INFORMATION BROCHURE

FOR ADMISSION TO

DOCTOR OF PHILOSOPHY- Ph.D.

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

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

ODD 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)
0141- 2715046 **(PG)** (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 :- 18-04-2026
- Last Date of submission of Online Application form :- 07-05-2026 (till 5.00 PM)

Provisional list of shortlisted/eligible candidates for written test/interview will be displayed on Institute website by **14-05-2026**

- Dates of written test & Interview of the shortlisted candidates for **Ph.D.** :- 25-26 May 2026
- Dates of written test of the shortlisted candidates for **PG** :- 25 May 2026
- Final Result **(Ph.D. Program)** :- 05-06-2026
- Final Result **(PG Program)** :- First week of August 2026 (Tentative)

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.

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 for Ph.D., Table 7 for M.Tech./M.Plan. (Sponsored Full-Time / Sponsored Part-Time), and Table 8 for M.Tech./M.Plan. (Full Time Self-Financed)

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

4.2 SELECTION PROCESS

4.2.1. M.Tech./M.Plan. (Sponsored Full-Time / Sponsored Part-Time) & M.Tech./M.Plan. (Full Time Self-Financed)

Admission shall be based solely on an Institute-level Written Test, which will carry 100% weightage. Detailed syllabus and exam pattern will be notified later on the official website of MNIT Jaipur.

4.2.2. Phd

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

The admissions to M.Tech./M.Plan. (Full Time with Assistantship) will be done through Centralized Counseling for M. Tech./M.Plan. (CCMT) for the year 2026-27. For more details and information brochure, please visit the website www.ccmt.nic.in

4.4 M. TECH./M. PLAN. (SELF-FINANCED) (FULL TIME WITHOUT ASSISTANTSHIP)

The Institute has introduced a Self-Financed Admission Category in its existing M.Tech./M.Plan. programmes. The details of this category are as follows:

a) Selection Procedure: Admission under the Self-Financed Category shall be based solely on an Institute-level Written Test, which will carry 100% weightage.

b) Minimum qualifications: The minimum academic qualifications, including the requisite Bachelor's/Master's degree (The detailed eligibility criteria for each programme are provided in Table 8) and other eligibility criteria, shall be the same as those prescribed for admission through the Centralized Counselling for M.Tech./M.Plan. (CCMT).

The detailed eligibility criteria for each programme are provided in Table 8.

There is no requirement of any work experience for admission under this category.

However, the requirement of possessing a valid GATE score shall not be mandatory for candidates applying under this category.

c) Minimum Qualifying Marks: Candidates must secure a minimum of 35% marks in the Institute-level Written Test to be considered for admission under this category, irrespective of their category.

d) Seats: Ten (10) seats per M.Tech./M.Plan. programme under the Self-Financed Category. The detailed seat matrix is provided in Table 12.

e) Preparation of Merit List and Waitlist:

Candidates who:

- have opted for a particular M.Tech. programme,
- have appeared in the Institute-level Written Test, and
- have qualified the minimum cut-off criteria,
  shall be ranked in order of merit based on their performance in the written test.
- The top candidates, as per the approved seat matrix and applicable reservation policy, shall be offered admission.
- The remaining eligible candidates shall be placed on a waitlist, strictly in order of merit.

f) Utilization of Vacant Seats after CCMT Allotment: In addition to the ten (10) seats earmarked under the Self-Financed Category:

- Any seats remaining vacant after completion of the CCMT allotment process may be offered to waitlisted Self-Financed candidates, strictly in order of merit.
- Such allotment shall be made in accordance with Institute norms and relevant provisions of the Postgraduate Regulations.

g) Conditions for Running the Programme: The offering of an M.Tech. programme shall be subject to academic viability as determined by the Institute. A programme may run based on the number of candidates admitted through CCMT, or on the combined strength of candidates admitted through CCMT and other approved categories, including Part-Time Sponsored, Full-Time Sponsored, and Self-Financed candidates who have completed the admission formalities.
Notwithstanding the above, a programme may also be permitted to run where candidates admitted through CCMT opt to continue in the same programme after exercising all available options for change of programme or institute, in accordance with the applicable regulations.

4.5 M. TECH./M. PLAN. (FULL TIME SPONSORED/PART-TIME SPONSORED)

Sponsored candidates are employees of a Public Sector Undertaking, a Government Department, a Research & Development organization, or a recognized private industry of repute (approved by SPGB on the recommendation of DPGC), or an Educational Institution, or be a Defence Sponsored Officer. Such candidates must be sponsored as Full-Time students. Part-Time Candidates are Employees working in any Govt. organization/ Recognized private institutions.

ii. The applicant must have a Bachelor's degree in Engineering/AMIE in appropriate discipline or a Master's degree in appropriate discipline with specified minimum CGPA/marks, as discussed above.

iii. The applicant must have at least two years regular service 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.

iv. For working employees of MNIT, one year experience is required.

Conditions for Running the Programme: The offering of an M.Tech. programme shall be subject to academic viability as determined by the Institute. A programme may run based on the number of candidates admitted through CCMT, or on the combined strength of candidates admitted through CCMT and other approved categories, including Part-Time Sponsored, Full-Time Sponsored, and Self-Financed candidates who have completed the admission formalities.

Notwithstanding the above, a programme may also be permitted to run where candidates admitted through CCMT opt to continue in the same programme after exercising all available options for change of programme or institute, in accordance with the applicable regulations.

4. 6 DOCTOR OF PHILOSOPHY

4.6.1 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.

4.6.2 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).

4.6.3 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)

4.6.4 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 M.Tech./M.Plan./Research. Candidate should give undertaking that he would fulfill the attendance requirements of all the courses undertaken by him for fulfillment of the course pursued.

   b. She/he will have to reside in the institute for a period of not less than one year during his/her registration for the degree. However, this condition can be relaxed for a candidate working in or around Jaipur (within a radius of 70 KM).

      1. M.Tech./M.Plan. Residency requirement of 1 year for doing complete course work

      2. Ph.D. Residency requirement until completing candidacy requirement

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

i. A candidate residing outside 70 km radius of Jaipur and working in an R&D establishment or in other institution / organization, which is equipped with the necessary infrastructure for carrying out research and library facilities, may be considered by Senate, for admission only to the Ph.D. programmes in Engineering/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. Also, Students admitted under M.Tech./M.Plan. (Self-Financed) category will not get any type of assistantship/scholarship.

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. degree in Metallurgical Engineering/ Materials Engineering/ Mechanical Engineering/ Materials Science and Engineering / Metallurgical and Materials Engineering / Chemical Engineering / Ceramic Engineering/Manufacturing Engineering/ Production Engineering/ Materials Science/Forge and Foundry with M.E./M.Tech degree in Metallurgical Engineering/ Materials Science/ Ceramic Engineering /Thermal Engineering / Polymer Engineering/Plastic Engineering/ Polymer Science and Engineering/Metallurgy and Materials Science/Materials Engineering/ Design/ Machine Design/Production/Foundry/ Industrial Metallurgy/ Welding Technology/ Manufacturing/ Process Metallurgy/Process Engineering/ Corrosion Engineering/ Nano Technology/Steel Technology/Mineral Processing/ Alloy Technology/ Extractive Metallurgy/ Composites/ Powder Metallurgy.
Physics	The applicant must have a Master's degree in following areas: M.Sc. in Physics /Applied Physics/ Engineering Physics/ allied areas of Physics/ interdisciplinary areas in physical sciences M.Tech. or equivalent degree in Materials Science/ Solid State Physics/ Engineering Physics / Polymer Science / Nanoscience and Nanotechnology/Energy Science/ Technology/ Computational Techniques in Physics
Centre for Energy and Environment	1) B.Tech./B.E./B.Arch/M.Sc. With M.Tech in a relevant discipline. 2) M.Sc. in Physics/Chemistry/Biotechnology/Renewable Energy/Sustainable Development with JRF (Funding from CSIR/UGC/ICMR).
National Centre for Disaster Mitigation and Management	Bachelor's degree in Civil Engineering/Architecture Master's degree in Structural engineering/Earthquake Engineering or any other branch of civil/architectural Engineering
Management Studies	The applicant must have a two-year post-graduate degree or equivalent from recognized institute/University.
Materials Research Centre	The applicant must have a Master's degree in Engineering/Technology/ Science subject Other Qualifications: 1. M.Tech/M.E. or equivalent degree in Materials Science and Engineering, Metallurgical Engineering, Ceramics, Mechanical Engineering, Nanoscience, Polymer Technology, Electronics, Nanotechnology. 2. B.Tech. students graduating from an IIT with a CGPA of 8.0 or above in the

	above disciplines along with a valid GATE score OR B.Tech / BE (from other reputed Institutions of National importance) with CGPA of 8.5 and above, are eligible to apply. 3. M.Sc in Materials Science/Physics/Chemistry Polymer Technology, Electronics, Nanotechnology. Or equivalent Master's degree in allied areas.
Artificial Intelligence and Data Engineering	Master's degree in Engineering/ Technology in AI/Data Science or relevant disciplines

Note: In case of equivalent degree, the student is required to submit equivalence certificate w.r.t his/her qualifying degree from Association of Indian University/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	NAND KUMAR	Planning for sustainable urban development
2	ARCHITECTURE AND PLANNING	NAND KUMAR	Planning for net zero / energy efficient building
3	ARCHITECTURE AND PLANNING	YASH KUMAR MITTAL	Urban Planning and Project Management
4	ARCHITECTURE AND PLANNING	YASH KUMAR MITTAL	Planning for Disaster Resilience
5	ARCHITECTURE AND PLANNING	GIREENDRA KUMAR	Thermal and Visual Comfort for Indoor and Outdoor Spaces
6	ARCHITECTURE AND PLANNING	GIREENDRA KUMAR	Development Regulations for Smart City and Digital Infrastructure
7	ARCHITECTURE AND PLANNING	TARUN VERMA	Human-Centric Built Environments and Occupant Well-being
8	ARCHITECTURE AND PLANNING	TARUN VERMA	Urban Microclimate & Outdoor Comfort
9	ARCHITECTURE AND PLANNING	POOJA NIGAM	Planning and Design for sustainable Urban Development
10	ARCHITECTURE AND PLANNING	POOJA NIGAM	Built Vernacular Heritage and Traditional Knowledge Systems
11	ARCHITECTURE AND PLANNING	ATUL KUMAR BILTORIA	Affordable, Modular and Fast-paced Housing
12	ARCHITECTURE AND PLANNING	ATUL KUMAR BILTORIA	Efficient Smart Cities with Local management system and citizen participation
13	ARCHITECTURE AND PLANNING	NIRUTI GUPTA	Sustainable Urban Infrastructure
14	ARCHITECTURE AND PLANNING	NIRUTI GUPTA	Climate change, urban resilience and disaster management
15	ARCHITECTURE AND PLANNING	BHAVNA SHRIVASTAVA	Sustainable built environment & housing
16	ARCHITECTURE AND PLANNING	BHAVNA SHRIVASTAVA	Sustainable Urban planning and Walkebilty
17	ARCHITECTURE AND PLANNING	MANISH SHARMA	Urban water resilience
18	ARCHITECTURE AND PLANNING	MANISH SHARMA	Disaster resilience planning
19	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Deep Learning Approaches for Motion analytics

20	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Vision language action models for robotic control
21	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	DINESH GOPALANI	Generative AI
22	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	DINESH GOPALANI	Multimodal LLMs
23	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Generative AI and its application including in structural design
24	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Neural Operator and Foundation model
25	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Electric vehicles
26	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Building energy management
27	CENTRE FOR ENERGY AND ENVIRONMENT	AMARTYA CHOWDHURY	Thermal Behaviour and Cooling Techniques for BIPV Facades
28	CENTRE FOR ENERGY AND ENVIRONMENT	AMARTYA CHOWDHURY	Techno-Economic Feasibility of BIPV in Urban India
29	CENTRE FOR ENERGY AND ENVIRONMENT	KAPIL PAREEK	Battery management system
30	CENTRE FOR ENERGY AND ENVIRONMENT	KAPIL PAREEK	Hydrogen energy systesm
31	CENTRE FOR ENERGY AND ENVIRONMENT	SUNANDA SINHA	New and Innovative applications of Solar PV
32	CENTRE FOR ENERGY AND ENVIRONMENT	SUNANDA SINHA	Sustainability and Renewable Energy
33	CENTRE FOR ENERGY AND ENVIRONMENT	PARUL MATHURIA	Power to X Sector Coupling for Integrated Energy Systems operations
34	CENTRE FOR ENERGY AND ENVIRONMENT	PARUL MATHURIA	Power Market Design & Flexibility Mechanisms in smart grid systems
35	CHEMICAL ENGINEERING	MADHU AGARWAL	Synthesis and application of waste derived biochar for water treatment and energy storage
36	CHEMICAL ENGINEERING	MADHU AGARWAL	Development of value added products from natural and industrial waste materials
37	CHEMICAL ENGINEERING	HRUSHIKESH MADHUSUDAN GADE	Molecular dynamics investigations for biopolymer-based novel materials development using self-assembly approach.
38	CHEMICAL ENGINEERING	HRUSHIKESH MADHUSUDAN GADE	MD Simulation of Water and Ion Permeation Through Functionalized Graphene Oxide Membranes for Desalination
39	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Development of Functional Materials for Wastewater Treatment
40	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Conversion of Biomass to Aviation Fuels
41	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Synthesis of Medicinally Important Chemicals from Glycerol
42	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Catalytic Degradation of Industrial Wastewater
43	CHEMICAL ENGINEERING	RAMDAYAL PANDA	Circular economy in battery storage enabled by recovery of critical minerals
44	CHEMICAL ENGINEERING	RAMDAYAL PANDA	Emission-free recovery of critical metals from electronic waste to strengthen India's resource security and safeguard the environment
45	CHEMICAL ENGINEERING	SHIV OM MEENA	Wastewater Treatment
46	CHEMICAL ENGINEERING	SHIV OM MEENA	Synthesis of catalyst for Wastewater Treatment
47	CHEMICAL ENGINEERING	BIKASHBINDU DAS	Catalytic synthesis of green and sustainable fuels and chemicals
48	CHEMICAL ENGINEERING	BIKASHBINDU DAS	Catalytic environmental pollutants mitigation
49	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Advanced Materials
50	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Wastewater/water Treatment

