INFORMATION BROCHURE
for
Ph.D. Admission

Even Semester 2025-26

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

www.mnit.ac.in

FOR FURTHER INFORMATION, PLEASE CONTACT:

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Telephone no. 0141- 2715038 **(Ph.D.)** (3.00 PM to 5.00 PM) (Monday to Friday)
Web Site: www.mnit.ac.in

APPLICATION HAS TO BE FILLED ONLINE

(Link available at ***www.mnit.ac.in***).

- Start Date of Online Application :- 06-11-2025
- Last Date of submission of Online Application form :- 25-11-2025 (till 5.00 PM)

Provisional list of shortlisted/eligible candidates for written test/interview will be displayed on Institute website by **02-12-2025**

- Dates of written test & Interview of the shortlisted candidates :- 09-10 December 2025
- Final Result :- 16-12-2025

NOTE :-

- *Candidates applying for the full-time Ph.D. program, who have cleared the National Level Test/Examination such as GATE/CSIR-NET/UGC-NET etc. will be exempted from Ph.D. entrance written test. However, such candidates will be required to appear for the interview if shortlisted. If deemed suitable, will be recommended for admission to Ph.D. program with Institute Assistantship. The admission to all the Ph.D. Programmes in all the Departments/Centres mentioned in this advertisement shall be made purely on the basis of "interview" of the shortlisted applicants to be conducted by the respective Departments/Centres. Mere shortlisting / eligibility based upon any Tests, of an applicant does not confirm admission to Ph.D. Programme.*
- *Candidates applying for the full-time Ph.D. program, who have not cleared the National Level Test/Examination such as GATE/CSIR-NET/UGC-NET etc. must appear for the Institute-level written examination. These candidates will be eligible for the interview only after successfully qualifying the institute-level written examination. If deemed suitable, will be recommended for admission to Ph.D. program with Financial Assistantship* ***(subject to availability and approval by the competent authority).***

- *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 any future updates please visit institute website regularly.*
- *For more information please refer to Rules and Regulations given on institute website**www.mnit.ac.in**.*

ADMISSION CATEGORIES (Ph.D.)

FULL TIME

1. Full Time with Financial Assistantship* (Without NET/GATE)
2. Full Time with Institute Assistantship (With valid GATE/UGC- NET/CSIR-NET/National Level Exam) or (Master's degree with valid GATE score).
3. Full-Time with own scholarship (with UGC/CSIR NET-JRF/ National Level Exam
4. Full-Time (DST-INSPIRE)
5. Full-Time Sponsored

Off Campus

6. Off Campus (Off Campus (beyond 70 km from Jaipur)

PART TIME

7. Part Time (candidate working within 70 km of Jaipur)
8. MNIT Institute Project Staff
9. MNIT Institute Faculty
10. MNIT Institute Staff
11. Executive/Professional

***Remarks: -** **The financial assistantship will be subject to the approval by the competent authority.**

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 Ph.D. 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 (Odd/Even).

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 :-**

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 aforesaid provisions 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 MeitY, Govt. of India (Only for the Department of Electronics and Communication Engineering ECE), and Electrical Engineering (EE))

Departmental screening of candidates under "Visvesvaraya Ph.D. Scheme for Electronics and IT: Phase-II of MeitY", Govt. of India (details of fellowship given in Section 9 (iv).

The eligibility criteria is mentioned at s.no. 4.5 and 10 along with the following:-

GATE score will be mandatory for admission to Ph.D. program under Visvesvaraya Ph.D. Scheme. 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. 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. Overall 50% (with 30% weightage of Part-A and 70% weightage of Part-B) is required in order to qualify for the interview round.

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 DOCTOR OF PHILOSOPHY

4.3.1 PH.D. IN ENGINEERING, ARCHITECTURE & PLANNING DISCIPLINE

(a) The applicant must have a Master's degree in Engineering/Technology/Architecture/Planning or an equivalent qualification from a recognized Institute/University with CGPA not below 6.5 on a 10-point scale or 60% marks (Where CGPA is not awarded).

(b) Candidates with a Bachelor's degree in Engineering, Architecture or Planning, securing 75 % marks or above (or an equivalent CGPA), and either a valid GATE score or qualification in the institute-level entrance examination, may be recommended by the DSC to the SPGB for admission to the Ph.D. program after an interview for Institute Assistantship or Financial Assistantship.

i) However, only students who have graduated from CFTIs or other institutes with NIRF ranking up to 100 shall be considered eligible for admission under this scheme.

ii) Such candidates having sufficient experience in the relevant area and publications in referred conference /journals, as notified by the DPGC, may be considered.

iii) Major deliberations shall be expected from the respective Departments/Centres while admitting any student directly on the basis of a bachelor's degree only.

4.3.2 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).

4.3.3 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)

4.3.4 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

Category	S. No.	Admission Category	Written Exam	Interview	Work Experience	NOC / Consent Letter
Full-Time	1.	*Financial Assistantship (Without Valid GATE/UGC-NET/CSIR-NET/ Other recognized national-level examination score)	Institute Exam	✓	✗	✗
	2.	Institute Assistantship (with valid GATE/UGC-NET/CSIR-NET or other recognized national-level examination score, or M.Tech. completed on the basis of a valid GATE score)	✗	✓	✗	✗
	3.	Full-Time with Own Scholarship (UGC-JRF, CSIR-JRF, or other recognized national-level fellowships)	✗	✓	✗	✗
	4.	**Full-Time (DST-INSPIRE):**				
		Without Valid GATE/UGC-NET/CSIR-NET/Other recognized national-level examination score	Institute Exam	✓	✗	✗

		b) With valid GATE/UGC-NET/CSIR-NET or other recognized national-level examination score, or M.Tech. completed on the basis of a valid GATE score	✗	✓	✗	✗
	5.	**Full-Time Sponsored:**				
		Without Valid GATE/UGC-NET/CSIR-NET/Other recognized national-level examination score	Institute Exam	✓	✓	✓
		With valid GATE/UGC-NET/CSIR-NET or other recognized national-level examination score, or M.Tech. completed on the basis of a valid GATE score	✗	✓	✓	✓
Off-Campus	6.	**Off-Campus Sponsored (PT) (beyond 70 km from Jaipur) :**				
		Without Valid GATE/UGC-NET/CSIR-NET/Other recognized national-level examination score	Institute Exam	✓	✓	✓
		With valid GATE/UGC-NET/CSIR-NET or other recognized national-level examination score, or M.Tech. completed on the basis of a valid GATE score	✗	✓	✓	✓
Part- Time	7.	**Part-Time External (Sponsored) :**				
		a) Without Valid GATE/UGC-NET/CSIR-NET/Other recognized national-level examination score	Institute Exam	✓	✓	✓
		b) With valid GATE/UGC-NET/CSIR-NET or other recognized national-level examination score, or M.Tech. completed on the basis of a valid GATE score	✗	✓	✓	✓
	8.	**MNIT Jaipur Project Staff (PT) :**				
		a) Without Valid GATE/ UGC-NET/ CSIR-NET/Other recognized national-level examination score	Institute Exam	✓	✗	✓
		b) With valid GATE/UGC-NET/CSIR-NET or other recognized national-level examination score, or M.Tech. completed on the basis of a valid GATE score	✗	✓	✗	✓
	9.	**MNIT Jaipur Faculty (PT):**				
		Without Valid GATE/ UGC-NET/CSIR-NET/Other recognized national-level examination score	Institute Exam	✓	✓	✓
		With valid GATE/UGC-NET/CSIR-NET or other recognized national-level examination score, or M.Tech. completed on the basis of a valid GATE score	✗	✓	✓	✓
	10.	**MNIT Jaipur Staff (PT):**				
		Without Valid GATE/ UGC-NET/CSIR-NET/Other recognized national-level examination score	Institute Exam	✓	✓	✓

		With valid GATE/UGC-NET/CSIR-NET or other recognized national-level examination score, or M.Tech. completed on the basis of a valid GATE score	✗	✓	✓	✓
	11.	Executive/Professional	✗	✓	✓	✓

***The number of financial assistantship will be subject to availability of funds, seats and approval by the competent authority.**

Candidates holding a Bachelor's degree in Engineering, Architecture, or Planning with a minimum of 75% marks (or an equivalent CGPA), and possessing either a valid GATE score or having qualified the institute-level entrance examination, may be recommended by the Departmental Selection Committee (DSC) to the Senate Postgraduate Board (SPGB) for admission to the Ph.D. program. Admission shall be subject to an interview and will be considered under Full Time Institute Assistantship (for candidates with a valid GATE score) or Full Time Financial Assistantship (for candidates who qualify through the institute-level entrance examination).

***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 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 must have been in service of the sponsoring organization for at least one year at the time of admission by the last date of application form.** 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 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. 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/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>=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/ 4^{th} 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 09 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.

For M. Tech. + Ph.D. Dual Degree (MPDD) Programme	**For M.Plan + Ph.D. Dual Degree (MPDD) Programme**
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:2CreditOneCoursesextra:3Credit

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 short fall 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 Ph.D. 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 referred as Institute Assistantship/Financial Assistantship for a period 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.

Currently, a monthly Assistantship of Rs. 37,000 is provided for the first two years, and Rs. 42,000 for the subsequent three years. Ph.D. students are not entitled for HRA if hostel accommodation is available at the Institute, as certified by the Hostel In-Charge. However, if hostel accommodation is not available, HRA may be granted as per Institute rule. The current rate of HRA is 16% of the 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/UGC- NET/CSIR-NET/National Level Exam 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, Valid UGC/CSIR NET shall be mandatory.**

iv. **For admission to Ph.D. program with Institute Assistantship in the Humanities & Social Sciences, Valid GATE/ UGC-NET/CSIR-NET/National Level Exam 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 assistantship are required to submit the undertaking at the time of admission in the prescribed Performa given in Annexure-X.

vii. **Visvesvaraya Ph.D. Scheme for Electronics and IT : Phase II (MeitY, Govt. of India)**

In addition to institute assistantship, **01 fellowship** for **Full-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 the Department of Electronics and Communication Engineering (ECE) and 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 and 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) An amount of Rs.1,20,000/- per year towards Research Contingency Grant (after completion of tenure of one year) subject to the fulfillment of the conditions as per guidelines of MeitY.

d) One time support for attending International Conference: Support upto Rs.1.5 Lakhs/Full-time Ph.D. candidate subject to the fulfillment of the conditions as per guidelines of MeitY.

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.
Chemical Engineering	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. OR M.Sc./dual MSc-M.Tech. or equivalent degree in science subjects and consistent with department research areas.
Chemistry	M.Sc. in Chemistry/ Medicinal Chemistry/ Pharmaceutical Chemistry/ Environmental Chemistry/Biochemistry/Biotechnology and related disciplines with chemistry as one of the optional subject.
Civil Engineering	M.E./M.Tech. degree in relevant engineering discipline
Computer Science & Engineering	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

Electrical Engineering	M.E./M.Tech. or equivalent degree in respective & relevant Engineering disciplines
Electronics & Communication Engineering	B.Tech.andM.Tech.Electrical/Electronics/Computer/Communication/Telecommunication/ Instrumentation/ Control/ Microelectronics or equivalent discipline consistent with research areas of department.
Humanities and Social Sciences	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.
Mathematics	M.Sc./M.A./M.Tech/MS or equivalent degree in Mathematics/statistics or in relevant discipline
Mechanical Engineering	B.Tech. and Master's degree in a discipline relevant to the offered Ph.D. topic(s)
Metallurgical & Materials Engineering	B.Tech. and M.Tech. Degree in any branch of engineering or interdisciplinary areas. M.Sc./dual M.Sc. Degree in Chemistry/Physics/Mathematics Sciences with M.Tech. in any branch of engineering or interdisciplinary areas.
Physics	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
Centre for Energy and Environment	1) B.Tech./B.E./B.Arch/M.Sc. 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).
National Centre for Disaster Mitigation and Management	Bachelor's degree in Civil Engineering/Architecture Master's degree in Structural engineering/Earthquake Engineering or any other branch of civil/architectural Engineering
Management Studies	The applicant must have a two-year post-graduate degree or equivalent from recognized institute/University.
Materials Research Centre	The applicant must have a Master's degree in Engineering/Technology/ Science subject Other Qualifications: 1. M.Tech/M.E. 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

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

Table 2. FULL TIME WITH INSTITUTE ASSISTANTSHIP

S.No.	Department/Centres	Faculty member Name	Tentative Research Area of proposed Ph.D.
1.	ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Urban Design for Contemporary Architectural Appreciation
2.	ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Development Regulations for Smart Cities
3.	ARCHITECTURE AND PLANNING	DR. TARUN VERMA	Energy, Comfort & Indoor Built Environment
4.	ARCHITECTURE AND PLANNING	DR. TARUN VERMA	Urban Energy & Sustainability
5.	ARCHITECTURE AND PLANNING	DR. NAND KUMAR	Planning for Energy Efficient buildings/cities.
6.	ARCHITECTURE AND PLANNING	DR. NAND KUMAR	Sustainable Transportation system
7.	ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Urban Infrastructure Planning and Disaster Management
8.	ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Construction Project management
9.	ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Planning for Sustainability Ecology and/ or Climate Change Mitigation in Urban Area
10.	ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Universal Design Adaptation in Built/ Unbuilt Environment
11.	ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Planning and Design for Sustainable Urban Development and Built Development
12.	ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Built Vernacular Heritage, Crafts and Traditional Knowledge Systems
13.	ARCHITECTURE AND PLANNING	DR. KALPANA PANDIT	Urban ecology and city form
14.	ARCHITECTURE AND PLANNING	DR. KALPANA PANDIT	Temple architecture

15.	ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Urban Planning Practices
16.	ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Built Environment and Housing
17.	ARCHITECTURE AND PLANNING	DR. NIRUTI GUPTA	Disaster Resilience and Mitigation
18.	ARCHITECTURE AND PLANNING	DR. NIRUTI GUPTA	Affordable Housing and Quality of Life
19.	ARCHITECTURE AND PLANNING	DR. SATISH PIPRALIA	Urban development regulations
20.	ARCHITECTURE AND PLANNING	DR. SATISH PIPRALIA	Urban transformation
21.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Building integrated solar photovoltaic system
22.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Different transparent materials for radiative cooling
23.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Battery Thermal Management
24.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Building Energy Management
25.	CHEMICAL ENGINEERING	DR. HRUSHIKESH MADHUSUDAN GADE	Molecular dynamics investigations for biopolymer-based novel materials development using self-assembly approach.
26.	CHEMICAL ENGINEERING	DR. HRUSHIKESH MADHUSUDAN GADE	Machine learning-integrated molecular dynamics for accelerated material discovery and design.
27.	CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Sustainable Catalytic Conversion for Renewable Fuels and Chemicals
28.	CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Advanced Catalysis for Environmental Pollutants mitigation
29.	CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Wastewater Treatment
30.	CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Synthesis of catalyst for Wastewater Treatment
31.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Advanced Hybrid Cavitation-Biological Route for Circular Bioeconomy: From Waste to Renewable Fuels and Chemicals
32.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Mechanistic Investigation of Hydrodynamic Cavitation-Assisted Adsorption for Removal of Emerging Pollutants from Greywater
33.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Wastwater Treatment using Novel Techniques
34.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Novel Material for Environment Applications

35.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Electrochemical Anaerobic Membrane Bioreactor for Treatment of Dye-Contaminated Wastewater
36.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Tailored Metal Organic Framework (MOF) Nanoparticles for Gas Storage Applications
37.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Co-pyrolysis of biomass and plastic for production of value added products
38.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Microplastics in ecosystems: their implications and mitigation pathways
39.	CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Development of functionalized catalyst for valorization of glycerol to fuels
40.	CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Advanced Oxidation of Industrial Wastewater
41.	CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Valorization of Glycerol to Fuels Through Hetrogeneous Catalytic Pathways
42.	CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Advanced Oxidation of Industrial Wastewater
43.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Heterogeneous Catalyst based Acetic acid-Ethanol Esterification Reaction in micro-reactors
44.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Carbon dioxide capture and conversion by Electrochemical Methods and Environmentally Friendly Solvents
45.	CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Smart Circularity in Energy Storage: Critical Metal Recovery from Lithium-ion Battery Waste in a Closed System
46.	CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Rare Earth and Precious Metal Recovery from Electronic Waste for India's Metal Security
47.	CHEMICAL ENGINEERING	DR. NEETU KUMARI	Atomic-Designing High-Performance Materials via Ab-initio Molecular Dynamics Simulations
48.	CHEMICAL ENGINEERING	DR. NEETU KUMARI	Hydrogen production using solid oxide electrolysis cell.
49.	CHEMICAL ENGINEERING	DR. KAILASH SINGH	Application of Artificial Intelligence in Process Systems
50.	CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Thermochemical conversion of CO2 to C2+ oxygenates over nanostructured catalysts
51.	CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Metal-based waste materials for catalyzing CO2 reduction reactions
52.	CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Biomass Valorization
53.	CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Indoor air quality management
54.	CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Modeling, synthesis and applications of functional nanomaterials

