\_

Date - \_\_\_\_/\_\_\_\_/\_\_\_\_

Signature/LTI/RTI of the Candidate

--

Passport size photograph of the Candidate
----------------------------------------------------

This is to certify that I have carefully examined Shri/Smt./Kum. \_\_\_\_\_,

son/wife/daughter of Shri \_\_\_\_\_ Date of Birth \_\_\_\_ / \_\_\_\_ / \_\_\_\_

[Age - \_\_\_\_\_ years], male/female, Registration No. \_\_\_\_\_ permanent resident of

House No.- \_\_\_\_\_, Ward/Village/Street \_\_\_\_\_ Post Office

\_\_\_\_\_ District \_\_\_\_\_ State \_\_\_\_\_, whose

photograph is affixed above, and am satisfied that

1. he/she is a case of (Please tick as applicable):
  - a. locomotor disability
  - b. blindness
2. the diagnosis in his/her case is \_\_\_\_\_.
3. He / She has \_\_\_\_\_ % (in figure) \_\_\_\_\_ percent (in words) permanent physical impairment/blindness in relation to his/her \_\_\_\_\_ (part of body) as per guidelines (to be specified).
4. The applicant has submitted the following document as proof of residence:-

Nature of Document	Date of Issue	Details of authority issuing the certificate

Official Seal:

[Authorised Signatory of notified Medical Authority]

Name: \_\_\_\_\_

**DISABILITY CERTIFICATE FORMAT - II**

**{In cases of multiple disabilities}**

**(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)**

No. - \_\_\_\_\_

Date - \_\_\_\_/\_\_\_\_/\_\_\_\_

Signature/LTI/RTI of the Candidate

Passport size  
 photograph  
 of the  
 Candidate

This is to certify that I have carefully examined Shri/Smt./Kum. \_\_\_\_\_,

son/wife/daughter of Shri \_\_\_\_\_ Date of Birth \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_

[Age - \_\_\_\_\_ years], male/female, Registration No. \_\_\_\_\_ permanent resident of

House No.- \_\_\_\_\_, Ward/Village/Street \_\_\_\_\_ Post Office

\_\_\_\_\_ District \_\_\_\_\_ State \_\_\_\_\_, whose

photograph is affixed above, and am satisfied that

1. He/she is a Case of **Multiple Disability**. His/her extent of permanent physical impairment/ disability has been evaluated as per guidelines (to be specified) for the disabilities ticked below, and shown against the relevant disability in the table below:

S. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1	Locomotor disability	@		
2	Low vision	#		
3	Blindness	Both Eyes		
4	Hearing impairment	£		
5	Mental retardation	X		
6	Mental-illness	X		

Contd.

2. In the light of the above, his/her overall permanent physical impairment as per guidelines (to be specified), is as follows:

In figures: \_\_\_\_\_ %

In words: \_\_\_\_\_ percent

3. The above condition is progressive/ non-progressive/ likely to improve/ not likely to improve.

4. Reassessment of disability is:

(i) Not Necessary [or]

(ii) is recommended/after \_\_\_\_\_ years \_\_\_\_\_ months, and therefore this certificate shall be valid till (DD/MM/YY) \_\_\_\_\_.

@ - e.g. Left/Right/both arms/legs

# - e.g. Single eye/both eyes

£ - e.g. Left/Right/both ears

5. The applicant has submitted the following document as proof of residence:

Nature of Document	Date of Issue	Details of authority issuing the certificate

6. Signature and seal of the Medical Authority:

<b>Name and Seal of Member</b>	<b>Name of Seal of Member</b>	<b>Name and Seal of the Chairperson</b>

**DISABILITY CERTIFICATE FORMAT - III**

**{In cases of any other case not covered in Format - I & II}**

**(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)**

No. - \_\_\_\_\_

Date - \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Signature/LTI/RTI of the Candidate

Passport size  
 photograph  
 of the  
 Candidate

This is to certify that I have carefully examined Shri/Smt./Kum. \_\_\_\_\_,

son/wife/daughter of Shri \_\_\_\_\_ Date of Birth \_\_\_\_ / \_\_\_\_ / \_\_\_\_

[Age - \_\_\_\_ years], male/female, Registration No. \_\_\_\_\_ permanent resident of

House No.- \_\_\_\_\_, Ward/Village/Street \_\_\_\_\_ Post Office

\_\_\_\_\_ District \_\_\_\_\_ State \_\_\_\_\_, whose

photograph is affixed above, and am satisfied that

1. He/she is a Case of **Multiple Disability**. His/her extent of permanent physical impairment/ disability has been evaluated as per guidelines (to be specified) for the disabilities ticked below, and shown against the relevant disability in the table below:

S. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1	Locomotor disability	@		
2	Low vision	#		
3	Blindness	Both Eyes		
4	Hearing impairment	£		
5	Mental retardation	X		
6	Mental-illness	X		

Contd.

2. In the light of the above, his/her overall permanent physical impairment as per guidelines (to be specified), is as follows:

In figures: \_\_\_\_\_%

In words: \_\_\_\_\_percent

3. The above condition is progressive/ non-progressive/ likely to improve/ not likely to improve.

4. Reassessment of disability is:

(i) Not Necessary [or]

(ii) is recommended/after \_\_\_\_\_ years \_\_\_\_\_ months, and therefore this certificate shall be valid till (DD/MM/YY) \_\_\_\_\_.