51	CHEMICAL ENGINEERING	MANISH VASHISHTHA	Biomass Valorization
52	CHEMICAL ENGINEERING	MANISH VASHISHTHA	Waste water treatment using biobased adsorbents
53	CHEMICAL ENGINEERING	POOJA JANGIR	Artificial Intelligence Framework for Paper-Based Devices
54	CHEMICAL ENGINEERING	POOJA JANGIR	Experiments and Simulations for Fluid Flows
55	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Biohydrogen production from agro-waste using membrane bioreactors
56	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Membrane-assisted water electrolysis systems for hydrogen production
57	CHEMICAL ENGINEERING	SURAJIT GHOSH	Nanotechnology: Development of new functional nanomaterials
58	CHEMICAL ENGINEERING	SURAJIT GHOSH	Biosensors: Development of biomedical devices using nature-inspired architecture
59	CHEMICAL ENGINEERING	KAILASH SINGH	Application of Machine Learning in Water/Wastewater Treatment
60	CHEMICAL ENGINEERING	KAILASH SINGH	AI-Assisted Prediction and Control of Contaminant Removal in Water Treatment Systems
61	CHEMICAL ENGINEERING	DIPALOY DATTA	Application of Deep Eutectic Solvents as Potential Electrolyte in Ion Batteries
62	CHEMICAL ENGINEERING	DIPALOY DATTA	Synthesis and Application of Biochar Nanocomposites for the Removal of Water Pollutants
63	CHEMICAL ENGINEERING	RAJEEV KUMAR DOHARE	Green hydrogen production form biomass and other sources
64	CHEMICAL ENGINEERING	RAJEEV KUMAR DOHARE	Process Intensification in carbon capture utilization
65	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Co-pyrolysis of plastic/biomass waste to valuable chemicals
66	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Production of bio-ethanol from different sources
67	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Advanced Hybrid Cavitation–Biological Route for Circular Bioeconomy: From Waste to Renewable Fuels and Chemicals
68	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Catalytic Conversion of Glycerol into Value-Added Chemicals via Heterogeneous Catalysis: Process Development and Optimization
69	CHEMICAL ENGINEERING	NEETU KUMARI	Hydrogen production using solid oxide electrolysis cell
70	CHEMICAL ENGINEERING	NEETU KUMARI	CO2 conversion to chemicals in polymer electrolyte membrane electrolyser
71	CHEMICAL ENGINEERING	U K ARUN KUMAR	Solvent recovery and reuse from pharmaceutical industries by distillation in microchannels.
72	CHEMICAL ENGINEERING	U K ARUN KUMAR	Carbon capture, storage or conversion into valuable products by enzymatic process.
73	CHEMISTRY	PRADEEP KUMAR	Machine learning driven biomolecular simulation
74	CHEMISTRY	PRADEEP KUMAR	Computational catalysis
75	CHEMISTRY	MEENA NEMIWAL	Advanced material synthesis for water remediation
76	CHEMISTRY	MEENA NEMIWAL	Synthesis of biologically active compounds using nanocatalysts
77	CHEMISTRY	BARUN JANA	Development of Molecular Sensors for toxic anions
78	CHEMISTRY	BARUN JANA	Molecular Sensors for toxic metal ions and cations
79	CHEMISTRY	BIMAN BANDYOPADHYAY	Mechanistic Study of Asymmetric Organic Reactions
80	CHEMISTRY	BIMAN BANDYOPADHYAY	Cryogenic Spectroscopy of Astrochemical Molecules
81	CHEMISTRY	ABHINEET VERMA	Upconverting MOF Waveguides Directional 2D Yb/Er - Thiophene Sheets

82	CHEMISTRY	ABHINEET VERMA	Design and Development of NIR-Active Nanomaterials for Advanced Optical Devices
83	CHEMISTRY	MANVIRI RANI	Transition metal based nanomaterials as coating and photocatalysts
84	CHEMISTRY	MANVIRI RANI	Reusable polymeric nanomaterials for industrial applications
85	CHEMISTRY	RAHUL	Nanomaterials
86	CHEMISTRY	RAHUL	Drug Delivery System
87	CIVIL ENGINEERING	M. K. SHRIMALI	AI-Augmented Durability Assessment of Sustainable Infrastructure: A Mathematical Approach
88	CIVIL ENGINEERING	M. K. SHRIMALI	4. Advanced Computational Mechanics for Green Structural Systems: A Mathematical Approach
89	CIVIL ENGINEERING	S. D. BHARTI	Earthquake Safety of Dams
90	CIVIL ENGINEERING	S. D. BHARTI	Earthquake design of Steel Structures
91	CIVIL ENGINEERING	LEELAMBAR SINGH	Environmental System Modeling
92	CIVIL ENGINEERING	LEELAMBAR SINGH	Climate change modeling
93	CIVIL ENGINEERING	ABHISEKH SAHA	Use of industrial waste in geotechnical engineering
94	CIVIL ENGINEERING	ABHISEKH SAHA	Microplastic flow in unsaturated soils
95	CIVIL ENGINEERING	SIDDHARTH MEHNDIRATTA	Stabilization of expansive soil
96	CIVIL ENGINEERING	SIDDHARTH MEHNDIRATTA	Behavior of offshore monopile foundation in marine soil
97	CIVIL ENGINEERING	RUCHI SHARMA	AI-Driven Sustainable Infrastructure and Environmental Systems Analysis
98	CIVIL ENGINEERING	RUCHI SHARMA	Sustainable 3D-Printed Systems for Environmental Monitoring and Pollution Mitigation
99	CIVIL ENGINEERING	ANJAY MATHUR	Treatment of textile wastewater by electrochemical method
100	CIVIL ENGINEERING	ARUN GAUR	To economize and develop durable Rigid and flexible Pavement with waste materials.
101	CIVIL ENGINEERING	ARUN GAUR	Utilization of char prepared from waste in pavement construction
102	CIVIL ENGINEERING	SURESH KUMAR TIWARI	Soil stabilization using stone industrial waste
103	CIVIL ENGINEERING	SURESH KUMAR TIWARI	Soil stabilization using construction and demolition waste
104	CIVIL ENGINEERING	ANOOP IRANNA SHIRKOL	Structural Dynamics
105	CIVIL ENGINEERING	ANOOP IRANNA SHIRKOL	Passive device systems for Earthquake prone regions
106	CIVIL ENGINEERING	HIMANSHU ARORA	Machine learning empowered planning of water resources and disaster management
107	CIVIL ENGINEERING	HIMANSHU ARORA	Water resources development and agricultural planning under climate change
108	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Hydrological Modelling for Prediction of Surface Water Availability
109	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Climate Change Impact Assessment on Surface Water Vulnerability
110	CIVIL ENGINEERING	MAHESH KUMAR JAT	Land use land cover change, water and climate
111	CIVIL ENGINEERING	MAHESH KUMAR JAT	Integrated water resources management
112	CIVIL ENGINEERING	UTTAM SINGH	Emerging contaminants modeling for surface and groundwater systems
113	CIVIL ENGINEERING	UTTAM SINGH	Saltwater intrusion modeling for inland aquifer systems

114	CIVIL ENGINEERING	RAMESHWAR JAGANNATH VISHWAKARMA	Impact of Construction Defects on Structural Members: A Numerical Investigation
115	CIVIL ENGINEERING	RAMESHWAR JAGANNATH VISHWAKARMA	Evaluation of the Structural Response of Concrete Pavement
116	CIVIL ENGINEERING	NEHA SHRIVASTAVA	Sustainable Approaches in Ground Improvement for Infrastructure Development
117	CIVIL ENGINEERING	NEHA SHRIVASTAVA	Innovative Ground Reinforcement Approaches with Non-traditional Materials
118	CIVIL ENGINEERING	P V RAMANA	Recycled waste material as a replacement in Cement production by Experimental & AI-Driven Mathematical Models
119	CIVIL ENGINEERING	P V RAMANA	Waste material utilization in diverse structural elements for Advanced Computational and Experimental Mechanics of Structural Systems
120	CIVIL ENGINEERING	AMIT KUMAR	Enhancing Refuse-Derived Fuel (RDF) Quality from Legacy Waste Dumpsites
121	CIVIL ENGINEERING	AMIT KUMAR	urban Litter management using machine learning
122	CIVIL ENGINEERING	SANDEEP SHRIVASTAVA	Industrial Waste Management and Product for circular and cleaner technology in construction
123	CIVIL ENGINEERING	SANDEEP SHRIVASTAVA	A study on Opportunities for Construction and Demolition waste based Product utilization in Construction
124	CIVIL ENGINEERING	SUSHREE SUNAYANA	CO2 uptake of recycled concrete powder
125	CIVIL ENGINEERING	SUSHREE SUNAYANA	Performance of biochar in concrete
126	CIVIL ENGINEERING	URMILA BRIGHU	Water and wastewater treatment
127	CIVIL ENGINEERING	URMILA BRIGHU	Rural sanitation
128	COMPUTER SCIENCE AND ENGINEERING	YOGESH KUMAR MEENA	Advanced Methods in Natural Language Processing
129	COMPUTER SCIENCE AND ENGINEERING	YOGESH KUMAR MEENA	Machine Learning for Real-World Applications
130	COMPUTER SCIENCE AND ENGINEERING	SADBHAWNA	Multimodal Large Language Models (MLLMs)
131	COMPUTER SCIENCE AND ENGINEERING	SADBHAWNA	Reasoning in Language Models
132	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Artificial Intelligence, Machine Learning, Deep Learning, pattern recognition.
133	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Satellite image processing, optimization algorithms, smart farming, biomedical imaging.
134	COMPUTER SCIENCE AND ENGINEERING	PILLI EMMANUEL SHUBHAKAR	Quantum Machine Learning
135	COMPUTER SCIENCE AND ENGINEERING	PILLI EMMANUEL SHUBHAKAR	Security Aspects of Tor and Darkweb
136	COMPUTER SCIENCE AND ENGINEERING	SATYENDRA SINGH CHOUHAN	Agentic AI : (Autonomous Planning & Long-Horizon Decision Making)
137	COMPUTER SCIENCE AND ENGINEERING	SATYENDRA SINGH CHOUHAN	LLMs: Multimodal & World Models in LLMs
138	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Development of Deep Learning Models for Environment Health Monitoring
139	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Smart Farming using Artificial Intelligence
140	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	GenAI and NLP
141	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	Multi-Agent Architectures for Generative AI
142	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Machine learning and Artificial Intelligence for network security
143	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Responsible and Safe AI solutions for Cyber Security