55.	CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Development of Photovoltaic materials and Solar cells
56.	CHEMICAL ENGINEERING	DR. POOJA JANGIR	Paper-based Microfluidic Devices for Healthcare Applications
57.	CHEMICAL ENGINEERING	DR. POOJA JANGIR	Inertial Migration of Particles in Polymeric Fluids
58.	CHEMICAL ENGINEERING	DR. SUJA GEORGE	Advanced & Sustainable Process Intensified Techniques for dye wastewater treatment
59.	CHEMICAL ENGINEERING	DR. SUJA GEORGE	Sustainable Separation techniques for treatment and recovery of wastewater
60.	CHEMICAL ENGINEERING	DR. DIPALOY DATTA	Synthesis and Application of Deep Eutectic Solvents as Potential Electrolyte in Metal Ion Batteries
61.	CHEMICAL ENGINEERING	DR. DIPALOY DATTA	Application of Deep Eutectic Solvents in Separation
62.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Rare Metal Extraction from wastewater using membrane Technique
63.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	AI-ML based Simulation Study of Reactive Divided Wall Distillation Column
64.	CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAY	Development of Membranes for Selective Ethanol Separation for Membrane Bioreactors applications
65.	CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAY	Design and Optimization of Novel Electrowinning Systems for Sustainable Precious Metal Recovery from E-waste
66.	CHEMISTRY	DR. BIMAN BANDYOPADHYAY	Spectroscopy of hydrogen bonds formed by heavy elements
67.	CHEMISTRY	DR. BIMAN BANDYOPADHYAY	van der Waals' complexes in interstellar medium
68.	CHEMISTRY	DR. ABHINEET VERMA	Design and synthesis of metal complexes showing visible and NIR luminescence.
69.	CHEMISTRY	DR. ABHINEET VERMA	Study of antenna effects, energy transfer, and aggregation-induced emission (AIE).
70.	CHEMISTRY	DR. RAHUL	Development of novel H2S donors for therapeutics
71.	CHEMISTRY	DR. RAHUL	Development of NIR dyes
72.	CHEMISTRY	DR. BARUN JANA	Molecular Sensors for Toxic Metal Ions
73.	CHEMISTRY	DR. BARUN JANA	Molecular Sensors for Toxic Anions
74.	CIVIL ENGINEERING	DR. AMIT KUMAR	Legacy waste treatment
75.	CIVIL ENGINEERING	DR. AMIT KUMAR	E-waste treatment

76.	CIVIL ENGINEERING	DR. UTTAM SINGH	Groundwater modeling
77.	CIVIL ENGINEERING	DR. UTTAM SINGH	Surface and groundwater interaction
78.	CIVIL ENGINEERING	DR. SANYAM DANGAYACH	Design of high speed rail embankments
79.	CIVIL ENGINEERING	DR. SANYAM DANGAYACH	Self filtering soils
80.	CIVIL ENGINEERING	DR. VINAY AGRAWAL	Machine Learning Based Seismic Performance Prediction of Tall Buildings
81.	CIVIL ENGINEERING	DR. VINAY AGRAWAL	Sustainable Geopolymer Concrete Incorporating Multi Source Industrial Waste
82.	CIVIL ENGINEERING	DR. SANJAY MATHUR	Indoor environment quality parameters for occupant satisfaction
83.	CIVIL ENGINEERING	DR. SANJAY MATHUR	Sustainability Performance of Green Building Rating Systems
84.	CIVIL ENGINEERING	DR. ABHISEKH SAHA	Waste utilization in geotechnical applications
85.	CIVIL ENGINEERING	DR. ABHISEKH SAHA	Use of polymers in geotechnical applications
86.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Assessment of Surface Water Vulnerability Under Climate Scenarios
87.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Hydrological Modelling for Prediction of Surface Water Availability
88.	CIVIL ENGINEERING	DR. PAWAN KALLA	Development of sustainable materials
89.	CIVIL ENGINEERING	DR. PAWAN KALLA	Development of relationship between material properties and performance parameters
90.	CIVIL ENGINEERING	DR. SIDDHARTH MEHNDIRATTA	Soil stability and foundation performance in arid regions
91.	CIVIL ENGINEERING	DR. SIDDHARTH MEHNDIRATTA	Development of numerical models for geotechnical analysis in offshore engineering
92.	CIVIL ENGINEERING	DR. RUCHI SHARMA	AI-Based Carbon Credit Analysis
93.	CIVIL ENGINEERING	DR. RUCHI SHARMA	Time Series Analysis of Environmental Engineering Data
94.	CIVIL ENGINEERING	DR. P V RAMANA	Recycled waste material as a replacement in Cement production
95.	CIVIL ENGINEERING	DR. P V RAMANA	AI & Mathematical formulations for recycled concrete structures
96.	CIVIL ENGINEERING	DR. NIVEDITA KAUL	Air pollution and control

97.	CIVIL ENGINEERING	DR. NIVEDITA KAUL	Solid waste management
98.	CIVIL ENGINEERING	DR. SUMIT KHANDELWAL	Remote sensing and GIS applications for environment
99.	CIVIL ENGINEERING	DR. SUMIT KHANDELWAL	Air or Noise pollution studies
100.	CIVIL ENGINEERING	DR. HIMANSHU ARORA	Machine Learning Empowered Planning of Water Resources Systems.
101.	CIVIL ENGINEERING	DR. HIMANSHU ARORA	Climate Change, Hydrological Extremes and Disaster Assessment & Management.
102.	CIVIL ENGINEERING	DR. SUSHREE SUNAYANA	CO2 uptake of Recycled concrete powder
103.	CIVIL ENGINEERING	DR. SUSHREE SUNAYANA	Performance of biochar in concrete
104.	CIVIL ENGINEERING	DR. SURESH KUMAR TIWARI	Soil stabilization using stone industrial waste.
105.	CIVIL ENGINEERING	DR. SURESH KUMAR TIWARI	Soil stabilization using construction and demolition waste.
106.	CIVIL ENGINEERING	DR. SUDHIR KUMAR	Risk identification and assessment in utilizing waste in road construction projects
107.	CIVIL ENGINEERING	DR. SUDHIR KUMAR	sustainable waste processing and management
108.	CIVIL ENGINEERING	DR. URMILA BRIGHU	Water and wastewater treatment and management
109.	CIVIL ENGINEERING	DR. LEELAMBAR SINGH	environmental system modeling
110.	CIVIL ENGINEERING	DR. LEELAMBAR SINGH	climate model
111.	CIVIL ENGINEERING	DR. RAMESHWAR JAGANNATH VISHWAKARMA	Impact of Construction Defects on Structural Members: A Numerical Investigation
112.	CIVIL ENGINEERING	DR. RAMESHWAR JAGANNATH VISHWAKARMA	Investigation of the Structural Performance of Concrete Slabs on grade
113.	CIVIL ENGINEERING	DR. SANDEEP SHRIVASTAVA	Application of industrial byproduct in development of sustainable material made with recycled C&D wastes
114.	COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	AI and ML applications in Healthcare
115.	COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	AI and ML applications in Agriculture
116.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Artificial Intelligence and Machine Learning
117.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Deep learning and pattern recognition.

118.	COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Multimodal Artificial Intelligence
119.	COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Natural Language Processing in collaboration with IBM Research Labs
120.	COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	AI-Powered Security for IoT and Edge Environments
121.	COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	Adversarial AI and Defense Strategies in Cyber Systems
122.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH GOPALANI	AI in Agriculture
123.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH GOPALANI	Natural Language processing
124.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	AI for smart agriculture
125.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	AI for environment monitoring
126.	COMPUTER SCIENCE AND ENGINEERING	DR. PILLI EMMANUEL SHUBHAKAR	Quantum Machine Learning
127.	COMPUTER SCIENCE AND ENGINEERING	DR. PILLI EMMANUEL SHUBHAKAR	Network Security and Forensics
128.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Android malware classification using LLM
129.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Vulnerability Analysis using explainable AI models
130.	COMPUTER SCIENCE AND ENGINEERING	DR. GIRDHARI SINGH	software engineering and machine learning
131.	COMPUTER SCIENCE AND ENGINEERING	DR. GIRDHARI SINGH	software testing and machine learning
132.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Machine Learning and security
133.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Explainable AI for Deepfake Videos
134.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Machine learning based solutions for VANET security
135.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Responsible and Safe AI solutions for Cyber Security
136.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Reasoning Models for Explainable AI
137.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Foundational Models for AI in Education
138.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Generative AI and Large Language Models in Education

139.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs
140.	COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	AI-Driven Multimodal and Multilingual Frameworks in Health Informatics
141.	COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	Generative AI : Multimodal and multilingual model for Health and Agriculture
142.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Split Machine Learning for communication systems
143.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Security for next-generation communication systems using advanced AI methods
144.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Machine learning and deep learning for Security
145.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Federated learning and edge computing
146.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH KUMAR TYAGI	Security solutions using Machine learning
147.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH KUMAR TYAGI	Application AI/ML in Digital twin technology
148.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	AI, ML Mitigating hallucination GenAI
149.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Gen AI
150.	COMPUTER SCIENCE AND ENGINEERING	DR. ARKA PROKASH MAZUMDAR	Intelligence in Next Generation Networks
151.	COMPUTER SCIENCE AND ENGINEERING	DR. ARKA PROKASH MAZUMDAR	Quantum Internet
152.	ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	DC-DC Converters
153.	ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	Control and Applicaiton of Power Converters for Renewabale Energy
154.	ELECTRICAL ENGINEERING	DR. RAJIVE TIWARI	Electric vehicle
155.	ELECTRICAL ENGINEERING	DR. RAJIVE TIWARI	Renewable energy
156.	ELECTRICAL ENGINEERING	DR. SURENDER HANS	Medical Robotics and Control
157.	ELECTRICAL ENGINEERING	DR. SURENDER HANS	Robust and Non-Linear Control
158.	ELECTRICAL ENGINEERING	DR. KUSUM VERMA	Operational Flexibility of Renewables Dominated Power Grid
159.	ELECTRICAL ENGINEERING	DR. KUSUM VERMA	Coordinated Frequency-Voltage Control in Hybrid AC/DC Grids

160.	ELECTRICAL ENGINEERING	DR. SANDEEP N	Multilevel Inverters
161.	ELECTRICAL ENGINEERING	DR. SANDEEP N	Electrical Vehicle Chargers
162.	ELECTRICAL ENGINEERING	DR. KHALEEQUR REHMAN NIAZI	Operation and management of Energy Hub,
163.	ELECTRICAL ENGINEERING	DR. KHALEEQUR REHMAN NIAZI	Operation, control and management of smart grid
164.	ELECTRICAL ENGINEERING	DR. MANOJ FOZDAR	Power System operation and control in modern power system
165.	ELECTRICAL ENGINEERING	DR. MANOJ FOZDAR	Power system economics with electrical vehicles
166.	ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	EV integration and scheduling in Hybrid Microgrid
167.	ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	Protection strategies for Hybrid Microgrid
168.	ELECTRICAL ENGINEERING	DR. SATISH SHARMA	AI/ML for smart grid data analysis
169.	ELECTRICAL ENGINEERING	DR. SATISH SHARMA	Electricity Markets and Power System operation
170.	ELECTRICAL ENGINEERING	DR. PRERNA JAIN	AI solutions for Power System Operation under open market scenario
171.	ELECTRICAL ENGINEERING	DR. PRERNA JAIN	Energy Management and Energy Transactions
172.	ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	Applications of Signal processing in Power Systems, Electric Vehicles, biomedical or image processing
173.	ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	Machine learning with Optimization in power system, power electronics, Electric Vehicles
174.	ELECTRICAL ENGINEERING	DR. DIPTI SAXENA	Data Driven Energy Management of Electric Vehicles
175.	ELECTRICAL ENGINEERING	DR. DIPTI SAXENA	Advanced Distribution System Management
176.	ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	SmartGrid and its Cybersecurity
177.	ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	Electric Vehicles, and Charging Infrastructure
178.	ELECTRICAL ENGINEERING	DR. SATYANARAYANA NEELI	Model predictive control
179.	ELECTRICAL ENGINEERING	DR. SATYANARAYANA NEELI	Applications of system theory to Power Electronics and Power Systems
180.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Power System Operation

181.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Energy Systems Planning
182.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Device applications to AI Hardware accelerators
183.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Radiation hardened memory/circuits
184.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Energy-efficient AI hardware using photonic components
185.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Development of algorithms for Quantum Sensing and Computing
186.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SARTHAK SINGHAL	FREQUENCY SELECTIVE SURFACES FOR 5G/6G APPLICATIONS
187.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SARTHAK SINGHAL	MICROSTRIP ANTENNA FOR 5G/6G APPLICATIONS
188.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Microwave Imaging
189.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Microwave Devices
190.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAVI KUMAR MADDILA	Design and Development of Indoor Optical Wireless Communication System
191.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAVI KUMAR MADDILA	Design and Development of Indoor Optical Wireless Communication Link
192.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	AI/ ML/Optimization in Digital Signal Processing including EEG/EMG/ECG/ Digital Filter and Multirate System
193.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	AI/ ML/Optimization in 5G/Wireless/Cognitive radio including Spectrum Sensing/Management/Access
194.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. DEEPAK BHARTI	Analog microelectronic devices
195.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. DEEPAK BHARTI	Digital Design
196.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ANKIT	Molecular Communication
197.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ANKIT	Wireless Communication
198.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	Data Clustering Techniques in 5G and 6G Communication
199.	ELECTRONICS AND COMMUNICATION	DR. SATYASAI JAGANNATH	AI algorithms for Wireless Sensor Networks

	ENGINEERING	NANDA	
200.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	Nano Electronic Device Modelling and simulation
201.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	Digital filter design using AI/ML
202.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Antenna Design/ FSS/Absorbers/Rasorbers for 5G/6G mm wave Communication using AI and ML
203.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Study and design of the nature and structure of human intelligence using the Cognitive Architecture
204.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Antenna for 5G/6G Applications
205.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Dielectric Resonator Antennas for THz applications
206.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RITU SHARMA	AI and ML assisted Flexible electronics
207.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RITU SHARMA	Neuromorphic vlsi design
208.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	AI/ML in Healthcare
209.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	Security in Cyber Physical System
210.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KAMALESH KUMAR SHARMA	Machine learning based biomedical signal processing
211.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KAMALESH KUMAR SHARMA	Electromagnetics and antenna design
212.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	Artificial Intelligence for EDGE IoT and applications
213.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	LLM for VLSI system design
214.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	Analog Integrated Circuits
215.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	MEMS based sensor
216.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Analog and Digital VLSI Design
217.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation

218.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Artificial Intelligence for Biomedical Applications
219.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Artificial Intelligence applications in Wireless Communication
220.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	Optical Communication and Photonics: Application of Machine Learning in Space Communication
221.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	AI-Driven Free-Space Optical Networks
222.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. LAVA BHARGAVA	Design and fabrication of GaN based sensor for Heavy metal detection in water for smart water quality monitoring
223.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. LAVA BHARGAVA	AI Applications in IoT systems
224.	HUMANITIES AND SOCIAL SCIENCE	DR. DIPTI SHARMA	Sustainable Development
225.	HUMANITIES AND SOCIAL SCIENCE	DR. DIPTI SHARMA	Green Economics
226.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Sociology of Gender: Gender inequality, sustainable development, public policy
227.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Sociology: Digital Inequalities and marginalization, social and cultural change, rural and urban development
228.	HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Indian Writing in English
229.	HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Gender and Cultural Studies
230.	MANAGEMENT STUDIES	DR. RITIKA MAHAJAN	Strategic Management
231.	MANAGEMENT STUDIES	DR. RITIKA MAHAJAN	CSR, Sustainability and Circular Economy
232.	MANAGEMENT STUDIES	DR. SHWETA SHARMA	Sustainable Financial Practices
233.	MANAGEMENT STUDIES	DR. SHWETA SHARMA	Developmental Economics
234.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Sustainability and Green Marketing
235.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Digital Marketing
236.	MANAGEMENT STUDIES	DR. DEEPAK VERMA	Issues in Technology Adoption / Digital Environments
237.	MANAGEMENT STUDIES	DR. DEEPAK VERMA	Consumer Trust in AI-driven Marketing

238.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Business Analytics
239.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Operations Analytics
240.	MANAGEMENT STUDIES	DR. DIVESH KUMAR	Marketing for sustainable products
241.	MANAGEMENT STUDIES	DR. DIVESH KUMAR	Supply chain sustainability
242.	MANAGEMENT STUDIES	DR. SHRIDEV	CORPORATE FINANCE
243.	MANAGEMENT STUDIES	DR. SHRIDEV	CAPITAL MARKET
244.	MANAGEMENT STUDIES	DR. REETA SINGH	Hybrid work Model and Employee Engagement
245.	MANAGEMENT STUDIES	DR. REETA SINGH	Work- Life Balance
246.	MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Organizational Agility and Mindfulness
247.	MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Positive Organizational Behavior
248.	MANAGEMENT STUDIES	DR. MONICA SHARMA	Agribusiness Supply Chain Management
249.	MANAGEMENT STUDIES	DR. MONICA SHARMA	Sustainable Supply Chain Management
250.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Business Analytics
251.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Designing Sustainable Products as a Service model
252.	MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Nanoscale materials for optical sensing of metal ions and biomolecules
253.	MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Supramolecular metallogels for environmental applications
254.	MATERIAL RESEARCH CENTER	DR. NISHA VERMA	2D Materials for Battery Application
255.	MATERIAL RESEARCH CENTER	DR. NISHA VERMA	Nano Structured Material for Thermoelectric Application
256.	MATHEMATICS	DR. OM P. SUTHAR	Computational Analysis of Nonlinear Differential Equations
257.	MATHEMATICS	DR. OM P. SUTHAR	Computational Methods for Fluid Flow Problems
258.	MATHEMATICS	DR. SANTOSH CHAUDHARY	Modeling using Differential Equations

