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:

Office of Dean Academic
Malaviya National Institute of Technology
J.L.N. Marg, Jaipur (Raj.) – 302017
E-mail: admissions@mnit.ac.in
webmaster@mnit.ac.in (for technical issues)
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	✗	✓	✗	✗

	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): Seminar : 3 Credit Research Methodology I : 2 credit Four Courses :12 Credit	Third Semester(minimum 18 Credit maximum 21 Credit): Courses of regular M.Plan. Degree :16 Credit Research Methodology I : 2 Credit One Courses extra : 3 Credit
Fourth Semester(minimum 11 Credit maximum 19 Credit) Research Methodology II : 2 Credits Dissertation : 14 Credits One Course : 3 Credits	Fourth Semester (minimum 16 Credit maximum 22 Credit) Dissertation : 14 Credit Research Methodology II : 2 Credit One/Two Course extra : 3/6 Credits

Any 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. 38,750/- per month (1st and 2nd year) and @ Rs. 43,750/- per month for 3rd, 4th and 5th year of Ph.D. (support till Ph.D. completion or 05 years whichever is earlier).**

b) Reimbursement of Rent (RoR) : This component is linked with the fellowship of Ph.D. candidate. The rate of RoR is 16%.

c) An amount of Rs.1,20,000/- per year towards Research Contingency Grant (after completion of tenure of one year) subject to the fulfillment of the conditions as per guidelines of MeitY.

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

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

Table 1 : Minimum qualification(s)

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

Mechanical Engineering	B.Tech./M.Tech. degree or equivalent degree in Mechanical/ Industrial/ Production Engg. B.Tech./M.Tech. degree/disciplines consistent with the research areas of the department.
# Metallurgical & Materials Engineering	B.E./B.Tech./M.Tech. in Metallurgical Engineering, Materials Engineering, Mechanical Engineering, Aerospace Engineering, Applied Mechanics or relevant discipline. Or M.Sc. in Physics, Applied Physics, Engineering Physics, Chemistry, Materials Science, Polymer Science, Nanotechnology / Nanoscience or relevant discipline. **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. **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: M.Sc. in Physics /Applied Physics/ Engineering Physics/ allied areas of Physics/ interdisciplinary areas in physical sciences M.Tech. or equivalent degree in Materials Science/ Solid State Physics/ Engineering Physics / Polymer Science / Nanoscience and Nanotechnology/Energy Science/ Technology/ Computational Techniques in Physics
# Centre for Energy and Environment	1. B.Tech. /B.E. /B.Arch. / M.Sc. with M.Tech. in a relevant discipline. Or 2. M.Sc. in Physics/ Chemistry/ Biotechnology/ Biochemistry/ Renewable Energy/Sustainable Development/ Energy Science/ Data Science/ Environmental Science/ Semiconductor Technology, or relevant discipline. **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. **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 Master's degree in Structural engineering/Earthquake Engineering or any other branch of civil/architectural Engineering
Management Studies	The applicant must have a two-year post-graduate degree or equivalent from recognized institute/University.
# Materials Research Centre	The applicant must have a Master's degree in Engineering/Technology/ Science subject Other Qualifications: 1. M.Tech/M.E. or equivalent degree in Materials Science and Engineering, Metallurgical Engineering, Ceramics, Mechanical Engineering, Nanoscience, Polymer Technology, Electronics, Nanotechnology. 2. B.Tech. students graduating from an IIT with a CGPA of 8.0 or above in the above disciplines along with a valid GATE score OR B.Tech / BE (from other reputed Institutions of National importance) with CGPA of 8.5 and above, are eligible to apply. 3. M.Sc in Materials Science/Physics/Chemistry Polymer Technology, Electronics, Nanotechnology. Or equivalent Master's degree in allied areas.
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

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

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

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

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

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)

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

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

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

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

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.

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

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

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

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

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

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

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

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

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.
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

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

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

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

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)

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

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

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
217	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	AI and Machine Learning
218	COMPUTER SCIENCE AND ENGINEERING	DR. NEETA NAIN	Biometric Applications

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

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

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

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)

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

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

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

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

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

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

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

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

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

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

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

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

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

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.	

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

14.MATTERS OF DISPUTE

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

15. RAGGING

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

16. IMPORTANT INSTRUCTIONS

a. The candidates are advised to read each and every instruction given in this Information Brochure very carefully before filling-up the Application Form.

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

c. The candidate must keep a photocopy of the application form for future reference.

d. Scrutiny of application shall be done solely on the basis of information submitted by you in the application form, hence fill it very carefully. If at any stage of admission process a candidate is found not to meet the eligibility criteria, have hidden/submitted incorrect information, the candidature of the candidate will be summarily cancelled.

e. Request for change of category received after the last date will not be accepted under any circumstances.

f. Self-attested photo stat copies of the certificates/testimonials and all originals documents, PG dissertation/thesis copy should be brought along with the Application Form while coming for admission process. Two recent passport size photographs should be brought. Application Form either incompletely filled or without attested copies of the certificates/testimonials is liable to be rejected.

g. Original Documents/ Self attested photocopies of the following certificates have to be brought along with the Application From at the time **of interview** :-

i. High School/Secondary School certificate in support of age/date of birth. No other certificate is acceptable in support of the age/date of birth.
ii. Provisional/Final Degree certificate/Migration Certificate must be attached.
iii. The Marks Sheet/Grade Card of Qualifying Examination including Diploma if applicable.
iv. Character Certificate from the Director/Dean of Students Affairs of the Institute from where the candidate has graduated (For all candidates).
v. Character Certificate from two persons of repute where the candidate has been residing for the last two years (For part-time course applicants only).
vi. Certificate from the employer on the official stationary and rubber stamp of the organization/institution (For full-time sponsored/part-time candidates only).
vii. Candidate needs to submit a statement about research proposal (in 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