# INFORMATION BROCHURE

## FOR ADMISSION TO

## DOCTOR OF PHILOSOPHY- Ph.D.

## Even Semester 2026-27



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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J.L.N. Marg, Jaipur (Raj.) – 302017
E-mail: admissions@mnit.ac.in
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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 :- 04-11-2026
- Last Date of submission of Online Application form :- 23-11-2026 (till 5.00 PM)

Provisional list of shortlisted/eligible candidates for written test/interview will be displayed on Institute website by **30-11-2026**

- Dates of written test & Interview of the shortlisted candidates for **Ph.D.** :- 14-15 December 2026
- Final Result **(Ph.D. Program)** :- 22-12-2026

**NOTE :-**

- *Candidates applying for the 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 (full time) 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.*

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

### Off Campus

6. Off Campus (candidate working 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

## 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, Artificial Intelligence and Data 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, Materials Research Centre and Artificial Intelligence and Data Engineering.

## 2. THE OBJECTIVE

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

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

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

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

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

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

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

## 3. CREDIT SYSTEM

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

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

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

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

## 4. ADMISSIONS

### Academic Session

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

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

## 4.1 ELIGIBILITY FOR ADMISSION

i. The eligibility conditions given below are the absolute minimum. Departments/Centres may prescribe any requirements over and above for short listing. All eligibility requirements **must be met by the date as prescribed :-**

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 marks" implies that candidates must have passed with either First Class, or a minimum of 6.5 CGPA (on a 10-point scale), or 60% marks in aggregate for GEN/GEN-EWS/OBC candidates, and a minimum of 6.0 CGPA or 55% marks in aggregate for SC/ST/PwD candidates in the 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 (viii).

The eligibility criteria is mentioned at s.no. 4.3 and table 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 First class or 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 a valid GATE score, may be recommended by the DSC to the SPGB for admission to the Ph.D. program after an interview for Institute 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 First class or 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 First class or 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 First class or 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. | 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) | ✗ | ✓ | ✗ | ✗ |
| | 2. | Full-Time with Own Scholarship (UGC-JRF, CSIR-JRF, or other recognized national-level fellowships) | ✗ | ✓ | ✗ | ✗ |
| | 3. | **Full-Time (DST-INSPIRE):** | | | | |
| | | 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 | ✗ | ✓ | ✗ | ✗ |

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|---|---|---|---|---|---|---|
| | 4. | **Full-Time 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 | ✗ | ✓ | ✓ | ✓ |
| | 5. | **Full-Time Self-Financed (without any assistantship/scholarship) :** | | | | |
| | | Without Valid GATE/UGC-NET/CSIR-NET/Other recognized national-level examination score | Institute Exam | ✓ | ✗ | ✗ |
| **Off-Campus** | 6. | **Off-Campus Sponsored (PT) (beyond 70 km from Jaipur) :** | | | | |
| | | 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 | ✗ | ✓ | ✓ | ✓ |
| **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):** | | | | |
| | | 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 | ✗ | ✓ | ✓ | ✓ |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 10. | **MNIT Jaipur 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 | ✗ | ✓ | ✓ | ✓ |
| | 11. | Executive/Professional | ✗ | ✓ | ✓ | ✓ |
| Candidates holding a Bachelor's degree in Engineering, Architecture, or Planning from **(CFTIs or other institutes with NIRF ranking up to 100 shall be considered eligible for admission under this scheme)** with a minimum of 75% marks (or an equivalent CGPA) and possessing a valid GATE score, 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). | | | | | | |

***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 fill 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 ($3^{rd}$ / $4^{th}$ 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):<br><br>Seminar : 3 Credit<br>Research Methodology I : 2 credit Four Courses :12 Credit | Third Semester(minimum 18 Credit maximum 21 Credit):<br><br>Courses of regular M.Plan. Degree :16 Credit<br>Research Methodology I : 2 Credit One<br>Courses extra : 3 Credit |
| Fourth Semester(minimum 11 Credit maximum 19 Credit)<br><br>Research Methodology II : 2 Credits<br>Dissertation : 14 Credits<br>One Course : 3 Credits | Fourth Semester (minimum 16 Credit maximum 22 Credit)<br><br>Dissertation : 14 Credit<br>Research Methodology II : 2 Credit One/Two<br>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 form 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 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 20% 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. **Students admitted under Self-Financed category will not get any type of financial assistantship/scholarship.**

vi. 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.

vii. The candidates applying for assistantship are required to submit the undertaking at the time of admission in the prescribed Performa given in Annexure-XI.

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

In addition to institute assistantship, **01 fellowship** for **Full-Time and 01 seat for Part Time** Ph.D. candidates are available under Visvesvaraya Ph.D. Scheme for Electronics and IT : Phase-II. It is a part of the II phase of Visvesvaraya Ph.D. Scheme to enhance the number of Ph.Ds in Electronic System Design and Manufacturing (ESDM) and IT/IT Enabled Services (ITES) Sector. A candidate has to

EXPLICITLY indicate, whether he/she wishes to be considered for this scheme, in addition to normal process of admissions. [Listing of areas for this session admission is attached for 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. 46,250/- per month (1st and 2nd year) and @ Rs. 52,500/- 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** | 1. B.Tech./M.Tech. or equivalent degree in Chemical Engineering, B.Tech/ M.Tech. or equivalent degree in any branch of Engineering/ Chemical Technology and inter disciplinary areas.<br>2. M.Sc./dual MSc.-M.Tech or equivalent degree in chemistry/ physics / industrial chemistry/ biochemistry / biotechnology / nano-technology/ material science/ nano-science/environmental science/ applied energy/ energy sciences/ applied physics/ physical science/ relevant disciplines with at least one mathematics subject at Bachelor/B.Sc./UG level.<br>3. M.Sc./dual MSc-M.Tech. or equivalent degree in science subjects and consistent with department research areas with at least one mathematics subject at Bachelor/B.Sc/UG level. |
| **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<br>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. and M.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 |

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| **Mechanical Engineering** | B.Tech./M.Tech. degree or equivalent degree in Mechanical/ Industrial/ Production Engg.<br>B.Tech./M.Tech. degree/disciplines consistent with the research areas of the department. |
| **# Metallurgical & Materials Engineering** | B.E./B.Tech./M.Tech. in Metallurgical Engineering, Materials Engineering, Mechanical Engineering, Aerospace Engineering, Applied Mechanics or relevant discipline.<br>Or<br>M.Sc. in Physics, Applied Physics, Engineering Physics, Chemistry, Materials Science, Polymer Science, Nanotechnology / Nanoscience or relevant discipline.<br>**For institute assistantship or institute fellowship;** Engineering or science candidates must have cleared GATE in their respective discipline or Engineering Science (ES) / NET in their respective discipline / any other national level exam.<br>**For own fellowship:** JRF from CSIR / UGC / ICMR / DBT or any other national level funding agencies. |
| **Physics** | The applicant must have a Master's degree in following areas:<br>M.Sc. in Physics /Applied Physics/ Engineering Physics/ allied areas of Physics/ interdisciplinary areas in physical sciences<br>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.<br>Or<br>2. M.Sc. in Physics/ Chemistry/ Biotechnology/ Biochemistry/ Renewable Energy/Sustainable Development/ Energy Science/ Data Science/ Environmental Science/ Semiconductor Technology, or relevant discipline.<br>**For institute assistantship or institute fellowship:** Engineering or science candidates must have cleared GATE in their respective discipline or Engineering Science (ES) / NET in their respective discipline / any other national level exam.<br>**For own fellowship:** JRF from CSIR / UGC / ICMR / DBT or any other national level funding agencies. |
| **National Centre for Disaster Mitigation and Management** | Bachelor's degree in Civil Engineering/Architecture<br>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<br>Other Qualifications:<br>1. M.Tech/M.E. or equivalent degree in Materials Science and Engineering, Metallurgical Engineering, Ceramics, Mechanical Engineering, Nanoscience, Polymer Technology, Electronics, Nanotechnology.<br>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.<br>3. M.Sc in Materials Science/Physics/Chemistry Polymer Technology, Electronics, Nanotechnology. Or equivalent Master's degree in allied areas. |
| **Artificial Intelligence and Data Engineering** | Master's degree in Engineering/ Technology in AI/Data Science or relevant disciplines |

**# Note 1: Candidates with M.Sc. degree as a qualifying degree and applying for PhD program in Departments/Centres of Materials Research Centre, Centre for Energy and Environment, Chemical Engineering, and Metallurgical and Materials Engineering are required to do course work of at least 22 credits [18 credits + Compulsory Research Methodology Courses (RM1 and RM2)].**

**Note 2 : 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/Centre | Faculty member Name | Tentative Research Area of proposed Ph.D. |
|---|---|---|---|
| 1 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Sustainable Urban Development |
| 2 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Planning for Energy Efficient Building |
| 3 | ARCHITECTURE AND PLANNING | DR. GIREENDRA KUMAR | Thermal and Visual Comfort for Indoor and Outdoor Spaces |
| 4 | ARCHITECTURE AND PLANNING | DR. GIREENDRA KUMAR | Development Regulations for Smart City and Urban Heat Mitigation |
| 5 | ARCHITECTURE AND PLANNING | DR. KALPANA PANDIT | Indian temple architecture |
| 6 | ARCHITECTURE AND PLANNING | DR. KALPANA PANDIT | Planning history and theories |
| 7 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Indoor Environmental Quality, Health and Performance |
| 8 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Urban Climate, Open Spaces and Thermal Environments |
| 9 | ARCHITECTURE AND PLANNING | DR. YASH KUMAR MITTAL | Urban Planning and Project Management |
| 10 | ARCHITECTURE AND PLANNING | DR. YASH KUMAR MITTAL | Planning for Disaster Resilience |
| 11 | ARCHITECTURE AND PLANNING | DR. SUNITA M DODDAMANI | Spatial Optimization for High-Performance Built Environments |
| 12 | ARCHITECTURE AND PLANNING | DR. ATUL KUMAR BILTORIA | Affordable, Modular and Fast-paced Housing |
| 13 | ARCHITECTURE AND PLANNING | DR. ATUL KUMAR BILTORIA | Sustainable Development and Management of Cities |
| 14 | ARCHITECTURE AND PLANNING | DR. SATISH PIPRALIA | Development regulations for Historic Built Environment |
| 15 | ARCHITECTURE AND PLANNING | DR. SATISH PIPRALIA | Heritage Development Policy |
| 16 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Low Carbon Urban Development |
| 17 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Rejuvenation of Urban Water Bodies and/ or Eco-sensitive Areas |
| 18 | ARCHITECTURE AND PLANNING | DR. NIRUTI GUPTA | Sustainable Infrastructure for Liveable Cities |
| 19 | ARCHITECTURE AND PLANNING | DR. NIRUTI GUPTA | Resilient Cities: Planning for Risk, Recovery and Climate Extremes |
| 20 | ARCHITECTURE AND PLANNING | DR. SUSHMITA CHOUDHARY | Ex-post Master Plan and Policy Evaluation |
| 21 | ARCHITECTURE AND PLANNING | DR. SUSHMITA CHOUDHARY | Land Use Planning and Urban Land Transformation |
| 22 | ARCHITECTURE AND PLANNING | DR. POOJA NIGAM | Planning for Sustainable Urban Development |
| 23 | ARCHITECTURE AND PLANNING | DR. POOJA NIGAM | Computational approach to Urban Planning |

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| 24 | ARCHITECTURE AND PLANNING | DR. AMAN SHARMA | Digital heritage documentation (photogrammetry, LiDAR, NeRF/Gaussian splatting) and immersive AR/VR applications for visualisation and interpretation |
| 25 | ARCHITECTURE AND PLANNING | DR. AMAN SHARMA | Applications of Artificial Intelligence in architectural design and built heritage conservation |
| 26 | ARCHITECTURE AND PLANNING | DR. MANISH SHARMA | Urban Resilience |
| 27 | ARCHITECTURE AND PLANNING | DR. MANISH SHARMA | Water sustainable planning |
| 28 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | AI for healthcare |
| 29 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Agentic AI for social good |
| 30 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. DINESH GOPALANI | Multimodal and Document Reasoning |
| 31 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. DINESH GOPALANI | Traffic Prediction, Analysis and Management using Agentic AI |
| 32 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. ARYA PRAKASH PADHI | Generative AI and its application including in structural design |
| 33 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. ARYA PRAKASH PADHI | Neural Operator and Foundation model |
| 34 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Bioenergy Systems |
| 35 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Biofuel |
| 36 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Green Technology |
| 37 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Energy Policy and management |
| 38 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Energy storage technology |
| 39 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Renewable energy systems |
| 40 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Power to X Sector Coupling for Integrated Energy Systems |
| 41 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Power Market Design & Flexibility Mechanisms in smart grid systems |
| 42 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. AMARTYA CHOWDHURY | Net zero energy building |
| 43 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. AMARTYA CHOWDHURY | Building integrated photovoltaics with Phase Change Materials |
| 44 | CHEMICAL ENGINEERING | DR. SURAJIT GHOSH | Hydrogen production through perovskite materials |
| 45 | CHEMICAL ENGINEERING | DR. SURAJIT GHOSH | Development of biosensor using plant based scaffold |
| 46 | CHEMICAL ENGINEERING | DR. DIPALOY DATTA | Synthesis and Application of Biochar Nanocomposites for the Removal of Water Pollutants |
| 47 | CHEMICAL ENGINEERING | DR. DIPALOY DATTA | Application of Deep Eutectic Solvents as Potential Electrolyte in Ion Batteries |
| 48 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Electrochemical conversion of biomass derived product to comodity chemicals |
| 49 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Development of ceramic materials for proton conducting solid oxide electrolysis/fuel cell |
| 50 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Recycling and reuse of bio & industrial waste |
| 51 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Development of biochar based composites for electrochemical application |
| 52 | CHEMICAL ENGINEERING | DR. SHIV OM MEENA | Synthesis of catalyst for Wastewater Treatment |
| 53 | CHEMICAL ENGINEERING | DR. SHIV OM MEENA | Wastewater Treatment |
| 54 | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | Waste Printed Circuit Board (E-waste) Recycling |

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| 55 | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | Rare earth metal recovery from electronic scrap |
| 56 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Process Intensification and AI-Driven Optimization of Advanced Oxidation Processes |
| 57 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Heterogeneous Catalysis for Sustainable Production of Value-Added Chemicals |
| 58 | CHEMICAL ENGINEERING | DR. POOJA JANGIR | Floral Waste-Derived Functional Composites for Water Purification and Environmental Remediation |
| 59 | CHEMICAL ENGINEERING | DR. POOJA JANGIR | AI-Enabled Paper-Based Microfluidic Devices for Environmental Monitoring |
| 60 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Waste to wealth conversion |
| 61 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Green hydrogen from waste biomass |
| 62 | CHEMICAL ENGINEERING | DR. BIKASHBINDU DAS | Catalytic transformation of biomass to value-added products |
| 63 | CHEMICAL ENGINEERING | DR. BIKASHBINDU DAS | Catalytic environmental pollutant mitigation |
| 64 | CHEMICAL ENGINEERING | DR. MD. OAYES MIDDA | Membrane-assisted water electrolysis systems for hydrogen production |
| 65 | CHEMICAL ENGINEERING | DR. MD. OAYES MIDDA | Electrochemical Anaerobic Membrane Bioreactor for Treatment of Dye-laden Wastewater |
| 66 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Synthesis of nanomaterials as a photocatalyst for energy application |
| 67 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Development of advanced materials for wastewater treatment |
| 68 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Synthesis of Functional Materials for the Degradation of Non Biodegradable Wastewater |
| 69 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Synthesis of Nanomaterials for Energy Application |
| 70 | CHEMICAL ENGINEERING | DR. RAJEEV KUMAR DOHARE | Simulation and production of biohydrogen by Organic waste |
| 71 | CHEMICAL ENGINEERING | DR. RAJEEV KUMAR DOHARE | Waste material utilization in Industrial wastewater Treatment |
| 72 | CHEMICAL ENGINEERING | DR. MANISH VASHISHTHA | Efficient strategies for environmental remediation |
| 73 | CHEMICAL ENGINEERING | DR. MANISH VASHISHTHA | Modelling and Simulation for fluid flow systems |
| 74 | CHEMICAL ENGINEERING | DR. KAILASH SINGH | Application of Machine Learning in Water/Wastewater Treatment |
| 75 | CHEMICAL ENGINEERING | DR. KAILASH SINGH | AI-Assisted Prediction and Control of Contaminant Removal in Water Treatment Systems |
| 76 | CHEMICAL ENGINEERING | DR. SUSHANT UPADHYAYA | AI-Driven Computational Modeling and Optimization of Membrane Distillation for Azeotropic Separation |
| 77 | CHEMICAL ENGINEERING | DR. SUSHANT UPADHYAYA | AI-Assisted Kinetic Modeling and Controlled Synthesis of Polystyrene through Batch Polymerization |
| 78 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Heterogeneous Catalytic Esterification Reaction in Micro flow Reactors |
| 79 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Carbon Capture and Conversion using Green Solvents |
| 80 | CHEMISTRY | DR. SUMANTA KUMAR MEHER | Nanomaterials for Energy Conversion and Storage |
| 81 | CHEMISTRY | DR. SUMANTA KUMAR MEHER | Novel Nanomaterials for Green Hydrogen Production |
| 82 | CHEMISTRY | DR. PRADEEP KUMAR | Computational modeling of Catalysis for industrial processes |
| 83 | CHEMISTRY | DR. PRADEEP KUMAR | Machine learning in chemical reaction dynamics |
| 84 | CHEMISTRY | DR. SUDHIR KASHYAP | Synthesis of Rare Sugars and Glycosides through Stereoselective Glycosylation |
| 85 | CHEMISTRY | DR. SUDHIR KASHYAP | Experimental and Computational Studies of Glycosylation and Protecting-Group Effects |

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| 86 | CHEMISTRY | DR. BARUN JANA | Molecular sensors for Drug molecules |
| 87 | CHEMISTRY | DR. BARUN JANA | Molecular sensors for toxic heavy metal ions |
| 88 | CHEMISTRY | DR. PAWAN REKHA | Design and Synthesis of Functional Nanomaterials for Environmental Remediation |
| 89 | CHEMISTRY | DR. PAWAN REKHA | Advanced Nanomaterials for Sustainable Catalytic Applications |
| 90 | CHEMISTRY | DR. RAHUL | Biomaterial functionalization for drug delivery |
| 91 | CHEMISTRY | DR. RAHUL | Gasotransmitter sensing |
| 92 | CHEMISTRY | DR. SUMIT KUMAR SONKAR | Ambient condition Ammonia Synthesis |
| 93 | CHEMISTRY | DR. SUMIT KUMAR SONKAR | Multifunctional applications of iron oxide dust |
| 94 | CHEMISTRY | DR. ABHINEET VERMA | Engineering Luminescent Lanthanide MOFs for Upconversion, Optical Waveguiding and Ratiometric Biosensing |
| 95 | CHEMISTRY | DR. ABHINEET VERMA | Lanthanide-Based Luminescent Security Inks with Multi-Mode Emission for Anti-Counterfeiting Applications |
| 96 | CHEMISTRY | DR. ABBAS RAJA NAZIRUDDIN | Transition Metal Complexes for Renewable Energy Application |
| 97 | CHEMISTRY | DR. ABBAS RAJA NAZIRUDDIN | Organometallic Chemistry for Molecular Catalysis |
| 98 | CHEMISTRY | DR. BIMAN BANDYOPADHYAY | Astrochemical Reactions on Interstellar Ice Grains |
| 99 | CHEMISTRY | DR. BIMAN BANDYOPADHYAY | Organic Photochemistry |
| 100 | CHEMISTRY | DR. MANVIRI RANI | Biomass derived synthesis of functional Nanoparticles for sustainable environmental remediation |
| 101 | CHEMISTRY | DR. MANVIRI RANI | Upcycling Industrial and Biomass Waste into High-Value Functional Nanomaterials |
| 102 | CIVIL ENGINEERING | DR. LEELAMBAR SINGH | Optimization of Hydrogen Infrastructure Under Climate Stress. |
| 103 | CIVIL ENGINEERING | DR. LEELAMBAR SINGH | Optimization of Urban Solar Expansion for Climate-Resilient Cities |
| 104 | CIVIL ENGINEERING | DR. SIDDHARTH MEHNDIRATTA | Behaviour of Compacted Fill Slopes |
| 105 | CIVIL ENGINEERING | DR. SIDDHARTH MEHNDIRATTA | Behaviour of Offshore Monopiles Under Cyclic Loading |
| 106 | CIVIL ENGINEERING | DR. MANOJ KUMAR DIWAKAR | Assessment of Flood Hazard and Inundation under Changing Hydroclimatic Conditions Using Hydrodynamic Modelling |
| 107 | CIVIL ENGINEERING | DR. MANOJ KUMAR DIWAKAR | Integrated Hydrological and Hydrodynamic Modelling for River-Basin Water Resources and Floodplain Assessment |
| 108 | CIVIL ENGINEERING | DR. ABHISEKH SAHA | Dune Sand stabilization |
| 109 | CIVIL ENGINEERING | DR. ABHISEKH SAHA | Climate change effect on geotechnical infrastructures |
| 110 | CIVIL ENGINEERING | DR. ANOOP IRANNA SHIRKOL | Structural Dynamics |
| 111 | CIVIL ENGINEERING | DR. ANOOP IRANNA SHIRKOL | Seismic Analysis |
| 112 | CIVIL ENGINEERING | DR. URMILA BRIGHU | Water and wastewater treatment |
| 113 | CIVIL ENGINEERING | DR. URMILA BRIGHU | Water and sanitation sector management |
| 114 | CIVIL ENGINEERING | DR. RUCHI SHARMA | AI-Driven Sustainable Infrastructure and Environmental Systems Analysis |
| 115 | CIVIL ENGINEERING | DR. RUCHI SHARMA | Air Pollution Exposure and Human Health Risk Assessment in Smart Cities |
| 116 | CIVIL ENGINEERING | DR. SANDEEP SHRIVASTAVA | Sustainable Construction through Waste Utilization |