259.	MATHEMATICS	DR. SANTOSH CHAUDHARY	Computational study of Partial Differential Equations
260.	MATHEMATICS	DR. PRIYANKA HARJULE	Optimisation of Neural networks using fractional calculus
261.	MATHEMATICS	DR. PRIYANKA HARJULE	Fractional calculus in image processing techniques
262.	MATHEMATICS	DR. VARUN JINDAL	Topologies on Spaces of Functions
263.	MATHEMATICS	DR. VARUN JINDAL	Set-Valued Maps and Their Applications
264.	MATHEMATICS	DR. RITU AGARWAL	Fractional dynamical systems and numerical techniques
265.	MATHEMATICS	DR. RITU AGARWAL	Analysis and simulation of mathematical models of fractional order
266.	MATHEMATICS	DR. ANUBHA JINDAL	Function Spaces in Topology
267.	MATHEMATICS	DR. ANUBHA JINDAL	Topologies on Closed Subsets of a Generalized Metric Space
268.	MATHEMATICS	DR. GEETANJALI CHATTOPADHYAY	Thin film flow stability
269.	MATHEMATICS	DR. GEETANJALI CHATTOPADHYAY	Evolution of interface in flows over topography
270.	MATHEMATICS	DR. SANJAY BHATTER	Study of Generalized Special function and its applications.
271.	MATHEMATICS	DR. SANJAY BHATTER	Application of fractional calculus and special functions in Mathematical modeling.
272.	MECHANICAL ENGINEERING	DR. ANUP MALIK	Manufacturing & Testing of Heat Dissipation Devices
273.	MECHANICAL ENGINEERING	DR. ANUP MALIK	Fabrication & Characterization of Composite Materials
274.	MECHANICAL ENGINEERING	DR. JINESH KUMAR JAIN	Welding Parameter Optimization in wire arc Additive Manufacturing using Artificial Intelligence
275.	MECHANICAL ENGINEERING	DR. JINESH KUMAR JAIN	Welding Process Characterization and Optimization through Machine Learning
276.	MECHANICAL ENGINEERING	DR. GUNJAN SONI	Supply Chain 5.0
277.	MECHANICAL ENGINEERING	DR. HARLAL SINGH MALI	Prosthetic (Jaipur Foot) or Orthotic (Knee/Ankle) Devices Development
278.	MECHANICAL ENGINEERING	DR. HARLAL SINGH MALI	Additive Manufacturing/Micromachining/Abrasive Flow Finishing/FRP Machining/Hybrid Machining
279.	MECHANICAL ENGINEERING	DR. TAPAS BAJPAI	Experimental and numerical investigation of temperature gradients and stress evolution in underwater wet SMAW joints

280.	MECHANICAL ENGINEERING	DR. PANKAJ KUMAR GUPTA	Design and development of MMC
281.	MECHANICAL ENGINEERING	DR. PANKAJ KUMAR GUPTA	Investigations on hybrid machining
282.	MECHANICAL ENGINEERING	DR. DINESH KUMAR	Failure and Fracture Analysis of Composite Materials using Phase Field Modelling
283.	MECHANICAL ENGINEERING	DR. DINESH KUMAR	A Thermodynamically Consistent Phase-Field Model for Fatigue Crack Growth under Variable Amplitude Loading
284.	MECHANICAL ENGINEERING	DR. JYOTIRMAY MATHUR	Energy efficiency in air conditioning systems
285.	MECHANICAL ENGINEERING	DR. JYOTIRMAY MATHUR	Thermal comfort analysis in green buildings
286.	MECHANICAL ENGINEERING	DR. AMIT ARORA	Compact heat exchangers
287.	MECHANICAL ENGINEERING	DR. AMIT ARORA	Waste heat management (EV battery/ Electronics heat)
288.	MECHANICAL ENGINEERING	DR. G. D. AGARWAL	Study on Field Challenges and Practical Solutions for Solar Power Generation.
289.	MECHANICAL ENGINEERING	DR. G. D. AGARWAL	Life Cycle Analysis (LCA), Environmental and Energy Impacts of Used Electrical Battery.
290.	MECHANICAL ENGINEERING	DR. MANISH KUMAR	Design and Performance Evaluation of TPMS-Inspired Heat Exchangers for Non-Newtonian Fluid Flow
291.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	AI enabled Supply Chain Sustainability
292.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Disruptive technology enabled circularity in Supply Chain
293.	MECHANICAL ENGINEERING	DR. GAURAV HEDAU	Flow boiling heat transfer in microchannel heat sink
294.	MECHANICAL ENGINEERING	DR. YASHWANT KOLI	Wire-arc additive manufacturing (WAAM) of Inconel alloy for aerospace applications
295.	MECHANICAL ENGINEERING	DR. YASHWANT KOLI	Post heat treatment of aluminium alloys using microwave hybrid heating
296.	MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Design of Advanced Materials for Defence Application
297.	MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Design Optimization of Composite Materials for Aerospace Structures
298.	MECHANICAL ENGINEERING	DR. AMAR PATNAIK	AI/ML-Assisted Wear Prediction in Polymer Composites
299.	MECHANICAL ENGINEERING	DR. AMAR PATNAIK	Modelling and Analysis of Additively Manufactured Metals
300.	MECHANICAL ENGINEERING	DR. ANOJ MEENA	Development and characterization of composite developed through 3D printing.

301.	MECHANICAL ENGINEERING	DR. ANOJ MEENA	Development and Machinability study of high entropy alloy.
302.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Acoustic Metasurfaces
303.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Underwater acoustics
304.	MECHANICAL ENGINEERING	DR. MAKKHAN LAL MEENA	Ergonomics intervention of hand tools using in rural based industries
305.	MECHANICAL ENGINEERING	DR. MAKKHAN LAL MEENA	Ergonomics intervention in agricultural hand tools
306.	MECHANICAL ENGINEERING	DR. MANJINDER SINGH	Heat Transfer
307.	MECHANICAL ENGINEERING	DR. MANJINDER SINGH	Fluid Structure Interaction
308.	MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Alignment of CNT and graphene nano-particles in polymer composites
309.	MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Development of continuous electrophoretic deposition process of CNT on carbon fibers
310.	MECHANICAL ENGINEERING	DR. MUKESH KUMAR	Tribology study of Coatings
311.	MECHANICAL ENGINEERING	DR. MUKESH KUMAR	Tribology study of metals
312.	MECHANICAL ENGINEERING	DR. RAKESH JAIN	AI enabled supply chain
313.	MECHANICAL ENGINEERING	DR. RAKESH JAIN	Industry 5.0 implementation framework
314.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SREEKUMAR VADAKKE MADAM	Development of Aluminium based nanocomposites for electric car brakes
315.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SREEKUMAR VADAKKE MADAM	Aluminium-cerium nanocomposites for high temperature applications
316.	METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Development of magnesium alloys for automotive applications
317.	METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Development of high-strength aluminium alloys for aerospace applications
318.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Development of high entropy alloys
319.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Welding of dissimilar alloys
320.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Nanomaterials for electronic applications

321.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Polymer nanocomposites for aerospace applications
322.	METALLURGICAL AND MATERIALS ENGINEERING	DR. JYOTIRMAYA KAR	Resistance spot welding of automotive metals in dissimilar configurations
323.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJENDRA KUMAR GOYAL	Additive Manufacturing of Polymeric Composites
324.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJENDRA KUMAR GOYAL	Fabrication and Characterization of Novel Nanocomposites
325.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	High strength steel for aerospace applications
326.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	SLM Ni based alloy for aerospace applications
327.	METALLURGICAL AND MATERIALS ENGINEERING	DR. AJAYA KUMAR PRADHAN	Development of high-performance aluminum alloys
328.	METALLURGICAL AND MATERIALS ENGINEERING	DR. ABHISHEK TRIPATHI	Severe plastic deformation of high entropy alloys
329.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Developing novel methodolgies for corrosion resistance, wear resistance, and selflubricaiting coatings
330.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Waste derived cathode materails for Zn-Ion batteries
331.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Application of AI and ML in coatings
332.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Development of low alloy steels for advanced applications
333.	METALLURGICAL AND MATERIALS ENGINEERING	DR. MANJESH KUMAR MISHRA	Microstructure and Mechanical Behaviour of Steel
334.	METALLURGICAL AND MATERIALS ENGINEERING	DR. MANJESH KUMAR MISHRA	Microstructure and Mechanical Behaviour of Additive Manufactured IN718 Alloy
335.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KRISHNA KUMAR	Tribological Property Evaluation of Electrodeposited High Entropy Alloy Coatings on Mild Steel Substrate
336.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KRISHNA KUMAR	Enhancing corrosion and wear properties of Nanoparticle Reinforced surface composite of AISI 410 steel
337.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. S. D. BHARTI	Earthquake Engineering
338.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. S. D. BHARTI	Earthquake Safety of dams

339.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. NISHANT ROY	Earthquake Safety of Dams
340.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. NISHANT ROY	Geotechnical Earthquake Engineering
341.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Earthquake Engineering and Mathematical Models
342.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Structural Dynamics and Mathematical Models
343.	PHYSICS	DR. KANUPRIYA SACHDEV	Energy storage materials & devices
344.	PHYSICS	DR. RAHUL SINGHAL	Fabrication of thin film based Organic Solar Cell
345.	PHYSICS	DR. RAHUL SINGHAL	Carbon based Sensor for determination of doping steroids
346.	PHYSICS	DR. KAMLENDRA AWASTHI	AI-Integrated Metal Organic Framework Based Gas Sensor System for Selective Detection of Toxic Gases
347.	PHYSICS	DR. KAMLENDRA AWASTHI	Smart Wearable Gas Sensors Leveraging 2D Materials and Artificial Intelligence for Health and Environmental Applications
348.	PHYSICS	DR. K VENKATARATNAM KAMMA	Dark Energy Signature in Gravitational Waves
349.	PHYSICS	DR. K VENKATARATNAM KAMMA	Density Functional Theory (DFT) Investigation of Carbon Dioxide Conversion into Value-Added Chemicals and Fuels
350.	PHYSICS	DR. DEBASISH SARKAR	Nanostructured electrode materials for photorechargeable zinc-ion batteries
351.	PHYSICS	DR. DEBASISH SARKAR	Development of flexible energy storage systems for wearable electronic devices
352.	PHYSICS	DR. KAVITA LALWANI	Collider Physics in the Area of Experimental High Energy Physics
353.	PHYSICS	DR. KAVITA LALWANI	Physics of Standard Model and Beyond in the Area of High Energy Physics/Particle Physics
354.	PHYSICS	DR. SRINIVASA RAO NELAMARRI	Ion beam induced modification of nanostructured materials for various applications
355.	PHYSICS	DR. SRINIVASA RAO NELAMARRI	Synthesis of nanocrystalline thin films for memory devices
356.	PHYSICS	DR. RAJNISH DHIMAN	Materials Optimization and Degradation Mechanisms in Proton Exchange Membrane Fuel Cells

357.	PHYSICS	DR. RAJNISH DHIMAN	Material and electrolyte interface investigation of Zn anodes for efficient Zn-air batteries.

Table 3. FULL TIME SPONSORED/OFF CAMPUS/PART TIME (INSTITUTE FACULTY, INSTITUTE STAFF, EXECUTIVE/PROFESSIONAL)

S.No.	Department/Centre	Faculty Name	Tentative Research Area of proposed Ph.D.
1.	ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Building Envelope Design for User's Comfort
2.	ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Climate Resilience Planning
3.	ARCHITECTURE AND PLANNING	DR. NAND KUMAR	Energy Efficient Buildings/Cities
4.	ARCHITECTURE AND PLANNING	DR. NAND KUMAR	Sustainable transportation system for cities
5.	ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Planning for Disaster Resilience
6.	ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Urban Infrastructure Planning and Management
7.	ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Construction Project Management
8.	ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Urban Transport Planning and Engineering
9.	ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Sustainable Use of Building Materials
10.	ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Enhancing Outdoor/ Indoor Thermal Environment
11.	ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Sustainable Planning of Water Resources in Human Settlements
12.	ARCHITECTURE AND PLANNING	DR. TARUSH CHANDRA	Circular Economy Approach in Solid Waste Management
13.	ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Planning and Design for Sustainable Urban Development and Built Development
14.	ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Built Vernacular Heritage, Crafts and Traditional Knowledge Systems
15.	ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Tourism Planning and Development
16.	ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Urban Growth Management and Land Use Planning
17.	ARCHITECTURE AND PLANNING	DR. KALPANA PANDIT	Transformation of cultural landscapes

18.	ARCHITECTURE AND PLANNING	DR. KALPANA PANDIT	Historical Architecture
19.	ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Built Environment and Housing
20.	ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Sustainable Urban Planning
21.	ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Ancient Planning Practices
22.	ARCHITECTURE AND PLANNING	DR. BHAVNA SHRIVASTAVA	Acoustical performance practices in built environment
23.	ARCHITECTURE AND PLANNING	DR. NIRUTI GUPTA	Disaster Resilience and Mitigation
24.	ARCHITECTURE AND PLANNING	DR. NIRUTI GUPTA	Affordable Housing and Quality of Life
25.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Anaerobic digestion
26.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Biomass to Bioenergy
27.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Hydrogen production via nonthermal plasma
28.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Multi-Objective Optimization of Hydrogen Supply Chains.
29.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Policy and Regulatory Frameworks for Safe and Sustainable Hydrogen
30.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	BESS system design
31.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Battery Thermal Management
32.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Building Energy Management
33.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Sustainability Studies
34.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Solar PV Applications
35.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Sustainability using Renewable Energy
36.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Solar PV research
37.	CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Sustainable Catalytic Conversion for Renewable Fuels and Chemicals
38.	CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Advanced Catalysis for Environmental Pollutants mitigation

39.	CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Waste Water Treatment by Electro Oxidation Process
40.	CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Novel Materials for Environmental Application
41.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Process Intensification of Industrial Effluent Treatment Using Coupled Cavitation-Photocatalytic Advanced Oxidation Systems
42.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Design of Visible-Light Responsive Photocatalysts for Mineralization of Industrial Effluents via Advanced Oxidation Pathways
43.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	AI-Driven Optimization of Hybrid Advanced Oxidation Processes for Textile Effluent Mineralization
44.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	wastewater Treatment
45.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Advanced Materials
46.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Advanced Oxidation Process
47.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Water/wastewater treatment using Electrochemical Methods
48.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Electrochemical Anaerobic Membrane Bioreactor for Treatment of Dye-Contaminated Wastewater
49.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Application of Machine Learning for Predicting Biogas Yield and Membrane Fouling in Anaerobic Membrane Bioreactor
50.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Tailored Metal Organic Framework (MOF) Nanoparticles for Gas Storage Applications
51.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Nanocomposite Polymeric Membranes for Separation Applications
52.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Degradation of pesticides from waste water using different biosorbents
53.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Production of bio-ethanol from different sources
54.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Advanced biofuels for industry sectors
55.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Sustainable strategies for generating bioenergy
56.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Textile wastewater treatment and reuse for circular economy and urban development
57.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Municipal wastewater treatment by constructed wetland and anaerobic digestion
58.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Carbon dioxide capture and conversion to useful products

59.	CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	E-waste Recycling
60.	CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Ecofriendly recycling of scrap lithium ion batteries
61.	CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Metal-based waste materials for catalyzing CO2 reduction reactions
62.	CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Thermochemical conversion of CO2 to C2+ oxygenates over nanostructured catalysts
63.	CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Biomass Valorization
64.	CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Indoor air quality management
65.	CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Development of microfluidic aerogel device for biomedical applications
66.	CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Experimental and computational studies of Photocatalysts for emerging contaminants
67.	CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Experimental and computational studies of Chemical Sensors
68.	CHEMICAL ENGINEERING	DR. SUJA GEORGE	Advanced & Sustainable Process Intensified Techniques for dye wastewater treatment
69.	CHEMICAL ENGINEERING	DR. SUJA GEORGE	Sustainable Separation techniques for treatment and recovery of wastewater
70.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Rare Metal Extraction from wastewater using membrane Technique
71.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Production of Green Hydrogen for Biowaste
72.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	AI-ML based Simulation Study of Reactive Divided Wall Distillation Column
73.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Reuse of biowaste in wastewater treatment
74.	CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAY	Deep Neural Network Modeling for Dynamic Behavior of Batch Emulsion Polymerization Reactors
75.	CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAY	Design and Optimization of Novel Electrowinning Systems for Sustainable Precious Metal Recovery from E-waste
76.	CIVIL ENGINEERING	DR. UTTAM SINGH	AI for sustainable water resources management
77.	CIVIL ENGINEERING	DR. UTTAM SINGH	Groundwater modelingSUr
78.	CIVIL ENGINEERING	DR. UTTAM SINGH	Surface and groundwater interaction modeling
79.	CIVIL ENGINEERING	DR. UTTAM SINGH	Saltwater intrusion in groundwater