@ - e.g. Left/Right/both arms/legs

# - e.g. Single eye/both eyes

£ - e.g. Left/Right/both ears

5. The applicant has submitted the following document as proof of residence:

Nature of Document	Date of Issue	Details of authority issuing the certificate

Official Seal:

[Authorised Signatory of notified Medical Authority\*]

Name: \_\_\_\_\_

\* In case this certificate is issued by a medical authority who is not a government servant, it shall be valid only if countersigned by the Chief Medical Officer of the District. Note: The principal rules were published in the Gazette of India vide notification number S.O. 908(E), dated the 31st December, 1996.

Countersigned^

Official Seal:

[CMO/Medical Superintendent/Head of Govt. Hospital]

Name: \_\_\_\_\_

^ Countersignature and seal of the CMO/Medical Superintendent/Head of Government Hospital is essential in case the certificate is issued by a medical authority who is not a government servant.

**DECLARATION FORM**

Id. No.	
Programme:	<b>Ph.D.</b>
Department	
Name	
Son/Daughter/Wife of	

I declare that:

1. I shall not receive any salary, scholarship, stipend or any other financial benefit from any other source except the institute assistantship during the period of my study at MNIT. (except top up grants from Institute Project/Industry and income from participating in consultancy projects of faculty of the Institute)
2. I shall not accept and join any job without obtaining prior permission of the institute.
3. I understand that I shall not be permitted to leave the programme midway and shall complete my programme successfully. Failing which I shall pay back entire assistantship received from the institute by me.
4. I also understand that in case I withdraw from the enrolled programme, the caution money shall not be refunded to me.

Signature of the student  
Email Address  
Mobile No.

Dated:

**INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS**

Government of .....

(Name &amp; Address of the authority issuing the certificate)

**[This certificate MUST have been issued on or after 1<sup>st</sup> April 2023**

Certificate No. \_\_\_\_\_

Date: \_\_\_\_\_

VALID FOR THE YEAR \_\_\_\_\_

**1. This is to certify that Shri/Smt./Kumari \_\_\_\_\_, son/daughter/wife of \_\_\_\_\_ permanent resident of \_\_\_\_\_, Village/Street \_\_\_\_\_ Post Office \_\_\_\_\_ District in the State/Union Territory \_\_\_\_\_ Pin Code \_\_\_\_\_ whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income\* of his/her family\*\* is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year \_\_\_\_\_. His/her family does not own or possess any of the following assets\*\*\*:**

- I. 5 acres of agricultural land and above;
- II. Residential flat of 1000 sq. ft. and above;
- III. Residential plot of 100 sq. yards and above in notified municipalities;
- IV. Residential plot of 200 sq. yards and above in. areas other than the notified municipalities.

**2. Shri/Smt./Kumari \_\_\_\_\_ belongs to the \_\_\_\_\_ caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List).s**

Signature with seal of Office \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Recent Passport size  
attested photograph  
of the applicant

**The income and assets of the families as mentioned would be required to be certified by an officer not below the rank of Tehsildar in the States/UTs.**

Note:

- \* Income covered all sources i.e. salary, agriculture, business, profession, etc.
- \*\* The term 'Family' for this purpose includes the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.
- \*\*\* The property held by a 'Family' in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

**Contact Details of DPGC Convener of the Department/Centre**

<b>S. No.</b>	<b>Department/Centre</b>	<b>Email</b>
1	ARCHITECTURE AND PLANNING	<a href="mailto:dpgc.arch@mnit.ac.in">dpgc.arch@mnit.ac.in</a>
2	CENTRE FOR ENERGY AND ENVIRONMENT	<a href="mailto:dpgc.cee@mnit.ac.in">dpgc.cee@mnit.ac.in</a>
3	CHEMICAL ENGINEERING	<a href="mailto:dpgc.chem@mnit.ac.in">dpgc.chem@mnit.ac.in</a>
4	CHEMISTRY	<a href="mailto:dpgc.chy@mnit.ac.in">dpgc.chy@mnit.ac.in</a>
5	CIVIL ENGINEERING	<a href="mailto:dpgc.ce@mnit.ac.in">dpgc.ce@mnit.ac.in</a>
6	COMPUTER SCIENCE AND ENGINEERING	<a href="mailto:dpgc.cse@mnit.ac.in">dpgc.cse@mnit.ac.in</a>
7	ELECTRICAL ENGINEERING	<a href="mailto:dpgc.ee@mnit.ac.in">dpgc.ee@mnit.ac.in</a>
8	ELECTRONICS AND COMMUNICATION ENGINEERING	<a href="mailto:dpgc.ece@mnit.ac.in">dpgc.ece@mnit.ac.in</a>
9	HUMANITIES AND SOCIAL SCIENCE	<a href="mailto:dpgc.hum@mnit.ac.in">dpgc.hum@mnit.ac.in</a>
10	MANAGEMENT STUDIES	<a href="mailto:dpgc.dms@mnit.ac.in">dpgc.dms@mnit.ac.in</a>
11	MATERIAL RESEARCH CENTER	<a href="mailto:dpgc.mrc@mnit.ac.in">dpgc.mrc@mnit.ac.in</a>
12	MATHEMATICS	<a href="mailto:dpgc.maths@mnit.ac.in">dpgc.maths@mnit.ac.in</a>
13	MECHANICAL ENGINEERING	<a href="mailto:dpgc.mech@mnit.ac.in">dpgc.mech@mnit.ac.in</a>
14	METALLURGICAL AND MATERIALS ENGINEERING	<a href="mailto:dpgc.meta@mnit.ac.in">dpgc.meta@mnit.ac.in</a>
15	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	<a href="mailto:dpgc.ncdmm@mnit.ac.in">dpgc.ncdmm@mnit.ac.in</a>
16	PHYSICS	<a href="mailto:dpgc.phy@mnit.ac.in">dpgc.phy@mnit.ac.in</a>