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| 117 | CIVIL ENGINEERING | DR. SANDEEP SHRIVASTAVA | BIM/IoT applications for Sustaianble Construction |
| 118 | CIVIL ENGINEERING | DR. RAMESHWAR JAGANNATH VISHWAKARMA | Investigation of the Structural Performance of Concrete Slabs on Grade |
| 119 | CIVIL ENGINEERING | DR. RAMESHWAR JAGANNATH VISHWAKARMA | Evaluation of Construction Defects in Structural Members |
| 120 | CIVIL ENGINEERING | DR. RAJESH GUPTA | Sustainable geopolymer concrete using waste materials |
| 121 | CIVIL ENGINEERING | DR. RAJESH GUPTA | Self-compacting concrete using stone waste |
| 122 | CIVIL ENGINEERING | DR. UTTAM SINGH | Interaction of surface and groundwater |
| 123 | CIVIL ENGINEERING | DR. UTTAM SINGH | Soft computing in water resources |
| 124 | CIVIL ENGINEERING | DR. SUSHREE SUNAYANA | CO2 uptake of recycled concrete powder |
| 125 | CIVIL ENGINEERING | DR. SUSHREE SUNAYANA | Sustainable concrete production using waste materials |
| 126 | CIVIL ENGINEERING | DR. ARUN GAUR | Sustainable utilization of Stone industry waste |
| 127 | CIVIL ENGINEERING | DR. ARUN GAUR | Utilization of waste materials for road construction. |
| 128 | CIVIL ENGINEERING | DR. VINAY AGRAWAL | Utilization of Mining/Industrial/Construction and Demolition Waste in concrete |
| 129 | CIVIL ENGINEERING | DR. VINAY AGRAWAL | Application of Artificial Intelligence and Machine Learning in Structures |
| 130 | CIVIL ENGINEERING | DR. MAHESH KUMAR JAT | HYDROLOGICAL MODELLING AND CLIMATE CHANGE |
| 131 | CIVIL ENGINEERING | DR. MAHESH KUMAR JAT | REMOTE SENSING AND GIS APPLICATIONS |
| 132 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Security and Privacy for Agentic Super Intelligence (next-generation agent AI) |
| 133 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Security and privacy for Large Language Models (LLMs). |
| 134 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Artificial Intelligence, Machine Learning and Deep Learning |
| 135 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Pattern recognition using hybrid deep learning techniques for medical and agricultural applications. |
| 136 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Artificial Intelligence and Machine Learning |
| 137 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Responsible and Safe AI solutions for Cyber Security |
| 138 | COMPUTER SCIENCE AND ENGINEERING | DR. VIJAY LAXMI | Agentic AI for Deepfake Detection |
| 139 | COMPUTER SCIENCE AND ENGINEERING | DR. VIJAY LAXMI | Explainability through Agentic Chain of Reasoning |
| 140 | COMPUTER SCIENCE AND ENGINEERING | DR. SMITA NAVAL | Vulnerabilty analysis using Agentic AI |
| 141 | COMPUTER SCIENCE AND ENGINEERING | DR. SMITA NAVAL | Deepfake detection using language models |
| 142 | COMPUTER SCIENCE AND ENGINEERING | DR. YOGESH KUMAR MEENA | Artificial Intelligence and Machine Learning for Healthcare Analytics and Decision Support |
| 143 | COMPUTER SCIENCE AND ENGINEERING | DR. YOGESH KUMAR MEENA | Generative AI and Large Language Models for Domain-Specific Knowledge Discovery |
| 144 | COMPUTER SCIENCE AND ENGINEERING | DR. NAMITA MITTAL | Cross-Dialect Transfer Learning for Low-Resource Machine Translation Using AI |
| 145 | COMPUTER SCIENCE AND ENGINEERING | DR. NAMITA MITTAL | Context-Preserving Translation Across Linguistically Diverse Dialects Using AI |
| 146 | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | Medical Image Analysis using Deep Learning and Surgical Data Science |
| 147 | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | Machine/Deep Learning and Beyond for Modern Computer Vision |
| 148 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | Deep Learning for smart agriculture |

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| 149 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | Intelligent Object Detection and Visual Analytics |
| 150 | COMPUTER SCIENCE AND ENGINEERING | DR. SATYENDRA SINGH CHOUHAN | LLM-based autonomous agents |
| 151 | COMPUTER SCIENCE AND ENGINEERING | DR. SATYENDRA SINGH CHOUHAN | Agentic and adaptive RAG |
| 152 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Generative AI and Large Language Models for Intelligent Educational Systems |
| 153 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Machine/Deep Learning with graphs |
| 154 | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Artificial Intelligence and Machine Learning for Intelligent Systems and Real-World Applications |
| 155 | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Multimodal Learning, Computer Vision, and Pattern Recognition |
| 156 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Advanced Representation Learning for Intelligent Malware Analysis |
| 157 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Semantic and Structural Representation Learning for Software Security |
| 158 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Blockchain based Industry 5.0 Secure Safety Critical Systems |
| 159 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | AI/ML driven Real world applications (Healthcare, Software Reliability) |
| 160 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Artificial Intelligence for CyberSecurity |
| 161 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Explainable AI for Smart Contract Vulnerability Detection and Automated Security Analysis |
| 162 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Secure and Resilient UAV Operations for Defence and Civil Use |
| 163 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Supply-Chain Risk Analysis and Vulnerability Intelligence for CPS |
| 164 | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | AI/ML and Decentralized Collaborative Learning for Real world applications |
| 165 | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | Object Detection, Multimodal Anomaly Detection , |
| 166 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Quantum Machine Learning |
| 167 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Security in Agentic AI |
| 168 | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Agentic AI |
| 169 | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Graph Neural Networks |
| 170 | COMPUTER SCIENCE AND ENGINEERING | DR. ARKA PROKASH MAZUMDAR | Fedarated Trust Management in IoT |
| 171 | COMPUTER SCIENCE AND ENGINEERING | DR. ARKA PROKASH MAZUMDAR | Learning-Based Quantum Entanglement Routing |
| 172 | ELECTRICAL ENGINEERING | DR. RAJIVE TIWARI | Electric vehicle |
| 173 | ELECTRICAL ENGINEERING | DR. RAJIVE TIWARI | Renewable energy integration |
| 174 | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | DC-DC Converters |
| 175 | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | Electric Vehicle Chargers |
| 176 | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | AI Enabled Safe and Intelligent Control of Autonomous Robots |
| 177 | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | Intelligent Autonomous Robots for Controlled Environment based Precision Agriculture |
| 178 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robotics and Control |
| 179 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robust Sliding Mode Control |
| 180 | ELECTRICAL ENGINEERING | DR. NEELI SATYANARAYANA | Robust model predictive control (MPC) |

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| 181 | ELECTRICAL ENGINEERING | DR. NEELI SATYANARAYANA | Control strategies for autonomous underwater vehicles (AUVs) |
| 182 | ELECTRICAL ENGINEERING | DR. SANDEEP N | Power Electronics for Green Hydrogen |
| 183 | ELECTRICAL ENGINEERING | DR. SANDEEP N | Multilevel inverters/converters |
| 184 | ELECTRICAL ENGINEERING | DR. ANIL SWARNKAR | EV Charging & Vehicle-to-Grid (V2G) Integration |
| 185 | ELECTRICAL ENGINEERING | DR. ANIL SWARNKAR | Smartgrid/Microgrid and its Control Strategies |
| 186 | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | operation and control in modern power system |
| 187 | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | Power system economics |
| 188 | ELECTRICAL ENGINEERING | DR. DIPTI SAXENA | Quantum-Assisted Coordinated Scheduling of Electric Vehicles in Renewable-Integrated Distribution Networks |
| 189 | ELECTRICAL ENGINEERING | DR. DIPTI SAXENA | AI-Driven Integrated Energy Management of Electric Vehicles and Green Hydrogen Systems in Renewable-Rich Power Networks. |
| 190 | ELECTRICAL ENGINEERING | DR. KUSUM VERMA | Power System Operation with High Penetration of Inverter-based Resources |
| 191 | ELECTRICAL ENGINEERING | DR. KUSUM VERMA | Explainable AI for Cyber-Physical Security of Smart Grids |
| 192 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Blockchain-Enabled Secured Energy Management and P2P Trading in Sustainable Smart Communities |
| 193 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Operation and Control with GFM/GFL based inverter Control design |
| 194 | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Power Electronics |
| 195 | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Electric Vehicle |
| 196 | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Nonlinear control and Observation |
| 197 | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | AI/ML in Cyber-Phycal System |
| 198 | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | Energy Storage Integration to Smart Grids |
| 199 | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | AI/ML Applications to Smart Grids |
| 200 | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | Energy Efficient Applied Control |
| 201 | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for Robotics |
| 202 | ELECTRICAL ENGINEERING | DR. KAPIL SHUKLA | Traction Converters |
| 203 | ELECTRICAL ENGINEERING | DR. KAPIL SHUKLA | Grid Connected Converters and their control |
| 204 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Power System Operation |
| 205 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Energy Systems Planning |
| 206 | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI and control |
| 207 | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI and electric vehicle control |
| 208 | ELECTRICAL ENGINEERING | DR. PRERNA JAIN | Grid operation under large renewable integration using AI |
| 209 | ELECTRICAL ENGINEERING | DR. PRERNA JAIN | Grid operation under large renewable integration using AI |
| 210 | ELECTRICAL ENGINEERING | DR. KAILASH CHAND SHARMA | Data Analytics for Smart Grids and Electricity Markets |
| 211 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SARTHAK SINGHAL | Metasurfaces for Sensing and Energy Harvesting Applications |
| 212 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SARTHAK SINGHAL | Antennas for Wireless and Sensing Applications |
| 213 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VINEET SAHULA | Intelligent IoT (EDGE) devices and applications (CPS) |
| 214 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VINEET SAHULA | Cross-Lingual Transfer for Extreme Low-Resource Languages OR zero-corpus |

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| 215 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | AI/ML in Heathcare |
| 216 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | Brain Computer Interface applications |
| 217 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | AI/ML Algorithms for Wireless Sensor Networks |
| 218 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | Distributed Data Processing in Wireless Sensor Networks |
| 219 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAVI KUMAR MADDILA | Power line communication application |
| 220 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAVI KUMAR MADDILA | FTTH Element Management System Development |
| 221 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. KULDEEP SINGH | Electronic Systems for Biomedical Engineering |
| 222 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. KULDEEP SINGH | Artificial Intelligence for Healthcare |
| 223 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | Anti-Drone Systems using AI/ML for military applications |
| 224 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | Edge-AI for IoT and Cyber-Physical Sensing |
| 225 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. MENKA | Approximate computing |
| 226 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. MENKA | Compute in memory |
| 227 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ANKIT | Molecular Communications |
| 228 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ANKIT | Wireless Communications |
| 229 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | THz Antenna |
| 230 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | Antenna for 5G/6G Applications |
| 231 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. TARUN VARMA | VLSI |
| 232 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. TARUN VARMA | Signal processing |
| 233 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. DEEPAK BHARTI | Semiconductors devices and flexible electronics |
| 234 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. DEEPAK BHARTI | Flexible sensing technologies and IoT |
| 235 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | AI/ML assisted IOT based application for healthcare |

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| 236 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | AI/ML assisted RIS structures |
| 237 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ARUN KUMAR | Semiconductor Device Modeling and Characterization |
| 238 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ARUN KUMAR | VLSI Design and Simulation |
| 239 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Microwaves |
| 240 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Antenna Measurements |
| 241 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Analog and Digital VLSI Design |
| 242 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Nano Electronics Device Modelling & Simulation |
| 243 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | Analog Integrated Circuit |
| 244 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | MEMS based sensors |
| 245 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Signal processing with AI ML in application such as EEG, EMG or wireless communication |
| 246 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Filter design with optimization algorithm |
| 247 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VIJAY JANYANI | Intelligent control and optimization in optical communication networks using AI |
| 248 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VIJAY JANYANI | AI driven optimization of next geeration optical networks |
| 249 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. M. M. SHARMA | FSS, Absorber and rasorber |
| 250 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. M. M. SHARMA | Design of 6G antenna using AI and ML |
| 251 | HUMANITIES AND SOCIAL SCIENCE | DR. VIBHUTI SINGH SHEKHAWAT | Indian Political System |
| 252 | HUMANITIES AND SOCIAL SCIENCE | DR. VIBHUTI SINGH SHEKHAWAT | Indian Democracy and World Affairs |
| 253 | HUMANITIES AND SOCIAL SCIENCE | DR. NIDHI BANSAL | Sociology: Digital Inequalities, Social and Cultural Change |
| 254 | HUMANITIES AND SOCIAL SCIENCE | DR. NIDHI BANSAL | Sociology: Inclusive and Sustainable Urban Development |
| 255 | MANAGEMENT STUDIES | DR. MONICA SHARMA | Sustainable Supply Chain |
| 256 | MANAGEMENT STUDIES | DR. MONICA SHARMA | Market Development for Sustainable Fashion |
| 257 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Circular supply chain operations |
| 258 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Regenerative suppply chains |
| 259 | MANAGEMENT STUDIES | DR. DIVESH KUMAR | Marketing for sustainable product |
| 260 | MANAGEMENT STUDIES | DR. DIVESH KUMAR | Social media marketing for sustainable products |

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| 261 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Sustainable Business Strategies and Circular Economy |
| 262 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Business Analytics, Digital Twin & AI |
| 263 | MANAGEMENT STUDIES | DR. DEEPAK VERMA | Consumer Behavior in Online/Digital Environments |
| 264 | MANAGEMENT STUDIES | DR. DEEPAK VERMA | AI in Higher Education |
| 265 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Supply Chain Modeling and Optimization |
| 266 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Data Analytics for Sports |
| 267 | MANAGEMENT STUDIES | DR. REETA SINGH | Hybrid Work Model and Employee Engagement |
| 268 | MANAGEMENT STUDIES | DR. REETA SINGH | Workforce Planning - Reskilling & Upskilling for technological advancements |
| 269 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Developmental Research |
| 270 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Impact Analysis |
| 271 | MATERIAL RESEARCH CENTER | DR. BHAGWATI SHARMA | Development of transition metal oxide based materials for mimicking enzymes and biosensing applications. |
| 272 | MATERIAL RESEARCH CENTER | DR. BHAGWATI SHARMA | Self-healing and stimuli-responsive metallogels for electronic applications |
| 273 | MATERIAL RESEARCH CENTER | DR. SANDHYA VERMA | Microstructure-Informed Mitigation of Edge Cracking in DP980 Steel for Automotive Applications |
| 274 | MATERIAL RESEARCH CENTER | DR. SANDHYA VERMA | Structure-Property Correlation of Negative Photoresists for Microsensor Applications |
| 275 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Next-Generation Photovoltaic Technologies Compatible with Industrial Scale Ambient and Green Processing. |
| 276 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Process Engineering for Thin Film Semiconductors Used in Extreme/Harsh Environments Application. |
| 277 | MATERIAL RESEARCH CENTER | DR. NISHA VERMA | 2D Materials for Energy Storage |
| 278 | MATERIAL RESEARCH CENTER | DR. NISHA VERMA | Double Perovskite for Energy Storage |
| 279 | MATHEMATICS | DR. RITU AGARWAL | Modeling and analysis of fractional epidemiological models |
| 280 | MATHEMATICS | DR. RITU AGARWAL | Numerical simulation and analysis of dynamical systems |
| 281 | MATHEMATICS | DR. PRATIBHA SHAKYA | Conforming Finite element method for partial differential equations |
| 282 | MATHEMATICS | DR. PRATIBHA SHAKYA | Discontinuous Galerkin Finite element methods for partial differential equations |
| 283 | MATHEMATICS | DR. KUSHAL SHARMA | Mathematical modeling using Differential Equations |
| 284 | MATHEMATICS | DR. KUSHAL SHARMA | Advanced Mathematical Modeling Using Differential Equations and Computational Methods |
| 285 | MATHEMATICS | DR. SANTOSH CHAUDHARY | Computational Modeling of Partial Differential Equations |
| 286 | MATHEMATICS | DR. SANTOSH CHAUDHARY | Modeling of Differential Equations |
| 287 | MATHEMATICS | DR. OM P. SUTHAR | Advanced Numerical Methods for Differential Equations and Their Applications |
| 288 | MATHEMATICS | DR. OM P. SUTHAR | Physics-Informed Neural Networks for Differential Equations and Fluid Flow |
| 289 | MATHEMATICS | DR. SANJAY BHATTER | Application of fractional calculus and special functions in Mathematical modeling |
| 290 | MATHEMATICS | DR. SANJAY BHATTER | Study of Generalized Special function and its applications |
| 291 | MECHANICAL ENGINEERING | DR. NARESH KUMAR RAGHUWANSHI | Intelligent fault diagnosis of rotating machinery |
| 292 | MECHANICAL ENGINEERING | DR. NARESH KUMAR RAGHUWANSHI | Intelligent active vibration control |
| 293 | MECHANICAL ENGINEERING | DR. GUNJAN SONI | Supply Chain Informatics |

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| 294 | MECHANICAL ENGINEERING | DR. GUNJAN SONI | Physics Informed Predictive Maintenance |
| 295 | MECHANICAL ENGINEERING | DR. JYOTIRMAY MATHUR | Low Energy cooling systems |
| 296 | MECHANICAL ENGINEERING | DR. JYOTIRMAY MATHUR | Indoor Environment Quality Assessment and Energy Efficiency |
| 297 | MECHANICAL ENGINEERING | DR. MANISH KUMAR | Flow and Heat Transfer in Porous Media |
| 298 | MECHANICAL ENGINEERING | DR. MANISH KUMAR | Non-Newtonian Flow through Porous Media |
| 299 | MECHANICAL ENGINEERING | DR. ANUP MALIK | Design and Development of Heat Dissipation Devices |
| 300 | MECHANICAL ENGINEERING | DR. ANUP MALIK | Development of Composites for Defense Applications |
| 301 | MECHANICAL ENGINEERING | DR. PANKAJ KUMAR GUPTA | Parametric Optimization and hybrid Machining of Semi-Conductive Materials |
| 302 | MECHANICAL ENGINEERING | DR. PANKAJ KUMAR GUPTA | Parametric Optimization and Ultrasonic Machining of Semi-Conductive Materials |
| 303 | MECHANICAL ENGINEERING | DR. AMAR PATNAIK | Development and Optimization of Advanced Hybrid Materials for High-Velocity Impact Resistance |
| 304 | MECHANICAL ENGINEERING | DR. AMAR PATNAIK | Numerical and Experimental Investigation of Advanced Hybrid Materials for High-Velocity Impact Protection |
| 305 | MECHANICAL ENGINEERING | DR. TAPAS BAJPAI | Pulsed waveform engineering for the MIG Welding process to mitigate residual stress and distortion in dissimilar weld joints |
| 306 | MECHANICAL ENGINEERING | DR. TAPAS BAJPAI | Thermomechanical modelling and process parameter optimisation for underwater wet welding process of dissimilar materials |
| 307 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Additive Manufacturing (3D printing) for Orthosis/Prosthesis Development |
| 308 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Textile Composite Hybrid(Carbon-Kevlar-UHMWPE) Fabrication, Characterisation and Product Development |
| 309 | MECHANICAL ENGINEERING | DR. GAURAV HEDAU | Boiling heat transfer in mini and microchannel heat sink |
| 310 | MECHANICAL ENGINEERING | DR. MUKESH KUMAR | Development of Functionally Graded Composites for Wear-Critical Engineering Components. |
| 311 | MECHANICAL ENGINEERING | DR. MUKESH KUMAR | Development of Corrosion and Wear Resistant Composites for Engineering Applications. |
| 312 | MECHANICAL ENGINEERING | DR. YASHWANT KOLI | Establishing Quantitative Microstructure-Corrosion-Fatigue Relationships in Wire arc additively manufactured Aluminium Alloys |
| 313 | MECHANICAL ENGINEERING | DR. YASHWANT KOLI | Multi-Objective Optimization of Deposition Parameters for Improved Geometric Accuracy and Mechanical Performance in WAAM. |
| 314 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Metamaterials |
| 315 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Structure Health Monitoring |
| 316 | MECHANICAL ENGINEERING | DR. SURENDRA SINGH GODARA | Design and Development of Nanocomposites for Defence applications |
| 317 | MECHANICAL ENGINEERING | DR. SURENDRA SINGH GODARA | Parametric analysis of laminated composites |
| 318 | MECHANICAL ENGINEERING | DR. G. D. AGARWAL | Recent Advances in Food Preservation Using Sustainable Options |
| 319 | MECHANICAL ENGINEERING | DR. G. D. AGARWAL | Performance Investigations of Low-Cost Rural Solar Drying Systems |
| 320 | MECHANICAL ENGINEERING | DR. RAJEEV AGRAWAL | AI enabled Sustainable Supply Chain operations |
| 321 | MECHANICAL ENGINEERING | DR. RAJEEV AGRAWAL | AI enabled Sustainable and Smart Manufacturing |
| 322 | MECHANICAL ENGINEERING | DR. ANOJ MEENA | Study and Development of hybrid composite through additive manufacturing. |
| 323 | MECHANICAL ENGINEERING | DR. ANOJ MEENA | Development of metal matrix composites reinforced with industrial by-products. |