80.	CIVIL ENGINEERING	DR. SANYAM DANGAYACH	Soil bacteria for design of lined canals
81.	CIVIL ENGINEERING	DR. SANYAM DANGAYACH	Processed legacy waste for use in pavement construction
82.	CIVIL ENGINEERING	DR. VINAY AGRAWAL	Machine Learning Based Seismic Performance Prediction of Tall Buildings
83.	CIVIL ENGINEERING	DR. VINAY AGRAWAL	Sustainable Geopolymer Concrete Incorporating Multi Source Industrial Waste
84.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Climate Change Impact Assessment on Surface Water Vulnerability
85.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Assessment of Climate Variability on Surface Water Availability in Urban Watersheds
86.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Integrated Hydrodynamic Modelling of River Basins
87.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Machine Learning Approaches for Streamflow Predictions
88.	CIVIL ENGINEERING	DR. PAWAN KALLA	Sustainable Road Materials Using Stone Waste
89.	CIVIL ENGINEERING	DR. PAWAN KALLA	Green Materials for Smart City Projects
90.	CIVIL ENGINEERING	DR. SIDDHARTH MEHNDIRATTA	Soil stability and foundation performance in arid regions
91.	CIVIL ENGINEERING	DR. SIDDHARTH MEHNDIRATTA	Development of numerical models for geotechnical analysis in offshore engineering
92.	CIVIL ENGINEERING	DR. RUCHI SHARMA	Impact of Electric Vehicles on Air Pollution
93.	CIVIL ENGINEERING	DR. RUCHI SHARMA	AI/ML Applications in Environmental Engineering
94.	CIVIL ENGINEERING	DR. P V RAMANA	Development of recycled concrete using waste material
95.	CIVIL ENGINEERING	DR. P V RAMANA	Mathematical formulations for recycled concrete structures & AI
96.	CIVIL ENGINEERING	DR. HIMANSHU ARORA	Multi-criteria decision making in Water Sector
97.	CIVIL ENGINEERING	DR. HIMANSHU ARORA	GIS assisted Machine Learning Applications in Hydrological Systems & Water Resources Development.
98.	CIVIL ENGINEERING	DR. SUSHREE SUNAYANA	CO2 uptake of Recycled concrete powder
99.	CIVIL ENGINEERING	DR. SUSHREE SUNAYANA	Performance of biochar in concrete
100.	CIVIL ENGINEERING	DR. SURESH KUMAR TIWARI	Soil stabilization using stone industrial waste.

101.	CIVIL ENGINEERING	DR. SURESH KUMAR TIWARI	Soil stabilization using construction and demolition waste.
102.	CIVIL ENGINEERING	DR. URMILA BRIGHU	Water and wastewater treatment and management
103.	CIVIL ENGINEERING	DR. LEELAMBAR SINGH	Groundwater modeling
104.	CIVIL ENGINEERING	DR. LEELAMBAR SINGH	surface water modeling
105.	CIVIL ENGINEERING	DR. RAMESHWAR JAGANNATH VISHWAKARMA	Evaluation of Mechanical Properties of Special Concrete
106.	CIVIL ENGINEERING	DR. RAMESHWAR JAGANNATH VISHWAKARMA	Evaluation of the Structural Response of Concrete Pavement
107.	CIVIL ENGINEERING	DR. SANDEEP SHRIVASTAVA	Application of industrial byproduct in development of sustainable Light weight construction material
108.	COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	AI and ML applications in Agriculture
109.	COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	AI and ML applications in Healthcare
110.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Artificial Intelligence and Machine Learning
111.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Deep learning and pattern recognition.
112.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Generative AI and Natural Language processing
113.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Satellite imaging and computer vision.
114.	COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Multimodal Artificial Intelligence
115.	COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Natural Language Processing in collaboration with IBM Research Labs
116.	COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	Adversarial AI and Defense Strategies in Cyber Systems
117.	COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	Zero-Day Attack Prediction using Deep Learning
118.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH GOPALANI	AI Ethics and Bias
119.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH GOPALANI	Quantum Computing for AI
120.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Swarm based data clustering
121.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Computer vision based real time data analysis

122.	COMPUTER SCIENCE AND ENGINEERING	DR. PILLI EMMANUEL SHUBHAKAR	AI Forensics
123.	COMPUTER SCIENCE AND ENGINEERING	DR. PILLI EMMANUEL SHUBHAKAR	Quantum Internet
124.	COMPUTER SCIENCE AND ENGINEERING	DR. PILLI EMMANUEL SHUBHAKAR	Blockchain Forensics
125.	COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Machine Learning and Deep Learning for Modern Computer Vision Tasks
126.	COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Medical Image Analysis using Deep Learning, Generative AI for Medical Imaging
127.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Analyzing Android kernel patch ecosystem
128.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Exploring vulnerabilities in pre-installed android apps
129.	COMPUTER SCIENCE AND ENGINEERING	DR. GIRDHARI SINGH	software engineering and machine learning
130.	COMPUTER SCIENCE AND ENGINEERING	DR. GIRDHARI SINGH	software testing and machine learning
131.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Machine Learning and Security
132.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Explanable AI for Deepfake Videos
133.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Explanable AI for Next Generation Networks
134.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Blockchain and Its security
135.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Responsible and Safe AI solutions for Cyber Security
136.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Artificial Intelligence for Network Security
137.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	TinyML Driven Solutions for ITS
138.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Next generation Vehicular Ad hoc Networks
139.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Mobile Malware Detection and Mitigation
140.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	AI/ML Techniques for enhancing image resolution
141.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	AI and Robotics
142.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	AI Engines for detecting Deep Fakes

143.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Generative AI and Large Language Models in Education
144.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs
145.	COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	AI-Based Multimodal Text Mining and Summarization for Agricultural Supply Chain
146.	COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	AI-based Multimodal Text Understanding and Summarization for Smart Agriculture
147.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	C-V2X using 6G communication
148.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Digital Twin using AI
149.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	AI security
150.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	ORAN for 6G communication using AI
151.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Machine learning and deep learning for Security
152.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Modelling optimisation problems using advanced algorithmic paradigms
153.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Machine learning, Deep learning and Advanced Algorithms for traffic analysis in Elastic Optical Networks-(EON)
154.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Federated learning and edge computing
155.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH KUMAR TYAGI	Integration of Blockchain and Federated Learning for privacy and security
156.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH KUMAR TYAGI	Application of AI ,ML in Next Generation Advanced Networks
157.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH KUMAR TYAGI	Security solution using AI/ML
158.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Graph Neural Networks, AI, GenAI
159.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Machine Learning, Artificial Intelligence, Content Generation
160.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	AI, ML, Detection of fake data
161.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	AI, ML and GenAI
162.	ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	DC-DC Converters
163.	ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	Control and Applicaiton of Power Converters for Renewabale Energy

164.	ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	Electric Vehicles
165.	ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	DC Microgrid
166.	ELECTRICAL ENGINEERING	DR. RAJIVE TIWARI	Electric vehicle
167.	ELECTRICAL ENGINEERING	DR. RAJIVE TIWARI	Renewable energy integration
168.	ELECTRICAL ENGINEERING	DR. RAJIVE TIWARI	Demand response
169.	ELECTRICAL ENGINEERING	DR. RAJIVE TIWARI	Renewable energy
170.	ELECTRICAL ENGINEERING	DR. SURENDER HANS	Medical Robotics and Control
171.	ELECTRICAL ENGINEERING	DR. SURENDER HANS	Robust and Non-Linear Control
172.	ELECTRICAL ENGINEERING	DR. SURENDER HANS	Robust Sliding Mode Control
173.	ELECTRICAL ENGINEERING	DR. SURENDER HANS	Healthcare and Robotics Field
174.	ELECTRICAL ENGINEERING	DR. MANOJ FOZDAR	Power System operation and control in modern power system
175.	ELECTRICAL ENGINEERING	DR. MANOJ FOZDAR	Integration of DG in power system
176.	ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	Power flow analysis of Hybrid Microgrid
177.	ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	Fault analysis of Hybrid Microgrid
178.	ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	AI/ML based protection coordination strategies for Microgrid
179.	ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	Energy Management and scheduling in Microgrid
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181.	ELECTRICAL ENGINEERING	DR. SATISH SHARMA	Distribution Network Analysis
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184.	ELECTRICAL ENGINEERING	DR. PRERNA JAIN	AI solutions for Power System Operation under open market scenario

185.	ELECTRICAL ENGINEERING	DR. PRERNA JAIN	Energy Management and Energy Transactions
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188.	ELECTRICAL ENGINEERING	DR. DIPTI SAXENA	Electric Vehicle Integration to Grids
189.	ELECTRICAL ENGINEERING	DR. DIPTI SAXENA	Efficient Energy Management of Microgrids
190.	ELECTRICAL ENGINEERING	DR. DIPTI SAXENA	Renewable Energy Integration to Grids
191.	ELECTRICAL ENGINEERING	DR. DIPTI SAXENA	Electric vehicles integration impacts in distribution networks
192.	ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	Electric Vehicles
193.	ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	Smartgrid cybersecurity
194.	ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	Power System operations and Planning
195.	ELECTRICAL ENGINEERING	DR. PRAVEEN KUMAR AGRAWAL	Data Analytics Application in power system operations
196.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Power System Operation
197.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Big Data Analytics for Power Systems
198.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Cyber Security
199.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Renewable Integration
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201.	ELECTRICAL ENGINEERING	DR. VINAY PRATAP SINGH	Control Applications
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203.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Advanced devices for radiation hardened circuits
204.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Photonics based Bio-sensors

205.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	All-optical systems for generative AI applications
206.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Microwave Imaging
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208.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	AI/ ML/Optimization in Digital Signal Processing including EEG/EMG/ECG/ Digital Filter and Multirate System
209.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	AI/ ML/Optimization in 5G/Wireless/Cognitive radio including Spectrum Sensing/Management/Access
210.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Optimization Algorithms and its Application in Filterbank Design
211.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	DSP Applications with Speech/Image
212.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. DEEPAK BHARTI	Analog microelectronic devices
213.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	Data Clustering Techniques in 5G and 6G Communication
214.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	AI algorithms for Wireless Sensor Networks
215.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	Use LLMs to automate network configuration, management, and connectivity - Natural language to API/CLI translation
216.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	Apply LLMs to analyze, classify, and predict network traffic patterns for better resource allocation and Quality of Service (QoS)
217.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	Intrusion detection systems using LLMs to analyze and understand complex network traffic patterns for anomaly detection and threat identification
218.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. TARUN VARMA	LLM backed intent-based networking to meet networking goals and device configuration
219.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Antenna Design/ FSS/Absorbers/Rasorbers for 5G/6G mm wave Communication using AI and ML
220.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Study and design of the nature and structure of human intelligence using the Cognitive Architecture
221.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Quad antenna design for satellite communication
222.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Antenna for 5G/6G Applications

223.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Dielectric Resonator Antennas for THz applications
224.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RITU SHARMA	Fabrication of Hybrid peiezoelctric and triboelctric energy harvester
225.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RITU SHARMA	Flexible electronics for 5G and 6 G application
226.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	AI/ML in Healthcare
227.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	Security in Cyber Physical System
228.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	Artificial Intelligence for EDGE IoT and applications
229.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	LLM for VLSI system design
230.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	Analog Integrated Circuits
231.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. D. BOOLCHANDANI	MEMS based sensor
232.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Analog and Digital VLSI Design
233.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation
234.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Mixed Signal Integrated Circuits
235.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Millimeter Wave Radar Sensing Circuits
236.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Artificial Intelligence for Biomedical Applications
237.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Artificial Intelligence applications in Wireless Communication
238.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	High-Throughput Satellite Constellations and Photonics-Enabled Deep Learning
239.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	AI-Driven Process Optimization for High-Throughput and Cost Reduction in Solar Photovoltaics
240.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. LAVA BHARGAVA	AI application in Unmanned Aerial systems(drones)

241.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. LAVA BHARGAVA	AI-driven Methane sensor using Nanostructured Materials(TFTs) for Ultra-Sensitive and cost effective detection
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253.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Operations Analytics
254.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	IIoT
255.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Industry 4.0/5.0
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259.	MANAGEMENT STUDIES	DR. MONICA SHARMA	Sustainable Supply Chain Management
260.	MANAGEMENT STUDIES	DR. MONICA SHARMA	Entrepreneurship
261.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Designing Sustainable Products as a Service model

262.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Business Analytics for Sustainability and Circular Economy
263.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Supply chain analytics
264.	MATERIAL RESEARCH CENTER	DR. NISHA VERMA	DFT assisted exploration of novel materials for Energy storage application
265.	MATERIAL RESEARCH CENTER	DR. NISHA VERMA	DFT assisted exploration of novel materials for thermoelectric application
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267.	MECHANICAL ENGINEERING	DR. ANUP MALIK	Fabrication & Characterization of Composite Materials
268.	MECHANICAL ENGINEERING	DR. HARLAL SINGH MALI	High Performance Hybrid Textile Composite and Ceramic Materials.
269.	MECHANICAL ENGINEERING	DR. HARLAL SINGH MALI	Development of Body Armour using Hybrid Textile Composite and Ceramic Materials
270.	MECHANICAL ENGINEERING	DR. HARLAL SINGH MALI	Additive Manufacturing/Micromachining/Abrasive Flow Finishing/FRP Machining/Hybrid Machining
271.	MECHANICAL ENGINEERING	DR. HARLAL SINGH MALI	Prosthetic (Jaipur Foot) or Orthotic (Knee/Ankle) devices Development
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274.	MECHANICAL ENGINEERING	DR. PANKAJ KUMAR GUPTA	Investigations on WAAM
275.	MECHANICAL ENGINEERING	DR. DINESH KUMAR	Phase-Field Modeling of Mixed-Mode Delamination and Matrix Cracking in Fiber-Reinforced Composites
276.	MECHANICAL ENGINEERING	DR. DINESH KUMAR	Phase-Field Modeling of Crack Propagation in Cortical Bone Under Cyclic Loading
277.	MECHANICAL ENGINEERING	DR. JYOTIRMAY MATHUR	Energy efficiency in air conditioning systems
278.	MECHANICAL ENGINEERING	DR. JYOTIRMAY MATHUR	Thermal comfort analysis in green buildings
279.	MECHANICAL ENGINEERING	DR. JYOTIRMAY MATHUR	Advanced evaporative cooling
280.	MECHANICAL ENGINEERING	DR. AMIT ARORA	Compact heat exchangers
281.	MECHANICAL ENGINEERING	DR. AMIT ARORA	Waste heat management (EV battery/ Electronics heat)
282.	MECHANICAL ENGINEERING	DR. AMIT ARORA	Solar energy

283.	MECHANICAL ENGINEERING	DR. AMIT ARORA	Solar drying
284.	MECHANICAL ENGINEERING	DR. G. D. AGARWAL	Study on Field Challenges and Practical Solutions for Solar Power Generation.
285.	MECHANICAL ENGINEERING	DR. G. D. AGARWAL	Life Cycle Analysis (LCA), Environmental and Energy Impacts of Used Electrical Battery.
286.	MECHANICAL ENGINEERING	DR. G. D. AGARWAL	Circular Economy Conceptualization for lithium-ion batteries material procurement and disposal process
287.	MECHANICAL ENGINEERING	DR. MANISH KUMAR	Design and Performance Evaluation of TPMS-Inspired Heat Exchangers for Non-Newtonian Fluid Flow
288.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Circular Economy in Steel Production
289.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Modelling the impact of Industry 4.0 on the sustainability of Indian SMEs
290.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Impact of industry 4.0 on supply chain traceability
291.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Smart Technologies enabled Sustainability
292.	MECHANICAL ENGINEERING	DR. YASHWANT KOLI	Dissimilar metal joining of SS and Inconel using GMAW machine
293.	MECHANICAL ENGINEERING	DR. YASHWANT KOLI	Welding defects detection using AI/ML
294.	MECHANICAL ENGINEERING	DR. YASHWANT KOLI	Optimized layer deposition using AI/ML in wire arc additive manufacturing
295.	MECHANICAL ENGINEERING	DR. YASHWANT KOLI	Diffusion bonding of additively manufactured components for heat exchanger application
296.	MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Design of Advanced Multiphase Materials for Defence Application
297.	MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Design of Impact-Resistant Materials for Protective Applications
298.	MECHANICAL ENGINEERING	DR. AMAR PATNAIK	Enhancement of Tribological Performance of Composite Coatings
299.	MECHANICAL ENGINEERING	DR. AMAR PATNAIK	AI/ML-Driven Tribological Analysis of Metal Matrix Composites
300.	MECHANICAL ENGINEERING	DR. ANOJ MEENA	Fabrication and Characterization of polymer composite through 3D printing.
301.	MECHANICAL ENGINEERING	DR. ANOJ MEENA	Development and characterization of metal matrix composite.
302.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Acoustic Levitation
303.	MECHANICAL ENGINEERING	DR. PREETI GULIA	structure health monitoring