144	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	AI-enabled Explainable Malware Analysis Framework
145	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	Visualization framework for Android Malware Detection
146	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	AI-Driven Cyber Defense
147	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	Multi-Modal Cybersecurity Analytics
148	COMPUTER SCIENCE AND ENGINEERING	MAHIPAL PRITHVISINH JADEJA	Generative AI and Large Language Models for Intelligent Educational Systems
149	COMPUTER SCIENCE AND ENGINEERING	MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs
150	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Malware analysis and AI
151	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Traffic grooming in EON using AI
152	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	AI-enabled modelling of Android Ecosystem
153	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Investigating Security of AI models
154	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Efficient Training Techniques Early stopping and dynamic resource allocation
155	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Crowd Density Estimation and Analytics
156	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Machine learning and cyber security
157	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Artificial Intelligence based solutions for Real World Problems
158	COMPUTER SCIENCE AND ENGINEERING	ARKA PROKASH MAZUMDAR	Zero-Touch Networking
159	COMPUTER SCIENCE AND ENGINEERING	ARKA PROKASH MAZUMDAR	XAI and Digital Twin for SDWSN
160	COMPUTER SCIENCE AND ENGINEERING	DINESH KUMAR TYAGI	Security and Swarm Intelligence for UAV system
161	COMPUTER SCIENCE AND ENGINEERING	DINESH KUMAR TYAGI	AI and ML driven Real world applications
162	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	IoT integrated Safety-Critical Systems
163	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	Blockchain integrated IoT Security
164	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Security, Trust and Privacy for Artificial intelligence/Large language models or VLMs
165	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Security, Trust and Privacy for Agentic Artificial intelligence for communications
166	COMPUTER SCIENCE AND ENGINEERING	NIVEDITA KAUL	Physico-Chemical Characterization and Source Apportionment of Air Pollutants in Urban Microenvironments
167	COMPUTER SCIENCE AND ENGINEERING	NIVEDITA KAUL	Integrated Assessment of Indoor Air and Noise Pollution Exposure and Their Combined Health Impacts in Diverse Urban Microenvironments
168	ELECTRICAL ENGINEERING	SANDEEP N	Multilevel inverters
169	ELECTRICAL ENGINEERING	SANDEEP N	Electric Vehicle Chargers
170	ELECTRICAL ENGINEERING	RAJIVE TIWARI	Electric Vehicle
171	ELECTRICAL ENGINEERING	RAJIVE TIWARI	Renewable Integration
172	ELECTRICAL ENGINEERING	MAN MOHAN GARG	Control of DC-DC Converters
173	ELECTRICAL ENGINEERING	MAN MOHAN GARG	Electric Vehicles
174	ELECTRICAL ENGINEERING	SURENDER HANS	Machine Learning in Health Care
175	ELECTRICAL ENGINEERING	SURENDER HANS	Robust Non Linear Sliding Mode Control
176	ELECTRICAL ENGINEERING	GAGAN DEEP MEENA	Robotics & Control

177	ELECTRICAL ENGINEERING	GAGAN DEEP MEENA	NA
178	ELECTRICAL ENGINEERING	NITIN GUPTA	Power Electronics Converters Application
179	ELECTRICAL ENGINEERING	NITIN GUPTA	Power Quality/ EV
180	ELECTRICAL ENGINEERING	MANOJ FOZDAR	Modern Control strategies for power system operations
181	ELECTRICAL ENGINEERING	MANOJ FOZDAR	Integration of Electrical vehicles to the grid
182	ELECTRICAL ENGINEERING	KUSUM VERMA	Operational Flexibility of Renewables Dominated Power Grid
183	ELECTRICAL ENGINEERING	KUSUM VERMA	Predictive Data Analytics in Power Systems
184	ELECTRICAL ENGINEERING	NEELI SATYANARAYANA	Load frequency control strategies in power systems
185	ELECTRICAL ENGINEERING	NEELI SATYANARAYANA	Investigation on Cyber physical systems
186	ELECTRICAL ENGINEERING	AKHILESH MATHUR	Operation Of EV integrated Microgrid
187	ELECTRICAL ENGINEERING	AKHILESH MATHUR	AI-driven state estimation in Microgrid
188	ELECTRICAL ENGINEERING	SATISH SHARMA	Energy Storage Integration to Smart Grids
189	ELECTRICAL ENGINEERING	SATISH SHARMA	Distributed Optimization Applications in Power Systems
190	ELECTRICAL ENGINEERING	HEMANT KUMAR MEENA	Applications of Signal processing in Power Systems, Electric Vehicles, biomedical or image processing
191	ELECTRICAL ENGINEERING	HEMANT KUMAR MEENA	Machine learning with Optimization in power system, power electronics,Electric Vehicles
192	ELECTRICAL ENGINEERING	KAPIL SHUKLA	Traction Converters
193	ELECTRICAL ENGINEERING	KAPIL SHUKLA	Pulse-width Modulation of Grid-connected Converters
194	ELECTRICAL ENGINEERING	ANKIT SACHAN	Nonlinear control and Observation
195	ELECTRICAL ENGINEERING	ANKIT SACHAN	Robotics & Automation
196	ELECTRICAL ENGINEERING	DIPTI SAXENA	Cyber-Physical Energy Management Framework for Vehicle-to-Infrastructure Systems
197	ELECTRICAL ENGINEERING	DIPTI SAXENA	Grid Support Using Electric Vehicles and Hydrogen Energy Storage Systems
198	ELECTRICAL ENGINEERING	PRERNA JAIN	Power System Operation and Economics
199	ELECTRICAL ENGINEERING	PRERNA JAIN	Deep learning based solutions for Power Grid Challenges
200	ELECTRICAL ENGINEERING	KHALEEQUR REHMAN NIAZI	planning, operation and management Multi carrier energy system
201	ELECTRICAL ENGINEERING	KHALEEQUR REHMAN NIAZI	Integration of Smart Grid Enabling Technologies in Modern Distribution Network.
202	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Power System Operation
203	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Energy Systems Planning
204	ELECTRONICS AND COMMUNICATION ENGINEERING	TARUN VARMA	Nano Electronic Device Modelling and simulation
205	ELECTRONICS AND COMMUNICATION ENGINEERING	TARUN VARMA	Digital filter design using AI/ML
206	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJENDRA MITHARWAL	Computational Electromagnetics
207	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJENDRA MITHARWAL	Microwave Circuit Design
208	ELECTRONICS AND COMMUNICATION ENGINEERING	SARTHAK SINGHAL	ANTENNA FOR 5G/6G APPLICATIONS

209	ELECTRONICS AND COMMUNICATION ENGINEERING	SARTHAK SINGHAL	FREQUENCY SELECTIVE SURFACES FOR 5G/6G APPLICATIONS
210	ELECTRONICS AND COMMUNICATION ENGINEERING	D. BOOLCHANDANI	Analog Integrated Circuits
211	ELECTRONICS AND COMMUNICATION ENGINEERING	D. BOOLCHANDANI	MEMS based sensor
212	ELECTRONICS AND COMMUNICATION ENGINEERING	AVI KUMAR MADDILA	LiFi system design
213	ELECTRONICS AND COMMUNICATION ENGINEERING	SATYASAI JAGANNATH NANDA	Distributed Artificial Intelligence Algorithms for Wireless Sensor Networks
214	ELECTRONICS AND COMMUNICATION ENGINEERING	SATYASAI JAGANNATH NANDA	Artificial Intelligence Algorithms for 5G/6G Communication
215	ELECTRONICS AND COMMUNICATION ENGINEERING	REENA KUMARI	Antenna for 5G/6G Applications
216	ELECTRONICS AND COMMUNICATION ENGINEERING	REENA KUMARI	Dielectric Resonator Antenna for 5G/6G Applications
217	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Analog and Digital VLSI Design
218	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation
219	ELECTRONICS AND COMMUNICATION ENGINEERING	ARUN KUMAR	Machine Learning Augmented reliability and Variability analysis of Emerging Nanosheet FET
220	ELECTRONICS AND COMMUNICATION ENGINEERING	ARUN KUMAR	Compact Modeling and Simulation of emerging transistors for quantum computation applications
221	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	AI Assisted MEMS/NEMS sensor
222	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	Reconfigurable intelligent surface (RIS)
223	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced signal Processing Field such as Filter Design/ EEG/EMG with AI ML etc
224	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced Wireless Communication Field such as 5G/6G, Trans receiver Design, Cognitive Radio etc r Design/ EEG/EMG etc
225	ELECTRONICS AND COMMUNICATION ENGINEERING	KAMALESH KUMAR SHARMA	Antenna design for 5G/6G applications
226	ELECTRONICS AND COMMUNICATION ENGINEERING	KAMALESH KUMAR SHARMA	Biomedical signal processing
227	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Highly Efficient Photonic Components for Quantum Computing Applications
228	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Use of Artificial Intelligence techniques to estimate Photonics Circuit Performance
229	ELECTRONICS AND COMMUNICATION ENGINEERING	KULDEEP SINGH	Artificial Intelligence in Healthcare

230	ELECTRONICS AND COMMUNICATION ENGINEERING	KULDEEP SINGH	Anti Drone systems
231	ELECTRONICS AND COMMUNICATION ENGINEERING	DEEPAK BHARTI	Flexible Electronics
232	ELECTRONICS AND COMMUNICATION ENGINEERING	DEEPAK BHARTI	Fabrication of microelectronic devices and sensors
233	ELECTRONICS AND COMMUNICATION ENGINEERING	ANKIT	Molecular Communication
234	ELECTRONICS AND COMMUNICATION ENGINEERING	ANKIT	Wireless Communication
235	ELECTRONICS AND COMMUNICATION ENGINEERING	MENKA	Neuromorphic computing.
236	ELECTRONICS AND COMMUNICATION ENGINEERING	MENKA	Advanced device and applications to approximate computing
237	ELECTRONICS AND COMMUNICATION ENGINEERING	VIJAY JANYANI	AI-Driven Optimization of Next-Generation Optical Networks
238	ELECTRONICS AND COMMUNICATION ENGINEERING	VIJAY JANYANI	Intelligent Control and Optimization in Optical Communication Networks Using AI
239	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	AI/ML for Healthcare applications
240	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	Embedded system for healthcare
241	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Application of AI and ML to Bio Medical Engg
242	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Design and performance evaluation of planar antenna using AI for RF/ wireless communication
243	ELECTRONICS AND COMMUNICATION ENGINEERING	LAVA BHARGAVA	AI applications to drones
244	HUMANITIES AND SOCIAL SCIENCE	DIPTI SHARMA	Green Economics
245	HUMANITIES AND SOCIAL SCIENCE	DIPTI SHARMA	Sustainable Development
246	MANAGEMENT STUDIES	JANPRIY SHARMA	Supply chain management
247	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations Management
248	MANAGEMENT STUDIES	SHRIDEV	CORPORATE FINANCE
249	MANAGEMENT STUDIES	SHRIDEV	CAPITAL MARKET
250	MANAGEMENT STUDIES	AYUSH GAUTAM	Business analytics
251	MANAGEMENT STUDIES	AYUSH GAUTAM	Supply chain management, sustainability, circularity
252	MANAGEMENT STUDIES	SUNDEEP KUMAR	Sustainbility and Green Marketing
253	MANAGEMENT STUDIES	SUNDEEP KUMAR	Digital Marketing
254	MANAGEMENT STUDIES	MONICA SHARMA	Supply Chain Management
255	MANAGEMENT STUDIES	MONICA SHARMA	Sustainable Supply Chain in Retailing
256	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Supply Chain Resilience in the Age of Agentic AI and Geopolitical conflict

257	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	AI & ML and Gen AI for Sports Analytics
258	MANAGEMENT STUDIES	DEEPAK VERMA	Consumer Behavior in Online/Digital Environments
259	MANAGEMENT STUDIES	DEEPAK VERMA	Behavioral Issues in Technology Adoption
260	MANAGEMENT STUDIES	SUNANDA KATEWA	Issues in Platform Economies
261	MANAGEMENT STUDIES	SUNANDA KATEWA	Sustainability in Supply Chain Management
262	MANAGEMENT STUDIES	REETA SINGH	From Technology to Strategy: The Evolving Role of Microgrids in Sustainable Energy Management
263	MANAGEMENT STUDIES	REETA SINGH	The Development of Microgrids Management
264	MATERIAL RESEARCH CENTER	VIKAS SHARMA	Device Engineering for Next-Gen Photovoltaic Technologies Compatible with Ambient and Green Processing.
265	MATERIAL RESEARCH CENTER	VIKAS SHARMA	Process Engineering for Thin Film Semiconductors Used in Extreme/Harsh Environments Application.
266	MATERIAL RESEARCH CENTER	NISHA VERMA	2D Materials for Energy Storage Applications
267	MATERIAL RESEARCH CENTER	NISHA VERMA	Thermoelectric materials for wearable devices
268	MATERIAL RESEARCH CENTER	BHAGWATI SHARMA	Supramolecular metallogels for multifunctional applications
269	MATERIAL RESEARCH CENTER	BHAGWATI SHARMA	Development of transition metal oxide based materials for mimicking enzymes and biosensing applications.
270	MATHEMATICS	GEETANJALI CHATTOPADHYAY	Fluid Dynamics
271	MATHEMATICS	GEETANJALI CHATTOPADHYAY	Thin film flows
272	MATHEMATICS	VARUN JINDAL	Continuous Set-Valued Maps
273	MATHEMATICS	VARUN JINDAL	Set Convergences in Topology and Analysis
274	MATHEMATICS	ANUBHA JINDAL	Hyperspace topologies and their applications
275	MATHEMATICS	ANUBHA JINDAL	A study of Lipschitz type functions in generalized metric spaces
276	MATHEMATICS	OM P. SUTHAR	Mathematical Analysis of Fluid Flows via PINNs
277	MATHEMATICS	OM P. SUTHAR	Computational Study of Thermo-convective Flows in Composite Systems
278	MATHEMATICS	SANJAY BHATTER	Application of fractional calculus and special functions
279	MATHEMATICS	SANJAY BHATTER	Study of Generalized Special function and its applications
280	MATHEMATICS	SANTOSH CHAUDHARY	Modeling using Differential Equations
281	MATHEMATICS	SANTOSH CHAUDHARY	Computational study of Partial Differential Equations
282	MATHEMATICS	PRIYANKA HARJULE	Fractional & Geometric Optimization for Deep Neural Networks
283	MATHEMATICS	PRIYANKA HARJULE	Optimization in High-Dimensional Non-Convex Systems
284	MATHEMATICS	ASHA KUMARI MEENA	Computational Methods for Partial Differential Equations
285	MATHEMATICS	ASHA KUMARI MEENA	Discontinuous Galerkin Methods, Finite Difference Scheme, Finite Volume Scheme, WENO Schemes
286	MECHANICAL ENGINEERING	DINESH KUMAR	Fracture and Failure Analysis of High Entropy Alloys (HEAs)
287	MECHANICAL ENGINEERING	DINESH KUMAR	Phase Field Fracture Modeling of Bio-Inspired Composites
288	MECHANICAL ENGINEERING	JINESH KUMAR JAIN	Welding Parameter Optimization in Wire Arc Additive Manufacturing (WAAM) using Artificial Intelligence
289	MECHANICAL ENGINEERING	JINESH KUMAR JAIN	Characterization, analysis and testing of flux fused novel alloy through arc welding processes
290	MECHANICAL ENGINEERING	JYOTIRMAY MATHUR	Energy efficiency in air conditioning systems