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| 324 | MECHANICAL ENGINEERING | DR. MAKKHAN LAL MEENA | Ergonomics Intervention in Handicraft Sector |
| 325 | MECHANICAL ENGINEERING | DR. MAKKHAN LAL MEENA | Ergonomics Intervention in Automobile Sector |
| 326 | MECHANICAL ENGINEERING | DR. GULAB PAMNANI | Modelling and Failure Analysis of Advanced Engineering Materials for defence applications. |
| 327 | MECHANICAL ENGINEERING | DR. GULAB PAMNANI | Design of Advanced Materials for space applications |
| 328 | MECHANICAL ENGINEERING | DR. DINESH KUMAR | Physics Informed Neural Network (PINN) based Fracture and Failure Analysis of High Entropy Alloys (HEAs) |
| 329 | MECHANICAL ENGINEERING | DR. DINESH KUMAR | Continuum Damage Analysis of Bio-Inspired Composites using PINN |
| 330 | MECHANICAL ENGINEERING | DR. MANJINDER SINGH | AI-Driven Prediction and Prevention of Critical Heat Flux (experimental and theoretical study) |
| 331 | MECHANICAL ENGINEERING | DR. AMIT ARORA | Experimental and Computational Investigation of Subsonic Rotodynamic flows |
| 332 | MECHANICAL ENGINEERING | DR. AMIT ARORA | Thermal management of EV battery/ Electronics' heat |
| 333 | MECHANICAL ENGINEERING | DR. DINESH KUMAR RATHORE | CNT coated carbon fiber sensor for crack detection in aerospace grade composites |
| 334 | MECHANICAL ENGINEERING | DR. DINESH KUMAR RATHORE | Development of Advanced Composites with CNT-Coated Carbon Fibers for Hydrogen Storage Pressure Vessels |
| 335 | MECHANICAL ENGINEERING | DR. RAM DAYAL | Heat Transfer Enhancement |
| 336 | MECHANICAL ENGINEERING | DR. RAM DAYAL | Thermal Management of Electronic devices |
| 337 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJENDRA KUMAR GOYAL | Development of Polymer Matrix Nanocomposites Using Agricultural Waste |
| 338 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJENDRA KUMAR GOYAL | 3D Printing of High Performance Polymerc Composites for Biomedical Applications |
| 339 | METALLURGICAL AND MATERIALS ENGINEERING | DR. JYOTIRMAYA KAR | Weldability Assessment of Dissimilar Metals |
| 340 | METALLURGICAL AND MATERIALS ENGINEERING | DR. JYOTIRMAYA KAR | Additive Manufacturing of Materials for Aerospace Applications |
| 341 | METALLURGICAL AND MATERIALS ENGINEERING | DR. ABHISHEK TRIPATHI | Severe plastic deformation of titanium alloys for aerospace applications |
| 342 | METALLURGICAL AND MATERIALS ENGINEERING | DR. ABHISHEK TRIPATHI | Development of light metal alloys for automotive industry |
| 343 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | High temperature deformation behaviour of Ni-based superalloys |
| 344 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | Grain Boundary and Interphase Engineering in Ni-Based Superalloys for High-Temperature Applications |
| 345 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Heat treatment of precipitation hardened steels |
| 346 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Development of light high entropy alloys |
| 347 | METALLURGICAL AND MATERIALS ENGINEERING | DR. DEEPANKAR PANDA | A Correlative investigation of microstructure, texture and mechanical properties of light metal alloys for structural applications |
| 348 | METALLURGICAL AND MATERIALS ENGINEERING | DR. DEEPANKAR PANDA | Development of high-Performance light-metal Alloys for Automotive Applications |
| 349 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SWATI SHARMA | Development of High Entropy Alloys for Reversible Hydrogen Storage |
| 350 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SWATI SHARMA | Microstructure Engineering for an Enhanced Strength and Toughness in Ultra-High-Strength Martensitic Steels for Aerospace Applications |
| 351 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Desigh and Developmnet of cathode materials for Zn-ion batteries |
| 352 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Development of Self lubricating coatings |
| 353 | METALLURGICAL AND MATERIALS ENGINEERING | DR. MANJESH KUMAR MISHRA | Studies on microstructure and mechanical behaviour of steel |

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| 354 | METALLURGICAL AND MATERIALS ENGINEERING | DR. MANJESH KUMAR MISHRA | Effect of heat treatment on microstructure and mechanical behaviour of additive manufactured IN718 alloy |
| 355 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BRIJ MOHAN MUNDOTIYA | High entropy alloy coating as electrode material for battery applications |
| 356 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BRIJ MOHAN MUNDOTIYA | Development of self-healing coatings for marine applications. |
| 357 | METALLURGICAL AND MATERIALS ENGINEERING | DR. VIJAY NAVARATNA NADAKUDURU | Wear Behaviour of high entropy alloys synthesized via powder metallurgy route |
| 358 | METALLURGICAL AND MATERIALS ENGINEERING | DR. VIJAY NAVARATNA NADAKUDURU | RADAR absorbing high entropy alloys |
| 359 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI/ML-Assisted nanostructure Engineering of advanced magnets for power electronics applications |
| 360 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI-Assisted Design of Advanced Sodium-ion Battery Materials for Next-generation electric mobility |
| 361 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KRISHNA KUMAR | High Entropy Alloy coating for Aerospace Applications |
| 362 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KRISHNA KUMAR | Enhancing corrosion and wear properties of Nanoparticle Reinforced surface composite of AISI 410 steel produced through Additive Manufacturing |
| 363 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KUNAL JAYPRAKASH BORSE | Nanocomposite materials |
| 364 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SREEKUMAR VADAKKE MADAM | Novel Al cerium alloy |
| 365 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SREEKUMAR VADAKKE MADAM | Al based nanocomposites |
| 366 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJESH KUMAR RAI | SLM steel for the marine applications |
| 367 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJESH KUMAR RAI | HEA for aerospace applications |
| 368 | NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT | DR. JAGAJYOTI PANDA | Active/semi-active vibration control of structures |
| 369 | NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT | DR. JAGAJYOTI PANDA | Structural health monitoring and assessment of residual life |
| 370 | NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT | DR. NISHANT ROY | Safety Assessment of Dams |
| 371 | NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT | DR. NISHANT ROY | Seismic Design of Underground Structures |
| 372 | PHYSICS | DR. KAMLENDRA AWASTHI | Development of an AI-Integrated MOF-Conductive Polymer Hybrid Sensor Platform for Selective Detection of Toxic Gases |
| 373 | PHYSICS | DR. KAMLENDRA AWASTHI | Metal oxide nanostructure decorated polymers for flexible gas sensors |
| 374 | PHYSICS | DR. KAVITA LALWANI | Next-Generation Materials Discovery for Space and Defense Applications |
| 375 | PHYSICS | DR. KAVITA LALWANI | Use of AI/ML in Space Physics & Applications |
| 376 | PHYSICS | DR. ANIRBAN DUTTA | Nanomaterials for Energy Applications |
| 377 | PHYSICS | DR. ANIRBAN DUTTA | DFT Investigation for Metal-ion Battery |
| 378 | PHYSICS | DR. AKHILESH NAUTIYAL | Particle physics theories in the light of CMB and LSS observations |
| 379 | PHYSICS | DR. AKHILESH NAUTIYAL | Models of inflation and dark energy in the light of CMB and LSS observations |
| 380 | PHYSICS | DR. KAMAKSHI PANDEY | AI-Assisted CFD Optimization of Membrane and Flow-Field Geometries for Improved PEM Fuel Cell Efficiency |

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| 381 | PHYSICS | DR. KAMAKSHI PANDEY | Polymer-MOF Mixed-Matrix Membranes for Clean Energy Systems |
| 382 | PHYSICS | DR. K VENKATARATNAM KAMMA | Role of Dark Matter in Galaxy Formation and Evolution |
| 383 | PHYSICS | DR. K VENKATARATNAM KAMMA | Understanding the Accelerating Expansion of the Universe |

**Table 3. FULL-TIME SELF-FINANCED (WITHOUT ANY ASSISTANTSHIP/SCHOLARSHIP)**

| S.No. | Department/Centre | Faculty member Name | Tentative Research Area of proposed Ph.D. |
|---|---|---|---|
| 1 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Sustainable Urban Development |
| 2 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Planning for Energy Efficient Building |
| 3 | ARCHITECTURE AND PLANNING | DR. GIREENDRA KUMAR | Building Envelope Design for User's Comfort |
| 4 | ARCHITECTURE AND PLANNING | DR. GIREENDRA KUMAR | Development Regulations for Urban Design Appreciation |
| 5 | ARCHITECTURE AND PLANNING | DR. KALPANA PANDIT | Settlement pattern and water |
| 6 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Indoor Environmental Quality, Health and Performance |
| 7 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Urban Climate, Open Spaces and Thermal Environments |
| 8 | ARCHITECTURE AND PLANNING | DR. YASH KUMAR MITTAL | Construction Project Management |
| 9 | ARCHITECTURE AND PLANNING | DR. YASH KUMAR MITTAL | Transport Planning and Engineering |
| 10 | ARCHITECTURE AND PLANNING | DR. SUNITA M DODDAMANI | Architectural Systems and Building Envelopes for Sustainable, Adaptive and Resilient Built Environments |
| 11 | ARCHITECTURE AND PLANNING | DR. ATUL KUMAR BILTORIA | Planning for Urban Sustainability |
| 12 | ARCHITECTURE AND PLANNING | DR. ATUL KUMAR BILTORIA | Smart Cities development and maintenance with local Research Units |
| 13 | ARCHITECTURE AND PLANNING | DR. SATISH PIPRALIA | Development regulations for Historic Built Environment |
| 14 | ARCHITECTURE AND PLANNING | DR. SATISH PIPRALIA | State Urbanization Policy |
| 15 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Sustainable Materials and Practices for Circular Economy |
| 16 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Inclusive Planning and Universal Accessibility in Urban Environment |
| 17 | ARCHITECTURE AND PLANNING | DR. NIRUTI GUPTA | Sustainable Infrastructure for Liveable Cities |
| 18 | ARCHITECTURE AND PLANNING | DR. NIRUTI GUPTA | Resilient Cities: Planning for Risk, Recovery and Climate Extremes |
| 19 | ARCHITECTURE AND PLANNING | DR. SUSHMITA CHOUDHARY | Urban Morphology, Spatial Structure and Urban Growth |
| 20 | ARCHITECTURE AND PLANNING | DR. SUSHMITA CHOUDHARY | Green-Blue Infrastructure |
| 21 | ARCHITECTURE AND PLANNING | DR. POOJA NIGAM | Planning for Sustainable Urban Development |
| 22 | ARCHITECTURE AND PLANNING | DR. POOJA NIGAM | Computational approach to Urban Planning |
| 23 | ARCHITECTURE AND PLANNING | DR. AMAN SHARMA | Craft-derived computational design: translating the structural logic of crafts into parametric architectural surfaces, screens and jaaliss and transformation |

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| 24 | ARCHITECTURE AND PLANNING | DR. AMAN SHARMA | Heat-adaptation infrastructure: thermal performance, access and transformation |
| 25 | ARCHITECTURE AND PLANNING | DR. MANISH SHARMA | Disaster planning |
| 26 | ARCHITECTURE AND PLANNING | DR. MANISH SHARMA | Solid waste management |
| 27 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Brain Computer Interface |
| 28 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Explainable AI |
| 29 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. DINESH GOPALANI | Long-tailed learning (LTL) |
| 30 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. DINESH GOPALANI | AI in Agriculture |
| 31 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. ARYA PRAKASH PADHI | Generative AI and its application including in structural design |
| 32 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. ARYA PRAKASH PADHI | Neural Operator and Foundation model |
| 33 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Bioenergy Systems |
| 34 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Biofuel |
| 35 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Hydrogen Energy |
| 36 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Energy Policy and management |
| 37 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Energy storage technology |
| 38 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Thermal energy systems |
| 39 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Planning and Operation of Future Power Systems with High Renewable Energy Penetration |
| 40 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Integrated Energy System Planning for Decarbonisation |
| 41 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. SUNANDA SINHA | Sustainability |
| 42 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. SUNANDA SINHA | Energy policy |
| 43 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. AMARTYA CHOWDHURY | Net zero energy building |
| 44 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. AMARTYA CHOWDHURY | Building integrated photovoltaics |
| 45 | CHEMICAL ENGINEERING | DR. SURAJIT GHOSH | Hydrogen production through perovskite materials |
| 46 | CHEMICAL ENGINEERING | DR. SURAJIT GHOSH | Development of biosensor using plant based scaffold |
| 47 | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Wastewater/water treatment using hybrid technique |
| 48 | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Novel materials for engineering applications |
| 49 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Hybrid electrolycatalysis of water and biomass |
| 50 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Electrochemical performance assessment of proton conducting solid oxide electrolysis/fuel cell |
| 51 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Valorization of metalic waste |
| 52 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Conversion of cellulosic waste into useful products |
| 53 | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | E-waste Recycling |
| 54 | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | Spent LCD/LED panel recycling |
| 55 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Process Intensification and AI-Driven Optimization of Advanced Oxidation Processes |

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| 56 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Advanced Photocatalysis and Oxidation Technologies for Industrial Effluent Remediation |
| 57 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Study of carbon campture methodologies |
| 58 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Waste valorisation through pyrolysis |
| 59 | CHEMICAL ENGINEERING | DR. BIKASHBINDU DAS | Efficient catalyst design and application in environmental pollution mitigation |
| 60 | CHEMICAL ENGINEERING | DR. BIKASHBINDU DAS | Formulation and application of CMP slurry |
| 61 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Development of photocatalyst for wastewater treatment |
| 62 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Advanced oxidation process for pollution degradation |
| 63 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Development Green Catalyst for Water Treatment |
| 64 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Development of Next Generation Multivalent Metal-ion Battery |
| 65 | CHEMICAL ENGINEERING | DR. RAJEEV KUMAR DOHARE | Water and wastewater treatment from biomass |
| 66 | CHEMICAL ENGINEERING | DR. RAJEEV KUMAR DOHARE | Optimization study of biohydrogen production |
| 67 | CHEMICAL ENGINEERING | DR. MANISH VASHISHTHA | Efficient strategies for environmental remediation |
| 68 | CHEMICAL ENGINEERING | DR. MANISH VASHISHTHA | Modelling and Simulation for fluid flow systems |
| 69 | CHEMICAL ENGINEERING | DR. SUSHANT UPADHYAYA | Pore Structure Engineering and Gas Permeation Characterization of Hydrophobic Microporous Membranes for Membrane Distillation |
| 70 | CHEMICAL ENGINEERING | DR. SUSHANT UPADHYAYA | Mathematical Modeling and Experimental Development of High-Performance Waste-Polymer Pellets by Extrusion Molding |
| 71 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Wastewater Treatment by Nature based Techniques |
| 72 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Carbon Capture and Conversion Studies |
| 73 | CIVIL ENGINEERING | DR. LEELAMBAR SINGH | Optimization of Hydrogen Infrastructure Under Climate Stress. |
| 74 | CIVIL ENGINEERING | DR. LEELAMBAR SINGH | Optimization of Urban Solar Expansion for Climate-Resilient Cities |
| 75 | CIVIL ENGINEERING | DR. MANOJ KUMAR DIWAKAR | Assessment of Hydroclimatic Extremes and Their Implications for Surface-Water Availability |
| 76 | CIVIL ENGINEERING | DR. MANOJ KUMAR DIWAKAR | Integrated Assessment of Climate Variability, Land-Use Change and Their Combined Effects on Surface-Water Availability |
| 77 | CIVIL ENGINEERING | DR. ABHISEKH SAHA | Dune Sand stabilization |
| 78 | CIVIL ENGINEERING | DR. ABHISEKH SAHA | Climate change effect on geotechnical infrastructures |
| 79 | CIVIL ENGINEERING | DR. ANOOP IRANNA SHIRKOL | Structural Dynamics |
| 80 | CIVIL ENGINEERING | DR. ANOOP IRANNA SHIRKOL | Seismic Analysis |
| 81 | CIVIL ENGINEERING | DR. URMILA BRIGHU | Water and wastewater treatment |
| 82 | CIVIL ENGINEERING | DR. URMILA BRIGHU | Water and sanitation sector management |
| 83 | CIVIL ENGINEERING | DR. RUCHI SHARMA | AI-Driven Sustainable Infrastructure and Environmental Systems Analysis |
| 84 | CIVIL ENGINEERING | DR. RUCHI SHARMA | Air Pollution Exposure and Human Health Risk Assessment in Smart Cities |
| 85 | CIVIL ENGINEERING | DR. UTTAM SINGH | Interaction of surface and groundwater |
| 86 | CIVIL ENGINEERING | DR. UTTAM SINGH | Soft computing in water resources |
| 87 | CIVIL ENGINEERING | DR. VINAY AGRAWAL | Utilization of Mining/Industrial/Construction and Demolition Waste in concrete |

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| 88 | CIVIL ENGINEERING | DR. VINAY AGRAWAL | Application of Artificial Intelligence and Machine Learning in Structures |
| 89 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | 5G/6G communications and its security |
| 90 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Security for AI-Native Communication |
| 91 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Artificial Intelligence, Machine Learning and Deep Learning |
| 92 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Pattern recognition using hybrid deep learning techniques for medical and agricultural applications |
| 93 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Machine learning and Artificial Intelligence |
| 94 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Tiny Machine Learning / LLM Driven Solutions |
| 95 | COMPUTER SCIENCE AND ENGINEERING | DR. VIJAY LAXMI | DeceptLLM - why LLM hallucinates? |
| 96 | COMPUTER SCIENCE AND ENGINEERING | DR. VIJAY LAXMI | AI attacks and defenses |
| 97 | COMPUTER SCIENCE AND ENGINEERING | DR. YOGESH KUMAR MEENA | Generative AI and Large Language Models for Domain-Specific Knowledge Discovery |
| 98 | COMPUTER SCIENCE AND ENGINEERING | DR. NAMITA MITTAL | Fine-Tuning for Multidialect Machine Translation Using AI |
| 99 | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | Multimodal and Generative AI for Healthcare |
| 100 | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | Efficient Deep Learning for Computer Vision |
| 101 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | LLM for OCR-Aware Knowledge Discovery |
| 102 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | AI-powered geospatial change-detection platform |
| 103 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Generative AI and Large Language Models for Intelligent Educational Systems |
| 104 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Machine/Deep Learning with graphs |
| 105 | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Artificial Intelligence and Machine Learning for Intelligent Systems and Real-World Applications |
| 106 | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Multimodal Generative AI |
| 107 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Federated learning and edge computing |
| 108 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Semantic and Structural Representation Learning for Software Security |
| 109 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Machine/Deep Learning in Software Reliability |
| 110 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Blockchain Integrated IoT Security |
| 111 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Artificial Intelligence for Cyber Security |
| 112 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Security framework for Drones |
| 113 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Agentic AI for Threat Hunting and Incident Response in Industrial CPS |
| 114 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Supply-Chain Risk Analysis and Vulnerability Intelligence for CPS |
| 115 | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | Applications of Artificial Intelligence and Machine Learning |
| 116 | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | AI/ML based privacy and security Solutions |
| 117 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Quantum Key Distribution |
| 118 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Security in The Onion Routing (Tor) and Darkweb |

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| 119 | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Deeplearning Multimodal Architectures |
| 120 | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | AI and Deeplearning |
| 121 | COMPUTER SCIENCE AND ENGINEERING | DR. ARKA PROKASH MAZUMDAR | Unified Quantum Routing Theory |
| 122 | COMPUTER SCIENCE AND ENGINEERING | DR. ARKA PROKASH MAZUMDAR | Fedarated Machine Unlearning |
| 123 | ELECTRICAL ENGINEERING | DR. RAJIVE TIWARI | Electric vehicle |
| 124 | ELECTRICAL ENGINEERING | DR. RAJIVE TIWARI | Renewable energy integration |
| 125 | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | DC-DC Converters |
| 126 | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | Electric Vehicle Chargers |
| 127 | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | Nonlinear Dynamical Systems: Bifurcation Analysis, Stability and Control |
| 128 | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | Intelligent Measurement, System Identification and Data-Driven Control |
| 129 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robust Sliding Mode Control |
| 130 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robotics and Control |
| 131 | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | operation and control of modern power system |
| 132 | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | Power system Economics |
| 133 | ELECTRICAL ENGINEERING | DR. DIPTI SAXENA | Secure and Privacy-Preserving Distributed Energy Management in Smart Grids |
| 134 | ELECTRICAL ENGINEERING | DR. DIPTI SAXENA | AI-Driven Coordinated management of Electric and Hydrogen Vehicles for Low-Carbon Power System Operation |
| 135 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Blockchain Application for Peer to Peer Energy Trading |
| 136 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Operation and Control with GFM/GFL based inverter Control design |
| 137 | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Power Electronics |
| 138 | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Electric Vehicle |
| 139 | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Robotics & Automation |
| 140 | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Optimization techniques with electromechanical applications |
| 141 | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | Smart Meter Data Analytics |
| 142 | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | Distributed Optimization Applications in Power Systems |
| 143 | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for Robotics and UAV |
| 144 | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for power management |
| 145 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Power System Operation |
| 146 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Electricity Markets |
| 147 | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | Artifical intellence applications for control |
| 148 | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI applications for power system |
| 149 | ELECTRICAL ENGINEERING | DR. PRERNA JAIN | Grid operation under large renewable integration using AI |
| 150 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. GHANSHYAM SINGH | Efficient Silicon Photonics for high end applications |
| 151 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. GHANSHYAM SINGH | Large Scale Integrated Quantum Photonics |
| 152 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | AI/ML in Heathcare |

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| 153 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | Brain Computer Interface applications |
| 154 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | AI/ML Algorithms for Wireless Sensor Networks |
| 155 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | Distributed Data Processing in Wireless Sensor Networks |
| 156 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. KULDEEP SINGH | Artificial Intelligence for Healthcare |
| 157 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. KULDEEP SINGH | Electronic Systems for Biomedical Engineering |
| 158 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | AI/ML for Biomedical Signal and Image Analysis |
| 159 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | AI-Driven Environmental Monitoring using IoT |
| 160 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. MENKA | Approximate computing hardware for data processing |
| 161 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. MENKA | Compute in memory hardware for neuromorphic computing |
| 162 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | Antenna for 5G/6G Applications |
| 163 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | THz Antenna |
| 164 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. DEEPAK BHARTI | Semiconductors devices and flexible electronics |
| 165 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. DEEPAK BHARTI | Flexible sensing technologies and IoT |
| 166 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | synthesis and characterization of Diamond wafer for chip fabrication |
| 167 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | AI/ML assisted Peizo and triboelectric sensor for healthcare |
| 168 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ARUN KUMAR | Semiconductor Devices and Modeling |
| 169 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ARUN KUMAR | Reliability analysis of Devices using Machine learning |
| 170 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Microwaves |
| 171 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Antenna Measurements |
| 172 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Analog and Digital VLSI Design |
| 173 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Nano Electronics Device Modelling & Simulation |