304.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Vibro-acoustic metamaterial
305.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Green Noise control
306.	MECHANICAL ENGINEERING	DR. MAKKHAN LAL MEENA	Ergonomic intervention in handicraft industries
307.	MECHANICAL ENGINEERING	DR. MAKKHAN LAL MEENA	Designing Ergonomic Tools and Work Practices for Small-Scale Rural Industries
308.	MECHANICAL ENGINEERING	DR. MAKKHAN LAL MEENA	Sustainable Ergonomic Solutions for Reducing Musculoskeletal Disorders in Rural Craftsmanship
309.	MECHANICAL ENGINEERING	DR. MAKKHAN LAL MEENA	Optimizing Work Systems through Sustainable Ergonomic Approaches in Small-Scale Industries
310.	MECHANICAL ENGINEERING	DR. MANJINDER SINGH	Heat transfer
311.	MECHANICAL ENGINEERING	DR. MANJINDER SINGH	Fluid Structure Interaction
312.	MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Multifunctional fiber reinforced polymer composites with 3d reinforced graphene nanoflakes
313.	MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Mechanical performance of nano-particle modified FRP composites for marine applications
314.	MECHANICAL ENGINEERING	DR. MUKESH KUMAR	Tribology study of polymeric coatings
315.	MECHANICAL ENGINEERING	DR. MUKESH KUMAR	Tribology study of polymer composites
316.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SREEKUMAR VADAKKE MADAM	Studies on the formation of NbTi alloys and their properties
317.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SREEKUMAR VADAKKE MADAM	Synthesis of NbZrTi alloy powders by a novel method
318.	METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Development of magnesium alloys for automotive applications
319.	METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Development of high-strength aluminium alloys for aerospace applications
320.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Heat treatment of nickel base superalloys
321.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Heat treatment of precipitation hardened stainless steel
322.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	development of high entropy alloys
323.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Mechanical behaviour of PH stainless steel

324.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Nanomaterials for electronic applications
325.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Polymer nanocomposites for aerospace applications
326.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJENDRA KUMAR GOYAL	Study of Radiation on Aluminum Alloys/Nanocomposites
327.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJENDRA KUMAR GOYAL	Additive Manufacturing of Polymeric Composites for Aerospace Application
328.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	Ni based superalloys
329.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	Beta Ti alloy
330.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	High strength steel
331.	METALLURGICAL AND MATERIALS ENGINEERING	DR. AJAYA KUMAR PRADHAN	Development of light weight alloys for transportation industry
332.	METALLURGICAL AND MATERIALS ENGINEERING	DR. ABHISHEK TRIPATHI	Development of Titanium Alloys for Bio medical applications
333.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BRIJ MOHAN MUNDOTIYA	Tribological studies of the alloy coatings for high temperature applications
334.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BRIJ MOHAN MUNDOTIYA	Corrosion studies of the composite coatings for marine applications
335.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Corrosion and wear resistance coatings
336.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Extraction of valuable materials from waste
337.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Development of steel nanocomposites for nuclear power plant applications
338.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Development of Advanced high strength steels
339.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	High Temperature Oxidation Resistant Coating Materials
340.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Development of coatings for mesh electrodes
341.	METALLURGICAL AND MATERIALS ENGINEERING	DR. MANJESH KUMAR MISHRA	Friction Welding of Superalloy: Microstructure and Mechanical Behaviour

342.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KRISHNA KUMAR	High Entropy alloy coating on Steel Substrate
343.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KRISHNA KUMAR	Mechanical Property Evaluation of Shape Memory Polymer Composite
344.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Earthquake Engineering and Mathematical Models
345.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. M. K. SHRIMALI	Structural Dynamics and Mathematical Models
346.	PHYSICS	DR. RAHUL SINGHAL	Organic Solar Cell
347.	PHYSICS	DR. RAHUL SINGHAL	Metal-Fullerene nanocomposite
348.	PHYSICS	DR. RAHUL SINGHAL	rGO based Electrochemical Sensor for determination of different drugs
349.	PHYSICS	DR. RAHUL SINGHAL	Ion beam irradiation of thin films

Table 4. FULL TIME WITH OWN SCHOLARSHIP (NET JRF/CSIR JRF/ VISVESVARAYA C2S SCHEME/ETC..)

S.No.	Department/Centre	Faculty Name	Tentative Research Area of proposed Ph.D.
1.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. VIVEKANAND	Bioenergy
2.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Hydrogen production via nonthermal plasma
3.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	BESS system design
4.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Battery module fault detection
5.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Waste-to-Nano: Fabrication of High-Performance Electrospun Fibers from Recycled Polymers and Biomass Derivatives
6.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Design and Optimization of Circular Material Loops: Waste-Derived Precursors for Electrospun Nanofibers
7.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. KAPIL PAREEK	Electrospining of waste materials
8.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Building integrated solar photovoltaic system
9.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Different transparent materials for radiative cooling

10.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Battery Thermal Management
11.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Building Energy Management
12.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Solar PV research
13.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. SUNANDA SINHA	Sustainability using Renewable Energy
14.	CHEMICAL ENGINEERING	DR. HRUSHIKESH MADHUSUDAN GADE	Molecular dynamics investigations for biopolymer-based novel materials development using self-assembly approach.
15.	CHEMICAL ENGINEERING	DR. HRUSHIKESH MADHUSUDAN GADE	Machine learning-integrated molecular dynamics for accelerated material discovery and design
16.	CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Sustainable Catalytic Conversion for Renewable Fuels and Chemicals
17.	CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Advanced Catalysis for Environmental Pollutants mitigation
18.	CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Microalgae Biorefineries: From Cultivation to Value-Added Products
19.	CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Waste Water Treatment by Electrochemical Methods
20.	CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Novel Materials for Environmental Application
21.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Catalytic Conversion of Glycerol into Value-Added Chemicals via Heterogeneous Catalysis: Process Development and Optimization
22.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Development of Bifunctional Catalysts for One-Pot Conversion of Glycerol to Lactic Acid and Other Oxygenates
23.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Photocatalytic Oxidation of Glycerol to Dihydroxyacetone and Glyceric Acid Using Semiconductor Catalysts
24.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Development of Visible-Light-Active Heterojunction Photocatalysts for Efficient Degradation of Organic Pollutants in Wastewater
25.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Catalyst Synthesis
26.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Advanced Materials
27.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Water/wastewater treatment
28.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Chemical Synthesis
29.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Waste Management

30.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Biological Methos for waste/water Treatment
31.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Tailored Metal Organic Framework (MOF) Nanoparticles for Gas Storage Applications
32.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Electrochemical Anaerobic Membrane Bioreactor for Treatment of Dye-Contaminated Wastewater
33.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Application of Machine Learning for Predicting Biogas Yield and Membrane Fouling in Anaerobic Membrane Bioreactor
34.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Nanocomposite Polymeric Membranes for Separation Applications
35.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Degradation studies of biobased polymers and synthetic polymers
36.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Catalytic processing of plastic waste
37.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Hydrogen production from plastic waste pyrolysis
38.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Bio-based chemicals from renewable biomass
39.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Waste lubricating oil treatment by extraction and adsorption
40.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Innovations in natural dye production
41.	CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Density Functional Theory (DFT) Investigation of Carbon Dioxide Conversion into Industrial Important Chemicals
42.	CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Development of Supercapacitors from Agricultural Waste-Derived Carbon Materials
43.	CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Development of Mesoporous Silica Catalysts from Agricultural Waste for the Synthesis of Industrially Important Chemicals
44.	CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Synthesis of Plant-Based Nanomaterials for Targeted Drug Delivery Applications
45.	CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Novel Catalytic Up-Conversion of Biomass to Value Added Chemicals
46.	CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Development of Biodegradable Electrochemical Sensors for Environmental Applications
47.	CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Catalytic Conversion of Biomass to Jet Fuel
48.	CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Treatment of Non-Biodegradable Wastewater Using Advanced Oxidation Processes (AOPs)
49.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Heterogeneous Catalyst based Acetic acid-Ethanol Esterification Reaction in micro-reactors
50.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Carbon dioxide capture and conversion by Electrochemical Methods and Environmentally

			Friendly Solvents
51.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Liquid-liquid equilibrium and extraction studies using deep eutectic solvents
52.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Process intensification of extraction process for the separation of carboxylic acids from fermentation broths
53.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Extractive distillation in microchannel reactors
54.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Reactive distillation in microchannels
55.	CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Smart Circularity in Energy Storage: Critical Metal Recovery from Lithium-ion Battery Waste in a Closed System
56.	CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Rare Earth and Precious Metal Recovery from Electronic Waste for India's Metal Security
57.	CHEMICAL ENGINEERING	DR. NEETU KUMARI	Electrochemical performance assessment of proton conducting solid oxide electrolysis/fuel cell
58.	CHEMICAL ENGINEERING	DR. NEETU KUMARI	Design of effective materials for energy storage devices using AI-ML tools
59.	CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Thermochemical conversion of CO2 to C2+ oxygenates over nanostructured catalysts
60.	CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Metal-based waste materials for catalyzing CO2 reduction reactions
61.	CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Indoor air quality management
62.	CHEMICAL ENGINEERING	DR. MANISH VASHISHTHA	Biomass Valorization
63.	CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Development of Photovoltaic materials and solar cells (with Dept. of Chemistry)
64.	CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Development of advanced triboelectric nanogenerators (with Dept. of Physics)
65.	CHEMICAL ENGINEERING	DR. SUJA GEORGE	Advanced & Sustainable Process Intensified Techniques for dye wastewater treatment
66.	CHEMICAL ENGINEERING	DR. SUJA GEORGE	Sustainable Separation techniques for treatment and recovery of wastewater
67.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Rare Metal Extraction from wastewater using membrane Technique
68.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Production of Green Hydrogen for Biowaste
69.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	Reuse of biowaste in wastewater treatment
70.	CHEMICAL ENGINEERING	DR. RAJEEV KUMAR DOHARE	AI-ML based Simulation Study of Reactive Divided Wall Distillation Column

71.	CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAY	Development of Membranes for Selective Ethanol Separation for Membrane Bioreactors applications
72.	CHEMICAL ENGINEERING	DR. SUSHANT UPADHYAY	Design and Optimization of Novel Electrowinning Systems for Sustainable Precious Metal Recovery from E-waste
73.	CHEMISTRY	DR. BIMAN BANDYOPADHYAY	Matrix isolation IR spectroscopy of noncovalent interactions
74.	CHEMISTRY	DR. BIMAN BANDYOPADHYAY	IR Spectroscopy of astrochemically important molecules
75.	CHEMISTRY	DR. ABHINEET VERMA	Study of antenna effects, energy transfer, and aggregation-induced emission (AIE).
76.	CHEMISTRY	DR. ABHINEET VERMA	Design and synthesis of metal complexes showing visible and NIR luminescence.
77.	CHEMISTRY	DR. ABHINEET VERMA	Applications in OLEDs, bioimaging, or chemical sensing.
78.	CHEMISTRY	DR. ABHINEET VERMA	Investigation of single-molecule magnets (SMMs) and spin crossover compounds.
79.	CHEMISTRY	DR. ABHINEET VERMA	Applications in molecular recognition, sensing, and small-molecule activation.
80.	CHEMISTRY	DR. ABHINEET VERMA	Investigation of cation–anion interactions, hydrogen bonding, and π–π stacking in ILs.
81.	CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Cancer Drugs (Photodynamic Therapy: Synthetic and Photo-Chemistry of Organic and Inorganic molecules)
82.	CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Photo-Catalyst for Hydrogen Production
83.	CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Solar Cells (Synthetic Chemistry: Novel Organic and Inorganic Molecules and Device Studies)
84.	CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Nanomaterials: Photoelectrodes preparation for solar energy devices
85.	CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Computational Chemistry: Electronic structure calculations using ORCA
86.	CHEMISTRY	DR. ABBAS RAJA NAZIRUDDIN	Organic Synthesis: Syntheses of "Haem" like structures and other organic molecules for Solar Devices
87.	CHEMISTRY	DR. RAHUL	Development of chemical sensors for gasotransmitters and biothiols
88.	CHEMISTRY	DR. RAHUL	Development of fluorogenic dyes for photodynamic therapy
89.	CHEMISTRY	DR. RAHUL	Devlopment of gold nanoparticles for the drug delivery in inflammatory diseases
90.	CHEMISTRY	DR. RAHUL	Chemical Sensors

91.	CHEMISTRY	DR. RAHUL	Drug delivery systems
92.	CHEMISTRY	DR. RAHUL	Water oxidation catalysis
93.	CHEMISTRY	DR. SUMIT KUMAR SONKAR	Room Temperature Ammonia Synthesis
94.	CHEMISTRY	DR. SUMIT KUMAR SONKAR	Iron Nanoparticles and Their Application in Carbon Dioxide Reduction Reactions
95.	CHEMISTRY	DR. SUMIT KUMAR SONKAR	Carbon Nanomaterials: Synthesis and Applications
96.	CHEMISTRY	DR. SUMIT KUMAR SONKAR	Artificial Photosynthesis for CO2 Conversion Applications
97.	CHEMISTRY	DR. SUMIT KUMAR SONKAR	Waste Marble Slurry Dust to C1-C2 Green Fuels
98.	CHEMISTRY	DR. SUMIT KUMAR SONKAR	Biomass Based Nanoparticles for Energy Applications
99.	CHEMISTRY	DR. MANVIRI RANI	Biosourced nanomaterials synthesis for catalytic applications
100.	CHEMISTRY	DR. MANVIRI RANI	Green functionalized nanocoatings
101.	CHEMISTRY	DR. SUMANTA KUMAR MEHER	Nanomaterials for Clean Energy and Environment
102.	CHEMISTRY	DR. SUMANTA KUMAR MEHER	Sustainable Nanomaterials for Energy Storage Applications
103.	CHEMISTRY	DR. SUMANTA KUMAR MEHER	Novel Nanomaterials for Hydrogen Production
104.	CHEMISTRY	DR. SUMANTA KUMAR MEHER	Nanomaterials for batteries and supercapacitors
105.	CHEMISTRY	DR. SUMANTA KUMAR MEHER	Nanomaterials for Overall Water Splitting
106.	CHEMISTRY	DR. SUMANTA KUMAR MEHER	Nanomaterials as Catalysts for Fuel Cells
107.	CHEMISTRY	DR. BARUN JANA	Organometallic Chemistry
108.	CHEMISTRY	DR. BARUN JANA	Transition Metal Catalysis in Organic Transformation Reactions
109.	CHEMISTRY	DR. BARUN JANA	Metal-Organic-Framework (MOF) for Organic Transformation Reactions
110.	CHEMISTRY	DR. BARUN JANA	Metal-Organic-Framework (MOF) for In-Organic Transformation Reactions
111.	CHEMISTRY	DR. PAWAN REKHA	Unlocking the potential of acidic-basic catalytic sites for chemical fixation of CO2

112.	CHEMISTRY	DR. PAWAN REKHA	Functionalized nanoporous materials for waste water remediation
113.	CHEMISTRY	DR. PAWAN REKHA	Transition metal based hybrid materials for energy and environmental applications
114.	CHEMISTRY	DR. PAWAN REKHA	Metal phosphonate/phosphate derived materials for hydrogen generation
115.	CHEMISTRY	DR. PRADEEP KUMAR	Artificial intelligence in Computational biology
116.	CHEMISTRY	DR. PRADEEP KUMAR	Machine Learning in Chemical Dynamics
117.	CHEMISTRY	DR. PRADEEP KUMAR	Computational design of Catalysis for Sustainable Energy
118.	CHEMISTRY	DR. SUDHIR KASHYAP	Computational and Experimental Studies on Stereocontrolled Glycosylation and Organometallic Transformations
119.	CHEMISTRY	DR. SUDHIR KASHYAP	Designing Metal- and Organocatalyzed Strategies for Stereoselective C–O, C–C, and C–N Bond Formation
120.	CHEMISTRY	DR. SUDHIR KASHYAP	Mechanistic and DFT Insights into Transition-Metal and Organocatalytic Pathways for Sustainable Chemistry
121.	CHEMISTRY	DR. SUDHIR KASHYAP	Hybrid Catalytic Approaches: Integrating Organometallic, Organocatalytic, and Photo/Electrochemical Strategies
122.	CHEMISTRY	DR. SUDHIR KASHYAP	Developing Green and Nobel Chemical Transformations (Mizoroki-Heck-Suzuki-Miyaura)
123.	CHEMISTRY	DR. SUDHIR KASHYAP	Molecular Modelling and Organometallic Design for Carbohydrate-Derived Medicinally Relevant Scaffolds
124.	CHEMISTRY	DR. RAJ KUMAR JOSHI	Harvesting the greener techniques for the selective reduction of unsaturated hydrocarbons.
125.	CHEMISTRY	DR. RAJ KUMAR JOSHI	Development of Environmentally benign facile techniques for metal mediated reduction of organics.
126.	CHEMISTRY	DR. RAJ KUMAR JOSHI	Unprecedented catalytic strategies for the novel organic transformations.
127.	CHEMISTRY	DR. RAJ KUMAR JOSHI	Metalcarbonyl mediated novel catalytic organic transformations
128.	CIVIL ENGINEERING	DR. UTTAM SINGH	Saltwater intrusion in groundwater
129.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Climate Change Impact Assessment on Surface Water Vulnerability
130.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Assessment of Climate Variability on Surface Water Availability in Urban Watersheds
131.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Integrated Hydrodynamic Modelling of River Basins