291	MECHANICAL ENGINEERING	JYOTIRMAY MATHUR	Evaporative cooling based hybrid systems
292	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Investigations on Hybrid Advanced Manufacturing Processes
293	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Design and Development of Hybrid Reinforced Al-MMC
294	MECHANICAL ENGINEERING	GUNJAN SONI	Modelling Supply Chain Resilience in Global Supply Volatility
295	MECHANICAL ENGINEERING	GUNJAN SONI	Predictive Maintenance with Multi-agent Systems
296	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Textile Composite Hybrid(Carbon-Kevlar-UHMWPE) Fabrication, Characterisation and Product Development
297	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Additive Manufacturing (3D printing) for Orthosis/Prosthesis Development
298	MECHANICAL ENGINEERING	ANUP MALIK	Design and Development of Micro Heat Dissipation Device
299	MECHANICAL ENGINEERING	ANUP MALIK	Development of Thermoplastic Composites for Drone Applications
300	MECHANICAL ENGINEERING	AMIT ARORA	Compact heat exchangers
301	MECHANICAL ENGINEERING	AMIT ARORA	Thermal management of EV battery/ Electronics' heat
302	MECHANICAL ENGINEERING	YASHWANT KOLI	Anisotropic mechanical behaviour of WAAM components and its mitigation
303	MECHANICAL ENGINEERING	YASHWANT KOLI	Dissimilar metal WAAM: Interface stability and Failure mechanism
304	MECHANICAL ENGINEERING	PREETI GULIA	Seismic Metamaterials for Low-Frequency Vibration Attenuation
305	MECHANICAL ENGINEERING	PREETI GULIA	Acoustic Metamaterial-Based Structural Health Monitoring for Damage Detection
306	MECHANICAL ENGINEERING	RAKESH JAIN	Development of supply chain risk framework
307	MECHANICAL ENGINEERING	RAKESH JAIN	Development of Industry 5.0 franework
308	MECHANICAL ENGINEERING	RAJEEV AGRAWAL	AI enabled Trusted and Sustainable Supply chain
309	MECHANICAL ENGINEERING	RAJEEV AGRAWAL	AI enabled Sustainable Manufacturing
310	MECHANICAL ENGINEERING	GULAB PAMNANI	Design of Advanced Materials for defence application.
311	MECHANICAL ENGINEERING	GULAB PAMNANI	Design optimization of composite material for aerospace structure.
312	MECHANICAL ENGINEERING	DINESH KUMAR RATHORE	Design and development of high-performance nano-phased composites for next generation mobility applications
313	MECHANICAL ENGINEERING	DINESH KUMAR RATHORE	Development of engineered carbon fiber yarns and composites for hydrogen storage tanks
314	MECHANICAL ENGINEERING	MAKKHAN LAL MEENA	Ergonomics intervention in handicraft Industries
315	MECHANICAL ENGINEERING	MAKKHAN LAL MEENA	Ergonomics intervention in Agricultural sector
316	MECHANICAL ENGINEERING	MANJINDER SINGH	Boiling Heat Transfer
317	MECHANICAL ENGINEERING	MANJINDER SINGH	Water Entry of Projectiles
318	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Hybrid and nano composites for industrial applications
319	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Micromechanics and nanomechanics
320	MECHANICAL ENGINEERING	ANOJ MEENA	Development and characterization of new self-healing metal matrix composite for aircraft application.
321	MECHANICAL ENGINEERING	ANOJ MEENA	Fabrication, characterization and wear behaviour of Eco-friendly and sustainable Metal Matrix Composite.

322	MECHANICAL ENGINEERING	G. D. AGARWAL	Circular Economy Conceptualization, Energy and Environmental Impact Assessment of Used Electrical Batteries
323	MECHANICAL ENGINEERING	G. D. AGARWAL	Thermal and Energy Performance Optimization of Solar-Assisted Net-Zero Buildings for Hot-Arid Regions
324	MECHANICAL ENGINEERING	AURAV HEDAU	Boiling Heat transfer in microchannel heat exchangers
325	MECHANICAL ENGINEERING	MUKESH KUMAR	Wear-Resistant Composite Coatings for Industrial Machinery
326	MECHANICAL ENGINEERING	MUKESH KUMAR	Self-Healing Composite Materials for Structural Cracks
327	METALLURGICAL AND MATERIALS ENGINEERING	AJAYA KUMAR PRADHAN	Design and development of high-performance alloys
328	METALLURGICAL AND MATERIALS ENGINEERING	AJAYA KUMAR PRADHAN	Development of metal matrix composites for demanding applications
329	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Study the effect of heat treatment on nickel base superalloy
330	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Alloy development for aerospace applications
331	METALLURGICAL AND MATERIALS ENGINEERING	KUNAL JAYPRAKASH BORSE	Nanotechnology
332	METALLURGICAL AND MATERIALS ENGINEERING	KUNAL JAYPRAKASH BORSE	Nanocomposites
333	METALLURGICAL AND MATERIALS ENGINEERING	JYOTIRMAYA KAR	Weldability studies of dissimilar metals for automotive applications
334	METALLURGICAL AND MATERIALS ENGINEERING	JYOTIRMAYA KAR	SLM based additive manufacturing of IN-718: structure-property analysis.
335	METALLURGICAL AND MATERIALS ENGINEERING	DEEPANKAR PANDA	A Correlative investigation of microstructure, texture and mechanical properties of light metal alloys for structural applications
336	METALLURGICAL AND MATERIALS ENGINEERING	DEEPANKAR PANDA	Development of creep resistant light metal alloys for automobile applications
337	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Development of Self Lubricating coatings on metal substrates
338	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Processing of high entropy/energy stabilised oxides
339	METALLURGICAL AND MATERIALS ENGINEERING	BRIJ MOHAN MUNDOTIYA	Wear studies of the electrodeposited alloy coatings for high temperature applications
340	METALLURGICAL AND MATERIALS ENGINEERING	BRIJ MOHAN MUNDOTIYA	Corrosion studies of alloy coatings for marine applications
341	METALLURGICAL AND MATERIALS ENGINEERING	KRISHNA KUMAR	Tribological Behaviour study of high entropy alloy coatings on steel substrate
342	METALLURGICAL AND MATERIALS ENGINEERING	KRISHNA KUMAR	Property Enhancement of SS by embedding nanoparticles on surface through Additive Manufacturing
343	METALLURGICAL AND MATERIALS ENGINEERING	SREEKUMAR VADAKKE MADAM	Advanced Al based nano composites for high temperature applications
344	METALLURGICAL AND MATERIALS ENGINEERING	SREEKUMAR VADAKKE MADAM	Aluminium based composites for electric cars
345	METALLURGICAL AND MATERIALS ENGINEERING	SWATI SHARMA	Designing a new ultra-high strength steel with enhanced mechanical properties
346	METALLURGICAL AND MATERIALS ENGINEERING	SWATI SHARMA	Application of AI and ML in coatings
347	METALLURGICAL AND MATERIALS ENGINEERING	RAJENDRA KUMAR GOYAL	3D Additive Manufacturing of Polymer Composites
348	METALLURGICAL AND MATERIALS ENGINEERING	RAJENDRA KUMAR GOYAL	Manufacturing of Nanocomposites and Their Properties
349	METALLURGICAL AND MATERIALS ENGINEERING	MANJESH KUMAR MISHRA	Microstructure and Mechanical Behaviour of Additive Manufactured Steel
350	METALLURGICAL AND MATERIALS ENGINEERING	MANJESH KUMAR MISHRA	Cold Spray Coating of High Entropy Alloy on Steel

351	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	Designing a High Entropy Alloy for high temperature applications
352	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	Electrodeposition of multi functional coating
353	METALLURGICAL AND MATERIALS ENGINEERING	VIJAY NAVARATNA NADAKUDURU	Additive Manufacturing of TiAl based alloy using Laser Powder Bed Fusion Technology
354	METALLURGICAL AND MATERIALS ENGINEERING	VIJAY NAVARATNA NADAKUDURU	Creep studies on TiAl based alloy synthesized via powder metallurgy using Spark Plasma Sintering
355	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	JAGAJYOTI PANDA	Earthquake Resistant Design and Development of tubular section based steel MRFs
356	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	JAGAJYOTI PANDA	Reinforcement Learning Based Robust Control of Structures
357	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	NISHANT ROY	Earthquake Design of Underground Structures
358	NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT	NISHANT ROY	Earthquake Safety of Dams
359	PHYSICS	KAMLENDRA AWASTHI	Wearable and Flexible Nanostructured Gas Sensors
360	PHYSICS	KAMLENDRA AWASTHI	Flexible and Stretchable Supercapacitors for Next-Generation Energy Storage
361	PHYSICS	DEBASISH SARKAR	Hybrid Ion Capacitors Beyond Lithium-Ion Chemistry: Materials Design, Interface Engineering, and Charge Storage Mechanisms
362	PHYSICS	DEBASISH SARKAR	Potassium-Based Hybrid Ion Capacitors: Moving Beyond Lithium Chemistry
363	PHYSICS	SRINIVASA RAO NELAMARRI	Investigation of structural and optical properties of quantum dots
364	PHYSICS	SRINIVASA RAO NELAMARRI	Fabrication of nanocrystalline thin films for memory devices
365	PHYSICS	RAJNISH DHIMAN	Design and development of materials for electrochemical energy conversion applications.
366	PHYSICS	RAJNISH DHIMAN	Materials Optimization and Degradation Mechanisms in Proton Exchange Membrane Fuel Cells
367	PHYSICS	K VENKATARATNAM KAMMA	Role of Dark Matter in Galaxy Formation and Evolution
368	PHYSICS	K VENKATARATNAM KAMMA	Particle Physics Models of Dark Matter
369	PHYSICS	SUBHAYAN MANDAL	Study of Type III Solar Radio Bursts in Corona.
370	PHYSICS	SUBHAYAN MANDAL	Correspondence between CMEs, Prominence, Flares & other Solar eruptions.
371	PHYSICS	MANOJ KUMAR	High-Pressure Tuning of Quantum Transport in Dirac and Weyl Semimetals
372	PHYSICS	MANOJ KUMAR	3D Printed Flexible and Wearable Energy Storage Devices
373	PHYSICS	KAMAKSHI PANDEY	CFD Simulation of Bioinspired anti-fouling membranes for water treatment
374	PHYSICS	KAMAKSHI PANDEY	Polymer-MOF Membranes: Powering a Hydrogen-Based Future for Clean Energy Systems

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	NAND KUMAR	Planning for multi model transportation system