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| 174 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | Analog Integrated Circuits |
| 175 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | MEMS based Sensors |
| 176 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Signal processing with AI ML in application such as EEG, EMG or wireless communication |
| 177 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Filter design with optimization algorithm |
| 178 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. M. M. SHARMA | Design of 6G antenna using AI and ML |
| 179 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. M. M. SHARMA | FSS, Absorber and rasorber |
| 180 | MANAGEMENT STUDIES | DR. MONICA SHARMA | Sustainable Supply Chain |
| 181 | MANAGEMENT STUDIES | DR. MONICA SHARMA | Market Development for Sustainable Fashion |
| 182 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Circular supply chain operations |
| 183 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Regenerative suppply chains |
| 184 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Artificial Intelligence and Generative AI in Digital Marketing |
| 185 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Sustainabilty and Green Marketing |
| 186 | MANAGEMENT STUDIES | DR. AAKANKSHA KATARIA | Digital Transformation and Human Resource Management (HRM) |
| 187 | MANAGEMENT STUDIES | DR. AAKANKSHA KATARIA | Mindfulness in Organizations |
| 188 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Business Analytics, Digital Twin & AI |
| 189 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Sustainable Operations Finance and Business Performance |
| 190 | MANAGEMENT STUDIES | DR. DEEPAK VERMA | AI in Higher Education |
| 191 | MANAGEMENT STUDIES | DR. DEEPAK VERMA | Consumer Behavior in Online/Digital Environments |
| 192 | MANAGEMENT STUDIES | DR. SHRIDEV | Corporate Finance |
| 193 | MANAGEMENT STUDIES | DR. SHRIDEV | Capital Market |
| 194 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Supply Chain Modeling and Optimization |
| 195 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Data Analytics for Sports |
| 196 | MANAGEMENT STUDIES | DR. SHWETA SHARMA | Corporate Finance |
| 197 | MANAGEMENT STUDIES | DR. SHWETA SHARMA | Consumer Economics |
| 198 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Impact Analysis |
| 199 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Sustainability |
| 200 | MATERIAL RESEARCH CENTER | DR. BHAGWATI SHARMA | Multifunctional supramolecular metal-organic gels |
| 201 | MATERIAL RESEARCH CENTER | DR. BHAGWATI SHARMA | Fluorescent carbon nanostructures for sensing and biological applications |
| 202 | MATERIAL RESEARCH CENTER | DR. SANDHYA VERMA | Microstructure-Informed Mitigation of Edge Cracking in DP980 Steel for Automotive Applications |
| 203 | MATERIAL RESEARCH CENTER | DR. SANDHYA VERMA | Structure-Property Correlation of Negative Photoresists for Microsensor Applications |
| 204 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Design of Experiment and Process Optimization of GaN/AlGaN Growth. |

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| 205 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Investigation of Defects formation, Composite Uniformity, and Interface quality in GaN/AlGaN |
| 206 | MATERIAL RESEARCH CENTER | DR. NISHA VERMA | Thermoelectric Material for near Room Temperature Application |
| 207 | MATERIAL RESEARCH CENTER | DR. NISHA VERMA | Coating Material for Radar Absorbing Application |
| 208 | MECHANICAL ENGINEERING | DR. NARESH KUMAR RAGHUWANSHI | Intelligent fault diagnosis of rotating machinery |
| 209 | MECHANICAL ENGINEERING | DR. NARESH KUMAR RAGHUWANSHI | Intelligent active vibration control |
| 210 | MECHANICAL ENGINEERING | DR. JYOTIRMAY MATHUR | Low Energy cooling systems |
| 211 | MECHANICAL ENGINEERING | DR. JYOTIRMAY MATHUR | Indoor Environment Quality Assessment and Energy Efficiency |
| 212 | MECHANICAL ENGINEERING | DR. MANISH KUMAR | Flow, Transport and Heat Transfer in Porous Media |
| 213 | MECHANICAL ENGINEERING | DR. ANUP MALIK | Design and Development of Heat Dissipation Devices |
| 214 | MECHANICAL ENGINEERING | DR. ANUP MALIK | Development of Composites for Defense Applications |
| 215 | MECHANICAL ENGINEERING | DR. PANKAJ KUMAR GUPTA | Development and Characterization of Waste-to-Wealth Materials for Sustainable Engineering Applications |
| 216 | MECHANICAL ENGINEERING | DR. PANKAJ KUMAR GUPTA | Development, Characterization, and Performance Evaluation of Sustainable Materials for Engineering Applications |
| 217 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Micro-Machining (EDM) and Abrasive Flow Machine (AFM) for Micro-Channel based Device Development |
| 218 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Mechatronics based Frugal Product Design and Development |
| 219 | MECHANICAL ENGINEERING | DR. MUKESH KUMAR | Development of Sustainable Composites Using Industrial Waste for Engineering Applications. |
| 220 | MECHANICAL ENGINEERING | DR. MUKESH KUMAR | Development of AI-Assisted Optimized Composites for Improved Mechanical and Tribological Performance |
| 221 | MECHANICAL ENGINEERING | DR. YASHWANT KOLI | Influence of Torch Orientation and Deposition Strategy on Dimensional Accuracy of WAAM Components. |
| 222 | MECHANICAL ENGINEERING | DR. YASHWANT KOLI | Experimental Investigation of the Interaction Between Travel Speed, Deposition Rate, and Interpass Temperature in WAAM |
| 223 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Metamaterial-Based Ergonomic seating for Vibration Reduction |
| 224 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Operational Modal Analysis of Lightweight Structures for Early Damage Detection |
| 225 | MECHANICAL ENGINEERING | DR. SURENDRA SINGH GODARA | Design and Development of Nanocomposites for Defence applications |
| 226 | MECHANICAL ENGINEERING | DR. SURENDRA SINGH GODARA | Micromechanical analysis of nanocomposites |
| 227 | MECHANICAL ENGINEERING | DR. G. D. AGARWAL | Recent Advances in Food Preservation Using Sustainable Options |
| 228 | MECHANICAL ENGINEERING | DR. G. D. AGARWAL | Performance Investigations of Low-Cost Rural Solar Drying Systems |
| 229 | MECHANICAL ENGINEERING | DR. RAJEEV AGRAWAL | Disruptive technology enabled circularity in Supply Chain |
| 230 | MECHANICAL ENGINEERING | DR. RAJEEV AGRAWAL | Impact of industry 5.0 on supply chain traceability |
| 231 | MECHANICAL ENGINEERING | DR. GULAB PAMNANI | Damage Detection and Failure Assessment of Engineering Structures |
| 232 | MECHANICAL ENGINEERING | DR. GULAB PAMNANI | Structural Health Monitoring and Remaining-Life Prediction |
| 233 | MECHANICAL ENGINEERING | DR. DINESH KUMAR | Phase Field Modelling for Dynamic Fracture in Ultra-High Performance Concrete (UHPC) |
| 234 | MECHANICAL ENGINEERING | DR. DINESH KUMAR | PINN Based Fracture and Failure Analysis of High Strength Low Alloys |

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| 235 | MECHANICAL ENGINEERING | DR. MANJINDER SINGH | AI-Driven Prediction and Prevention of Critical Heat Flux (experimental and theoretical study) |
| 236 | MECHANICAL ENGINEERING | DR. AMIT ARORA | Compact heat exchangers |
| 237 | MECHANICAL ENGINEERING | DR. AMIT ARORA | Heat transfer enhancement |
| 238 | MECHANICAL ENGINEERING | DR. DINESH KUMAR RATHORE | Mechanical performance of nano-particle modified FRP composites for marine applications |
| 239 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJENDRA KUMAR GOYAL | Synthesis of Nanomaterials and Their Properties |
| 240 | METALLURGICAL AND MATERIALS ENGINEERING | DR. JYOTIRMAYA KAR | Weldability studies of dissimilar metals |
| 241 | METALLURGICAL AND MATERIALS ENGINEERING | DR. JYOTIRMAYA KAR | Additive manufacturing of materials related to aerospace sector |
| 242 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | Grain Boundary and Interface Engineering for Improved Creep Resistance and Environmental Stability of High-Temperature Alloys |
| 243 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | Mechanical and microstructural behaviour of High temperature Ni-based superalloy |
| 244 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Correlation of properties of additively manufactured automotive steels |
| 245 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Development of light high entropy alloys |
| 246 | METALLURGICAL AND MATERIALS ENGINEERING | DR. DEEPANKAR PANDA | A comparative study of structure-property correlation in cast and wrought alloys |
| 247 | METALLURGICAL AND MATERIALS ENGINEERING | DR. DEEPANKAR PANDA | Study of crystallographic texture in materials |
| 248 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SWATI SHARMA | Development of High Temperature Oxidation Resistant Coatings |
| 249 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SWATI SHARMA | Functionally graded and multilayer TBCs |
| 250 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Development of Self lubricating coatings |
| 251 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Development of Self lubricating coatings |
| 252 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BRIJ MOHAN MUNDOTIYA | High entropy alloy coating as electrode material for battery applications |
| 253 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BRIJ MOHAN MUNDOTIYA | Development of self-healing coatings for marine applications |
| 254 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI-Assisted design of Advanced Magneto-thermoelectric materials |
| 255 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI/ML-Assisted nanostructure engineering of advanced magnets for power electronics |
| 256 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KRISHNA KUMAR | Design and Characterization of Refractory High-Entropy Alloys (RHEAs) for Next-Generation Nuclear Fusion Reactors |
| 257 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KRISHNA KUMAR | Tracking the kinetics of the solid-state reduction of iron ore using pure Hydrogen vs. syngas |
| 258 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KUNAL JAYPRAKASH BORSE | Nanocomposite materials |
| 259 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SREEKUMAR VADAKKE MADAM | Rare earth metal extraction by reaction synthesis |
| 260 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SREEKUMAR VADAKKE MADAM | Al foam |
| 261 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJESH KUMAR RAI | Ni based superalloy |
| 262 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJESH KUMAR RAI | Ti alloy for landing gear |
| 263 | NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT | DR. NISHANT ROY | Seismic Design of Urban Excavation Systems |

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| 264 | NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT | DR. NISHANT ROY | Safety Assessment of Dams |
| 265 | PHYSICS | DR. KAMLENDRA AWASTHI | Nanostructured MOF-Based Membranes for Hydrogen Separation |
| 266 | PHYSICS | DR. KAMLENDRA AWASTHI | Nanostructured Hybrid Materials for Gas Sensing Applications |
| 267 | PHYSICS | DR. DEBASISH SARKAR | Materials and Device Engineering for Efficient Water Electrolysis -Optimization of electrodes, catalysts, and membranes for sustainable hydrogen generation |
| 268 | PHYSICS | DR. DEBASISH SARKAR | Earth-Abundant Electrocatalysts for Green Hydrogen Production -Development of low-cost, efficient catalysts for water electrolysis |
| 269 | PHYSICS | DR. KAMAKSHI PANDEY | Polymer Nanocomposite Membranes for Low-Energy Separation in Clean-Energy Systems |
| 270 | PHYSICS | DR. KAMAKSHI PANDEY | CFD driven Bioinspired Patterned Membranes for Enhanced Water Filtration |

**Table 4. 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. NAND KUMAR | Sustainable Urban Development |
| 2 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Planning for Energy Efficient Building |
| 3 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Tourism Planning for Historic Town |
| 4 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Climate Change and Sustainable Development |
| 5 | ARCHITECTURE AND PLANNING | DR. GIREENDRA KUMAR | Urban Design Regulations for Smart Cities |
| 6 | ARCHITECTURE AND PLANNING | DR. GIREENDRA KUMAR | Building Performance and Users' Comfort |
| 7 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Indoor Environmental Quality, Health and Performance |
| 8 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Urban Climate, Open Spaces and Thermal Environments |
| 9 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Occupant Behaviour and Building Performance |
| 10 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Daylighting and Visual Comfort |
| 11 | ARCHITECTURE AND PLANNING | DR. YASH KUMAR MITTAL | Urban Infrastructure Planning and Management |
| 12 | ARCHITECTURE AND PLANNING | DR. YASH KUMAR MITTAL | Planning for Disaster Resilience |
| 13 | ARCHITECTURE AND PLANNING | DR. YASH KUMAR MITTAL | Construction Project Management |
| 14 | ARCHITECTURE AND PLANNING | DR. YASH KUMAR MITTAL | Transportation Planning and Engineering |
| 15 | ARCHITECTURE AND PLANNING | DR. SUNITA M DODDAMANI | Architectural Systems and Building Envelopes for Sustainable, Adaptive and Resilient Built Environments |
| 16 | ARCHITECTURE AND PLANNING | DR. ATUL KUMAR BILTORIA | Efficient Transport and Freight System for hilly terrain |
| 17 | ARCHITECTURE AND PLANNING | DR. ATUL KUMAR BILTORIA | Urban Air Quality in Mega cities |
| 18 | ARCHITECTURE AND PLANNING | DR. ATUL KUMAR BILTORIA | Smart City Infrastructure Management and optimization |
| 19 | ARCHITECTURE AND PLANNING | DR. ATUL KUMAR BILTORIA | Housing Design and Modularity |

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| 20 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Energy Efficient Built Environment |
| 21 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Sustainable Materials and Practices in Construction |
| 22 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Circular Economy in Management of Solid Waste in Urban Area |
| 23 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Urban Water Resource Management |
| 24 | ARCHITECTURE AND PLANNING | DR. NIRUTI GUPTA | Sustainable Infrastructure for Liveable Cities |
| 25 | ARCHITECTURE AND PLANNING | DR. NIRUTI GUPTA | Resilient Cities: Planning for Risk, Recovery and Climate Extremes |
| 26 | ARCHITECTURE AND PLANNING | DR. POOJA NIGAM | Planning for Sustainable Urban Development |
| 27 | ARCHITECTURE AND PLANNING | DR. POOJA NIGAM | Computational approach to Urban Planning |
| 28 | ARCHITECTURE AND PLANNING | DR. POOJA NIGAM | Urban Growth Management and Land Use Planning |
| 29 | ARCHITECTURE AND PLANNING | DR. POOJA NIGAM | Vernacular Architecture and Heritage Planning |
| 30 | ARCHITECTURE AND PLANNING | DR. AMAN SHARMA | Computational design and digital fabrication |
| 31 | ARCHITECTURE AND PLANNING | DR. AMAN SHARMA | Heritage Impact Assessment and conservation management of historic cities |
| 32 | ARCHITECTURE AND PLANNING | DR. AMAN SHARMA | Traditional knowledge systems in water heritage and settlements |
| 33 | ARCHITECTURE AND PLANNING | DR. AMAN SHARMA | Immersive technologies (AR/VR) and narrative design |
| 34 | ARCHITECTURE AND PLANNING | DR. MANISH SHARMA | Sustainable planning |
| 35 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Generative AI |
| 36 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Computer Vision for the Robotics |
| 37 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Deep Learning |
| 38 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. DINESH GOPALANI | Multilingual Natural Language Processing |
| 39 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. DINESH GOPALANI | AI in Healthcare |
| 40 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Circular economy |
| 41 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Renewable Energy |
| 42 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Energy storage technology |
| 43 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Solar thermal technology |
| 44 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Integrated Resource planning and role of energy storage |
| 45 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Demand Flexibility Modelling and Optimisation for Energy Transition |
| 46 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Integrated Energy System Planning for Decarbonisation |
| 47 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Planning and Operation of Future Power Systems with High Renewable Energy Penetration |
| 48 | CHEMICAL ENGINEERING | DR. SURAJIT GHOSH | Hydrogen production through perovskite materials |
| 49 | CHEMICAL ENGINEERING | DR. SURAJIT GHOSH | Development of biosensor using plant based scaffold |
| 50 | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Wastewater Treatment using novel methods |
| 51 | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Novel materials for engineering applications |

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| 52 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Design of effective materials for energy storage devices using AI-ML tools |
| 53 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Advanced Hydrogen Production Using Solid Oxide Electrolysis Cells (SOECs): A Pathway to Green Energy |
| 54 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Removal of emerging contaminants from waste water |
| 55 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Development of suitable sensor for monitoring the contaminate in waste water |
| 56 | CHEMICAL ENGINEERING | DR. SHIV OM MEENA | Novel Materials for Environmental Application |
| 57 | CHEMICAL ENGINEERING | DR. SHIV OM MEENA | Waste Water Treatment by Electro Oxidation Process |
| 58 | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | E-waste Recycling |
| 59 | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | Spent LCD/LED panel recycling |
| 60 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Advanced Photocatalysis and Process Intensification for Wastewater Treatment |
| 61 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Catalytic Conversion of Glycerol into Value-Added Chemicals |
| 62 | CHEMICAL ENGINEERING | DR. POOJA JANGIR | AI-Assisted Computational Fluid Dynamics for Prediction and Optimization of Fluid Flow Systems |
| 63 | CHEMICAL ENGINEERING | DR. POOJA JANGIR | AI-Enabled Paper-Based Microfluidic Biosensors |
| 64 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Study on wastewater treatment methods |
| 65 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Conversion of bio-waste to bio-fertilizers |
| 66 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Treatment of sewage sludge |
| 67 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Environmental assessment for CO2 capture and storage |
| 68 | CHEMICAL ENGINEERING | DR. BIKASHBINDU DAS | Third-generation biomass conversion to value-added products |
| 69 | CHEMICAL ENGINEERING | DR. BIKASHBINDU DAS | Catalytic wastewater treatment |
| 70 | CHEMICAL ENGINEERING | DR. MD. OAYES MIDDA | Membrane-assisted water electrolysis systems for hydrogen production |
| 71 | CHEMICAL ENGINEERING | DR. MD. OAYES MIDDA | Electrochemical Anaerobic Membrane Bioreactor for Treatment of Dye-laden Wastewater |
| 72 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Functional catalyst for wastewater treatment |
| 73 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Waste to value added catalyst for energy and environmental application |
| 74 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Catalytic Wet-peroxidation of Industrial Wastewater |
| 75 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Development of Photocatalyst for Environmental Application |
| 76 | CHEMICAL ENGINEERING | DR. RAJEEV KUMAR DOHARE | Water and wastewater treatment from biomass |
| 77 | CHEMICAL ENGINEERING | DR. RAJEEV KUMAR DOHARE | Degradation of pesticides from wastewater using different bio-sorbents |
| 78 | CHEMICAL ENGINEERING | DR. MANISH VASHISHTHA | Modelling and Simulation for fluid flow systems |
| 79 | CHEMICAL ENGINEERING | DR. MANISH VASHISHTHA | Efficient strategies for environmental remediation |
| 80 | CHEMICAL ENGINEERING | DR. SUSHANT UPADHYAYA | Modeling and Experimental Optimization of Solar-Assisted DCMD for Industrial Wastewater Recovery and desalination |
| 81 | CHEMICAL ENGINEERING | DR. SUSHANT UPADHYAYA | Kinetic Modeling and Controlled Molecular Weight Synthesis of Poly(vinyl acetate) via Batch Polymerization |
| 82 | CHEMICAL ENGINEERING | DR. SUSHANT UPADHYAYA | Mathematical Modeling and Experimental Investigation of Adsorption for Dye Removal from Aqueous Systems |

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| 83 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Computational Fluid Dynamics Studies for the two phase flow in Microchannels |
| 84 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Wastewater Treatment using Advanced Oxidation Methods |
| 85 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Carbon dioxide Mitigation Technologies using Natural Methods |
| 86 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Gas-liquid and Liquid -liquid Two Phase Studies in Microchannels |
| 87 | CIVIL ENGINEERING | DR. LEELAMBAR SINGH | Modeling of Smart Grid Synchronization Under Decadal Climate Shifts. |
| 88 | CIVIL ENGINEERING | DR. SIDDHARTH MEHNDIRATTA | Behaviour of Compacted Fill Slopes |
| 89 | CIVIL ENGINEERING | DR. SIDDHARTH MEHNDIRATTA | Behaviour of Offshore Monopiles Under Cyclic Loading |
| 90 | CIVIL ENGINEERING | DR. MANOJ KUMAR DIWAKAR | Integrated Hydrological and Hydrodynamic Modelling for River-Basin Water Resources and Floodplain Assessment |
| 91 | CIVIL ENGINEERING | DR. MANOJ KUMAR DIWAKAR | Assessment of Flood Hazard and Inundation under Changing Hydroclimatic Conditions Using Hydrodynamic Modelling |
| 92 | CIVIL ENGINEERING | DR. MANOJ KUMAR DIWAKAR | Assessment of Hydroclimatic Extremes and Their Implications for Surface-Water Availability |
| 93 | CIVIL ENGINEERING | DR. MANOJ KUMAR DIWAKAR | Integrated Assessment of Climate Variability, Land-Use Change and Their Combined Effects on Surface-Water Availability |
| 94 | CIVIL ENGINEERING | DR. URMILA BRIGHU | Water and sanitation sector management |
| 95 | CIVIL ENGINEERING | DR. URMILA BRIGHU | Water and sanitation sector management |
| 96 | CIVIL ENGINEERING | DR. RUCHI SHARMA | AI-Driven Sustainable Infrastructure and Environmental Systems Analysis |
| 97 | CIVIL ENGINEERING | DR. RUCHI SHARMA | Air Pollution Exposure and Human Health Risk Assessment in Smart Cities |
| 98 | CIVIL ENGINEERING | DR. UTTAM SINGH | Soft computing in water resources |
| 99 | CIVIL ENGINEERING | DR. ARUN GAUR | Innovative Solutions for smart Transportation system |
| 100 | CIVIL ENGINEERING | DR. ARUN GAUR | Utilization of waste materials for road construction. |
| 101 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Digital Twin or (AR, VR, MR and XR) |
| 102 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | AI for Radio access technologies and Radio access technologies for AI |
| 103 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Asynchronous decentralized AI and its security |
| 104 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Semantic communication for 6G (AI native) |
| 105 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Artificial Intelligence, Machine Learning and Deep Learning |
| 106 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Pattern recognition using hybrid deep learning techniques for medical and agricultural applications |
| 107 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Generative AI and deep learning for natural language processing |
| 108 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Nature Inspired Optimisation and its real world applications |
| 109 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | LLM enabled Cyber Security |
| 110 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Federated Learning based Security solutions |
| 111 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Next generation Vehicular Ad hoc Networks |
| 112 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Multi-Modal Cyber security |
| 113 | COMPUTER SCIENCE AND ENGINEERING | DR. VIJAY LAXMI | DeepFake Detection |
| 114 | COMPUTER SCIENCE AND ENGINEERING | DR. VIJAY LAXMI | Agetic AI for Surrogate LLM |