132.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Machine Learning Approaches for Streamflow Predictions
133.	CIVIL ENGINEERING	DR. RUCHI SHARMA	AI-Based Air Quality Forecasting System
134.	CIVIL ENGINEERING	DR. RUCHI SHARMA	Air Pollution and Human Health Risk Assessment
135.	CIVIL ENGINEERING	DR. HIMANSHU ARORA	GIS & Machine Learning Applications for Spatio-Temporal Hydro-Environmental Predictions.
136.	CIVIL ENGINEERING	DR. HIMANSHU ARORA	Multivariate Statistical Methods for Hydrological assessment.
137.	CIVIL ENGINEERING	DR. LEELAMBAR SINGH	Hydrrological modeling
138.	COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	AI and ML applications in Healthcare
139.	COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	AI and ML applications in Agriculture
140.	COMPUTER SCIENCE AND ENGINEERING	DR. YOGESH KUMAR MEENA	Natural Language Processing
141.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Artificial Intelligence and Machine Learning
142.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Deep learning and pattern recognition.
143.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Generative AI and Natural Language processing
144.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Satellite imaging and computer vision.
145.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Optimisation algorithms and hybrid intelligent systems.
146.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Smart farming and other agricultural applications.
147.	COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Multimodal Artificial Intelligence
148.	COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Natural Language Processing in collaboration with IBM Research Labs
149.	COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	Adversarial AI and Defense Strategies in Cyber Systems
150.	COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	Zero-Day Attack Prediction using Deep Learning
151.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Crop monitoring using computer vision
152.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Plant leaf disease detection using AI

153.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Big Data clustering
154.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	Satellite image processing
155.	COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Deep Learning in Medical Imaging, Medical Image Segmentation for Cancer Diagnosis, Computer-aided detection and diagnosis
156.	COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Explainable machine/deep learning, Anomaly Detection in Images and Videos
157.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Visulization of Malware binaries for Static Analysis
158.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Hardening BPF against Transient Execution Attacks
159.	COMPUTER SCIENCE AND ENGINEERING	DR. GIRDHARI SINGH	software engineering and machine learning
160.	COMPUTER SCIENCE AND ENGINEERING	DR. GIRDHARI SINGH	software testing and machine learning
161.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Machine Learning and Security
162.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Explanable AI for Next Generation Networks
163.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Blockchain and Its security
164.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	AI for Intrusion Detection & Prevention Systems
165.	COMPUTER SCIENCE AND ENGINEERING	DR. MEENAKSHI TRIPATHI	Quantum Machine Learning (QML)
166.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Next generation Vehicular Ad hoc Networks
167.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Artificial Intelligence for Network Security
168.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Federated Learning based Security solutions
169.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Ethical and Trusted AI driven framework for Network Security
170.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Artificial Intelligence based Anomaly detection
171.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Explainable AI for Vehicular IDS
172.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	AI for Cyber Physical Systems
173.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Hierarchical AI models for explainability

174.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	AI for Cybersecurity
175.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Privacy preservation in AI/ML Models
176.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Machine unlearning
177.	COMPUTER SCIENCE AND ENGINEERING	DR. VIJAY LAXMI	Agentic AI
178.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Generative AI and Large Language Models in Education
179.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs
180.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Social Network Analysis using Graph Neural Networks (GNNs)
181.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Enhancing Generative AI using Graph Neural Networks
182.	COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	AI-Powered Multimodal Text Understanding and Summarization for Precision Agriculture
183.	COMPUTER SCIENCE AND ENGINEERING	DR. NAMITA MITTAL	AI-Based Multimodal Text Mining and Summarization for Sustainable Agricultural Supply Chains
184.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Federated learning and edge computing
185.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Machine learning, Deep learning and Advanced Algorithms for traffic analysis in Elastic Optical Networks-(EON)
186.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Machine learning and deep learning for Security
187.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Modelling optimisation problems using advanced algorithmic paradigms
188.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Gen AI, Content generation, fake data detection
189.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Hallucination mitigation
190.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Fake data detection, AI, ML
191.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	AI, ML and GenAI
192.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Gen AI, AI, ML
193.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	AI, and ML
194.	ELECTRICAL ENGINEERING	DR. RAJIVE TIWARI	Electric vehicle

195.	ELECTRICAL ENGINEERING	DR. RAJIVE TIWARI	Renewable integration
196.	ELECTRICAL ENGINEERING	DR. SATISH SHARMA	Power system Optimization
197.	ELECTRICAL ENGINEERING	DR. SATISH SHARMA	EV integration to Power system
198.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Data Analytics for Smart Grids
199.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Digital Twins for Power Systems
200.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	AI applications to Power Systems
201.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Demand Response from Electrical Consumers
202.	ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	Applications of Signal processing in Power Systems, Electric Vehicles, biomedical or image processing **(VISVESVARAYA C2S)**
203.	ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	Application of Machine learning with Optimisation in mmwave radar **(VISVESVARAYA C2S)**
204.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Analog and Digital VLSI Design **(VISVESVARAYA C2S)**
205.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Nsnoelectronics Device Modelling and Simulation **(VISVESVARAYA C2S)**
206.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Device applications to AI Hardware accelerators
207.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Advanced devices for radiation hardened circuits
208.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Photonic Devices and Circuits for environmental sensing applications
209.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Use of AL/ML for performance enhancement of Photonic Circuits
210.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Quantum computing circuits
211.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. GHANSHYAM SINGH	Design and analysis of components for Integrated Photonic circuits for Quantum applications
212.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Radiation and Scattering
213.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Quantum Computing

214.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAVI KUMAR MADDILA	Design and Development of Indoor Optical Wireless Communication System
215.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAVI KUMAR MADDILA	Design and Development of Indoor Optical Wireless Communication Link
216.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	AI/ ML/Optimization in Digital Signal Processing including EEG/EMG/ECG/ Digital Filter and Multirate System
217.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	AI/ ML/Optimization in 5G/Wireless/Cognitive radio including Spectrum Sensing/Management/Access
218.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Optimization Algorithms and its Application in Filterbank Design
219.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	DSP Applications with Speech/Image
220.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	Resource optimization in Digital Filter/ Filterbank design in Verilog
221.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. DEEPAK BHARTI	Analog microelectronic devices
222.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	Data Clustering Techniques in 5G and 6G Communication
223.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	AI algorithms for Wireless Sensor Networks
224.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Antenna Design/ FSS/Absorbers/Rasorbers for 5G/6G mm wave Communication using AI and ML
225.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Study and design of the nature and structure of human intelligence using the Cognitive Architecture
226.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Quad antenna design for satellite communication
227.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Antenna for 5G/6G Applications
228.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Dielectric Resonator Antennas for THz applications
229.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	AI/ML in Healthcare
230.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. AMIT MAHESH JOSHI	Security in Cyber Physical System
231.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	Artificial Intelligence for EDGE IoT and applications

232.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	LLM for VLSI system design
233.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Analog and Digital VLSI Design
234.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation
235.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Mixed Signal Integrated Circuits
236.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Microelectronic Devices & Circuits
237.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	RF Integrated Circuits
238.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Artificial Intelligence for Biomedical Applications
239.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	Optical Communication and Photonics: Application of Machine Learning in Space Communication
240.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	Modeling, Design, and Performance Evaluation of optical networks
241.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VIJAY JANYANI	ree-Space Optical Communication: Channel Modeling, Adaptive Optics, and Performance Enhancement for Terrestrial and Aerial Links
242.	HUMANITIES AND SOCIAL SCIENCE	DR. DIPTI SHARMA	Energy Economics
243.	HUMANITIES AND SOCIAL SCIENCE	DR. DIPTI SHARMA	Power Sector Restructuring and Reforms
244.	HUMANITIES AND SOCIAL SCIENCE	DR. DIPTI SHARMA	Sustainable Development
245.	HUMANITIES AND SOCIAL SCIENCE	DR. DIPTI SHARMA	Green Economics
246.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Sociology: education and gender, social change and development
247.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Sociology: Digital Inequalities and marginalisation, social and cultural change
248.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Sociology: Rural and urban development, public policy
249.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI BANSAL	Sociology: Aging and society, social change and development
250.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	Behavioral Economics
251.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	Happiness and Well-being Economics

252.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	Applied Microeconomics and Macroeconomics
253.	HUMANITIES AND SOCIAL SCIENCE	DR. NIDHI SHARMA	Development Economics
254.	HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	Contemporary Indian Literature
255.	HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	Gender Studies
256.	HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	English Language Teaching
257.	HUMANITIES AND SOCIAL SCIENCE	DR. NIRAJA SARASWAT	Disability Studies
258.	HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Cinema Studies
259.	HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Environmental Humanities
260.	HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Literature of the Marginalized
261.	HUMANITIES AND SOCIAL SCIENCE	DR. PREETI BHATT	Literature and Culture
262.	HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Judiciary
263.	HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Indian Constitution and Politics
264.	HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	International Relations
265.	HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Governance and Public Policy
266.	HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Political Theory
267.	HUMANITIES AND SOCIAL SCIENCE	DR. VIBHUTI SINGH SHEKHAWAT	Public Administration
268.	HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Indian Writing in English
269.	HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Culture, Language and Identity
270.	HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Writings of the Diaspora
271.	HUMANITIES AND SOCIAL SCIENCE	DR. NUPUR TANDON	Gender and Identity
272.	MANAGEMENT STUDIES	DR. RITIKA MAHAJAN	Strategic Management

273.	MANAGEMENT STUDIES	DR. RITIKA MAHAJAN	CSR, Sustainability and Circular Economy
274.	MANAGEMENT STUDIES	DR. SHWETA SHARMA	Corporate Finance
275.	MANAGEMENT STUDIES	DR. SHWETA SHARMA	Environmental and Resource Economics
276.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Sustainability and Green Marketing
277.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Digital Marketing
278.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Dynamic Pricing
279.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Marketing Strategies through Social Welfare Schemes
280.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Marketing Practices in Industry 5.0.
281.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Influencer Marketing
282.	MANAGEMENT STUDIES	DR. DEEPAK VERMA	Issues in Technology Adoption / Digital Environments
283.	MANAGEMENT STUDIES	DR. DEEPAK VERMA	Consumer Trust in AI-Driven Marketing
284.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Business Analytics
285.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Operations Analytics
286.	MANAGEMENT STUDIES	DR. DIVESH KUMAR	Marketing for sustainable products
287.	MANAGEMENT STUDIES	DR. DIVESH KUMAR	Consumer behavior for sustainable products
288.	MANAGEMENT STUDIES	DR. DIVESH KUMAR	Supply chain sustainability
289.	MANAGEMENT STUDIES	DR. DIVESH KUMAR	Value co-creation for sustainable products
290.	MANAGEMENT STUDIES	DR. DIVESH KUMAR	Digital marketing for sustainable products
291.	MANAGEMENT STUDIES	DR. DIVESH KUMAR	Service supply chain
292.	MANAGEMENT STUDIES	DR. SHRIDEV	CORPORATE FINANCE
293.	MANAGEMENT STUDIES	DR. SHRIDEV	CAPITAL MARKET

294.	MANAGEMENT STUDIES	DR. REETA SINGH	Work- Life Balance
295.	MANAGEMENT STUDIES	DR. REETA SINGH	Hybrid work Model and Employee Engagement
296.	MANAGEMENT STUDIES	DR. REETA SINGH	HRM in Startups
297.	MANAGEMENT STUDIES	DR. REETA SINGH	Strategic HRM
298.	MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Positive Organizational Behavior
299.	MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Mindfulness and Well-Being
300.	MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Digital Transformation and Employee behavior
301.	MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Organization Agility and Employee Behavior
302.	MANAGEMENT STUDIES	DR. MONICA SHARMA	Agribusiness Supply Chain Management
303.	MANAGEMENT STUDIES	DR. MONICA SHARMA	Sustainable Supply Chain Management
304.	MANAGEMENT STUDIES	DR. MONICA SHARMA	Entrepreneurship
305.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Business Analytics for Sustainability and Circular Economy
306.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Battery Waste management
307.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Supply chain analytics
308.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	consumer perspective towards Circular economy
309.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	E-waste Management and policy updation
310.	MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Nanoscale materials for optical sensing of metal ions and biomolecules
311.	MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Hybrid Nanomaterials for Multifunctional Applications
312.	MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Supramolecular metallogels for electronic Applications
313.	MATERIAL RESEARCH CENTER	DR. NISHA VERMA	Processing and Characterization of Oxide Ceramics
314.	MATERIAL RESEARCH CENTER	DR. NISHA VERMA	2D/Nanomaterials for Energy Application

315.	MATHEMATICS	DR. OM P. SUTHAR	Mathematical modeling and numerical simulation of fluid flows
316.	MATHEMATICS	DR. OM P. SUTHAR	Finite Element Modeling of Flow and Heat Transfer
317.	MATHEMATICS	DR. OM P. SUTHAR	Mathematical Analysis of Dynamical Systems
318.	MATHEMATICS	DR. OM P. SUTHAR	Numerical Study of Ecological Dynamics
319.	MATHEMATICS	DR. SANTOSH CHAUDHARY	Modeling using Differential Equations
320.	MATHEMATICS	DR. SANTOSH CHAUDHARY	Computational study of Partial Differential Equations
321.	MATHEMATICS	DR. PRIYANKA HARJULE	optimization of deep neural networks
322.	MATHEMATICS	DR. VARUN JINDAL	Set-Valued maps and Their Applications
323.	MATHEMATICS	DR. VARUN JINDAL	Topologies on Spaces of Functions
324.	MATHEMATICS	DR. VARUN JINDAL	Hyperspace Topologies
325.	MATHEMATICS	DR. VARUN JINDAL	Locally Convex Spaces
326.	MATHEMATICS	DR. RITU AGARWAL	Fractional dynamical systems and numerical techniques
327.	MATHEMATICS	DR. RITU AGARWAL	Analysis and simulation of mathematical models of fractional order
328.	MATHEMATICS	DR. ANUBHA JINDAL	Topologies on Closed Subsets of a Generalized Metric Space
329.	MATHEMATICS	DR. ANUBHA JINDAL	Function Spaces in Topology
330.	MATHEMATICS	DR. GEETANJALI CHATTOPADHYAY	Thin film flow stability
331.	MATHEMATICS	DR. GEETANJALI CHATTOPADHYAY	Evolution of the free surface in flows over topography
332.	MATHEMATICS	DR. SANJAY BHATTER	Application of fractional calculus and special functions in Mathematical modeling.
333.	MATHEMATICS	DR. SANJAY BHATTER	Study of Generalized Special function and its applications
334.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Integrating lean practices with industry 4.0 technology
335.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Net-Zero Manufacturing: Analysis of Industry 4.0 Implementation

336.	MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Damage Assessment of 3D printed Polymer Composite
337.	MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Design Optimization of Composite Materials for Lightweight Structures
338.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Phononic crystal
339.	MECHANICAL ENGINEERING	DR. PREETI GULIA	acoustic cloaking
340.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Seismic isolation
341.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Active Noise control
342.	MECHANICAL ENGINEERING	DR. PREETI GULIA	architectural acoustics
343.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Environmental acoustics
344.	MECHANICAL ENGINEERING	DR. MANJINDER SINGH	heat Transfer
345.	MECHANICAL ENGINEERING	DR. MANJINDER SINGH	Fluid Structure Interaction
346.	MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Evaluation of sandwich composites with nano-particle modified face sheets for tribological applications
347.	MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Fatigue behaviour of graphene embedded carbon fiber based structural composites
348.	METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Development of high-strength aluminium alloys for aerospace applications
349.	METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Development of magnesium alloys for automotive applications
350.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	Design of an alloy steel
351.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BRIJ MOHAN MUNDOTIYA	Tribological studies of the alloy coatings for high temperature applications
352.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BRIJ MOHAN MUNDOTIYA	Corrosion studies of the composite coatings for marine applications
353.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Developing novel methodologies for corrosion resistance, wear resistance, and selflubricaiting coatings
354.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Waste derived cathode materials for Zn-Ion batteries
355.	PHYSICS	DR. RAHUL SINGHAL	Non Fullerene Acceptor Based Organic Solar Cells
356.	PHYSICS	DR. RAHUL SINGHAL	Metal-Graphene Oxide based electrochemical sensor for determination of doping steroids