2	ARCHITECTURE AND PLANNING	NAND KUMAR	Planning for net zero / energy efficient building/ net zero building
3	ARCHITECTURE AND PLANNING	YASH KUMAR MITTAL	Construction Project Management
4	ARCHITECTURE AND PLANNING	YASH KUMAR MITTAL	Transport Planning and Engineering
5	ARCHITECTURE AND PLANNING	GIREENDRA KUMAR	Building Envelope Design for User's Comfort
6	ARCHITECTURE AND PLANNING	GIREENDRA KUMAR	Development Regulations for Urban Design Appreciation
7	ARCHITECTURE AND PLANNING	TARUN VERMA	Human-Centric Built Environments and Occupant Well-being
8	ARCHITECTURE AND PLANNING	TARUN VERMA	Urban Microclimate & Outdoor Comfort
9	ARCHITECTURE AND PLANNING	POOJA NIGAM	Planning and Design for sustainable Urban Development
10	ARCHITECTURE AND PLANNING	POOJA NIGAM	Built Vernacular Heritage and Traditional Knowledge Systems
11	ARCHITECTURE AND PLANNING	NIRUTI GUPTA	Sustainable Urban Infrastructure
12	ARCHITECTURE AND PLANNING	NIRUTI GUPTA	Climate change, urban resilience and disaster management
13	ARCHITECTURE AND PLANNING	BHAVNA SHRIVASTAVA	Sustainable built environment & housing
14	ARCHITECTURE AND PLANNING	BHAVNA SHRIVASTAVA	Sustainable neighborhood
15	ARCHITECTURE AND PLANNING	MANISH SHARMA	Sustainable urban development
16	ARCHITECTURE AND PLANNING	MANISH SHARMA	Planning for Climate change
17	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Explainable AI
18	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Brain Computer Interface
19	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	DINESH GOPALANI	AI in Agriculture (Crop Monitoring)
20	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	DINESH GOPALANI	Large Language Model for Indian Languages
21	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Generative AI and its application including in structural design
22	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Neural Operator and Foundation model
23	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Electric vehicles
24	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Building energy management
25	CENTRE FOR ENERGY AND ENVIRONMENT	AMARTYA CHOWDHURY	Thermal Behaviour and Cooling Techniques for BIPV Facades
26	CENTRE FOR ENERGY AND ENVIRONMENT	AMARTYA CHOWDHURY	Techno-Economic Feasibility of BIPV in Urban India
27	CENTRE FOR ENERGY AND ENVIRONMENT	KAPIL PAREEK	Hydrogen Energy Systems
28	CENTRE FOR ENERGY AND ENVIRONMENT	KAPIL PAREEK	Battery management system
29	CENTRE FOR ENERGY AND ENVIRONMENT	SUNANDA SINHA	New and Innovative applications of Solar PV
30	CENTRE FOR ENERGY AND ENVIRONMENT	SUNANDA SINHA	Sustainability and Renewable Energy
31	CHEMICAL ENGINEERING	MADHU AGARWAL	Simultaneous removal of fluoride and arsenic from water

32	CHEMICAL ENGINEERING	MADHU AGARWAL	Catalytic valorization of cellulose into useful chemicals
33	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Advanced Oxidation of Wastewater
34	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Treatment of Non-biodegradable Wastewater Using Waste Resources
35	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Photocatalytic Degradation of Industrial Wastewater
36	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	IOT Based Water Quality Monitoring and Controlling System
37	CHEMICAL ENGINEERING	RAMDAYAL PANDA	Circular economy in battery storage enabled by recovery of critical minerals
38	CHEMICAL ENGINEERING	RAMDAYAL PANDA	Emission-free recovery of critical metals from electronic waste to strengthen India's resource security and safeguard the environment
39	CHEMICAL ENGINEERING	SHIV OM MEENA	Waste Water Treatment by Electro Oxidation Process
40	CHEMICAL ENGINEERING	SHIV OM MEENA	Novel Materials for Environmental Application
41	CHEMICAL ENGINEERING	BIKASHBINDU DAS	Catalytic synthesis of green and sustainable fuels and chemicals
42	CHEMICAL ENGINEERING	BIKASHBINDU DAS	Catalytic environmental pollutants mitigation
43	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Materials
44	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	wastewater treatment
45	CHEMICAL ENGINEERING	POOJA JANGIR	Artificial Intelligence Framework for Paper-Based Devices
46	CHEMICAL ENGINEERING	POOJA JANGIR	Modelling and Simulation for Fluid Flows
47	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Biohydrogen production from agro-waste using membrane bioreactors
48	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Membrane-assisted water electrolysis systems for hydrogen production
49	CHEMICAL ENGINEERING	DIPALOY DATTA	Biochar Synthesis and Application for Pollutant Removal
50	CHEMICAL ENGINEERING	DIPALOY DATTA	Reactive Extraction Using Deep Eutectic Solvent
51	CHEMICAL ENGINEERING	RAJEEV KUMAR DOHARE	Water and wastewater treatment from biowaste
52	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Use of advanced technologies for wastewater treatment
53	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Application of machine learning in chemical engineering
54	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Hydrodynamic cavitation-assisted photocatalytic degradation of emerging pharmaceutical contaminants in wastewater
55	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Catalytic Conversion of Glycerol into Value-Added Chemicals via Heterogeneous Catalysis: Process Development and Optimization
56	CIVIL ENGINEERING	M. K. SHRIMALI	4. Advanced Computational Mechanics for Green Structural Systems: A Mathematical Approach
57	CIVIL ENGINEERING	M. K. SHRIMALI	AI-Augmented Durability Assessment of Sustainable Infrastructure: A Mathematical Approach
58	CIVIL ENGINEERING	ABHISEKH SAHA	Rainfall induced slope stability analysis
59	CIVIL ENGINEERING	ABHISEKH SAHA	Underground utilities in expansive soil
60	CIVIL ENGINEERING	SIDDHARTH MEHNDIRATTA	Stabilization of expansive soil
61	CIVIL ENGINEERING	SIDDHARTH MEHNDIRATTA	Behavior of offshore monopile foundation in marine soil

62	CIVIL ENGINEERING	RUCHI SHARMA	AI-Driven Sustainable Infrastructure and Environmental Systems Analysis
63	CIVIL ENGINEERING	RUCHI SHARMA	Sustainable 3D-Printed Systems for Environmental Monitoring and Pollution Mitigation
64	CIVIL ENGINEERING	HIMANSHU ARORA	Climate Change, Hydrological Extremes and Disaster Assessment & Management.
65	CIVIL ENGINEERING	HIMANSHU ARORA	GIS assisted Machine Learning Applications in Hydrological Systems & Water Resources Development.
66	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Integrated Hydrodynamic Modelling of River Basins for Water Resource Assessment
67	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Assessment of Climate Variability on Surface Water Availability in Urban Watersheds
68	CIVIL ENGINEERING	MAHESH KUMAR JAT	Disaster risk assessment and modelling
69	CIVIL ENGINEERING	MAHESH KUMAR JAT	Urbanisation and its implication for climate
70	CIVIL ENGINEERING	UTTAM SINGH	PFAS modeling for surface and groundwater systems
71	CIVIL ENGINEERING	UTTAM SINGH	study of flow and contaminants in water resources
72	CIVIL ENGINEERING	RAMESHWAR JAGANNATH VISHWAKARMA	Investigation of the Structural Performance of Concrete Slabs on Grade
73	CIVIL ENGINEERING	RAMESHWAR JAGANNATH VISHWAKARMA	Evaluation of Mechanical Properties of Special Concrete
74	CIVIL ENGINEERING	NEHA SHRIVASTAVA	Development of Sustainable Ground Improvement Solutions for Modern Infrastructure
75	CIVIL ENGINEERING	NEHA SHRIVASTAVA	Sustainable Ground Reinforcement Techniques for Earth Structures Using Alternative Materials
76	CIVIL ENGINEERING	P V RAMANA	Development of recycled concrete using waste material
77	CIVIL ENGINEERING	P V RAMANA	Recycled waste material as a replacement in Cement production by Experimental & AI-Driven Mathematical Models
78	CIVIL ENGINEERING	SANDEEP SHRIVASTAVA	Industrial Waste Management and Product for circular and cleaner technology in construction
79	CIVIL ENGINEERING	SANDEEP SHRIVASTAVA	A study on Opportunities for Construction and Demolition waste based Product utilization in Construction
80	CIVIL ENGINEERING	URMILA BRIGHU	Rural sanitation
81	CIVIL ENGINEERING	URMILA BRIGHU	Water and sanitation sector management
82	COMPUTER SCIENCE AND ENGINEERING	YOGESH KUMAR MEENA	Machine Learning for Real-World Applications
83	COMPUTER SCIENCE AND ENGINEERING	YOGESH KUMAR MEENA	Advanced Methods in Natural Language Processing
84	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Artificial Intelligence, Machine Learning, Deep Learning, pattern recognition.
85	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Satellite image processing, optimization algorithms, smart farming, biomedical imaging.
86	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Data Clustering Using Swarm Intelligence
87	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Agentic AI for Smart Farming
88	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	Multi-Agent Architectures for Gen AI
89	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	Generative AI
90	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Machine learning and Artificial Intelligence

91	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	TinyML Driven Solutions for ITS
92	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	Vulnerability analysis of Andoid applications
93	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	Fuzzing preinstalled android apps for identifying security loopholes
94	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	AI-Driven Cyber Defense
95	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	Multi-Modal Cybersecurity Analytics
96	COMPUTER SCIENCE AND ENGINEERING	MAHIPAL PRITHVISINH JADEJA	Generative AI and Large Language Models for Intelligent Educational Systems
97	COMPUTER SCIENCE AND ENGINEERING	MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs
98	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Fedarated learning and edge computing
99	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Malware analysis and AI
100	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	AI models for Mobile Security
101	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	AI enabled cyber security
102	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Energy Efficient Model Design
103	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Designing lightweight architectures (e.g., pruning, quantization, knowledge distillation)
104	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Machine learning and cyber security
105	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Artificial Intelligence based solutions for Real World Problems
106	COMPUTER SCIENCE AND ENGINEERING	DEEPAK RANJAN NAYAK	Machine Learning/Deep Learning for Computer Vision Applications
107	COMPUTER SCIENCE AND ENGINEERING	DEEPAK RANJAN NAYAK	AI/ML in Healthcare
108	COMPUTER SCIENCE AND ENGINEERING	ARKA PROKASH MAZUMDAR	Semantic ICN for Interoperable IoT
109	COMPUTER SCIENCE AND ENGINEERING	ARKA PROKASH MAZUMDAR	Contextual-Ethical Trust Management Systems
110	COMPUTER SCIENCE AND ENGINEERING	DINESH KUMAR TYAGI	AI and ML driven Real world applications
111	COMPUTER SCIENCE AND ENGINEERING	DINESH KUMAR TYAGI	AI/ML techniques for next-generation advanced Networks
112	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	Edge/Fog computing in IoT
113	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	AI in Healthcare
114	ELECTRICAL ENGINEERING	RAJIVE TIWARI	Electric Vehicle
115	ELECTRICAL ENGINEERING	RAJIVE TIWARI	Renewable Integration
116	ELECTRICAL ENGINEERING	MAN MOHAN GARG	Control of DC-DC Converters
117	ELECTRICAL ENGINEERING	MAN MOHAN GARG	Electric Vehicles
118	ELECTRICAL ENGINEERING	SURENDER HANS	Deep Learning in Imaging Healthcare
119	ELECTRICAL ENGINEERING	SURENDER HANS	Artificial Intelligence (AI) and Machine Learning (ML) in Control Systems
120	ELECTRICAL ENGINEERING	NITIN GUPTA	Power Electronics & drives
121	ELECTRICAL ENGINEERING	NITIN GUPTA	Power System Quality / EV
122	ELECTRICAL ENGINEERING	MANOJ FOZDAR	Integration of Electrical vehicles to the grid
123	ELECTRICAL ENGINEERING	MANOJ FOZDAR	Power system Economics
124	ELECTRICAL ENGINEERING	AKHILESH MATHUR	AI-driven power flow in Microgrid

125	ELECTRICAL ENGINEERING	AKHILESH MATHUR	AI-driven short-circuit analysis in Microgrid
126	ELECTRICAL ENGINEERING	SATISH SHARMA	Smart Meter Data Analytics
127	ELECTRICAL ENGINEERING	SATISH SHARMA	AI/ML Applications to Smart Grids
128	ELECTRICAL ENGINEERING	HEMANT KUMAR MEENA	Applications of Signal processing in Power Systems, Electric Vehicles, biomedical or image processing
129	ELECTRICAL ENGINEERING	HEMANT KUMAR MEENA	Artificial Intelligence/Optimization in power system, power electronics,Electric Vehicles
130	ELECTRICAL ENGINEERING	KAPIL SHUKLA	Traction Converters
131	ELECTRICAL ENGINEERING	KAPIL SHUKLA	Pulse-width Modulation of Grid-connected Converters
132	ELECTRICAL ENGINEERING	ANKIT SACHAN	Stability Analysis
133	ELECTRICAL ENGINEERING	ANKIT SACHAN	Lyapunov based control
134	ELECTRICAL ENGINEERING	DIPTI SAXENA	Vehicle to Infrastucture (V2X) in smart grid
135	ELECTRICAL ENGINEERING	DIPTI SAXENA	Integrated Energy Management of Electric Vehicles, Hydrogen Vehicles and Renewable Energy in Smart Grids
136	ELECTRICAL ENGINEERING	PRERNA JAIN	Power System Operation and Economics
137	ELECTRICAL ENGINEERING	PRERNA JAIN	Deep learning based solutions for Power Grid Challenges
138	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Power System Operation
139	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Big Data Analytics for Power Systems
140	ELECTRONICS AND COMMUNICATION ENGINEERING	TARUN VARMA	LLM backed intent-based networking to meet networking goals and device configuration
141	ELECTRONICS AND COMMUNICATION ENGINEERING	TARUN VARMA	Intrusion detection systems using LLMs to analyze and understand complex network traffic patterns for anomaly detection and threat identification
142	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJENDRA MITHARWAL	Computational Electromagnetics
143	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJENDRA MITHARWAL	Microwave Circuit Design
144	ELECTRONICS AND COMMUNICATION ENGINEERING	D. BOOLCHANDANI	Analog Integrated Circuits
145	ELECTRONICS AND COMMUNICATION ENGINEERING	D. BOOLCHANDANI	MEMS based sensor
146	ELECTRONICS AND COMMUNICATION ENGINEERING	SATYASAI JAGANNATH NANDA	Distributed Artificial Intelligence Algorithms for Wireless Sensor Networks
147	ELECTRONICS AND COMMUNICATION ENGINEERING	SATYASAI JAGANNATH NANDA	Artificial Intelligence Algorithms for 5G/6G Communication
148	ELECTRONICS AND COMMUNICATION ENGINEERING	REENA KUMARI	Antenna for 5G/6G Applications
149	ELECTRONICS AND COMMUNICATION ENGINEERING	REENA KUMARI	Dielectric Resonator Antenna for 5G/6G Applications
150	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Analog and Digital VLSI Design
151	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation

152	ELECTRONICS AND COMMUNICATION ENGINEERING	ARUN KUMAR	Machine Learning Augmented reliability and Variability analysis of Emerging Nanosheet FET
153	ELECTRONICS AND COMMUNICATION ENGINEERING	ARUN KUMAR	Compact Modeling and Simulation of emerging transistor for quantum computation applications
154	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	Metasurface for Energy harvesting
155	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	Synthesis and Chacterisation of Diamond Wafer for Tech industry
156	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced signal Processing Field such as Filter Design/ EEG/EMG with AI ML etc
157	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced Wireless Communication Field such as 5G/6G, Trans receiver Design, Cognitive Radio etc r Design/ EEG/EMG/AI / ML
158	ELECTRONICS AND COMMUNICATION ENGINEERING	KAMALESH KUMAR SHARMA	Antenna design for 5G/6G applications
159	ELECTRONICS AND COMMUNICATION ENGINEERING	KAMALESH KUMAR SHARMA	Image processing
160	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Integrated Photonics for Quantum Computations
161	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Machine Learning application to improve performance of Photonics Circuits
162	ELECTRONICS AND COMMUNICATION ENGINEERING	KULDEEP SINGH	Artificial Intelligence in Healthcare
163	ELECTRONICS AND COMMUNICATION ENGINEERING	KULDEEP SINGH	Anti Drone systems
164	ELECTRONICS AND COMMUNICATION ENGINEERING	VIJAY JANYANI	Deep Learning-Enabled Performance Optimization in High-Capacity Optical Networks
165	ELECTRONICS AND COMMUNICATION ENGINEERING	VIJAY JANYANI	Intelligent Control and Optimization in Optical Communication Networks Using AI
166	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	AI/ML for Healthcare applications
167	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	Embedded system for healthcare
168	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Application of AI and ML to Bio Medical Engg
169	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Design and performance evaluation of planar antenna using AI for RF/ wireless communication
170	MANAGEMENT STUDIES	SHWETA SHARMA	Sustainable Finance
171	MANAGEMENT STUDIES	SHWETA SHARMA	Corporate Finance
172	MANAGEMENT STUDIES	RITIKA MAHAJAN	Business Sustainability, CSR & ESG Strategy
173	MANAGEMENT STUDIES	RITIKA MAHAJAN	Higher Education, NEP 2020 & Employability
174	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management

175	MANAGEMENT STUDIES	SHRIDEV	CORPORATE FINANCE
176	MANAGEMENT STUDIES	SHRIDEV	CAPITAL MARKET
177	MANAGEMENT STUDIES	AAKANKSHA KATARIA	AI and Occupational Insecurity
178	MANAGEMENT STUDIES	AAKANKSHA KATARIA	AI and Employee Well-Being
179	MANAGEMENT STUDIES	AYUSH GAUTAM	Business analytics
180	MANAGEMENT STUDIES	AYUSH GAUTAM	Supply chain management, sustainability, circularity
181	MANAGEMENT STUDIES	SUNDEEP KUMAR	Sustainbility and Green Marketing
182	MANAGEMENT STUDIES	SUNDEEP KUMAR	Digital Marketing
183	MANAGEMENT STUDIES	MONICA SHARMA	Sustainable Supply Chain in Retailing
184	MANAGEMENT STUDIES	MONICA SHARMA	Supply Chain Management
185	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Supply Chain Resilience in the Age of Agentic AI and Geopolitical conflict
186	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	AI & ML and Gen AI for Sports Analytics
187	MANAGEMENT STUDIES	DEEPAK VERMA	Consumer Behavior in Online/Digital Environments
188	MANAGEMENT STUDIES	DEEPAK VERMA	Behavioral Issues in Technology Adoption
189	MANAGEMENT STUDIES	SUNANDA KATEWA	Issues in Platform Economies
190	MANAGEMENT STUDIES	SUNANDA KATEWA	Sustainability in Supply Chain Management
191	MANAGEMENT STUDIES	REETA SINGH	The Development of Microgrids Management
192	MANAGEMENT STUDIES	REETA SINGH	From Technology to Strategy: The Evolving Role of Microgrids in Sustainable Energy Management
193	MATERIAL RESEARCH CENTER	NISHA VERMA	2D Materials for Energy Storage Applications
194	MATERIAL RESEARCH CENTER	NISHA VERMA	Thermoelectric materials for wearable devices
195	MATERIAL RESEARCH CENTER	BHAGWATI SHARMA	Development of hybrid nanomaterials for biological applications
196	MATERIAL RESEARCH CENTER	BHAGWATI SHARMA	Metal-organic materials for environmental applications
197	MECHANICAL ENGINEERING	DINESH KUMAR	Phase Field Modelling for Dynamic Fracture in Ultra-High Performance Concrete (UHPC)
198	MECHANICAL ENGINEERING	DINESH KUMAR	Fracture and Failure Analysis of High Strength Low Alloys
199	MECHANICAL ENGINEERING	JYOTIRMAY MATHUR	Energy efficiency in green buildings
200	MECHANICAL ENGINEERING	JYOTIRMAY MATHUR	Adaptive thermal comfort assessment and occupant productivity
201	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Parametric Optimization of Hybrid Machining of Non-Conductive Materials
202	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Fabrication and Investigation of Sustainable MMCs
203	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Micro-Machining (EDM) and Abrasive Flow Machine (AFM) for Micro-Channel based Device Development
204	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Mechatronics based Frugal Product Design and Development
205	MECHANICAL ENGINEERING	ANUP MALIK	Design and Development of Micro Heat Dissipation Device
206	MECHANICAL ENGINEERING	ANUP MALIK	Development of Thermoplastic Composites for Drone Applications
207	MECHANICAL ENGINEERING	AMIT ARORA	Compact Earth-Air heat exchangers
208	MECHANICAL ENGINEERING	AMIT ARORA	Thermal management of EV battery/ Electronics' heat

209	MECHANICAL ENGINEERING	YASHWANT KOLI	AI based prediction of microstructure and defects in WAAM
210	MECHANICAL ENGINEERING	YASHWANT KOLI	Improving surface integrity of WAAM parts using hybrid finishing
211	MECHANICAL ENGINEERING	PREETI GULIA	Fractal-Inspired (Gosper/Peano) periodic structure for Noise insulation
212	MECHANICAL ENGINEERING	PREETI GULIA	Numerical and Experimental Investigation of Wave-Based Non-Destructive Techniques for Damage Detection
213	MECHANICAL ENGINEERING	RAJEEV AGRAWAL	Impact of industry 4.0 on supply chain traceability
214	MECHANICAL ENGINEERING	RAJEEV AGRAWAL	Disruptive technology enabled circularity in Supply Chain
215	MECHANICAL ENGINEERING	GULAB PAMNANI	Design of Advanced Multiphase material for defence application.
216	MECHANICAL ENGINEERING	GULAB PAMNANI	Design of impact resistant material for protective application.
217	MECHANICAL ENGINEERING	DINESH KUMAR RATHORE	Alignment of CNT and graphene nano-particles in polymer composites
218	MECHANICAL ENGINEERING	DINESH KUMAR RATHORE	Development of continuous electrophoretic deposition process of CNT on carbon fibers
219	MECHANICAL ENGINEERING	MAKKHAN LAL MEENA	Ergonomics intervention in Carpet Industries
220	MECHANICAL ENGINEERING	MAKKHAN LAL MEENA	Ergonomics intervention in Stone Carving Industries
221	MECHANICAL ENGINEERING	MANJINDER SINGH	Water Entry of Projectiles
222	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Composites and nanocomposites for industrial applications
223	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Micromechanics and nanomechanics
224	MECHANICAL ENGINEERING	G. D. AGARWAL	Circular Economy Conceptualization, Energy and Environmental Impact Assessment of Used Electrical Batteries
225	MECHANICAL ENGINEERING	G. D. AGARWAL	Thermal and Energy Performance Optimization of Solar-Assisted Net-Zero Buildings for Hot-Arid Regions
226	MECHANICAL ENGINEERING	MUKESH KUMAR	Brake Pad Composites with Enhanced Wear Resistance
227	MECHANICAL ENGINEERING	MUKESH KUMAR	Hybrid Composite Structures for Automotive applications
228	METALLURGICAL AND MATERIALS ENGINEERING	AJAYA KUMAR PRADHAN	High specific strength alloy design
229	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Mechanical behaviour of dissimilar welds metals
230	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Study the effect of heat treatment on precipitation hardened stainless steel
231	METALLURGICAL AND MATERIALS ENGINEERING	KUNAL JAYPRAKASH BORSE	Nanotechnology
232	METALLURGICAL AND MATERIALS ENGINEERING	KUNAL JAYPRAKASH BORSE	Nanocomposites
233	METALLURGICAL AND MATERIALS ENGINEERING	JYOTIRMAYA KAR	Resistance spot welding of automotive metals.
234	METALLURGICAL AND MATERIALS ENGINEERING	DEEPANKAR PANDA	A comparative study of structure-property correlation in cast and wrought alloys
235	METALLURGICAL AND MATERIALS ENGINEERING	DEEPANKAR PANDA	Study of crystallographic texture in materials
236	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Development of Self Lubricating coatings on metal substrates
237	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Processing of high entropy/energy stabilised oxides
238	METALLURGICAL AND MATERIALS ENGINEERING	SREEKUMAR VADAKKE MADAM	Composites of high damping capacity

239	METALLURGICAL AND MATERIALS ENGINEERING	SREEKUMAR VADAKKE MADAM	Ceramic based nano composites for supercapacitors
240	METALLURGICAL AND MATERIALS ENGINEERING	SWATI SHARMA	Development of coatings for mesh electrodes
241	METALLURGICAL AND MATERIALS ENGINEERING	SWATI SHARMA	Development of Advanced high strength steels
242	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	Beta Ti alloys for landing gear
243	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	Ni based superalloy for aerospace applications
244	PHYSICS	KAMLENDRA AWASTHI	Nanostructured MOF-Based Membranes for Hydrogen Separation
245	PHYSICS	KAMLENDRA AWASTHI	Engineering Nanostructured Materials for Sensitive and Selective Electrochemical Sensing
246	PHYSICS	KAMAKSHI PANDEY	Advanced Nanocomposite Membranes for Biomass-to-Hydrogen Conversion
247	PHYSICS	KAMAKSHI PANDEY	Computational Modeling of Enhanced Antifouling Membranes For Water Treatment

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	NAND KUMAR	Planning for sustainable development
2	ARCHITECTURE AND PLANNING	NAND KUMAR	Planning for public transportation system
3	ARCHITECTURE AND PLANNING	NAND KUMAR	Planning for urban development
4	ARCHITECTURE AND PLANNING	NAND KUMAR	Planning for mobility
5	ARCHITECTURE AND PLANNING	YASH KUMAR MITTAL	Urban Infrastructure Planning and Management
6	ARCHITECTURE AND PLANNING	YASH KUMAR MITTAL	Planning for Disaster Resilience
7	ARCHITECTURE AND PLANNING	YASH KUMAR MITTAL	Construction Project Management
8	ARCHITECTURE AND PLANNING	YASH KUMAR MITTAL	Transportation Planning and Engineering
9	ARCHITECTURE AND PLANNING	GIREENDRA KUMAR	City and Building Design for Smart Technology Integration
10	ARCHITECTURE AND PLANNING	GIREENDRA KUMAR	Urban Heat Island Mitigation for Outdoor Thermal Comfort
11	ARCHITECTURE AND PLANNING	TARUN VERMA	Human-Centric Built Environments and Occupant Well-being
12	ARCHITECTURE AND PLANNING	TARUN VERMA	Urban Microclimate & Outdoor Comfort
13	ARCHITECTURE AND PLANNING	TARUN VERMA	Integrated Environmental Quality and Workplace Productivity
14	ARCHITECTURE AND PLANNING	TARUN VERMA	Climate-Responsive Architecture and Passive Design Strategies
15	ARCHITECTURE AND PLANNING	POOJA NIGAM	Planning and Design for sustainable Urban Development
16	ARCHITECTURE AND PLANNING	POOJA NIGAM	Built Vernacular Heritage and Traditional Knowledge Systems
17	ARCHITECTURE AND PLANNING	POOJA NIGAM	Tourism Planning and Development
18	ARCHITECTURE AND PLANNING	POOJA NIGAM	Urban Growth Management and Land Use Planning