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| 115 | COMPUTER SCIENCE AND ENGINEERING | DR. VIJAY LAXMI | AI Agents for Cybersecurity |
| 116 | COMPUTER SCIENCE AND ENGINEERING | DR. VIJAY LAXMI | AI agents for Vulnerability Analysis |
| 117 | COMPUTER SCIENCE AND ENGINEERING | DR. YOGESH KUMAR MEENA | Generative AI and Large Language Models for Domain-Specific Knowledge Discovery |
| 118 | COMPUTER SCIENCE AND ENGINEERING | DR. NAMITA MITTAL | Semantic-Preserving Machine Translation Using LLM |
| 119 | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | AI/ML for Healthcare Applications |
| 120 | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | Machine/Deep Learning for Computer Vision |
| 121 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | Agentic RAG for OCR data extraction and Query |
| 122 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | AI-Based Visual Surveillance and Monitoring |
| 123 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | AI-Driven Change Detection and Monitoring in Multitemporal Remote Sensing Imagery |
| 124 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | Intelligent Computer Vision for Infrastructure Change Detection |
| 125 | COMPUTER SCIENCE AND ENGINEERING | DR. SATYENDRA SINGH CHOUHAN | GenAI for software engineering |
| 126 | COMPUTER SCIENCE AND ENGINEERING | DR. SATYENDRA SINGH CHOUHAN | Multilingual and low-resource GenAI |
| 127 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Generative AI and Large Language Models for Intelligent Educational Systems |
| 128 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Machine/Deep Learning with graphs |
| 129 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | AI for Pedagogical Innovation and Intelligent Educational Tools |
| 130 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Network Science and Social Network Analysis |
| 131 | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Artificial Intelligence and Machine Learning for Intelligent Systems and Real-World Applications |
| 132 | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Multimodal Generative AI |
| 133 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Advanced Machine Learning for Intelligent Hardware Security |
| 134 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Advanced algorithms for optimization problems |
| 135 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Intelligent traffic grooming in EON |
| 136 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Semantic and Structural Representation Learning for Software Security |
| 137 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Blockchain based Industry 5.0 Secure Safety Critical Systems |
| 138 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Quantum Integrated IoT based Reliabile Safety Critical Systems |
| 139 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | AI/ML Driven Real-World Applications (Software Reliability and Healthcare Domain) |
| 140 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Edge/FoG Computing in Blockchain based IoT Networks |
| 141 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Artificial intelligence for cyber security |
| 142 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Explainable AI for Smart Contract Vulnerability Detection and Automated Security Analysis |
| 143 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Security framework for Drones |
| 144 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Post-Quantum Cryptography for Secure IoT and Connected Vehicle |
| 145 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Digital-Twin-Assisted Attack Detection, Impact Assessment and Recovery |

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| 146 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Supply-Chain Risk Analysis and Vulnerability Intelligence for CPS |
| 147 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Secure and Resilient UAV Operations for Defence and Civil Use |
| 148 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Software Supply-Chain Risk Analysis and Vulnerability Intelligence for Connected CPS |
| 149 | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | AI and ML driven Real world applications |
| 150 | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | AI/ML based privacy and security Solutions |
| 151 | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | Intrusion detection and prevention systems |
| 152 | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | Object Detection, Multimodal Anomaly Detection |
| 153 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Quantum Computing |
| 154 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | AI Forensics |
| 155 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Security in LLMs |
| 156 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Blockchain |
| 157 | COMPUTER SCIENCE AND ENGINEERING | DR. ARKA PROKASH MAZUMDAR | Digital Twin-Assisted Federated Unlearning |
| 158 | COMPUTER SCIENCE AND ENGINEERING | DR. ARKA PROKASH MAZUMDAR | Distributed Controller Placement in SDWSN |
| 159 | ELECTRICAL ENGINEERING | DR. RAJIVE TIWARI | Electric vehicle |
| 160 | ELECTRICAL ENGINEERING | DR. RAJIVE TIWARI | Renewable energy integration |
| 161 | ELECTRICAL ENGINEERING | DR. RAJIVE TIWARI | Demand response |
| 162 | ELECTRICAL ENGINEERING | DR. RAJIVE TIWARI | Voltage stability |
| 163 | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | Electric Vehicle Chargers |
| 164 | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | DC-DC Converters |
| 165 | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | DC Microgrid |
| 166 | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | Control Application to Power Converters |
| 167 | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | Structure-Preserving Discretization and Digital Control of Dynamical Systems |
| 168 | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | Modelling and Control of Reconfigurable and Adaptive Robotic Systems |
| 169 | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | Data-Driven and Learning Based Predictive Control of Dynamical Systems |
| 170 | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | State Estimation, Sensor Fusion and Control of Autonomous Systems |
| 171 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robotics and Control |
| 172 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robust Sliding Mode Control |
| 173 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | AI/ML in Health Care |
| 174 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | AI in Robotics and Control |
| 175 | ELECTRICAL ENGINEERING | DR. NEELI SATYANARAYANA | Control applications to Power Systems and Power Electronics |
| 176 | ELECTRICAL ENGINEERING | DR. NEELI SATYANARAYANA | Linear control design |

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| 177 | ELECTRICAL ENGINEERING | DR. NEELI SATYANARAYANA | Investigation of Cyber-Physical Systems |
| 178 | ELECTRICAL ENGINEERING | DR. NEELI SATYANARAYANA | Composite State and Disturbance Estimation-Based Robust Control of Systems |
| 179 | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | Operation and control of modern power system |
| 180 | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | Power system Economics |
| 181 | ELECTRICAL ENGINEERING | DR. DIPTI SAXENA | AI-Based Distributed Energy Management for Secure and Resilient Networked Microgrids |
| 182 | ELECTRICAL ENGINEERING | DR. DIPTI SAXENA | Energy utilization of electric vehicles through quantum-optimized vehicle-to-vehicle charging. |
| 183 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Blockchain Application for Peer to Peer Energy Trading |
| 184 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Operation and Control with GFM/GFL based inverter Control design |
| 185 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Hybrid AC-DC Microgrid |
| 186 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Energy Management System |
| 187 | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Power Electronics |
| 188 | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | electric vehicle |
| 189 | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Microgrid |
| 190 | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Electric vehicles, control and modelling |
| 191 | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Design & Development of Drone Application |
| 192 | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | EV integration to Smart Grids |
| 193 | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | AI/ML applications for Power system operation |
| 194 | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for Automation |
| 195 | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for power management |
| 196 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Cyber Security |
| 197 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Renewable Integration |
| 198 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Energy Storage |
| 199 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | AI for Power Systems |
| 200 | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI applications in control |
| 201 | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI applications in EV control |
| 202 | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI applications in power system applications |
| 203 | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | Control of microgrid |
| 204 | ELECTRICAL ENGINEERING | DR. PRERNA JAIN | Grid operation under large renewable integration using AI |
| 205 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. GHANSHYAM SINGH | Design and Analysis of Silicon Photonic Devices for On-Chip Optical Interconnects |
| 206 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. GHANSHYAM SINGH | Efficient Silicon Photonics for high end applications |
| 207 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. GHANSHYAM SINGH | Use of Artificial Intelligence to estimate Integrated Silicon Photonics circuit performance |
| 208 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | AI/ML in healthcare |
| 209 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | Brain Computer Interfacing applications |
| 210 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | Security of Cyber Physical Systems |
| 211 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | VLSI/Embedded Systems for signal processing |

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| 212 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | AI/ML Algorithms for Wireless Sensor Networks |
| 213 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | Distributed Data Processing in Wireless Sensor Networks |
| 214 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. KULDEEP SINGH | Electronic Systems for Biomedical Engineering |
| 215 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. KULDEEP SINGH | Artificial Intelligence for Healthcare |
| 216 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | AI/ML for Biomedical Signal and Image Analysis |
| 217 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | AI-Driven Environmental Monitoring using IoT |
| 218 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. MENKA | Device to circuit design |
| 219 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. MENKA | Device to circuit design for memory applications |
| 220 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | THz Antenna |
| 221 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | Antenna for 5G/6G Applications |
| 222 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. DEEPAK BHARTI | Flexible sensing technologies and IoT |
| 223 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. DEEPAK BHARTI | Semiconductors devices and flexible electronics |
| 224 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | AI/ML assisted Peizo and triboelectric sensor for healthcare |
| 225 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | synthesis and characterization of Diamond wafer for chip fabrication |
| 226 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | AI/ML assisted IOT based application for healthcare |
| 227 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ARUN KUMAR | Reliability analysis of Devices using Machine learning |
| 228 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ARUN KUMAR | Semiconductor Devices and Modeling |
| 229 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Microwaves |
| 230 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Antenna Measurements |
| 231 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Quantum Communication |
| 232 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Microwave Imaging |

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| 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 | Millimeter Wave Radar Sensing Circuits |
| 237 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | Analog Integrated Circuits |
| 238 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | MEMS based Sensors |
| 239 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Signal processing with AI ML in application such as EEG, EMG or wireless communication |
| 240 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Filter design with optimization algorithm |
| 241 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Cognitive radio, software define readio for 6G |
| 242 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Advance filter design for resource optimization |
| 243 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. M. M. SHARMA | FSS, Absorber and rasorber |
| 244 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. M. M. SHARMA | Design of 6G antenna using AI and ML |
| 245 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. M. M. SHARMA | Design of 6G antenna using AI and ML |
| 246 | HUMANITIES AND SOCIAL SCIENCE | DR. VIBHUTI SINGH SHEKHAWAT | Indian Political System |
| 247 | HUMANITIES AND SOCIAL SCIENCE | DR. VIBHUTI SINGH SHEKHAWAT | Indian Democracy and World Affairs |
| 248 | MANAGEMENT STUDIES | DR. MONICA SHARMA | Market Development for Sustainable Fashion |
| 249 | MANAGEMENT STUDIES | DR. MONICA SHARMA | Sustainable Supply Chain Management |
| 250 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Industry 5.0 in Circular Supply Chain Operations |
| 251 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Supply chain resilience |
| 252 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Sustainable supply chains |
| 253 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Social Commerce, Influencer Marketing and Digital Branding |
| 254 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Digital Branding and Brand Engagement in the AI Era |
| 255 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Marketing Practices in Industry 5.O |
| 256 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Brand Reputation Management in the Age of Social Media |
| 257 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Industry 5.0 & AI |

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| 258 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Sustainable Business Strategies |
| 259 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Business Analytics, Digital Twin & AI |
| 260 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Operations Management |
| 261 | MANAGEMENT STUDIES | DR. SHRIDEV | Corporate Finance |
| 262 | MANAGEMENT STUDIES | DR. SHRIDEV | Capital Market |
| 263 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Supply Chain Modeling and Optimization |
| 264 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Data Analytics for Sports |
| 265 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Business Analytics |
| 266 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Healthcare Analytics |
| 267 | MANAGEMENT STUDIES | DR. SHWETA SHARMA | Consumer Economics |
| 268 | MANAGEMENT STUDIES | DR. SHWETA SHARMA | Financial Institutions and Risk Management |
| 269 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Impact Analysis |
| 270 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Sustainability |
| 271 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Developmental Research |
| 272 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Supply chain management |
| 273 | MATERIAL RESEARCH CENTER | DR. BHAGWATI SHARMA | Development of hybrid nanomaterials for biological applications |
| 274 | MATERIAL RESEARCH CENTER | DR. SANDHYA VERMA | Microstructure-Informed Mitigation of Edge Cracking in DP980 Steel for Automotive Applications |
| 275 | MATERIAL RESEARCH CENTER | DR. SANDHYA VERMA | Structure-Property Correlation of Negative Photoresists for Microsensor Applications |
| 276 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Machine Learning Interatomic Potentials and Molecular Dynamics for GaN/AlGaN Growth |
| 277 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Theoretical Investigation of Precursor Chemistry, Surface Reaction, and Growth Kinetics in GaN/AlGaN |
| 278 | MATERIAL RESEARCH CENTER | DR. NISHA VERMA | Coating Material for Radar Absorbing Application |
| 279 | MATERIAL RESEARCH CENTER | DR. NISHA VERMA | Double Perovskite for Energy Storage |
| 280 | MATHEMATICS | DR. KUSHAL SHARMA | Study of Differential Equations and Their Applications |
| 281 | MATHEMATICS | DR. GEETANJALI CHATTOPADHYAY | Traditional Indian Mathematical Sciences |
| 282 | MATHEMATICS | DR. GEETANJALI CHATTOPADHYAY | Mathematics Education and Interdisciplinary Applications |
| 283 | MECHANICAL ENGINEERING | DR. NARESH KUMAR RAGHUWANSHI | Intelligent fault diagnosis of rotating machinery |
| 284 | MECHANICAL ENGINEERING | DR. NARESH KUMAR RAGHUWANSHI | Intelligent active vibration control |
| 285 | MECHANICAL ENGINEERING | DR. JYOTIRMAY MATHUR | Indoor Environment Quality Assessment and Energy Efficiency |
| 286 | MECHANICAL ENGINEERING | DR. JYOTIRMAY MATHUR | Low energy cooling systems |
| 287 | MECHANICAL ENGINEERING | DR. JYOTIRMAY MATHUR | Energy Efficiency in Air Conditioning System |
| 288 | MECHANICAL ENGINEERING | DR. JYOTIRMAY MATHUR | Decarbonization of buildings |
| 289 | MECHANICAL ENGINEERING | DR. MANISH KUMAR | Heat Transfer Enhancement using Porous Structures |

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| 290 | MECHANICAL ENGINEERING | DR. MANISH KUMAR | Heat Transfer Enhancement through Engineered Porosity and Tortuosity |
| 291 | MECHANICAL ENGINEERING | DR. ANUP MALIK | Design and Development of Heat Dissipation Devices |
| 292 | MECHANICAL ENGINEERING | DR. ANUP MALIK | Development of Composites for Defense Applications |
| 293 | MECHANICAL ENGINEERING | DR. PANKAJ KUMAR GUPTA | Design and Development of an Industry 4.0 Framework for Smart and Sustainable Foundry Operations |
| 294 | MECHANICAL ENGINEERING | DR. PANKAJ KUMAR GUPTA | Simulation-Based Modelling and Investigation of the Root Causes of Casting Defects |
| 295 | MECHANICAL ENGINEERING | DR. AMAR PATNAIK | Design and Develop Multilayer Materials for Enhanced Impact Resistance |
| 296 | MECHANICAL ENGINEERING | DR. AMAR PATNAIK | Design and Optimization of Functionally Graded Materials for Enhanced Impact Resistance |
| 297 | MECHANICAL ENGINEERING | DR. TAPAS BAJPAI | Development of hardfacing composition for earth moving equipments |
| 298 | MECHANICAL ENGINEERING | DR. TAPAS BAJPAI | Laser Welding of Dissimilar Materials |
| 299 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Textile Composite Hybrid(Carbon-Kevlar-UHMWPE) Fabrication, Characterisation and Product Development |
| 300 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Micro-Machining (EDM) and Abrasive Flow Machine (AFM) for Micro-Channel based Device Development |
| 301 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Additive Manufacturing (3D printing) for Orthosis/Prosthesis Development |
| 302 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Mechatronics based Frugal Product Design and Development |
| 303 | MECHANICAL ENGINEERING | DR. MUKESH KUMAR | Development of Abrasion-Resistant Composites for Agricultural Machinery Components. |
| 304 | MECHANICAL ENGINEERING | DR. MUKESH KUMAR | Development of Functionally Graded Composites for Wear-Critical Engineering Components. |
| 305 | MECHANICAL ENGINEERING | DR. MUKESH KUMAR | Development of Corrosion and Wear Resistant Composites for Engineering Applications. |
| 306 | MECHANICAL ENGINEERING | DR. MUKESH KUMAR | Development of AI-Assisted Optimized Composites for Improved Mechanical and Tribological Performance |
| 307 | MECHANICAL ENGINEERING | DR. YASHWANT KOLI | A Physics-Informed Digital Twin for Predicting Thermal History, Residual Stress and Geometric Distortion in WAAM |
| 308 | MECHANICAL ENGINEERING | DR. YASHWANT KOLI | Development of a Robust Process Window for Defect-Free Wire Arc Additive Manufacturing. |
| 309 | MECHANICAL ENGINEERING | DR. YASHWANT KOLI | Correlation of Microhardness Distribution, Microstructure, and Local Mechanical Properties in WAAM Builds |
| 310 | MECHANICAL ENGINEERING | DR. YASHWANT KOLI | Deep Learning-Based Monitoring of Bead Geometry Using In-Situ Vision Systems. |
| 311 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Nondestructive Testing |
| 312 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Modal Analysis |
| 313 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Vibration-Reducing Metamaterial Handles for Ergonomic Hand Tools |
| 314 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Seismic Isolation |
| 315 | MECHANICAL ENGINEERING | DR. SURENDRA SINGH GODARA | Nano composites for Biomedical applications |
| 316 | MECHANICAL ENGINEERING | DR. SURENDRA SINGH GODARA | Health monitoring of Aircraft/Mechanical systems |
| 317 | MECHANICAL ENGINEERING | DR. RAJEEV AGRAWAL | AI Agents in Supply Chain Decision-Making |
| 318 | MECHANICAL ENGINEERING | DR. RAJEEV AGRAWAL | AI-Driven Quality Monitoring in Smart Manufacturing |
| 319 | MECHANICAL ENGINEERING | DR. RAJEEV AGRAWAL | AI driven Sustainable Manufacturing |

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| 320 | MECHANICAL ENGINEERING | DR. RAJEEV AGRAWAL | AI in Logistics |
| 321 | MECHANICAL ENGINEERING | DR. ANOJ MEENA | Development of functionally graded metal matrix composites for wear -resistant components. |
| 322 | MECHANICAL ENGINEERING | DR. ANOJ MEENA | Development and optimization of hybrid natural fiber composites for sustainable Engineering Applications. |
| 323 | MECHANICAL ENGINEERING | DR. MAKKHAN LAL MEENA | Ergonomics Intervention in Automobile Sector |
| 324 | MECHANICAL ENGINEERING | DR. MAKKHAN LAL MEENA | Ergonomics Intervention in Agricultural Sector |
| 325 | MECHANICAL ENGINEERING | DR. GULAB PAMNANI | Impact behaviour and energy dissipation of lightweight composite crash structure. |
| 326 | MECHANICAL ENGINEERING | DR. GULAB PAMNANI | Design of impact resistant material for protective applications. |
| 327 | MECHANICAL ENGINEERING | DR. DINESH KUMAR | Application of Physics Informed Neural Network (PINN) in the Field of Continuum Damage Mechanics |
| 328 | MECHANICAL ENGINEERING | DR. MANJINDER SINGH | AI-Driven Prediction and Prevention of Critical Heat Flux (experimental and theoretical study) |
| 329 | MECHANICAL ENGINEERING | DR. AMIT ARORA | Compact heat exchangers |
| 330 | MECHANICAL ENGINEERING | DR. AMIT ARORA | Heat transfer enhancement |
| 331 | MECHANICAL ENGINEERING | DR. AMIT ARORA | Thermal management of EV battery |
| 332 | MECHANICAL ENGINEERING | DR. AMIT ARORA | Thermal management of Electronics' heat |
| 333 | MECHANICAL ENGINEERING | DR. DILIP SHARMA | Emission control in IC Engines |
| 334 | MECHANICAL ENGINEERING | DR. DILIP SHARMA | Alternate fuels in IC engines |
| 335 | MECHANICAL ENGINEERING | DR. DINESH KUMAR RATHORE | Development of Multifunctional Hybrid FRP Composites for Drone and Air-Taxi Applications |
| 336 | MECHANICAL ENGINEERING | DR. DINESH KUMAR RATHORE | Development of Advanced Composites with Enhanced Fracture Toughness |
| 337 | MECHANICAL ENGINEERING | DR. JINESH KUMAR JAIN | Welding Parameter Optimization in wire arc Additive Manufacturing using AI |
| 338 | MECHANICAL ENGINEERING | DR. JINESH KUMAR JAIN | Preparation of Recycled Flux for Submerged Arc Welding. |
| 339 | MECHANICAL ENGINEERING | DR. JINESH KUMAR JAIN | Investigation and optimization of weld bead characteristics of novel alloy. |
| 340 | MECHANICAL ENGINEERING | DR. JINESH KUMAR JAIN | Welding Process Characterization and Optimization through Machine Learning |
| 341 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJENDRA KUMAR GOYAL | 3D Printing of Polymerc Composites for Biomedical Applications |
| 342 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJENDRA KUMAR GOYAL | Thermal, Mechanical and Electrical Properties of 3D Printed Composites |
| 343 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJENDRA KUMAR GOYAL | Synthesis of Nanomaterials and Their Properties |
| 344 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | Microstructure-Deformation Relationships in Ni-Based Superalloys at Elevated Temperatures |
| 345 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | Evolution of Grain Boundaries and Phase Interfaces During High-Temperature Deformation of Ni-Based Superalloys |
| 346 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Study on disimilar metals joining |
| 347 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Heat treatment of alloys automotive grade alloys |
| 348 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Wear and corrosion study of Al-Bronze alloys |
| 349 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Wear and corrosion study of PH steels |