357.	PHYSICS	DR. RAHUL SINGHAL	Semitransparent Organics Solar Cell
358.	PHYSICS	DR. RAHUL SINGHAL	Radiation Hardness of Organic Solar Cell
359.	PHYSICS	DR. RAHUL SINGHAL	Au-rGO nanocomposite based Sensors
360.	PHYSICS	DR. RAHUL SINGHAL	Ion Irradiation Studies of Solar Cells
361.	PHYSICS	DR. ANIRBAN DUTTA	Nanogenerators for Energy Harvesting
362.	PHYSICS	DR. ANIRBAN DUTTA	Fabrication of Piezoelectric Nanogenerators for Energy Application
363.	PHYSICS	DR. ANIRBAN DUTTA	Quantum Simulations of Hydrogen Adsorption and Charge Transfer in HER-Active 2D Materials
364.	PHYSICS	DR. ANIRBAN DUTTA	Studies of Hydrogen Evaluation Reaction for Sustainable Hydrogen Production
365.	PHYSICS	DR. ANIRBAN DUTTA	Advanced Fabrication Strategies for High-Efficiency Piezoelectric Nanogenerators in Wearable Energy Systems
366.	PHYSICS	DR. ANIRBAN DUTTA	Experimental Study of HER on Doped 2D Materials for Green Hydrogen Applications
367.	PHYSICS	DR. KAMLENDRA AWASTHI	Development of Flexible and Stretchable Gas Sensors for Wearable Applications
368.	PHYSICS	DR. KAMLENDRA AWASTHI	Functionalized MXene-Polymer Composites for Flexible Gas Sensors
369.	PHYSICS	DR. KAMLENDRA AWASTHI	Development of Flexible and Stretchable Supercapacitors Using Advanced Nanomaterials for Next-Generation Energy Storage
370.	PHYSICS	DR. KAMLENDRA AWASTHI	Flexible Supercapacitors Based on 2D Nanomaterials
371.	PHYSICS	DR. KAMLENDRA AWASTHI	Hydrogen as a Future Fuel: Selective Separation Using Porous and 2D Materials
372.	PHYSICS	DR. KAMLENDRA AWASTHI	Nanostructured Membranes for Hydrogen Purification Toward a Sustainable Hydrogen Economy
373.	PHYSICS	DR. K VENKATARATNAM KAMMA	Exploring modified Gravity Theories through Gravitation Polarization
374.	PHYSICS	DR. K VENKATARATNAM KAMMA	First-Principles Modelling of Charge Storage Mechanisms in Advanced Supercapacitors
375.	PHYSICS	DR. K VENKATARATNAM KAMMA	Dark Energy Signature in Gravitational Waves
376.	PHYSICS	DR. K VENKATARATNAM KAMMA	Density Functional Theory (DFT) Investigation of Carbon Dioxide Conversion into Value-Added Chemicals and Fuel

377.	PHYSICS	DR. DEBASISH SARKAR	Transition metal based electrocatalysts for H2 generation through water splitting
378.	PHYSICS	DR. DEBASISH SARKAR	Development of low-cost electrocatalysts for efficient water splitting
379.	PHYSICS	DR. DEBASISH SARKAR	Biomass derived carbon materials for Zinc-ion hybrid supercapacitors
380.	PHYSICS	DR. DEBASISH SARKAR	Novel nanostructured materials for supercapacitor applications
381.	PHYSICS	DR. MANOJ KUMAR	2D van der Waals Heterostructures for Quantum Sensing
382.	PHYSICS	DR. MANOJ KUMAR	Multiferroic Sensors for Magnetic-field and Pressure Detection
383.	PHYSICS	DR. MANOJ KUMAR	3D Patterning of Metal-Organic Framework Based Electrodes for Energy Applications
384.	PHYSICS	DR. MANOJ KUMAR	3D-Printed Devices for Flexible and Wearable Electronics
385.	PHYSICS	DR. KAVITA LALWANI	Study of Space Weather and Its effects on Spacecraft and its Electronics in the Area of Space Physics
386.	PHYSICS	DR. KAVITA LALWANI	Detector Degradation and Materials under the exposure of Space Radiation in the Area of Space Physics
387.	PHYSICS	DR. KAVITA LALWANI	Applications of Quantum Computing for Space Physics
388.	PHYSICS	DR. KAVITA LALWANI	Applications of Quantum Computing for High Energy Physics
389.	PHYSICS	DR. SRINIVASA RAO NELAMARRI	Investigation of structural and optical properties of quantum dots
390.	PHYSICS	DR. SRINIVASA RAO NELAMARRI	Growth and characterization of nanomaterials for optoelectronic applications
391.	PHYSICS	DR. KAMAKSHI PANDEY	CFD Simulation of Surface Patterned Membranes for Superior Anti-Fouling Performance in Water Treatment.
392.	PHYSICS	DR. KAMAKSHI PANDEY	Environmental impact and recyclability of MOFs based polymeric membranes in pollution remediation
393.	PHYSICS	DR. KAMAKSHI PANDEY	CFD Simulation of respiratory aerodynamics through the airways
394.	PHYSICS	DR. KAMAKSHI PANDEY	Integration of MOF-based membranes into circular economy strategies for environment remediation
395.	PHYSICS	DR. KANUPRIYA SACHDEV	Deep eutectic electrolyte for Na ion battery
396.	PHYSICS	DR. KANUPRIYA SACHDEV	Electrolyte development for Na ion battery

397.	PHYSICS	DR. RAJNISH DHIMAN	Design and development of materials for electrochemical energy conversion applications.
398.	PHYSICS	DR. RAJNISH DHIMAN	Bifunctional Electrocatalysts for Enhanced Oxygen Reduction in Zn-Air Batteries
399.	PHYSICS	DR. RAJNISH DHIMAN	Carbon-based novel cathode materials for gel polymer electrolyte-based electrochemical energy devices.
400.	PHYSICS	DR. RAJNISH DHIMAN	Gel polymer electrolyte materials for Zn-ion batteries.
401.	PHYSICS	DR. SUBHAYAN MANDAL	Classification & clustering of galaxy morphologies by unsupervised ML tools.
402.	PHYSICS	DR. SUBHAYAN MANDAL	Overcoming selection bias & nondetection of distant faint sky objects.
403.	PHYSICS	DR. SUBHAYAN MANDAL	Photometric galaxy redahift study with ML.
404.	PHYSICS	DR. SUBHAYAN MANDAL	Modelling high dimensional non-Gaussianity of galaxy distribution.

Table 5. FOR PART TIME PH.D.(ONLY FOR RESEARCH PERSONNEL PRESENTLY SERVING IN VARIOUS PROJECTS IN MNIT JAIPUR)

S.No.	Department/Centres	Faculty member Name	Tentative Research Area of proposed Ph.D.
1.	ARCHITECTURE AND PLANNING	DR. NAND KUMAR	Integrated Multi Modal Transportation system
2.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Building integrated solar photovoltaic system
3.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Different transparent materials for radiative cooling
4.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Advanced Material for Space Applications
5.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Water/wastewater Treatment
6.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Advanced Oxidation Process
7.	CHEMICAL ENGINEERING	DR. VIKAS KUMAR SANGAL	Water/wastewater treatment using Electrochemical Methods
8.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Material recovery of electronics waste using pyrolysis
9.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Production of H2-rich gas from biomass and plastic co-pyrolysis
10.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Performance evaluation of blended oils in diesel engines

11.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Exploring renewable energy solutions for a greener future
12.	CIVIL ENGINEERING	DR. AMIT KUMAR	Legacy waste treatment
13.	CIVIL ENGINEERING	DR. AMIT KUMAR	E-waste treatment
14.	CIVIL ENGINEERING	DR. SANYAM DANGAYACH	Processed legacy waste for use in pavement construction
15.	CIVIL ENGINEERING	DR. SANYAM DANGAYACH	Use of bacteria in design of lined canals
16.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Artificial Intelligence and Machine Learning
17.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Deep learning and pattern recognition.
18.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Generative AI and Natural Language processing
19.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Satellite imaging and computer vision.
20.	COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Development of Intelligent Multi-Label Ophthalmic Disease Diagnostic Model using Fundus Images
21.	COMPUTER SCIENCE AND ENGINEERING	DR. DEEPAK RANJAN NAYAK	Generative AI for Ophthalmic Imaging
22.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Analyzing Android kernel patch ecosystem
23.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Exploring vulnerabilities in pre-installed android apps
24.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Visulization of Malware binaries for Static Analysis
25.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Hardening BPF against Transient Execution Attacks
26.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Design and Development of Advanced Mobile Security & Analysis Solutions
27.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Android Mobile Vulnerability and Security Analysis Solutions
28.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Development of Android Security Solutions
29.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Mobile Security Solutions: Design and Analysis
30.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Security for 6G communication
31.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Decentralized Deep learning for 6G Communication

32.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Tera Hz communication and Antenna design
33.	COMPUTER SCIENCE AND ENGINEERING	DR. RAMESH BABU BATTULA	Secure Decentralized Deep learning for 6G Communication
34.	COMPUTER SCIENCE AND ENGINEERING	DR. SATYENDRA SINGH CHOUHAN	AI for Sustainability and Urban Planning
35.	COMPUTER SCIENCE AND ENGINEERING	DR. SATYENDRA SINGH CHOUHAN	AI for Smart cities
36.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	AI and ML
37.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	AI and ML, Gen AI
38.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Gen AI, Graph Neural Networks,
39.	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Deep learning Architectures for Precision Architecture
40.	ELECTRICAL ENGINEERING	DR. SATISH SHARMA	Energy Storage rights
41.	ELECTRICAL ENGINEERING	DR. SATISH SHARMA	EV charging station coordination
42.	ELECTRICAL ENGINEERING	DR. PRERNA JAIN	AI solutions for Water Energy Nexus in rural areas
43.	ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	Application of signal processing in mmwave radar
44.	ELECTRICAL ENGINEERING	DR. HEMANT KUMAR MEENA	Machine learning in mmwave radar
45.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Net-zero energy system
46.	ELECTRICAL ENGINEERING	DR. ROHIT BHAKAR	Long-term energy system planning
47.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SARTHAK SINGHAL	Beam steering antenna array for 6G Applications
48.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	5G Communication
49.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. SATYASAI JAGANNATH NANDA	Big Data Analysis
50.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Antenna Design/ FSS/Absorbers/Rasorbers for 5G/6G mm wave Communication using AI and ML
51.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. M. M. SHARMA	Quad antenna design for satellite communication

52.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	Artificial Intelligence for EDGE IoT and applications
53.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. VINEET SAHULA	LLM for VLSI system design
54.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation
55.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Analog and Digital VLSI Design
56.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Millimeter Wave Radar Sensing Circuits
57.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Microelectronic Devices & Circuits
58.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Artificial Intelligence for sustainability and urban planning
59.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. KULDEEP SINGH	Artificial Intelligence based Assistive Devices
60.	HUMANITIES AND SOCIAL SCIENCE	DR. DIPTI SHARMA	Renewable Energy
61.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Business Analytics
62.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Operations Analytics
63.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	Artificial intelligence enabled sustainable health care waste management system
64.	MECHANICAL ENGINEERING	DR. RAJEEV AGRAWAL	AI-Driven Effective Waste Management
65.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Acoustic structure interaction
66.	MECHANICAL ENGINEERING	DR. PREETI GULIA	passive noise control
67.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJENDRA KUMAR GOYAL	Study on Mechanical and Electrical Properties of Polymer Matrix Composites
68.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJENDRA KUMAR GOYAL	Additive Manufacturing of Polymeric Nanohybrids
69.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJENDRA KUMAR GOYAL	Development of Multifunctional Polymeric Nanohybrids
70.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJENDRA KUMAR GOYAL	Microwave absorbing characteristics of core-shell structured polymer based nanocomposites
71.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BRIJ MOHAN MUNDOTIYA	Corrosion studies of the composite coatings for marine applications

72.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BRIJ MOHAN MUNDOTIYA	Tribological studies of the alloy coatings for high temperature applications
73.	PHYSICS	DR. RAHUL SINGHAL	Organic Solar Cell
74.	PHYSICS	DR. RAHUL SINGHAL	Metal-Fullerene Nanocomposite
75.	PHYSICS	DR. RAHUL SINGHAL	Ion Irradiation Studies of Nanocomposite Thin Films
76.	PHYSICS	DR. RAHUL SINGHAL	Building Integrated Organic Photovoltaics

Table 6. FULL TIME WITH FINANCIAL ASSISTANTSHIP

(For candidates without valid GATE/UGC-NET/CSIR-NET/ Other recognized national-level examination score)

S.No.	Department/Centres	Faculty member Name	Tentative Research Area of proposed Ph.D.
1.	ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Building Envelope Design for Sustainable Buildings
2.	ARCHITECTURE AND PLANNING	DR. GIREENDRA KUMAR	Urban Climatology Impact on Built Environment
3.	ARCHITECTURE AND PLANNING	DR. TARUN VERMA	Energy, Comfort & Indoor Built Environment
4.	ARCHITECTURE AND PLANNING	DR. TARUN VERMA	Urban Energy & Sustainability
5.	ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Urban Infrastructure Planning and Disaster Management
6.	ARCHITECTURE AND PLANNING	DR. YASH KUMAR MITTAL	Construction Project Management
7.	ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Planning and Design for Sustainable Urban Development and Built Development
8.	ARCHITECTURE AND PLANNING	DR. POOJA NIGAM	Built Vernacular Heritage, Crafts and Traditional Knowledge Systems
9.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Building integrated solar photovoltaic system
10.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. AMARTYA CHOWDHURY	Different transparent materials for radiative cooling
11.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Battery Thermal Management
12.	CENTRE FOR ENERGY AND ENVIRONMENT	DR. ANEESH PRABHAKAR	Building Energy Management

13.	CHEMICAL ENGINEERING	DR. HRUSHIKESH MADHUSUDAN GADE	Molecular dynamics investigations for biopolymer-based novel materials development using self-assembly approach.
14.	CHEMICAL ENGINEERING	DR. HRUSHIKESH MADHUSUDAN GADE	Machine learning-integrated molecular dynamics for accelerated material discovery and design.
15.	CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Sustainable Catalytic Conversion for Renewable Fuels and Chemicals
16.	CHEMICAL ENGINEERING	DR. BIKASHBINDU DAS	Advanced Catalysis for Environmental Pollutants mitigation
17.	CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Wastewater Treatment
18.	CHEMICAL ENGINEERING	DR. SHIV OM MEENA	Synthesis of catalyst for Wastewater Treatment
19.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Advanced Hybrid Cavitation-Biological Route for Circular Bioeconomy: From Waste to Renewable Fuels and Chemicals
20.	CHEMICAL ENGINEERING	DR. VIRENDRA KUMAR SAHARAN	Mechanistic Investigation of Hydrodynamic Cavitation-Assisted Adsorption for Removal of Emerging Pollutants from Greywater
21.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Electrochemical Anaerobic Membrane Bioreactor for Treatment of Dye-laden Wastewater
22.	CHEMICAL ENGINEERING	DR. MD. OAYES MIDDA	Nanocomposite Membrane for Industrial Gas Separation Applications
23.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Synthesis and applications of catalyst for waste valorization processes
24.	CHEMICAL ENGINEERING	DR. ROHIDAS GANGARAM BHOI	Monitoring and real-time analysis of pyrolysis process
25.	CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Biomass-to-Jet Fuel Conversion: Experimental Investigation and Density Functional Theory (DFT) Modelling
26.	CHEMICAL ENGINEERING	DR. SUBBARAMAIAH V	Development of Mesoporous Catalysts from Agricultural and Industrial Waste for Wastewater Treatment Applications
27.	CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Development of Plant-Derived Nanomaterials for Drug Delivery and Environmental Applications
28.	CHEMICAL ENGINEERING	DR. VIJAYALAKSHMI GOSU	Development of Functional Materials from Waste Resource for Catalytic Applications
29.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Heterogeneous Catalyst based Acetic acid-Ethanol Esterification Reaction in micro-reactors
30.	CHEMICAL ENGINEERING	DR. U K ARUN KUMAR	Carbon dioxide capture and conversion by Electrochemical Methods and Environmentally Friendly Solvents
31.	CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Smart Circularity in Energy Storage: Critical Metal Recovery from Lithium-ion Battery Waste in a Closed System

32.	CHEMICAL ENGINEERING	DR. RAMDAYAL PANDA	Rare Earth and Precious Metal Recovery from Electronic Waste for India's Metal Security
33.	CHEMICAL ENGINEERING	DR. NEETU KUMARI	Design of materials for energy storage devices using ab-initio MD simulation approach
34.	CHEMICAL ENGINEERING	DR. NEETU KUMARI	Advanced Hydrogen Production Using Solid Oxide Electrolysis Cells (SOECs): A Pathway to Green Energy
35.	CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Thermochemical conversion of CO2 to C2+ oxygenates over nanostructured catalysts
36.	CHEMICAL ENGINEERING	DR. LOVJEET SINGH	Metal-based waste materials for catalyzing CO2 reduction reactions
37.	CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Modeling, synthesis and applications of functional nanomaterials (jointly with Dept. of Physics)
38.	CHEMICAL ENGINEERING	DR. SURAJIT GHOSH	Development of photovoltaic materials and solar cells
39.	CHEMICAL ENGINEERING	DR. POOJA JANGIR	Paper-based Microfluidic Devices for Healthcare Applications
40.	CHEMICAL ENGINEERING	DR. POOJA JANGIR	Inertial Migration of Particles in Polymeric Fluids
41.	CHEMISTRY	DR. ABHINEET VERMA	Investigation of Ln^{3+} complexes in ILs for visible/NIR emission studies
42.	CHEMISTRY	DR. ABHINEET VERMA	Use of ILs as templates or stabilizers for metal/metal oxide nanoparticles.
43.	CHEMISTRY	DR. RAHUL	Development of new H2S donor for therapeutics
44.	CHEMISTRY	DR. RAHUL	Development of NIR dyes
45.	CIVIL ENGINEERING	DR. UTTAM SINGH	Sustainable Groundwater Management
46.	CIVIL ENGINEERING	DR. UTTAM SINGH	Surface and Groundwater modeling
47.	CIVIL ENGINEERING	DR. SANYAM DANGAYACH	Design of high speed rail embankments
48.	CIVIL ENGINEERING	DR. SANYAM DANGAYACH	Self filtering soils
49.	CIVIL ENGINEERING	DR. ABHISEKH SAHA	Utilization of waste products in geotechnical applications
50.	CIVIL ENGINEERING	DR. ABHISEKH SAHA	Utilization of polymeric materials in geotechnical applications
51.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Assessment of Surface Water Vulnerability Under Climate Scenarios
52.	CIVIL ENGINEERING	DR. MANOJ KUMAR DIWAKAR	Hydrological Modelling for Prediction of Surface Water Availability