19	ARCHITECTURE AND PLANNING	ATUL KUMAR BILTORIA	Efficient Transport System for hilly terrain with Gravity assistance
20	ARCHITECTURE AND PLANNING	ATUL KUMAR BILTORIA	Urban Sustainability through vertical green cover
21	ARCHITECTURE AND PLANNING	ATUL KUMAR BILTORIA	Smart Cities development and maintenance with local research Units
22	ARCHITECTURE AND PLANNING	ATUL KUMAR BILTORIA	Impact of increasing vertical green cover on urban air quality
23	ARCHITECTURE AND PLANNING	NIRUTI GUPTA	Sustainable Urban Infrastructure
24	ARCHITECTURE AND PLANNING	NIRUTI GUPTA	Climate change, urban resilience and disaster management
25	ARCHITECTURE AND PLANNING	BHAVNA SHRIVASTAVA	Sustainable built environment & housing
26	ARCHITECTURE AND PLANNING	BHAVNA SHRIVASTAVA	Sustainable neighborhood
27	ARCHITECTURE AND PLANNING	BHAVNA SHRIVASTAVA	Sustainable built environment
28	ARCHITECTURE AND PLANNING	BHAVNA SHRIVASTAVA	Heritage planning
29	ARCHITECTURE AND PLANNING	MANISH SHARMA	Planning for alternate water sources
30	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Generative AI
31	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Explainable AI
32	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Agentic AI
33	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Reinforcement Learning
34	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	DINESH GOPALANI	Agentic AI and Systems
35	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	DINESH GOPALANI	AI Ethics and Trustworthiness
36	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Generative AI and its application including in structural design
37	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Neural Operator and Foundation model
38	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Electric vehicles
39	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Building energy management
40	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Renewable energy
41	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Solar thermal technologies
42	CENTRE FOR ENERGY AND ENVIRONMENT	SUNANDA SINHA	Sustainability and Renewable Energy
43	CENTRE FOR ENERGY AND ENVIRONMENT	SUNANDA SINHA	New and Innovative applications of Solar PV
44	CHEMICAL ENGINEERING	MADHU AGARWAL	Detection and quantification of microplastics in solid and liquids
45	CHEMICAL ENGINEERING	MADHU AGARWAL	Photodegradation of industrial pollutants
46	CHEMICAL ENGINEERING	HRUSHIKESH MADHUSUDAN GADE	MD Simulation of Water and Ion Permeation Through Functionalized Graphene Oxide Membranes for Desalination
47	CHEMICAL ENGINEERING	HRUSHIKESH MADHUSUDAN GADE	Molecular dynamics investigations for biopolymer-based novel materials development using self-assembly approach.
48	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Advanced Oxidation of Industrial Wastewater
49	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Catalytic Wet Peroxidation of Industrial Wastewater

50	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Development Visible Light Active Catalyst for the Degradation of Wastewater
51	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Catalytic Degradation of Nonbiodegradable Wastewater
52	CHEMICAL ENGINEERING	RAMDAYAL PANDA	Emission-free recovery of critical metals from electronic waste to strengthen India's resource security and safeguard the environment
53	CHEMICAL ENGINEERING	RAMDAYAL PANDA	Circular economy in battery storage enabled by recovery of critical minerals
54	CHEMICAL ENGINEERING	BIKASHBINDU DAS	Catalytic synthesis of green and sustainable fuels and chemicals
55	CHEMICAL ENGINEERING	BIKASHBINDU DAS	Catalytic environmental pollutants mitigation
56	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Water/wastewater Treatment
57	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Advanced Materials
58	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Modeling & Simulation
59	CHEMICAL ENGINEERING	MANISH VASHISHTHA	Biomass Valorization
60	CHEMICAL ENGINEERING	MANISH VASHISHTHA	Waste water treatment using biobased adsorbents
61	CHEMICAL ENGINEERING	POOJA JANGIR	Artificial Intelligence Framework for Paper-Based Devices
62	CHEMICAL ENGINEERING	POOJA JANGIR	Modelling and Simulation for Fluid Flows
63	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Biohydrogen production from agro-waste using membrane bioreactors
64	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Membrane-assisted water electrolysis systems for hydrogen production
65	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Electrochemical Anaerobic Membrane Bioreactor for Treatment of Dye-laden Wastewater
66	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Nutrient recovery (N, P, K) from agricultural runoff and wastewater
67	CHEMICAL ENGINEERING	DIPALOY DATTA	Reactive Extraction of Bioactive Compounds Using Solvents
68	CHEMICAL ENGINEERING	RAJEEV KUMAR DOHARE	Water and wastewater treatment from biowaste
69	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Biomethanation of waste materials
70	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Biomass gasification to valuable chemicals
71	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Studies on catalytic pyrolysis processes
72	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Hydrothermal carbonisation of sewage sludge
73	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Process Intensification of Industrial Effluent Treatment Using Coupled Cavitation–Photocatalytic Advanced Oxidation Systems
74	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Design of Visible-Light Responsive Photocatalysts for Mineralization of Industrial Effluents via Advanced Oxidation Pathways
75	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	AI-Driven Optimization of Hybrid Advanced Oxidation Processes for Textile Effluent Mineralization
76	CHEMICAL ENGINEERING	NEETU KUMARI	Assessment of provskite structured materials for CO2 reduction reaction
77	CHEMICAL ENGINEERING	NEETU KUMARI	Co-electrolysis of CO2 and water in SOEC
78	CHEMICAL ENGINEERING	NEETU KUMARI	Photoelectrocatalytic water splitting

79	CHEMICAL ENGINEERING	NEETU KUMARI	Synthesis and characterization of ceramic material for different application
80	CHEMICAL ENGINEERING	U K ARUN KUMAR	Advanced wastewater treatment by constructed wetland.
81	CHEMICAL ENGINEERING	U K ARUN KUMAR	Biohydrogen production by anaerobic process
82	CHEMICAL ENGINEERING	U K ARUN KUMAR	Municipal wastewater treatment by constructed wetland and anaerobic digestion
83	CHEMICAL ENGINEERING	U K ARUN KUMAR	Carbon dioxide conversion into valuable products by electrochemical methods.
84	CIVIL ENGINEERING	M. K. SHRIMALI	AI-Augmented Durability Assessment of Sustainable Infrastructure: A Mathematical Approach
85	CIVIL ENGINEERING	M. K. SHRIMALI	Advanced Computational Mechanics for Green Structural Systems: A Mathematical Approach
86	CIVIL ENGINEERING	LEELAMBAR SINGH	Hydrological modelling
87	CIVIL ENGINEERING	LEELAMBAR SINGH	Environmental system management
88	CIVIL ENGINEERING	SIDDHARTH MEHNDIRATTA	Stabilization of expansive soil
89	CIVIL ENGINEERING	SIDDHARTH MEHNDIRATTA	Behavior of offshore monopile foundation in marine soil
90	CIVIL ENGINEERING	SIDDHARTH MEHNDIRATTA	Probabilistic stability of rock slopes
91	CIVIL ENGINEERING	SIDDHARTH MEHNDIRATTA	Use of waste materials for weak subgrade improvement
92	CIVIL ENGINEERING	RUCHI SHARMA	Air Pollution Exposure and Human Health Risk Assessment in Smart Cities
93	CIVIL ENGINEERING	RUCHI SHARMA	Sustainable 3D-Printed Systems for Environmental Monitoring and Pollution Mitigation
94	CIVIL ENGINEERING	SANJAY MATHUR	Treatment of Textile Wastewater by Electrochemical method
95	CIVIL ENGINEERING	ARUN GAUR	Base Binder modification using Pyrolysis, polymer char
96	CIVIL ENGINEERING	ARUN GAUR	Utilization of char prepared from waste in pavement construction
97	CIVIL ENGINEERING	HIMANSHU ARORA	GIS & Machine Learning Applications for Spatio-Temporal Hydro-Environmental Predictions
98	CIVIL ENGINEERING	HIMANSHU ARORA	Multivariate Statistical Methods for Hydrological Assessment.
99	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Integrated Hydrodynamic Modelling of River Basins for Water Resource Assessment
100	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Assessment of Climate Variability on Surface Water Availability in Urban Watersheds
101	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Climate Change Impact Assessment on Surface Water Vulnerability
102	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Hydrological Modelling for Prediction of Surface Water Availability
103	CIVIL ENGINEERING	UTTAM SINGH	Saltwater intrusion modeling for inland aquifer systems
104	CIVIL ENGINEERING	RAMESHWAR JAGANNATH VISHWAKARMA	Evaluation of the Structural Response of Short Panel Concrete Pavement
105	CIVIL ENGINEERING	NEHA SHRIVASTAVA	Green Technologies in Ground Improvement for Infrastructure Development
106	CIVIL ENGINEERING	NEHA SHRIVASTAVA	Ground Reinforcement Approaches for Enhancing Stability of Earth Structures
107	CIVIL ENGINEERING	P V RAMANA	Waste material utilization in diverse structural elements
108	CIVIL ENGINEERING	P V RAMANA	Advanced Computational Mechanics for Green Structural Systems
109	CIVIL ENGINEERING	P V RAMANA	Waste material utilization in diverse structural elements for Advanced Computational and Experimental Mechanics of Structural Systems

110	CIVIL ENGINEERING	P V RAMANA	Advanced Computational and Experimental Mechanics of Waste-Integrated Structural Systems
111	CIVIL ENGINEERING	AMIT KUMAR	Municipal Solid Waste Systems: Efficiency, Cost, and Environmental Performance
112	CIVIL ENGINEERING	AMIT KUMAR	urban Litter management using machine learning
113	CIVIL ENGINEERING	SANDEEP SHRIVASTAVA	Industrial Waste Management and Product for circular and cleaner technology in construction
114	CIVIL ENGINEERING	SANDEEP SHRIVASTAVA	A study on Opportunities for Construction and Demolition waste based Product utilization in Construction
115	CIVIL ENGINEERING	SANDEEP SHRIVASTAVA	A study on construction decarbonization through circular products in construction
116	CIVIL ENGINEERING	SANDEEP SHRIVASTAVA	A study on decarbonization of construction industry through C&D waste utilization
117	CIVIL ENGINEERING	URMILA BRIGHU	Rural sanitation
118	CIVIL ENGINEERING	URMILA BRIGHU	Water and sanitation sector management
119	COMPUTER SCIENCE AND ENGINEERING	YOGESH KUMAR MEENA	Advanced Methods in Natural Language Processing
120	COMPUTER SCIENCE AND ENGINEERING	YOGESH KUMAR MEENA	Machine Learning for Real-World Applications
121	COMPUTER SCIENCE AND ENGINEERING	SADBHAWNA	Multimodal Large Language Models (MLLMs)
122	COMPUTER SCIENCE AND ENGINEERING	SADBHAWNA	Reasoning in Language Models
123	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Artificial Intelligence, Machine Learning.
124	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Deep Learning, pattern recognition.
125	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Satellite image processing, optimization algorithms.
126	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Smart farming, biomedical imaging.
127	COMPUTER SCIENCE AND ENGINEERING	PILLI EMMANUEL SHUBHAKAR	Quantum Key Distribution
128	COMPUTER SCIENCE AND ENGINEERING	PILLI EMMANUEL SHUBHAKAR	Artificial Intelligence Forensics
129	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Precision Agriculture Using Remote Sensing
130	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Fake Video Detection
131	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Agentic AI with Computer Vision for Autonomous Crop Health Monitoring
132	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	AI-Based Precision Agriculture Using Multi-Source Data Analytics
133	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	GenAI Architectures for Multi-Agent Systems
134	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	Generative AI models and Multi-Agent Systems
135	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	NLP
136	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	AI
137	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Responsible and Safe AI solutions for Cyber Security
138	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	TinyML Driven Solutions for ITS
139	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Federated Learning based Security solutions
140	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Next generation Vehicular Ad hoc Networks