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| 350 | METALLURGICAL AND MATERIALS ENGINEERING | DR. DEEPANKAR PANDA | Deformation behaviour of materials |
| 351 | METALLURGICAL AND MATERIALS ENGINEERING | DR. DEEPANKAR PANDA | Synthesis of in-situ hybrid MMCs via mechanical alloying |
| 352 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SWATI SHARMA | Development of grain refiners for High Alloyed Steels |
| 353 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SWATI SHARMA | Hydrogen-resistant high-strength steels |
| 354 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SWATI SHARMA | High-entropy alloy coatings for high-temperature oxidation |
| 355 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SWATI SHARMA | Plasma-Sprayed Fe-Based Alloy Coatings for Enhanced High-Temperature Oxidation and Wear Resistance |
| 356 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Development of Self lubricating coatings |
| 357 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Development of Self lubricating coatings |
| 358 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Desigh and Developmnet of cathode materials for Zn-ion batteries |
| 359 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Desigh and Developmnet of cathode materials for Zn-ion batteries |
| 360 | METALLURGICAL AND MATERIALS ENGINEERING | DR. VIJAY NAVARATNA NADAKUDURU | Friction stir processing Al-Mg based alloys |
| 361 | METALLURGICAL AND MATERIALS ENGINEERING | DR. VIJAY NAVARATNA NADAKUDURU | Characterization of additively manufactured Ti based alloy |
| 362 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | Grain boundary engineering of rare earth magnets |
| 363 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI-Assisted design of rare earth free magnets for EV applications |
| 364 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI-Assisted design of Sodium-Ion Batteries for Electric vehicles |
| 365 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | Microstructure engineering of high frequency power electronic magnets |
| 366 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KRISHNA KUMAR | â€¢ Phase Stability and High-Temperature Oxidation Mechanisms of Low-Density Refractory High-Entropy Alloys (RHEAs). |
| 367 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KRISHNA KUMAR | Oxidation Kinetics and Thermally Grown Oxide (TGO) Evolution of Thermal-Sprayed Refractory HEA Bond Coats for Jet Engine Propulsion |
| 368 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KUNAL JAYPRAKASH BORSE | Nanocomposite materials |
| 369 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJESH KUMAR RAI | Advance Steel for defence applications |
| 370 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJESH KUMAR RAI | Additive manufactured Ti alloys |
| 371 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJESH KUMAR RAI | Ni based superalloy |
| 372 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJESH KUMAR RAI | SLM Al alloy |
| 373 | NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT | DR. NISHANT ROY | Safety assessment of Dams |

## Table 5. FULL TIME WITH OWN SCHOLARSHIP (NET JRF/CSIR JRF/ETC..)

| S.No. | Department/Centre | Faculty Name | Tentative Research Area of proposed Ph.D. |
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| 1 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Sustainable Urban Development |
| 2 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Tourism Planning |
| 3 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Net Zero Energy Planning |
| 4 | ARCHITECTURE AND PLANNING | DR. NAND KUMAR | Net Carbon Planning |
| 5 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Indoor Environmental Quality, Health and Performance |
| 6 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Urban Climate, Open Spaces and Thermal Environments |
| 7 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Occupant Behaviour and Building Performance |
| 8 | ARCHITECTURE AND PLANNING | DR. TARUN VERMA | Daylighting and Visual Comfort |
| 9 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Ecological and Environmental Regeneration |
| 10 | ARCHITECTURE AND PLANNING | DR. TARUSH CHANDRA | Sustainable Construction Materials |
| 11 | ARCHITECTURE AND PLANNING | DR. SUSHMITA CHOUDHARY | Urban Recreational Spaces and Liveability |
| 12 | ARCHITECTURE AND PLANNING | DR. SUSHMITA CHOUDHARY | Climate Change Adaptation and Urban Resilience |
| 13 | ARCHITECTURE AND PLANNING | DR. SUSHMITA CHOUDHARY | Housing and Inclusive Urban Development |
| 14 | ARCHITECTURE AND PLANNING | DR. SUSHMITA CHOUDHARY | Peri-urban growth and rural-urban transformation |
| 15 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Generative AI |
| 16 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Agentic AI |
| 17 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Foundation Models |
| 18 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | DR. CHANDRA PRAKASH | Reinforcement Learning |
| 19 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Bioenergy Systems |
| 20 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Biofuel |
| 21 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Bioenergy Systems |
| 22 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Biofuel |
| 23 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Bioenergy Systems |
| 24 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. VIVEKANAND | Biofuel |

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| 25 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Battery Technology |
| 26 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Hydrogen Energy |
| 27 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Plasma Technology |
| 28 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. KAPIL PAREEK | Decarbonization |
| 29 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Renewable energy technology |
| 30 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Energy storage systems |
| 31 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Energy and AI |
| 32 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. ANEESH PRABHAKAR | Sustainable development |
| 33 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. SUNANDA SINHA | Sustainability in RE systems |
| 34 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. SUNANDA SINHA | Renewable Energy policy |
| 35 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. AMARTYA CHOWDHURY | Building integrated photovoltaics |
| 36 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. AMARTYA CHOWDHURY | Net Zero Energy Building |
| 37 | CENTRE FOR ENERGY AND ENVIRONMENT | DR. AMARTYA CHOWDHURY | Building integrated photovoltaics with phase change materials |
| 38 | CHEMICAL ENGINEERING | DR. SURAJIT GHOSH | Hydrogen production through perovskite materials |
| 39 | CHEMICAL ENGINEERING | DR. SURAJIT GHOSH | Development of biosensor using plant based scaffold |
| 40 | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Novel materials for engineering applications |
| 41 | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Wastewater treatment |
| 42 | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Novel catalyst for environmental application |
| 43 | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Development of nano composite for engineering applications |
| 44 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | AI and Machine Learning for Next-Generation Energy Storage Materials: Smart Design and Optimization |
| 45 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Atomic-Scale Insights into Energy Storage: Designing High-Performance Materials via Ab-initio Molecular Dynamics Simulations |
| 46 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Assessment of provskite structured materials for $CO_2$ reduction reaction |
| 47 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Co-electrolysis of $CO_2$ and water in SOEC |
| 48 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Photoelectrocatalytic water splitting |
| 49 | CHEMICAL ENGINEERING | DR. NEETU KUMARI | Synthesis and characterization of ceramic material for different application |
| 50 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Synthesis and characterization of high surface area solids |
| 51 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Simultaneous removal of arsenic and fluoride |
| 52 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Photo degradation of industrial waste |

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| 53 | CHEMICAL ENGINEERING | DR. MADHU AGARWAL | Biochar based composites for efficient supercapacitors |
| 54 | CHEMICAL ENGINEERING | DR. SHIV OM MEENA | Waste Water Treatment by Electrochemical Methods |
| 55 | CHEMICAL ENGINEERING | DR. SHIV OM MEENA | Novel Materials for Environmental Application |
| 56 | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | Metal recovery from e-waste |
| 57 | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | Rare earth metal recovery from scrap |
| 58 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Visible-Light-Active Heterojunction Photocatalysts for Wastewater Remediation |
| 59 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Bifunctional Catalysts for Glycerol Conversion to Lactic Acid and Oxygenates |
| 60 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Semiconductor Photocatalysis for Selective Glycerol Oxidation to Value-Added Chemicals |
| 61 | CHEMICAL ENGINEERING | DR. VIRENDRA KUMAR SAHARAN | Hybrid Advanced Oxidation for Degradation of Emerging Contaminants |
| 62 | CHEMICAL ENGINEERING | DR. POOJA JANGIR | Numerical Modelling and AI-Assisted Simulation of Fluid Flow Systems |
| 63 | CHEMICAL ENGINEERING | DR. POOJA JANGIR | Floral Waste-Derived Functional Materials for Water Purification and Environmental Remediation |
| 64 | CHEMICAL ENGINEERING | DR. POOJA JANGIR | Instabilities in Fluid Flow Systems |
| 65 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Life Cycle Analysis for chemical processes |
| 66 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Upcycling $CO_2$ and Industrial Waste Gases |
| 67 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Detection and degradation of microplastics in the environment |
| 68 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Bio-ethanol production |
| 69 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Investigation of traditional practices and indigenous knowledge related to soil fertility and nutrient management. |
| 70 | CHEMICAL ENGINEERING | DR. ROHIDAS GANGARAM BHOI | Bioplastic from renewable biomass |
| 71 | CHEMICAL ENGINEERING | DR. BIKASHBINDU DAS | Thermo-catalytic process of waste valorization to value-added product |
| 72 | CHEMICAL ENGINEERING | DR. BIKASHBINDU DAS | Catalytic environmental pollutant removal |
| 73 | CHEMICAL ENGINEERING | DR. MD. OAYES MIDDA | Electrochemical Anaerobic Membrane Bioreactor for Treatment of Dye-laden Wastewater |
| 74 | CHEMICAL ENGINEERING | DR. MD. OAYES MIDDA | Membrane-assisted water electrolysis systems for hydrogen production |
| 75 | CHEMICAL ENGINEERING | DR. MD. OAYES MIDDA | Nanocomposite Polymeric Membranes for Gas Separation Applications |
| 76 | CHEMICAL ENGINEERING | DR. MD. OAYES MIDDA | Nutrient recovery (N, P, K) from agricultural runoff and wastewater |
| 77 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Synthesis of Jet Fuels from Biomass |
| 78 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Novel Materials for Environmental Application |
| 79 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Development of Na-ion battery as a next generation battery |
| 80 | CHEMICAL ENGINEERING | DR. SUBBARAMAIAH V | Next generation multivalent metal-ion battery |

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| 81 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Development of Emrging Low Cost Sodium Ion Batteries |
| 82 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Synthesis of Functional Catalyst for the Production of Aviation Fuels |
| 83 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Development of Metal Organic Frameworks (MOFs) for Energy Application |
| 84 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Development of Recycling Technology for Spent Lithium-ion Batteries |
| 85 | CHEMICAL ENGINEERING | DR. VIJAYALAKSHMI GOSU | Synthesis of Medicinal Important Chemicals from Biomass |
| 86 | CHEMICAL ENGINEERING | DR. RAJEEV KUMAR DOHARE | Artificial Intelligence (AI) and Machine Learning (ML) in Wastewater Treatment |
| 87 | CHEMICAL ENGINEERING | DR. RAJEEV KUMAR DOHARE | Water and wastewater treatment from biomass |
| 88 | CHEMICAL ENGINEERING | DR. MANISH VASHISHTHA | Efficient strategies for environmental remediation |
| 89 | CHEMICAL ENGINEERING | DR. MANISH VASHISHTHA | Modelling and Simulation for fluid flow systems |
| 90 | CHEMICAL ENGINEERING | DR. SUSHANT UPADHYAYA | Comparative Assessment of Vacuum and Air-Gap Membrane Distillation for Azeotropic Separation: Modeling and Experimental Studies |
| 91 | CHEMICAL ENGINEERING | DR. SUSHANT UPADHYAYA | Azeotropic Separation through AGMD and Pervaporation: Transport Mechanisms, Modeling and Process Performance |
| 92 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Heterogeneous Catalytic Esterification Reaction in Micro flow Reactors |
| 93 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Carbon Capture and Conversion using Environmental Friendly Green Solvents |
| 94 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Wastewater Treatment Techniques using Advanced Oxidation Techniques |
| 95 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Conversion of Pharmaceutical Batch Reactions into Continuous Process using Flow Reactors |
| 96 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Active Pharmaceutical Ingredients Synthesis in Flow Reactors |
| 97 | CHEMICAL ENGINEERING | DR. U K ARUN KUMAR | Recovery of Spent Solvent from Active Pharmaceutical Ingredients Production Waste Solvent Stream |
| 98 | CHEMISTRY | DR. PRADEEP KUMAR | Artificial intelligence to speed up MD simulations |
| 99 | CHEMISTRY | DR. PRADEEP KUMAR | Heterogeneous chemistry in the atmosphere |
| 100 | CHEMISTRY | DR. SUDHIR KASHYAP | Transition-Metal-Catalyzed Cross-Coupling Reactions for C-C Bond Formation |
| 101 | CHEMISTRY | DR. SUDHIR KASHYAP | Metal- and Organocatalyzed Methods for the Synthesis of Organic Molecules |
| 102 | CHEMISTRY | DR. SUDHIR KASHYAP | Photoredox, Electrochemical, and Hybrid Catalysis in Organic Synthesis |
| 103 | CHEMISTRY | DR. SUDHIR KASHYAP | Computational and Mechanistic Studies of Organic Reactions |
| 104 | CHEMISTRY | DR. SUDHIR KASHYAP | Synthesis of Bioactive Molecules, Glycomimetics, and Glycoconjugates Using Click Chemistry |
| 105 | CHEMISTRY | DR. SUDHIR KASHYAP | Green and Sustainable Methods for Organic Synthesis |

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| 106 | CHEMISTRY | DR. MEENA NEMIWAL | Advanced nanocatalysis for efficient organic transformations |
| 107 | CHEMISTRY | DR. MEENA NEMIWAL | Nanomaterials for sustainable water treatment |
| 108 | CHEMISTRY | DR. MEENA NEMIWAL | Advanced nanocatalysis for efficient organic transformations |
| 109 | CHEMISTRY | DR. MEENA NEMIWAL | Nanomaterials for sustainable water treatment |
| 110 | CHEMISTRY | DR. BARUN JANA | Molecular Catalysis |
| 111 | CHEMISTRY | DR. BARUN JANA | Organometallic Chemistry in Catalysis |
| 112 | CHEMISTRY | DR. BARUN JANA | Transition metal free organic transformation reactions |
| 113 | CHEMISTRY | DR. BARUN JANA | Molecular Catalyst for carbon dioxide fixation |
| 114 | CHEMISTRY | DR. BARUN JANA | Metal Organic Framework (MOF) for Carbon dioxide storage |
| 115 | CHEMISTRY | DR. BARUN JANA | Click chemistry |
| 116 | CHEMISTRY | DR. PAWAN REKHA | Hybrid Materials for Energy and Environmental Applications |
| 117 | CHEMISTRY | DR. PAWAN REKHA | Multifunctional Hybrid Materials for Catalysis |
| 118 | CHEMISTRY | DR. RAHUL | Development of nanoparticle drug carriers for stimuli-responsive, controlled, site-specific delivery of therapeutics. |
| 119 | CHEMISTRY | DR. RAHUL | Sensing toxic metal ions and bio thiols |
| 120 | CHEMISTRY | DR. RAHUL | Functionalization of biomaterials |
| 121 | CHEMISTRY | DR. RAHUL | NIR dyes synthesis |
| 122 | CHEMISTRY | DR. RAHUL | Upconverting nanoparticles for biomedical applications |
| 123 | CHEMISTRY | DR. RAHUL | Gasotransmitters sensing |
| 124 | CHEMISTRY | DR. SUMIT KUMAR SONKAR | Carbon di-oxide reduction to C1-C2 Fuel |
| 125 | CHEMISTRY | DR. SUMIT KUMAR SONKAR | Ambient condition Urea Synthesis |
| 126 | CHEMISTRY | DR. SUMIT KUMAR SONKAR | Metal-doped carbon nanomaterails synthesis and applications |
| 127 | CHEMISTRY | DR. SUMIT KUMAR SONKAR | Graphene Aerogel: Synthesis and Applications |
| 128 | CHEMISTRY | DR. ABHINEET VERMA | Coupling Magnetic Anisotropy with NIR Luminescence in Lanthanide-Based MOFs |
| 129 | CHEMISTRY | DR. ABHINEET VERMA | Designer Solvents (Ionic Liquids) |
| 130 | CHEMISTRY | DR. ABHINEET VERMA | Ionic-Liquid-Functionalized MOFs for Ratiometric NIR Chemical Sensing |
| 131 | CHEMISTRY | DR. ABHINEET VERMA | Luminescent MOFs for Selective Chemical and Environmental Sensing |
| 132 | CHEMISTRY | DR. ABHINEET VERMA | Beyond the Antenna Effect: Controlling Non-Radiative Relaxation in NIR-Emissive Lanthanide MOFs |
| 133 | CHEMISTRY | DR. ABHINEET VERMA | Lanthanide-Doped Upconversion Nanoparticles for Near-Infrared-Triggered Optogenetics and Deep-Tissue Neuromodulation |
| 134 | CHEMISTRY | DR. ABBAS RAJA NAZIRUDDIN | N-Heterocyclic Carbene Ligands and their Complexes |
| 135 | CHEMISTRY | DR. ABBAS RAJA NAZIRUDDIN | DFT Studies of Transition Metal Complexes |
| 136 | CHEMISTRY | DR. ABBAS RAJA NAZIRUDDIN | Fully Green Solar Cells in Aqueous Electrolytes |
| 137 | CHEMISTRY | DR. ABBAS RAJA NAZIRUDDIN | Molecular Antennas with Functional Catalysts (Inorganic/Organometallic Chemistry) |

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| 138 | CHEMISTRY | DR. ABBAS RAJA NAZIRUDDIN | Target Oriented Molecular Engineering of Photosensitizers Beyond Graetzel Efficiencies |
| 139 | CHEMISTRY | DR. ABBAS RAJA NAZIRUDDIN | Organic Solar Cells (Organic Syntheses) |
| 140 | CHEMISTRY | DR. BIMAN BANDYOPADHYAY | Reactions on Interstellar Ice |
| 141 | CHEMISTRY | DR. BIMAN BANDYOPADHYAY | Photochemistry of organic molecules |
| 142 | CHEMISTRY | DR. BIMAN BANDYOPADHYAY | Hydrogen bond assisted catalysis in organic synthesis |
| 143 | CHEMISTRY | DR. BIMAN BANDYOPADHYAY | Green catalysis: experiment and theory |
| 144 | CHEMISTRY | DR. MANVIRI RANI | Next-Generation Nanocatalysts for Clean Water Technologies |
| 145 | CHEMISTRY | DR. MANVIRI RANI | Biomass derived Carbon Dots for Water Purification |
| 146 | CIVIL ENGINEERING | DR. RUCHI SHARMA | AI-Driven Sustainable Infrastructure and Environmental Systems Analysis |
| 147 | CIVIL ENGINEERING | DR. RUCHI SHARMA | Air Pollution Exposure and Human Health Risk Assessment in Smart Cities |
| 148 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Security for localization using AI |
| 149 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Quantum cybersecurity |
| 150 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | LLM security |
| 151 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | AI for Security and Security for AI |
| 152 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Agentic AI for networks |
| 153 | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Security using Agentic AI |
| 154 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Artificial Intelligence, Machine Learning and Deep Learning |
| 155 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Pattern recognition using hybrid deep learning techniques for medical and agricultural applications |
| 156 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Generative AI and deep learning for natural language processing |
| 157 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Nature Inspired Optimisation and its real world applications |
| 158 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Hybrid Nature Inspired and Deep learning for pattern recognition |
| 159 | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Hybrid LLMs for Natural Language processing |
| 160 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Fedarated learning and edge computing |
| 161 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Artificial Intelligence based Anomaly detection |
| 162 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Explainable AI for Vehicular IDS |
| 163 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Ethical and Trusted AI driven framework for Network Security |
| 164 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Next generation Vehicular Ad hoc Networks |
| 165 | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Federated Learning based Security solutions |
| 166 | COMPUTER SCIENCE AND ENGINEERING | DR. SMITA NAVAL | Vulnerabilty analysis using Agentic AI |

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| 167 | COMPUTER SCIENCE AND ENGINEERING | DR. SMITA NAVAL | Deepfake detection using language models |
| 168 | COMPUTER SCIENCE AND ENGINEERING | DR. YOGESH KUMAR MEENA | Generative AI and Large Language Models for Domain-Specific Knowledge Discovery |
| 169 | COMPUTER SCIENCE AND ENGINEERING | DR. YOGESH KUMAR MEENA | Artificial Intelligence and Machine Learning for Healthcare Analytics and Decision Support |
| 170 | COMPUTER SCIENCE AND ENGINEERING | DR. NAMITA MITTAL | Semantic-Preserving Machine Translation Using LLM |
| 171 | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | AI/ML in Medical Imaging and Diagnostics |
| 172 | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | Machine/Deep Learning for Image and Video Understanding |
| 173 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | Computer Vision for Detection, Tracking, and Scene Analysis |
| 174 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | AI-Driven Environmental Monitoring and Analytics Using Computer Vision and Remote Sensing |
| 175 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | Computer Vision |
| 176 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | Remote sensing and deep learning |
| 177 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | Real time vedio analytics |
| 178 | COMPUTER SCIENCE AND ENGINEERING | DR. ASHISH KUMAR TRIPATHI | Intelligent Environmental Change Detection and Assessment Using AI and Geospatial Data |
| 179 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Generative AI and Large Language Models for Intelligent Educational Systems |
| 180 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Machine/Deep Learning with graphs |
| 181 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | AI for Pedagogical Innovation and Intelligent Educational Tools |
| 182 | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Network Science and Social Network Analysis |
| 183 | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Multimodal Learning, Computer Vision, and Pattern Recognition |
| 184 | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Artificial Intelligence and Machine Learning for Intelligent Systems and Real-World Applications |
| 185 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Semantic and Structural Representation Learning for Software Security |
| 186 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Intelligent traffic grooming in EON |
| 187 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Advanced algorithms for optimization problems |
| 188 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Federated learning and edge computing |
| 189 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Intelligent traffic grooming in EON |
| 190 | COMPUTER SCIENCE AND ENGINEERING | DR. PRASANTA MAJUMDAR | Federated learning and edge computing |
| 191 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | AI/ML in Software Reliability |
| 192 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | AI/ML in Healthcare |