53.	CIVIL ENGINEERING	DR. SIDDHARTH MEHNDIRATTA	Soil stability and foundation performance in arid regions
54.	CIVIL ENGINEERING	DR. SIDDHARTH MEHNDIRATTA	Development of numerical models for geotechnical analysis in offshore engineering
55.	CIVIL ENGINEERING	DR. RUCHI SHARMA	AI-based Carbon Credit Analysis
56.	CIVIL ENGINEERING	DR. RUCHI SHARMA	Time Series Analysis of Environmental Engineering Data
57.	CIVIL ENGINEERING	DR. HIMANSHU ARORA	Machine Learning Empowered Planning of Water Resources Systems.
58.	CIVIL ENGINEERING	DR. HIMANSHU ARORA	Climate Change, Hydrological Extremes and Disaster Assessment & Management.
59.	CIVIL ENGINEERING	DR. SUSHREE SUNAYANA	CO2 uptake of Recycled concrete
60.	CIVIL ENGINEERING	DR. SUSHREE SUNAYANA	Performance of biochar in concrete
61.	CIVIL ENGINEERING	DR. LEELAMBAR SINGH	water resource modeling
62.	CIVIL ENGINEERING	DR. LEELAMBAR SINGH	Climate change
63.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Artificial Intelligence and Machine Learning.
64.	COMPUTER SCIENCE AND ENGINEERING	DR. LAVIKA GOEL	Deep Learning and Pattern Recognition.
65.	COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Multimodal Artificial Intelligence
66.	COMPUTER SCIENCE AND ENGINEERING	DR. SADBHAWNA	Natural Language Processing in collaboration with IBM Research Labs
67.	COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	AI-Powered Security for IoT and Edge Environments
68.	COMPUTER SCIENCE AND ENGINEERING	DR. VIKASH KUMAR	Adversarial AI and Defense Strategies in Cyber Systems
69.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	AI based solutions for smart agriculture
70.	COMPUTER SCIENCE AND ENGINEERING	DR. ASHISH KUMAR TRIPATHI	AI based solutions for environment health monitoring
71.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Android malware classification using LLM
72.	COMPUTER SCIENCE AND ENGINEERING	DR. SMITA NAVAL	Vulnerability Analysis using explainable AI models
73.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Machine Learning Framework for Anomaly Detection through Multi-Sensor Behavior Correlation

74.	COMPUTER SCIENCE AND ENGINEERING	DR. JYOTI GROVER	Artificial Intelligence based Security solutions
75.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Generative AI and Large Language Models in Education
76.	COMPUTER SCIENCE AND ENGINEERING	DR. MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs
77.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Machine learning and deep learning for Security, Federated learning and edge computing
78.	COMPUTER SCIENCE AND ENGINEERING	DR. PRASANTA MAJUMDAR	Machine learning, Deep learning and Advanced Algorithms for traffic analysis in Elastic Optical Networks-(EON)
79.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH KUMAR TYAGI	Collaborative Learning driven Applications in real world problems
80.	COMPUTER SCIENCE AND ENGINEERING	DR. DINESH KUMAR TYAGI	Application of Digital twin technology
81.	ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	DC-DC Converters
82.	ELECTRICAL ENGINEERING	DR. MAN MOHAN GARG	Control and Applicaiton of Power Converters for Renewabale Energy
83.	ELECTRICAL ENGINEERING	DR. SURENDER HANS	Medical Robotics and Control
84.	ELECTRICAL ENGINEERING	DR. SURENDER HANS	Robust and Non Linear Control
85.	ELECTRICAL ENGINEERING	DR. SANDEEP N	Multilevel inverters
86.	ELECTRICAL ENGINEERING	DR. SANDEEP N	Electrical vehicle chargers
87.	ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	EV integration & scheduling in Hybrid Microgrid
88.	ELECTRICAL ENGINEERING	DR. AKHILESH MATHUR	Protection strategies in Hybrid Microgrid
89.	ELECTRICAL ENGINEERING	DR. SATISH SHARMA	EV charging station management and pricing
90.	ELECTRICAL ENGINEERING	DR. SATISH SHARMA	Power system analysis and optimization
91.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Device applications to AI Hardware accelerators
92.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. MENKA	Radiation hardened memory/circuits
93.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Microwave Imaging

94.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. RAJENDRA MITHARWAL	Microwave Amplifier Stability Analysis
95.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	AI/ ML/Optimization in Digital Signal Processing including EEG/EMG/ECG/ Digital Filter and Multirate System
96.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ILA SHARMA	AI/ ML/Optimization in 5G/Wireless/Cognitive radio including Spectrum Sensing/Management/Access
97.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. DEEPAK BHARTI	Analog microelectronic devices
98.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. DEEPAK BHARTI	Digital design
99.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ANKIT	Molecular Communication
100.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. ANKIT	Wireless Communication
101.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Antenna for 5G/6G Applications
102.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. REENA KUMARI	Dielectric Resonator Antennas for THz applications
103.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Analog and Digital VLSI Design
104.	ELECTRONICS AND COMMUNICATION ENGINEERING	DR. BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation
105.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Sustainability and Green Marketing
106.	MANAGEMENT STUDIES	DR. SUNDEEP KUMAR	Digital Marketing
107.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Business Analytics
108.	MANAGEMENT STUDIES	DR. SANDIPAN KARMAKAR	Operations Analytics
109.	MANAGEMENT STUDIES	DR. SHRIDEV	CORPORATE FINANCE
110.	MANAGEMENT STUDIES	DR. SHRIDEV	CAPITAL MARKET
111.	MANAGEMENT STUDIES	DR. REETA SINGH	Work- Life Balance
112.	MANAGEMENT STUDIES	DR. REETA SINGH	Hybrid work Model and Employee Engagement

113.	MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Organizational Agility
114.	MANAGEMENT STUDIES	DR. AAKANKSHA KATARIA	Mindfulness and Well-Being
115.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	Business Analytics for Sustainability and Circular Economy
116.	MANAGEMENT STUDIES	DR. AYUSH GAUTAM	From Ownership to Stewardship: Designing Sustainable Products as a Service model
117.	MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Development of Metal oxide based nanomaterials as artificial enzyme
118.	MATERIAL RESEARCH CENTER	DR. BHAGWATI SHARMA	Supramolecular metal-organic gels for electronic applications
119.	MATERIAL RESEARCH CENTER	DR. NISHA VERMA	2D Materials for Battery application
120.	MATERIAL RESEARCH CENTER	DR. NISHA VERMA	Nanomaterials for Thermoelectric application
121.	MATHEMATICS	DR. OM P. SUTHAR	Computational study of nonlinear differential equations
122.	MATHEMATICS	DR. OM P. SUTHAR	Numerical Methods for Simulating Fluid Motion
123.	MATHEMATICS	DR. RITU AGARWAL	Fractional dynamical systems and numerical techniques
124.	MATHEMATICS	DR. RITU AGARWAL	Quantitative and qualitative analysis of mathematical models of fractional order
125.	MATHEMATICS	DR. GEETANJALI CHATTOPADHYAY	Computational Fluid Dynamics
126.	MATHEMATICS	DR. GEETANJALI CHATTOPADHYAY	Non-Newtonian fluid flows
127.	MECHANICAL ENGINEERING	DR. ANUP MALIK	Manufacturing & Testing of Heat Dissipation Devices
128.	MECHANICAL ENGINEERING	DR. ANUP MALIK	Fabrication & Characterization of Composite Materials
129.	MECHANICAL ENGINEERING	DR. TAPAS BAJPAI	Investigation of arc stability in underwater SMAW process
130.	MECHANICAL ENGINEERING	DR. TAPAS BAJPAI	Experimental and numerical investigation of temperature gradients and stress evolution in underwater wet SMAW joints
131.	MECHANICAL ENGINEERING	DR. AMIT ARORA	Compact heat exchangers
132.	MECHANICAL ENGINEERING	DR. AMIT ARORA	Waste heat management (EV battery/ Electronics heat)
133.	MECHANICAL ENGINEERING	DR. MANISH KUMAR	Design and Performance Evaluation of TPMS-Inspired Heat Exchangers for Non-Newtonian Fluid Flow

134.	MECHANICAL ENGINEERING	DR. GAURAV HEDAU	Flow boiling in microchannel heat sink
135.	MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Design of Artificial Bone and Implant Structures
136.	MECHANICAL ENGINEERING	DR. GULAB PAMNANI	Impact behavior and energy dissipation of lightweight composite crash structure
137.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Passive noise barriers
138.	MECHANICAL ENGINEERING	DR. PREETI GULIA	Metamaterials
139.	MECHANICAL ENGINEERING	DR. MANJINDER SINGH	Heat Transfer
140.	MECHANICAL ENGINEERING	DR. MANJINDER SINGH	Fluid Structure Interaction
141.	MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Design and development of high performance nano-phased composites for drone and air taxi applications
142.	MECHANICAL ENGINEERING	DR. DINESH KUMAR RATHORE	Development of Mxene modified advanced composites for multifunctional structural materials
143.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SREEKUMAR VADAKKE MADAM	Development of high percentage ceramic particles reinforced Aluminium matrix composites for wear resistance applications
144.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SREEKUMAR VADAKKE MADAM	Development of aluminium-cerium alloys
145.	METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Development of high-strength aluminium alloys for aerospace applications
146.	METALLURGICAL AND MATERIALS ENGINEERING	DR. DEEPANKAR PANDA	Development of magnesium alloys for automotive applications
147.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Development of high entropy alloys
148.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RANDHIR KUMAR SINGH	Dissimilar welding of metals
149.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Nanomaterials for electronic applications
150.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KUNAL JAYPRAKASH BORSE	Polymer nanocomposites for aerospace applications
151.	METALLURGICAL AND MATERIALS ENGINEERING	DR. JYOTIRMAYA KAR	Dissimilar welding of metals/alloys of interest to the nuclear sector
152.	METALLURGICAL AND MATERIALS ENGINEERING	DR. JYOTIRMAYA KAR	Additive manufacturing and subsequent processing of metals/alloys of interest to the aerospace sector
153.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	Effect of microstructure on mechanical and corrosion behaviour of a DP steel

154.	METALLURGICAL AND MATERIALS ENGINEERING	DR. RAJESH KUMAR RAI	Microstructure optimization and electro-chemical behaviour evaluation of a Ti-alloy
155.	METALLURGICAL AND MATERIALS ENGINEERING	DR. AJAYA KUMAR PRADHAN	Development of high-performance aluminum alloys
156.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Developing novel methodolgies for corrosion resistance, wear resistance, and selflubricaiting coatings
157.	METALLURGICAL AND MATERIALS ENGINEERING	DR. BANDI SURESH	Waste derived cathode materails for Zn-Ion batteries
158.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Designing a new ultra-high strength steel with enhanced mechanical properties
159.	METALLURGICAL AND MATERIALS ENGINEERING	DR. SWATI SHARMA	Polymer and metal matrix composite coatings with enhanced properties
160.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KRISHNA KUMAR	Tribological Property Evaluation of Electrodeposited High Entropy Alloy Coatings on Mild Steel Substrate
161.	METALLURGICAL AND MATERIALS ENGINEERING	DR. KRISHNA KUMAR	Enhancing corrosion and wear properties of Nanoparticle Reinforced surface composite of AISI 410 steel
162.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. NISHANT ROY	Earthquake Safety of Dams
163.	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	DR. NISHANT ROY	Geotechnical Earthquake Engineering
164.	PHYSICS	DR. DEBASISH SARKAR	Modified carbon materials for high-voltage metal-ion capacitors
165.	PHYSICS	DR. DEBASISH SARKAR	Metal-free electrocatalysts for efficient overall water splitting
166.	PHYSICS	DR. KAMAKSHI PANDEY	CFD Simulation of Bioinspired anti-fouling membranes for water treatment
167.	PHYSICS	DR. KAMAKSHI PANDEY	MOFs-derived Polymeric Membranes for Selective Gas Separation
168.	PHYSICS	DR. SUBHAYAN MANDAL	Study of Type III Solar Radio Bursts in Corona.
169.	PHYSICS	DR. SUBHAYAN MANDAL	Correspondence between CMEs, Prominence, Flares & other solar eruptions.

12. GENERAL INFORMATION

(a) 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.

(b) The institute reserves the right to change its statutes and regulations relating to academic programmes and the modalities of admission without prior notice.

(c) There is no age restriction for postgraduate programme.

(d) 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, 2025.**

(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.

13. FEES

(a). Updated Fees structure will be available on Institute website https://mnit.ac.in/academics/fee_structure

(b). The fee refund policy of the Institute is as under:-

Candidate admitted through Centralized admission Agencies /Institute and withdraw admission during UG/PG and Ph.D. programme

No.	Category	Amount to be refunded
1.	In case the candidate seeks to withdraw their admission at such point in time when no further allotment on that seat could be solicited through the designated Central Agency, the seat is liable to remain vacant permanently.	In such cases, withdrawal from the enrolled program shall be permitted with No Refund of fee.
2.	In case the candidate seeks to withdraw their admission after the final seat	

	allotment but does not pay the balance fee as per the fee structure of the Institute.	
3.	In case the candidate seeks to withdraw their admission after the seat allotment and pays the balance fee as per the fee structure of the Institute but does not report at the Institute physically.	In such case, withdrawal from the enrolled program shall be permitted with refund of Caution Money only.
4.	In case the candidate seeks to withdraw their admission after the seat allotment, pay the balance fee as per the fee structure of the Institute and report at the Institute physically.	In such case, withdrawal from the enrolled program shall be permitted with refund of Caution Money only on submission of No Dues Certificate.
5.	In case the candidate, after the seat allotment, pays the balance fee as per the fee structure of the Institute and reports at the Institute physically but does not fulfill the eligibility criteria for admission.	Only Institute Caution Money will refunded. The fee paid by the student shall not be refunded.
6.	In case the student withdraws from the enrolled programme in midway (i.e. without its successful completion)	Only Institute Caution Money will refunded on submission of the No Dues Certificate. The fee paid by the student shall not be refunded.
7.	In case a student is not permitted to continue further due to non-fulfilment of CGPA requirement, but has paid the fee for the semester in which not permitted to continue further.	Caution Money and Semester fee paid will be refunded on submission of the No Dues Certificate.

14. 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.

15. 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.

16. 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 online application fee is Rs. 1000/- for General/OBC/EWS category and Rs. 500/- for SC/ST category candidates. "The application fee, once paid, is non-refundable under any circumstances."

c. The candidate must keep a photocopy of the application 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 From 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 online application form (not more than 500 words) for the topic chosen as first priority. This will have due weightage during process of screening/selection process.**
viii. Caste/Category certificate (SC/ST/OBC/EWS/PWD whichever is applicable) in original. The OBC and EWS certificate must be issued on or after 01st April 2025.
ix. NOC (as per annexure iv / v) required at the time of interview from the employer in case of Part Time/Off Campus candidates.

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 AS PER CENTRAL GOVT. FORMAT ONLY

(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

NO OBJECTION CERTIFICATE

(Required from Candidates Seeking Admission on Part-time Basis)

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

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

1.....

2.....

3. .....

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

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 VI

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 1st April 2025]

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)inthe _____ 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 _____ **Signature** _____
Date _____ **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 1st 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.

Annexure VII

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, 2025.

Place:Signature of the Candidate

Date:

Declaration/undertaking not signed by Candidate will be rejected

Annexure VIII

SC/ST CERTIFICATE FORMAT
(AS PER CENTRAL GOVT. FORMAT ONLY)

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 &Dieu) Scheduled Castes Order, 1968;

*The Constitution (Goa, Daman&Dieu) 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_____ **Signature_____**

Date_____ **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/ 1st 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.

Annexure IX

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 satisfiedthat

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 satisfiedthat

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/botharms/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:

Name and Seal of Member	**Name of Seal of Member**	**Name and Seal of the Chairperson**

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 satisfiedthat

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/botharms/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:	**Ph.D.**
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 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 Dated:
Email Address
Mobile No.

INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Government of .....

(Name & Address of the authority issuing the certificate)

[This certificate MUST have been issued on or after 1st April 2025

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.

ANNEXURE XII

Contact Details of DPGC Convener of the Department/Centre

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