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| 193 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Quantum Integrated IoT based Reliabile Safety Critical Systems |
| 194 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Blockchain based Industry 5.0 Secure Safety Critical Systems |
| 195 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Edge/FoG Computing in Blockchain based IoT Networks |
| 196 | COMPUTER SCIENCE AND ENGINEERING | DR. NAND KUMAR JYOTISH | Quantum ML |
| 197 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Artificial intelligence for cyber security |
| 198 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Explainable AI for Smart Contract Vulnerability Detection and Automated Security Analysis |
| 199 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Security framework for Drones |
| 200 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Post-Quantum Cryptography for Secure IoT and Connected Vehicle |
| 201 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Quantum Machine Learning for Cyberattack Detection |
| 202 | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Malware Analysis |
| 203 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Agentic AI for Threat Hunting and Incident Response in Industrial CPS |
| 204 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Supply-Chain Risk Analysis and Vulnerability Intelligence for CPS |
| 205 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Secure and Resilient UAV Operations for Defence and Civil Use |
| 206 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Software Supply-Chain Risk Analysis and Vulnerability Intelligence for Connected CPS |
| 207 | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Trustworthy and Resilient AI for Autonomous Robotics under Adversarial Conditions |
| 208 | COMPUTER SCIENCE AND ENGINEERING | DR. MUSHTAQ AHMED | wireless network |
| 209 | COMPUTER SCIENCE AND ENGINEERING | DR. MUSHTAQ AHMED | internet of things |
| 210 | COMPUTER SCIENCE AND ENGINEERING | DR. MUSHTAQ AHMED | embedded systems |
| 211 | COMPUTER SCIENCE AND ENGINEERING | DR. MUSHTAQ AHMED | cloud computing |
| 212 | COMPUTER SCIENCE AND ENGINEERING | DR. MUSHTAQ AHMED | wsn |
| 213 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Quantum Machine Learning |
| 214 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Security in Agentic AI |
| 215 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Security in Darkweb and The Onion Routing (Tor) |
| 216 | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Quantum Key Distribution |
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| 218 | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Biometric Applications |

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| 219 | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Multimodal Architectures |
| 220 | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Machine Learning for Language Translation |
| 221 | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Agentic AI Applications |
| 222 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robotics and Control |
| 223 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robust Sliding Mode Control |
| 224 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | AI/ML in Health Care |
| 225 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | AI in Robotics and Control |
| 226 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Non Linear and Robust Sliding Mode Control |
| 227 | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Medical Robotics |
| 228 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Blockchain Application for Peer to Peer Energy Trading |
| 229 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Operation and Control with GFM/GFL based inverter Control design |
| 230 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Energy Management System |
| 231 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Planning |
| 232 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Hybrid AC-DC Microgrid |
| 233 | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | AI/ML Application based Microgrid Planning |
| 234 | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Control design for Advances EV technologies |
| 235 | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Investigation on stability of networked systems |
| 236 | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | Privacy Preservation in Smart Grids |
| 237 | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | Power system Analysis and Optimization |
| 238 | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for power management and operation |
| 239 | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for Robotics |
| 240 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Data Analytics for Smart Grids |
| 241 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Digital Twins for Power Systems |
| 242 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | AI applications to Power Systems |
| 243 | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Demand Response Mechanisms |
| 244 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SARTHAK SINGHAL | Metasurfaces for Sensing and Energy Harvesting Applications |
| 245 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SARTHAK SINGHAL | Antennas for Wireless and Sensing Applications |

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| 246 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VINEET SAHULA | Intelligent IoT (EDGE) devices and applications (CPS) |
| 247 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VINEET SAHULA | Cross-Lingual Transfer for Extreme Low-Resource Languages OR zero-corpus |
| 248 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | AI/ML in healthcare |
| 249 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | Brain computer interfacing application |
| 250 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. AMIT MAHESH JOSHI | Security of Cyber physical systems |
| 251 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | AI/ML Algorithms for Wireless Sensor Networks |
| 252 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | Distributed Data Processing in Wireless Sensor Networks |
| 253 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAVI KUMAR MADDILA | Power line communication application |
| 254 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAVI KUMAR MADDILA | FTTH Element Management System Development |
| 255 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. KULDEEP SINGH | Artificial Intelligence for Healthcare |
| 256 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. KULDEEP SINGH | Electronic Systems for Biomedical Engineering |
| 257 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | AI/ML for Biomedical Signal and Image Analysis |
| 258 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | Edge-AI for IoT and Cyber-Physical Sensing |
| 259 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | Generative AI and its application |
| 260 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | AI-Driven Environmental Monitoring using IoT |
| 261 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | Antenna for 5G/6G Applications |
| 262 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | THz Antenna |
| 263 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. DEEPAK BHARTI | Semiconductors devices and flexible electronics |
| 264 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. DEEPAK BHARTI | Flexible sensing technologies and IoT |

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| 265 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ARUN KUMAR | Reliability analysis of Devices using Machine learning |
| 266 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ARUN KUMAR | Semiconductor Devices and Modeling |
| 267 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Analog and Digital VLSI Design |
| 268 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Nano Electronics Device Modelling & Simulation |
| 269 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Mixed Signal Integrated Circuits |
| 270 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Microelectronic Devices & Circuits |
| 271 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Millimeter Wave Radar Sensing Circuits |
| 272 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | RF Integrated Circuits |
| 273 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Signal processing with AI ML in application such as EEG, EMG or wireless communication |
| 274 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Filter design with optimization algorithm |
| 275 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Cognitive radio, software define readio for 6G |
| 276 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ILA SHARMA | Advance filter design for resource optimization |
| 277 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VIJAY JANYANI | Intelligent control and optimization in optical communication networks using AI |
| 278 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VIJAY JANYANI | AI driven optimization of next geeration optical networks |
| 279 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. M. M. SHARMA | Design of 6G antenna using AI and ML |
| 280 | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. M. M. SHARMA | FSS, Absorber and rasorber |
| 281 | HUMANITIES AND SOCIAL SCIENCE | DR. VIBHUTI SINGH SHEKHAWAT | Indian Political System |
| 282 | HUMANITIES AND SOCIAL SCIENCE | DR. VIBHUTI SINGH SHEKHAWAT | Indian Democracy and World Affairs |
| 283 | HUMANITIES AND SOCIAL SCIENCE | DR. NIRAJA SARASWAT | Trauma and Memory Studies |
| 284 | HUMANITIES AND SOCIAL SCIENCE | DR. NIRAJA SARASWAT | Indian Writings in English |

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| 285 | HUMANITIES AND SOCIAL SCIENCE | DR. NIRAJA SARASWAT | Disability Studies |
| 286 | HUMANITIES AND SOCIAL SCIENCE | DR. NIRAJA SARASWAT | English Language Teaching |
| 287 | HUMANITIES AND SOCIAL SCIENCE | DR. NIDHI BANSAL | Sociology: Education and Gender inequality |
| 288 | HUMANITIES AND SOCIAL SCIENCE | DR. NIDHI BANSAL | Sociology: Inclusive and Sustainable Urban Development |
| 289 | HUMANITIES AND SOCIAL SCIENCE | DR. NIDHI BANSAL | Sociology: Digital Inequalities, Social and Cultural Change |
| 290 | HUMANITIES AND SOCIAL SCIENCE | DR. NIDHI BANSAL | Sociology: Ageing, Social Change and Development |
| 291 | HUMANITIES AND SOCIAL SCIENCE | DR. PREETI BHATT | Film Studies |
| 292 | HUMANITIES AND SOCIAL SCIENCE | DR. PREETI BHATT | Emerging Trends in Literature |
| 293 | HUMANITIES AND SOCIAL SCIENCE | DR. NUPUR TANDON | Gender and Identity |
| 294 | HUMANITIES AND SOCIAL SCIENCE | DR. NUPUR TANDON | Literature of the diaspora |
| 295 | MANAGEMENT STUDIES | DR. RITIKA MAHAJAN | CSR, Sustainability & Circular Economy |
| 296 | MANAGEMENT STUDIES | DR. RITIKA MAHAJAN | Strategic Management |
| 297 | MANAGEMENT STUDIES | DR. MONICA SHARMA | Market Development for Sustainable Fashion |
| 298 | MANAGEMENT STUDIES | DR. MONICA SHARMA | Sustainable Supply Chain Management |
| 299 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Circular supply chains |
| 300 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Role of AI in supply chain decisions |
| 301 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Innovations in supply chain management |
| 302 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Industry 5.0 in Circular Supply Chain Operations |
| 303 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Decision making in supply chain management |
| 304 | MANAGEMENT STUDIES | DR. JANPRIY SHARMA | Smart contracting in supply chain management |
| 305 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Artificial Intelligence and Generative AI in Digital Marketing |
| 306 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Sustainabilty and Green Marketing |
| 307 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Marketing Strategies in Social Welfare Programs |
| 308 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Marketing Practices in Industry 5.O |
| 309 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Circular Branding and Sustainable Brand Innovation |
| 310 | MANAGEMENT STUDIES | DR. SUNDEEP KUMAR | Digital Marketing in Indian SMEs |
| 311 | MANAGEMENT STUDIES | DR. AAKANKSHA KATARIA | Mindfulness in Organizations |
| 312 | MANAGEMENT STUDIES | DR. AAKANKSHA KATARIA | Digital Transformation and Human Resource Management (HRM) |

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| 313 | MANAGEMENT STUDIES | DR. AAKANKSHA KATARIA | Digital Transformation and Employee Well-Being |
| 314 | MANAGEMENT STUDIES | DR. AAKANKSHA KATARIA | Organizational Capabilities and Digital Transformation |
| 315 | MANAGEMENT STUDIES | DR. AAKANKSHA KATARIA | Digital Competencies and attitudes |
| 316 | MANAGEMENT STUDIES | DR. AAKANKSHA KATARIA | Organizational Agility and HRM |
| 317 | MANAGEMENT STUDIES | DR. DIVESH KUMAR | Social media marketing for sustainable products |
| 318 | MANAGEMENT STUDIES | DR. DIVESH KUMAR | Marketing for sustainable products |
| 319 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Sustainable Business Strategies and Circular Economy |
| 320 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Sustainable operations Finance and Business Performance |
| 321 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Business Analytics, Digital Twin & AI |
| 322 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Industry 5.O and Business Excellence |
| 323 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Innovation and Sustainable Business Models |
| 324 | MANAGEMENT STUDIES | DR. AYUSH GAUTAM | Project Management and Sustainable Development |
| 325 | MANAGEMENT STUDIES | DR. DEEPAK VERMA | AI in Higher Education |
| 326 | MANAGEMENT STUDIES | DR. DEEPAK VERMA | Consumer Behavior in Online/Digital Environments |
| 327 | MANAGEMENT STUDIES | DR. SHRIDEV | Corporate Finance |
| 328 | MANAGEMENT STUDIES | DR. SHRIDEV | Capital Market |
| 329 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Data Analytics for Sports |
| 330 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Supply Chain Modeling and Optimization |
| 331 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Business Analytics |
| 332 | MANAGEMENT STUDIES | DR. SANDIPAN KARMAKAR | Healthcare Analytics |
| 333 | MANAGEMENT STUDIES | DR. SHWETA SHARMA | Corporate Finance |
| 334 | MANAGEMENT STUDIES | DR. SHWETA SHARMA | Risk Management in Financial Institutions and Market |
| 335 | MANAGEMENT STUDIES | DR. SHWETA SHARMA | Sustainable Finance |
| 336 | MANAGEMENT STUDIES | DR. SHWETA SHARMA | Consumer Economics |
| 337 | MANAGEMENT STUDIES | DR. REETA SINGH | Workforce Planning - Reskilling & Upskilling for technological advancements |
| 338 | MANAGEMENT STUDIES | DR. REETA SINGH | Hybrid Work Model and Employee Engagement |
| 339 | MANAGEMENT STUDIES | DR. REETA SINGH | Leadership and Strategic HRM |
| 340 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Developmental Research |

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| 341 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Sustainability |
| 342 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Impact Analysis |
| 343 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Supply chain management |
| 344 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | E-commerce platform |
| 345 | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Operations Management |
| 346 | MATERIAL RESEARCH CENTER | DR. BHAGWATI SHARMA | Nanoscale materials for optical sensing of metal ions and biomolecules |
| 347 | MATERIAL RESEARCH CENTER | DR. BHAGWATI SHARMA | Soft materials for environmental applications |
| 348 | MATERIAL RESEARCH CENTER | DR. BHAGWATI SHARMA | Transition metal and metal oxide based nanozymes for optical and electrochemical sensing applications |
| 349 | MATERIAL RESEARCH CENTER | DR. SANDHYA VERMA | Microstructure-Informed Mitigation of Edge Cracking in DP980 Steel for Automotive Applications |
| 350 | MATERIAL RESEARCH CENTER | DR. SANDHYA VERMA | Structure-Property Correlation of Negative Photoresists for Microsensor Applications |
| 351 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Dual Functional Devices- Energy Conversion and Storage |
| 352 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Semiconductor Materials for Advanced Quantum Technology Devices |
| 353 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Flexible Transistors based on Next Generation Semiconductors |
| 354 | MATERIAL RESEARCH CENTER | DR. VIKAS SHARMA | Design and Development of High Performance Thin Film Metal Ion Battery/Supercapacitor |
| 355 | MATERIAL RESEARCH CENTER | DR. NISHA VERMA | Double Perovskite for Energy Storage |
| 356 | MATERIAL RESEARCH CENTER | DR. NISHA VERMA | 2D Materials for Energy Storage |
| 357 | MATHEMATICS | DR. RITU AGARWAL | Numerical simulation and analysis of fractional dynamical systems |
| 358 | MATHEMATICS | DR. RITU AGARWAL | Foundations and Evolution of Indian Mathematics |
| 359 | MATHEMATICS | DR. PRATIBHA SHAKYA | $C^0$-IP methods for partial differential equations |
| 360 | MATHEMATICS | DR. PRATIBHA SHAKYA | DG methods for partial differential equations |
| 361 | MATHEMATICS | DR. PRATIBHA SHAKYA | Nonconforming Finite element methods for partial differential equations |
| 362 | MATHEMATICS | DR. PRATIBHA SHAKYA | Mixed Finite element methods for partial differential equations |
| 363 | MATHEMATICS | DR. PRATIBHA SHAKYA | $C^0$-IP Methdos for PDEs in nondivergence form |
| 364 | MATHEMATICS | DR. PRATIBHA SHAKYA | FInite element methdos for fourth order partial differential equations |
| 365 | MATHEMATICS | DR. KUSHAL SHARMA | Mathematical Modeling and Analysis Using Differential Equations |
| 366 | MATHEMATICS | DR. KUSHAL SHARMA | Differential Equations for Mathematical Modeling and Simulation |
| 367 | MATHEMATICS | DR. SANTOSH CHAUDHARY | Computational Modeling of Partial Differential Equations |
| 368 | MATHEMATICS | DR. SANTOSH CHAUDHARY | Mathematical Study of Partial Differential Equations |
| 369 | MATHEMATICS | DR. SANTOSH CHAUDHARY | Computational Modeling of Differential Equations |

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| 370 | MATHEMATICS | DR. SANTOSH CHAUDHARY | Mathematical Study of Differential Equations |
| 371 | MATHEMATICS | DR. OM P. SUTHAR | Mathematical Modelling and Stability of Fluid Flows |
| 372 | MATHEMATICS | DR. OM P. SUTHAR | Numerical PDEs and Scientific Machine Learning for Modelling and Analysis of Physical Systems |
| 373 | MATHEMATICS | DR. OM P. SUTHAR | Stability and Dynamics of Nonlinear Mathematical Models |
| 374 | MATHEMATICS | DR. OM P. SUTHAR | Scientific Computing Methods for Partial Differential Equations |
| 375 | MATHEMATICS | DR. SANJAY BHATTER | Study of Generalized Special function and its applications |
| 376 | MATHEMATICS | DR. SANJAY BHATTER | Application of fractional calculus and special functions in Mathematical modeling |
| 377 | MATHEMATICS | DR. GEETANJALI CHATTOPADHYAY | Mathematical Fluid Dynamics |
| 378 | MATHEMATICS | DR. GEETANJALI CHATTOPADHYAY | Hydrodynamic Stability |
| 379 | MECHANICAL ENGINEERING | DR. MANISH KUMAR | Design and Optimization of Porous Structures for Thermal Management |
| 380 | MECHANICAL ENGINEERING | DR. MANISH KUMAR | Non-Newtonian Fluid Flow and Heat Transfer |
| 381 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Simulation Studies for Textile Composite Hybrid(Carbon-Kevlar-UHMWPE) Fabrication, Characterisation and Product Development |
| 382 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Mathematical Modelling for Micro-Machining (EDM) and Abrasive Flow Machine (AFM) for Micro-Channel based Device Development |
| 383 | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Design Thinking for Frugal for Product Design and Development |
| 384 | MECHANICAL ENGINEERING | DR. GAURAV HEDAU | Boiling heat transfer in mini and microchannel heat sink |
| 385 | MECHANICAL ENGINEERING | DR. GAURAV HEDAU | Mist flow in mini / microchannel heat sink |
| 386 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Design and Development of an Acoustic Levitation System for Pharmaceutical Applications |
| 387 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Developing Organic Acoustic absorbing material |
| 388 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Structure Health Monitoring |
| 389 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Passive/Active Noise Cancellation |
| 390 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Development of Metamaterial-Based Vibration Isolation Systems for Improved Occupational Ergonomics |
| 391 | MECHANICAL ENGINEERING | DR. PREETI GULIA | Design and Development of an Acoustic Levitation System for Pharmaceutical Applications |
| 392 | MECHANICAL ENGINEERING | DR. SURENDRA SINGH GODARA | Composites and nanocomposites |
| 393 | MECHANICAL ENGINEERING | DR. RAJEEV AGRAWAL | AI enabled Digital trust for sustainable and resilient Supply Chains |
| 394 | MECHANICAL ENGINEERING | DR. GULAB PAMNANI | Design optimization of composite material for lightweight structure. |
| 395 | MECHANICAL ENGINEERING | DR. MANJINDER SINGH | AI-Driven Prediction and Prevention of Critical Heat Flux (experimental and theoretical study) |
| 396 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | Transverse creep in Ni-based superalloy |

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| 397 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | Grain Boundary and Interface Effects on the High-Temperature Deformation Behaviour of Ni-Based Superalloys |
| 398 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Correlation of properties of additively manufactured automotive steels |
| 399 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Wear and corrosion study of PH steels |
| 400 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Development of light high entropy alloys |
| 401 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RANDHIR KUMAR SINGH | Heat treatment of alloys automotive grade alloys |
| 402 | METALLURGICAL AND MATERIALS ENGINEERING | DR. DEEPANKAR PANDA | Synthesis of nano materials for biomedical applications |
| 403 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Desigh and Developmnet of cathode materials for Zn-ion batteries |
| 404 | METALLURGICAL AND MATERIALS ENGINEERING | DR. BANDI SURESH | Development of Self lubricating coatings |
| 405 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | Grain boundary engineering of rare earth magnets |
| 406 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI-Assisted design of Sodium-Ion Batteries for Electric vehicles |
| 407 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | Microstructure engineering of high frequency power electronic magnets |
| 408 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI-Assisted design of Advanced Magneto-thermoelectric materials |
| 409 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI/ML-Assisted nanostructure engineering of advanced magnets for power electronics |
| 410 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAVI GAUTAM | AI/ML-Guided design of high- Entropy alloys for extreme environments |
| 411 | METALLURGICAL AND MATERIALS ENGINEERING | DR. KUNAL JAYPRAKASH BORSE | Nanocomposite materials |
| 412 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SREEKUMAR VADAKKE MADAM | Graphene composites |
| 413 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SREEKUMAR VADAKKE MADAM | Nanocomposites |
| 414 | METALLURGICAL AND MATERIALS ENGINEERING | DR. SREEKUMAR VADAKKE MADAM | Powder based lithium composites |
| 415 | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJESH KUMAR RAI | Steel for the naval applications |

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| 416 | PHYSICS | DR. KAMLENDRA AWASTHI | Hybrid Conducting Polymer/Metal Oxide Electrodes for Flexible Energy Storage |
| 417 | PHYSICS | DR. KAMLENDRA AWASTHI | Conductive Polymers for Next-Generation Wearable Biosensing |
| 418 | PHYSICS | DR. KAMLENDRA AWASTHI | Flexible nanocomposite membranes based nanogenerator for energy harvesting |
| 419 | PHYSICS | DR. KAMLENDRA AWASTHI | Flexible Gas Sensors with Machine Learning for Food Freshness and Environmental Monitoring |
| 420 | PHYSICS | DR. DEBASISH SARKAR | Advanced Electrode Materials for Sodium-Ion Batteries -Development of sustainable, high-performance electrode materials for improved capacity and cycling stability |
| 421 | PHYSICS | DR. DEBASISH SARKAR | Sodium-Ion Hybrid Capacitors for High-Power Energy Storage-Design of electrode materials and devices for enhanced energy and power densities |
| 422 | PHYSICS | DR. DEBASISH SARKAR | Flexible and Photo-Rechargeable Zinc-Ion Batteries-Design of flexible energy-storage devices with light-assisted charging |
| 423 | PHYSICS | DR. DEBASISH SARKAR | Nanostructured Carbon Electrodes for Zinc-Ion Hybrid Supercapacitors-Development of sustainable porous carbon electrodes for high-performance energy storage |
| 424 | PHYSICS | DR. KAVITA LALWANI | Use of Quanutm Computing in High Energy Physics and Space Physics Applications |
| 425 | PHYSICS | DR. KAVITA LALWANI | Quantum Computing and AI for Satellite Mission Planning and Earth Observation |
| 426 | PHYSICS | DR. ANIRBAN DUTTA | Nanomaterials for Energy Applications |
| 427 | PHYSICS | DR. ANIRBAN DUTTA | DFT Studies on Energy Materials |
| 428 | PHYSICS | DR. ANIRBAN DUTTA | Quantum Transport on Heusler Systems |
| 429 | PHYSICS | DR. ANIRBAN DUTTA | DFT Studies on Metal-ion Batteries |
| 430 | PHYSICS | DR. ANIRBAN DUTTA | DFT Investigation on Gas Sensing |
| 431 | PHYSICS | DR. ANIRBAN DUTTA | DFT Investigation for Hydrogen Storage |
| 432 | PHYSICS | DR. KAMAKSHI PANDEY | CFD simulation of Nature-Inspired Patterned Membranes for Enhanced Water Filtration and Fouling Mitigation |
| 433 | PHYSICS | DR. KAMAKSHI PANDEY | Advanced Nanocomposite Membranes for Biomass-to-Hydrogen Conversion |
| 434 | PHYSICS | DR. KAMAKSHI PANDEY | AI-Assisted CFD Modelling and Optimization of Microfluidic Point-of-Care Biosensors |
| 435 | PHYSICS | DR. KAMAKSHI PANDEY | MOF/COF-Polymer Hybrid Membranes for Hydrogen Purification |
| 436 | PHYSICS | DR. KAMAKSHI PANDEY | Polymer Nanocomposite Membranes for Low-Energy Separation in Clean-Energy Systems |
| 437 | PHYSICS | DR. KAMAKSHI PANDEY | CFD and AI Integrated Multiscale Modeling of Patterned Membranes for Enhanced Water Management and Performance in PEM Fuel Cells |
| 438 | PHYSICS | DR. K VENKATARATNAM KAMMA | Particle Physics Models of Dark Matter |
| 439 | PHYSICS | DR. K VENKATARATNAM KAMMA | Propagation of Gravitational waves in an Expanding Universe |

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| 440 | PHYSICS | DR. K VENKATARATNAM KAMMA | DFT Study of Adsorption and Activation on N-doped carbon Nano-frame Works |
| 441 | PHYSICS | DR. K VENKATARATNAM KAMMA | DFT Investigation of carbon Dioxide conversion into Value-Added Chemicals and Fuels |

**Table 6. FOR PART TIME PH.D. (ONLY FOR RESEARCH PERSONNEL PRESENTLY SERVING IN VARIOUS PROJECTS IN MNIT JAIPUR)**

| S.No. | Department/Centre | Faculty member Name | Tentative Research Area of proposed Ph.D. |
|---|---|---|---|
| 1. | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Planning and Operation of Future Power Systems with High Renewable Energy Penetration |
| 2. | CENTRE FOR ENERGY AND ENVIRONMENT | DR. PARUL MATHURIA | Power to X Sector Coupling for Integrated Energy Systems |
| 3. | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Development of nano composite for engineering applications |
| 4. | CHEMICAL ENGINEERING | DR. VIKAS KUMAR SANGAL | Wastewater/water Treatment |
| 5. | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | E-waste Recycling |
| 6. | CHEMICAL ENGINEERING | DR. RAMDAYAL PANDA | Rare earth metal recovery from scrap |
| 7. | CIVIL ENGINEERING | DR. LEELAMBAR SINGH | Framework for Urban Solar Microgrids and Grid Resiliency. |
| 8. | CIVIL ENGINEERING | DR. ABHISEKH SAHA | Sand dune stabilization |
| 9. | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Quantum computing and security |
| 10. | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Quantum communication |
| 11. | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Agentic AI |
| 12. | COMPUTER SCIENCE AND ENGINEERING | DR. RAMESH BABU BATTULA | Quantum machine learning security |
| 13. | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Artificial Intelligence, Machine Learning and Deep Learning |
| 14. | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Pattern recognition using hybrid deep learning techniques for medical and agricultural applications |
| 15. | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Generative AI and deep learning for natural language processing |

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| 16. | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Nature Inspired Optimisation and its real world applications |
| 17. | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Development of Android Security Solutions |
| 18. | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Design and Development of Advanced Mobile Security & Analysis Solutions |
| 19. | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | Android Mobile Vulnerability and Security Analysis Solutions |
| 20. | COMPUTER SCIENCE AND ENGINEERING | DR. JYOTI GROVER | AI in Cyber Security |
| 21. | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Quantum Algorithms for Resource Scheduling, Route Optimization, and Multimodal Logistics. |
| 22. | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Quantum Optimization |
| 23. | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | Cybersecurity |
| 24. | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Quantum Machine Learning |
| 25. | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Security in Agentic AI |
| 26. | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Agentic AI |
| 27. | COMPUTER SCIENCE AND ENGINEERING | DR. NEETA NAIN | Secure Deeplearning Modelling |
| 28. | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robotics and Control |
| 29. | ELECTRICAL ENGINEERING | DR. SURENDER HANS | AI in Robotics and Control |
| 30. | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robust Sliding Mode Control |
| 31. | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Non Linear and Robust Sliding Mode Control |
| 32. | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Decentralized, Secure, and Sustainable Electrical Systems for Smart Communities |
| 33. | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Operation and Control with GFM/GFL based inverter Control design |
| 34. | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Hybrid AC-DC Microgrid |
| 35. | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | AI/ML Application based Microgrid Planning |

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| 36. | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | signal processing and quantization of Cyber-Physical Systems |
| 37. | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | discretization approaches for Quantum Systems |
| 38. | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Net-zero energy system |
| 39. | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Long-term energy system planning |
| 40. | ELECTRICAL ENGINEERING | DR. HEMANT KUMAR MEENA | Applications of signal processing in power systems, electric vehicles, biomedical engineering, and image processing |
| 41. | ELECTRICAL ENGINEERING | DR. HEMANT KUMAR MEENA | Machine learning with optimization in power systems, power electronics, and electric vehicles |
| 42. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VINEET SAHULA | Intelligent IoT (EDGE) devices and applications (CPS) |
| 43. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. VINEET SAHULA | Cross-Lingual Transfer for Extreme Low-Resource Languages OR zero-corpus |
| 44. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | AI/ML Algorithms for Wireless Sensor Networks |
| 45. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | Distributed Data Processing in Wireless Sensor Networks |
| 46. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Analog and Digital VLSI Design |
| 47. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Nano Electronics Device Modelling & Simulation |
| 48. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Millimeter Wave Radar Sensing Circuits |
| 49. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Microelectronic Devices & Circuits |
| 50. | MANAGEMENT STUDIES | DR. REETA SINGH | Leadership and Strategic HRM |
| 51. | MANAGEMENT STUDIES | DR. REETA SINGH | Workforce Planning - Reskilling & Upskilling for technological advancements |
| 52. | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Impact Analysis |
| 53. | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Sustainability |
| 54. | MANAGEMENT STUDIES | DR. SUNANDA KATEWA | Developmental Research |
| 55. | MECHANICAL ENGINEERING | DR. HARLAL SINGH MALI | Static and Dynamic Fracture Toughness Studies of Ceramic Faced Fiber Reinforced Polymer Composites for Armour Applications |

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| 56. | MECHANICAL ENGINEERING | DR. SURENDRA SINGH GODARA | Development of high performance multifunctional nanocomposites for Aerospace applications |
| 57. | MECHANICAL ENGINEERING | DR. SURENDRA SINGH GODARA | Design and Development of AI enabled UAV |
| 58. | MECHANICAL ENGINEERING | DR. DINESH KUMAR RATHORE | Development of CNT grafted carbon fiber tow and fabric: Emphasis on roll to roll continuous and scalable process |
| 59. | MECHANICAL ENGINEERING | DR. JINESH KUMAR JAIN | Post-Processing of Functional Bimetallic Wire Arc Additive Manufactured Components |
| 60. | MECHANICAL ENGINEERING | DR. JINESH KUMAR JAIN | Optimization of Friction Stir Welding Parameters |
| 61. | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJENDRA KUMAR GOYAL | Synthesis of polymer nanocomposites and their properties |
| 62. | METALLURGICAL AND MATERIALS ENGINEERING | DR. RAJENDRA KUMAR GOYAL | 3D Printing of Polymer Composites and Their Properties |
| 63. | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | Microstructure-Mechanism Relationships Governing High-Temperature Deformation of Ni-Based Superalloys |
| 64. | METALLURGICAL AND MATERIALS ENGINEERING | DR. RICHA GUPTA | Temperature-Dependent Deformation Mechanisms and Microstructural Evolution in Ni-Based Superalloys |
| 65. | METALLURGICAL AND MATERIALS ENGINEERING | DR. DEEPANKAR PANDA | Deformation behaviour of materials |

**Table 7. VISVESVARAYA PhD scheme (MeitY) Full Time**

| S.No. | Department/Centre | Faculty member Name | Tentative Research Area of proposed Ph.D. |
|---|---|---|---|
| 1. | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Artificial Intelligence and Machine Learning |
| 2. | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Deep learning and pattern recognition |
| 3. | COMPUTER SCIENCE AND ENGINEERING | DR. SMITA NAVAL | AI powdered malware detection and explainable framework |
| 4. | COMPUTER SCIENCE AND ENGINEERING | DR. SMITA NAVAL | Deepfake multimodal detection system |
| 5. | COMPUTER SCIENCE AND ENGINEERING | DR. YOGESH KUMAR MEENA | AI/ML for Healthcare |
| 6. | COMPUTER SCIENCE AND ENGINEERING | DR. YOGESH KUMAR MEENA | AI/ML for Agriculture |
| 7. | COMPUTER SCIENCE AND ENGINEERING | DR. NAMITA MITTAL | An AI-Driven Framework for Low-Resource Machine Translation |

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| 8. | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | Medical Image Analysis and Diagnosis using Deep Learning and Beyond |
| 9. | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | Machine/Deep Learning for Image Processing and Computer Vision |
| 10. | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Generative AI and Large Language Models for Intelligent Educational Systems |
| 11. | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Machine/Deep Learning with Graphs |
| 12. | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Artificial Intelligence and Machine Learning for Intelligent Systems and Real-World Applications |
| 13. | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Artificial Intelligence, Multimodal Learning, Computer Vision, and Pattern Recognition |
| 14. | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | AI/ML-Based Cybersecurity |
| 15. | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | UAV/Drone Security |
| 16. | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Security of Agentic AI Systems |
| 17. | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Zero Trust and Identity-Centric Security |
| 18. | COMPUTER SCIENCE AND ENGINEERING | DR. MUSHTAQ AHMED | Wireless network |
| 19. | COMPUTER SCIENCE AND ENGINEERING | DR. MUSHTAQ AHMED | Data analytics |
| 20. | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | Machine Learning and It's application |
| 21. | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | Cyber Security |
| 22. | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | Power Management in DC Microgrid |
| 23. | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | Control of Power Converters in Renewable Energy System |
| 24. | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | AI-Enabled Data-Driven Control of Autonomous Cyber-Physical Systems |
| 25. | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | Nonlinear Dynamics, Bifurcation Analysis and Intelligent Control of Robotic Systems |
| 26. | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robotics and control |
| 27. | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robust Sliding Mode Control |

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| 28. | ELECTRICAL ENGINEERING | DR. NEELI SATYANARAYANA | Fault-Tolerant Control and State Estimation in Cyber Physical Systems |
| 29. | ELECTRICAL ENGINEERING | DR. NEELI SATYANARAYANA | Robust nonlinear trajectory tracking in Autonomous Underwater Vehicles (AUVs) |
| 30. | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | EV operations in modern power system |
| 31. | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | Operation and control issues of Smart grid |
| 32. | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Decentralized and Sustainable Electrical Systems for Smart Communities |
| 33. | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Operation and Control |
| 34. | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Power Electronics |
| 35. | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Electric Vehicle |
| 36. | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Electric vehicles, control and modelling |
| 37. | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Nonlinear control & Observation |
| 38. | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | Privacy Preservation in Smart Grids |
| 39. | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | Smart Meter Data Analytics |
| 40. | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for Power management |
| 41. | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for Robotics |
| 42. | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Data Analytics for Smart Grids |
| 43. | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Digital Twins for Power Systems |
| 44. | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI applications to EV |
| 45. | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI and control |
| 46. | ELECTRICAL ENGINEERING | DR. HEMANT KUMAR MEENA | Real Time Applications of AI in Image Processing & Health |
| 47. | ELECTRICAL ENGINEERING | DR. HEMANT KUMAR MEENA | Real Time Applications of AI in Electrical/Electronics Systems |
| 48. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SARTHAK SINGHAL | Metasurfaces for Sensing and Energy Harvesting Applications |
| 49. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SARTHAK SINGHAL | Antennas for Wireless and Sensing Applications |

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| 50. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | AI/ML Algorithms for Wireless Sensor Networks |
| 51. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | Distributed Data Processing in Wireless Sensor Networks |
| 52. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | Edge-AI for IoT and Cyber-Physical System |
| 53. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | AI-Driven Environmental Monitoring using IoT |
| 54. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ANKIT | Molecular Communication |
| 55. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. ANKIT | Wireless Communication |
| 56. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | THz Antenna |
| 57. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | Antenna for 5G/6G Applications |
| 58. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | AI/ML Assisted RIS for communication |
| 59. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | Peiezo-Triboelectric sensor for energy harvester |
| 60. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Microwave Imaging |
| 61. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Quantum Communication |
| 62. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Analog and Digital VLSI Design |
| 63. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Nano Electronics Device Modelling & Simulation |
| 64. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | Analog Integrated Circuits |
| 65. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | MEMS based sensors |

**Table 8. VISVESVARAYA PhD scheme (MeitY) Part Time**

| S.No. | Department/Centre | Faculty member Name | Tentative Research Area of proposed Ph.D. |
|---|---|---|---|
| 1. | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Artificial Intelligence and Machine Learning |

| | | | |
|---|---|---|---|
| 2. | COMPUTER SCIENCE AND ENGINEERING | DR. LAVIKA GOEL | Deep learning and pattern recognition |
| 3. | COMPUTER SCIENCE AND ENGINEERING | DR. SMITA NAVAL | Hardening mobile security solutions |
| 4. | COMPUTER SCIENCE AND ENGINEERING | DR. SMITA NAVAL | Machine unlearning for cybersecure AI systems |
| 5. | COMPUTER SCIENCE AND ENGINEERING | DR. YOGESH KUMAR MEENA | AI/ML for Healthcare |
| 6. | COMPUTER SCIENCE AND ENGINEERING | DR. NAMITA MITTAL | An AI-Based System for Machine Translation for Low-Resource Language |
| 7. | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | AI/ML for Healthcare Applications |
| 8. | COMPUTER SCIENCE AND ENGINEERING | DR. DEEPAK RANJAN NAYAK | Multimodal and Generative AI, Efficient AI |
| 9. | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Generative AI and Large Language Models for Intelligent Educational Systems |
| 10. | COMPUTER SCIENCE AND ENGINEERING | DR. MAHIPAL PRITHVISINH JADEJA | Machine/Deep Learning with Graphs |
| 11. | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Artificial Intelligence and Machine Learning for Intelligent Systems and Real-World Applications |
| 12. | COMPUTER SCIENCE AND ENGINEERING | DR. SONU LAMBA | Artificial Intelligence, Multimodal Learning, Computer Vision, and Pattern Recognition |
| 13. | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | AI/ML-Based Cybersecurity |
| 14. | COMPUTER SCIENCE AND ENGINEERING | DR. MEENAKSHI TRIPATHI | UAV/Drone Security |
| 15. | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Security of Agentic AI Systems |
| 16. | COMPUTER SCIENCE AND ENGINEERING | DR. VIKASH KUMAR | Zero Trust and Identity-Centric Security |
| 17. | COMPUTER SCIENCE AND ENGINEERING | DR. MUSHTAQ AHMED | Faderated learning |
| 18. | COMPUTER SCIENCE AND ENGINEERING | DR. MUSHTAQ AHMED | Internet of things |
| 19. | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | Federated Learning and it's application |
| 20. | COMPUTER SCIENCE AND ENGINEERING | DR. DINESH KUMAR TYAGI | Quantum computing in 5G and Beyond newtorks |

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|---|---|---|---|
| 21. | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Quantum Machine Learning |
| 22. | COMPUTER SCIENCE AND ENGINEERING | DR. PILLI EMMANUEL SHUBHAKAR | Security in Agentic AI and LLMs |
| 23. | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | Power Management in DC Microgrid |
| 24. | ELECTRICAL ENGINEERING | DR. MAN MOHAN GARG | Control of Power Converters in Renewable Energy System |
| 25. | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | Structure-Preserving Discretization and Stability Analysis of Dynamical Systems |
| 26. | ELECTRICAL ENGINEERING | DR. GAGAN DEEP MEENA | Intelligent Measurement, System Identification and State Estimation for Cyber-Physical Systems |
| 27. | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robotics in AI- ML |
| 28. | ELECTRICAL ENGINEERING | DR. SURENDER HANS | Robotics and Control |
| 29. | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | EV operations in modern power system |
| 30. | ELECTRICAL ENGINEERING | DR. MANOJ FOZDAR | Operation and control issues of Smart grid |
| 31. | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Decentralized and Sustainable Electrical Systems for Smart Communities |
| 32. | ELECTRICAL ENGINEERING | DR. DEEPAK KUMAR | Microgrid Operation and Control |
| 33. | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Power Electronics |
| 34. | ELECTRICAL ENGINEERING | DR. NITIN GUPTA | Electric Vehicle |
| 35. | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | AI and robotics |
| 36. | ELECTRICAL ENGINEERING | DR. ANKIT SACHAN | Lyapunov-based control |
| 37. | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | Cyber security applications in Smart Grid |
| 38. | ELECTRICAL ENGINEERING | DR. SATISH SHARMA | Renewable integration to Power systems |
| 39. | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for Robotics |
| 40. | ELECTRICAL ENGINEERING | DR. RAJESH KUMAR | AI for Power management |
| 41. | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | AI applications to Power Systems |
| 42. | ELECTRICAL ENGINEERING | DR. ROHIT BHAKAR | Demand Response Mechanisms |

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| 43. | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI for EV |
| 44. | ELECTRICAL ENGINEERING | DR. VINAY PRATAP SINGH | AI for control applications |
| 45. | ELECTRICAL ENGINEERING | DR. HEMANT KUMAR MEENA | Real Time Applications of AI in Image Processing & Health |
| 46. | ELECTRICAL ENGINEERING | DR. HEMANT KUMAR MEENA | Real Time Applications of AI in Electrical/Electronics Systems |
| 47. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | AI/ML Algorithms for Wireless Sensor Networks |
| 48. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. SATYASAI JAGANNATH NANDA | Distributed Data Processing in Wireless Sensor Networks |
| 49. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | Application of AI for IoT and Cyber-Physical system |
| 50. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. HEMANT SHARMA | AI-Driven Environmental Monitoring using IoT |
| 51. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | THz Antenna |
| 52. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. REENA KUMARI | Antenna for 5G/6G Applications |
| 53. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | AI/ML Assisted IOT system for healtcare |
| 54. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RITU SHARMA | Synthesis of Diamond wafer for chip industry |
| 55. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Microwaves |
| 56. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. RAJENDRA MITHARWAL | Antenna Measurements |
| 57. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Analog and Digital VLSI Design |
| 58. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. BHARAT CHOUDHARY | Nano Electronics Device Modelling & Simulation |
| 59. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | Analog Integrated Circuits |
| 60. | ELECTRONICS AND COMMUNICATION ENGINEERING | DR. D. BOOLCHANDANI | MEMS based sensors |

## 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, 2026.**

(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. | |

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|---|---|---|
| 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.<br><br>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 not more than 500 words) for the topic chosen as first priority. It MUST be attached with application. This will have due weightage during process of screening/selection process.
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 2026.
ix. NOC (as per annexure v / vi) 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**
**(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/viva for PG Program……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 Ph.D. programmes at MNIT Jaipur. He/She is yet to complete / has completed all the requirements of qualifying examination including theory, practical and project examination/viva for PG Program …….. (Strike out the non-applicable ones and write in the blank if the degree is not mentioned) and the result is likely to be announced by ..... His/her conduct and character during his/her stay at the Institute/University is "GOOD".

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

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

**ANNEXURE IV**

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

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

To,
The Director
MNIT, Jaipur
Sub: Sponsoring of an employer for Ph.D. Programme.

We hereby Sponsor the candidature of Mr./Ms. ..... who is working in this organization for the last .....years and is presently holding the rank/position of ..... for joining his/her Ph.D. programme in …… at your Institute as a Full Time candidate in the Department of ..... ..... with specialization in the following areas:
1.……
2.....
3.....

His/her conduct and character is good.

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

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

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

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

**ANNEXURE V**

**NO OBJECTION CERTIFICATE**

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

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

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

1.....

2.....

3. .....

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

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

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

**ANNEXURE VI**

**NO OBJECTION CERTIFICATE**

**(Required from Candidates Seeking Admission on OFF CAMPUS Basis)**
**(On a letterhead of the sponsoring organization & enclosed with application for admission)**

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

1.....

2.....

3. .....

His/her conduct and character is good. We are ready to relieve him/her to stay on the campus to enable the candidate to complete the "Course work", "Comprehensive Examination" and "State of Art Seminar" and at the end of every semester for the semester evaluation. The organization has the **research and library facilities** available and the same would be available to him/her for carrying out research.

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

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

**Annexure VII**

**FORMAT FOR OBC [NCL] CERTIFICATE**

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

**[This certificate MUST have been issued on or after 1st April 2026]**

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 VIII**

# ***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, 2026.

**Place: Signature of the Candidate**

**Date**:

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

**Annexure IX**

# SC/ST CERTIFICATE FORMAT

**FORM OF CERTIFICATE TO BE PRODUCED BY A CANDIDATE BELONGING TO SCHEDULED CASTE OR SCHEDULED TRIBE**

**This is to certify that Shri/Smt./Kum._____ Son/Daughter of Shri ____ _____**

**_____of village/Town_____in District/ Division _____ of the State/Union Territory _____ belongs to the _____ caste/Tribe, which is recognized as a Schedule Caste/Scheduled Tribe under.**

The Constitution (Scheduled Castes) order, 1950.

The Constitution (Scheduled Tribes) order, 1950.

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

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

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

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

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

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

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

The Constitution (Pondichery) Scheduled Castes Order, 1964;

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

*The Constitution (Goa, Daman &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 X**

## 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.

ANNEXURE XII

## 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 2026**

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 XIII**

## 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 |
| 17 | ARTIFICIAL INTELLIGENCE & DATA ENGINEERING | dpgc.aide@mnit.ac.in |