141	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	Vulnerability patching using Large Language Models
142	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	Analyzing access control policies in SELinux
143	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	AI-Driven Cyber Defense
144	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	Multi-Modal Cybersecurity Analytics
145	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	Cyber Unlearning Systems
146	COMPUTER SCIENCE AND ENGINEERING	MAHIPAL PRITHVISINH JADEJA	Generative AI and Large Language Models for Intelligent Educational Systems
147	COMPUTER SCIENCE AND ENGINEERING	MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs
148	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Malware analysis and AI
149	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Fedarated learning and edge computing
150	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Algorithms for optimization problems
151	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Traffic grooming in EON using AI
152	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Explainable and Responsible AI
153	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Unlearning in AI
154	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	CyberLLM - Defending against malicious actors
155	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Uncovering hidden exploits in public repositories
156	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Edge AI for reducing cloud dependency
157	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Real-time inference under energy constraints Applications in agriculture, smart cities, and healthcare
158	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Development of standard evaluation protocols beyond accuracy Metrics: FLOPs, energy (kWh), latency, carbon emissions
159	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Sparse and modular neural networks
160	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Machine learning and cyber security
161	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Blockchain Technologies
162	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Explainable AI (XAI) for Deepfake Detection
163	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Machine learning and cyber security
164	COMPUTER SCIENCE AND ENGINEERING	DEEPAK RANJAN NAYAK	Deep Learning for Medical Image Processing
165	COMPUTER SCIENCE AND ENGINEERING	DEEPAK RANJAN NAYAK	Explainable machine/deep learning
166	COMPUTER SCIENCE AND ENGINEERING	ARKA PROKASH MAZUMDAR	Semantic ICN for Interoperable IoT
167	COMPUTER SCIENCE AND ENGINEERING	ARKA PROKASH MAZUMDAR	Contextual-Ethical Trust Management Systems
168	COMPUTER SCIENCE AND ENGINEERING	DINESH KUMAR TYAGI	AI and ML driven Real world applications
169	COMPUTER SCIENCE AND ENGINEERING	DINESH KUMAR TYAGI	AI/ML techniques for next-generation advanced Networks
170	COMPUTER SCIENCE AND ENGINEERING	DINESH KUMAR TYAGI	AI/ML for Multimodal Anomalies detection

171	COMPUTER SCIENCE AND ENGINEERING	DINESH KUMAR TYAGI	AI/ML driven UAV Security
172	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	IoT Integrated Safety-Critical Systems
173	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	Machine Learning in Software Reliability
174	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	Edge/Fog computing
175	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	AI in Healthcare
176	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Security, Trust and Privacy for Artificial intelligence/Large language models or VLMs
177	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Security, Trust and Privacy for Agentic Artificial intelligence for communications
178	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Security, Trust and Privacy for AI based Digital Twin
179	ELECTRICAL ENGINEERING	RAJIVE TIWARI	Electric Vehicle
180	ELECTRICAL ENGINEERING	RAJIVE TIWARI	Renewable Integration
181	ELECTRICAL ENGINEERING	RAJIVE TIWARI	voltage stability
182	ELECTRICAL ENGINEERING	RAJIVE TIWARI	demand response
183	ELECTRICAL ENGINEERING	MAN MOHAN GARG	Control of DC-DC Converters
184	ELECTRICAL ENGINEERING	MAN MOHAN GARG	Electric Vehicles
185	ELECTRICAL ENGINEERING	MAN MOHAN GARG	DC Microgrids
186	ELECTRICAL ENGINEERING	MAN MOHAN GARG	Modelling of Radio Frequency Systems
187	ELECTRICAL ENGINEERING	SURENDER HANS	Machine Learning in Control Systems
188	ELECTRICAL ENGINEERING	SURENDER HANS	Machine Learning in Health Care
189	ELECTRICAL ENGINEERING	SURENDER HANS	Robust Control, Non Linear and Conventional Control
190	ELECTRICAL ENGINEERING	NITIN GUPTA	Power Electronics & Drives
191	ELECTRICAL ENGINEERING	NITIN GUPTA	Power System Quality
192	ELECTRICAL ENGINEERING	MANOJ FOZDAR	Modern Control strategies for power system operations
193	ELECTRICAL ENGINEERING	MANOJ FOZDAR	Integration of Electrical vehicles to the grid
194	ELECTRICAL ENGINEERING	MANOJ FOZDAR	Modern Control strategies for power system operations
195	ELECTRICAL ENGINEERING	MANOJ FOZDAR	Smart grid operations
196	ELECTRICAL ENGINEERING	NEELI SATYANARAYANA	Sliding-mode control design
197	ELECTRICAL ENGINEERING	NEELI SATYANARAYANA	discrete-time systems
198	ELECTRICAL ENGINEERING	NEELI SATYANARAYANA	investigation on stability of systems
199	ELECTRICAL ENGINEERING	NEELI SATYANARAYANA	Observer design techniques
200	ELECTRICAL ENGINEERING	AKHILESH MATHUR	EV integrated Microgrid
201	ELECTRICAL ENGINEERING	AKHILESH MATHUR	AI-driven state estimation in Microgrid
202	ELECTRICAL ENGINEERING	AKHILESH MATHUR	AI-driven power flow in Microgrid
203	ELECTRICAL ENGINEERING	AKHILESH MATHUR	AI-driven short-circuit analysis in Microgrid
204	ELECTRICAL ENGINEERING	SATISH SHARMA	EV integration to Smart Grids
205	ELECTRICAL ENGINEERING	SATISH SHARMA	AI/ML applications for Power system operation
206	ELECTRICAL ENGINEERING	SATISH SHARMA	Privacy Preservation in Smart Grids

207	ELECTRICAL ENGINEERING	SATISH SHARMA	Power system Analysis and Optimization
208	ELECTRICAL ENGINEERING	HEMANT KUMAR MEENA	Applications of Signal processing in Power Systems, Electric Vehicles, biomedical or image processing
209	ELECTRICAL ENGINEERING	HEMANT KUMAR MEENA	Artificial Intelligence/Optimization in power system, power electronics,Electric Vehicles
210	ELECTRICAL ENGINEERING	HEMANT KUMAR MEENA	Artificial intelligence based classification
211	ELECTRICAL ENGINEERING	KAPIL SHUKLA	Traction Converters
212	ELECTRICAL ENGINEERING	KAPIL SHUKLA	Pulse-width Modulation of Grid-connected Converters
213	ELECTRICAL ENGINEERING	KAPIL SHUKLA	EV Chargers
214	ELECTRICAL ENGINEERING	KAPIL SHUKLA	Multi-level Converters
215	ELECTRICAL ENGINEERING	ANKIT SACHAN	Advanced Control System
216	ELECTRICAL ENGINEERING	ANKIT SACHAN	Design & Development of Drone Application
217	ELECTRICAL ENGINEERING	ANKIT SACHAN	Control design for power electronics applications
218	ELECTRICAL ENGINEERING	ANKIT SACHAN	Optimization techniques with electromechanical applications
219	ELECTRICAL ENGINEERING	VINAY PRATAP SINGH	Electric vehicles, control and modelling
220	ELECTRICAL ENGINEERING	VINAY PRATAP SINGH	AI applications
221	ELECTRICAL ENGINEERING	VINAY PRATAP SINGH	Intelligent control
222	ELECTRICAL ENGINEERING	VINAY PRATAP SINGH	AI and robotics
223	ELECTRICAL ENGINEERING	DIPTI SAXENA	Integrated Energy Management of Electric Vehicles, Hydrogen Vehicles and Renewable Energy in Smart Grids
224	ELECTRICAL ENGINEERING	DIPTI SAXENA	Vehicle to Infrastucture (V2X) in smart grid
225	ELECTRICAL ENGINEERING	DIPTI SAXENA	Artificial Intelligence Based Smart Grid Stability Enhancement Using Electric Vehicles and Hydrogen Energy Storage
226	ELECTRICAL ENGINEERING	DIPTI SAXENA	Hybrid Electric Vehicle-Hydrogen Energy Storage System for Renewable Integrated Power Systems
227	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Power System Operation
228	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Electricity Markets
229	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Cyber Security
230	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Renewable Integration
231	ELECTRONICS AND COMMUNICATION ENGINEERING	TARUN VARMA	Apply LLMs to analyze, classify, and predict network traffic patterns for better resource allocation and Quality of Service (QoS)
232	ELECTRONICS AND COMMUNICATION ENGINEERING	TARUN VARMA	Use LLMs to automate network configuration, management, and connectivity - Natural language to API/CLI translation
233	ELECTRONICS AND COMMUNICATION ENGINEERING	TARUN VARMA	LLM based classification of encrypted traffic without decrypting the data
234	ELECTRONICS AND COMMUNICATION ENGINEERING	D. BOOLCHANDANI	Analog Integrated Circuits
235	ELECTRONICS AND COMMUNICATION ENGINEERING	D. BOOLCHANDANI	MEMS based sensor
236	ELECTRONICS AND COMMUNICATION ENGINEERING	SATYASAI JAGANNATH NANDA	Distributed Artificial Intelligence Algorithms for Wireless Sensor Networks
237	ELECTRONICS AND COMMUNICATION ENGINEERING	SATYASAI JAGANNATH NANDA	Artificial Intelligence Algorithms for 5G/6G Communication

238	ELECTRONICS AND COMMUNICATION ENGINEERING	REENA KUMARI	Dielectric Resonator Antenna for 5G/6G Applications
239	ELECTRONICS AND COMMUNICATION ENGINEERING	REENA KUMARI	Antenna for 5G/6G Applications
240	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Analog and Digital VLSI Design
241	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation
242	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Mixed Signal Integrated Circuits
243	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Millimeter Wave Radar Sensing Circuits
244	ELECTRONICS AND COMMUNICATION ENGINEERING	ARUN KUMAR	Compact Modeling and Simulation of emerging transistor for quantum computation applications
245	ELECTRONICS AND COMMUNICATION ENGINEERING	ARUN KUMAR	Compact Modeling and Simulation of emerging transistor for quantum computation applications
246	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	AI/ML Assisted Metasurfaces for 6G
247	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	Metamorphic computing
248	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	Shape memory Alloy based Smart Sensor/Antenna
249	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	Flexible and transparent Electronics Application
250	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced Wireless Communication Field such as 5G/6G, Trans receiver Design, Cognitive Radio etc r Design/ EEG/EMG/AI / ML
251	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced signal Processing Field such as Filter Design/ EEG/EMG with AI ML etc
252	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Multirate Signal Processing and its Application using Verilog/AI-ML
253	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Optimization in Future Wireless Communication
254	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Large Scale Integrated Quantum Photonics
255	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Efficient Silicon Photonics for high end applications
256	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Use of Artificial Intelligence to estimate Integrated Silicon Photonics circuit performance
257	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Use of Artificial Intelligence to estimate Integrated Quantum Photonics circuit performance
258	ELECTRONICS AND COMMUNICATION ENGINEERING	KULDEEP SINGH	Artificial Intelligence in Healthcare

259	ELECTRONICS AND COMMUNICATION ENGINEERING	KULDEEP SINGH	Anti Drone systems
260	ELECTRONICS AND COMMUNICATION ENGINEERING	KULDEEP SINGH	Biomedical Systems
261	ELECTRONICS AND COMMUNICATION ENGINEERING	DEEPAK BHARTI	Fabrication of microelectronic devices and sensors
262	ELECTRONICS AND COMMUNICATION ENGINEERING	DEEPAK BHARTI	Flexible Electronics
263	ELECTRONICS AND COMMUNICATION ENGINEERING	MENKA	Device application in edge computing.
264	ELECTRONICS AND COMMUNICATION ENGINEERING	MENKA	Device application in approximate computing.
265	ELECTRONICS AND COMMUNICATION ENGINEERING	VIJAY JANYANI	AI-Driven Optimization of Next-Generation Optical Networks
266	ELECTRONICS AND COMMUNICATION ENGINEERING	VIJAY JANYANI	Intelligent Control and Optimization in Optical Communication Networks Using AI
267	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	AI/ML for Healthcare applications
268	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	Embedded system for healthcare
269	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	Security for Cyber Physical Systems
270	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	VLSI for DSP applications
271	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Design and performance evaluation of planar antenna using AI for RF/ wireless communication
272	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Application of AI and ML to Bio Medical Engg
273	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Metamaterial-inspired microstrip antennas
274	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Design and performance evaluation of meta material surface using AI for 5G communication
275	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
276	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
277	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
278	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
279	MANAGEMENT STUDIES	SHRIDEV	CORPORATE FINANCE
280	MANAGEMENT STUDIES	SHRIDEV	CAPITAL MARKET
281	MANAGEMENT STUDIES	AYUSH GAUTAM	Supply chain management, sustainability, circularity
282	MANAGEMENT STUDIES	AYUSH GAUTAM	Business analytics
283	MANAGEMENT STUDIES	SUNDEEP KUMAR	Sustainabilty and Green Marketing

284	MANAGEMENT STUDIES	SUNDEEP KUMAR	Digital Marketing
285	MANAGEMENT STUDIES	SUNDEEP KUMAR	Branding in Digital and Social Media Era
286	MANAGEMENT STUDIES	SUNDEEP KUMAR	Marketing Strategies in Social Welfare Programs
287	MANAGEMENT STUDIES	MONICA SHARMA	Sustainable Supply Chain in Retailing
288	MANAGEMENT STUDIES	MONICA SHARMA	Entrepreneurship
289	MANAGEMENT STUDIES	MONICA SHARMA	Supply Chain Management
290	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Supply Chain Resilience in the Age of Agentic AI and Geopolitical conflict
291	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Green & Smart Supply Chain & Operations Analytics
292	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	AI & ML and Gen AI for Sports Analytics
293	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	AI & ML and Agentic AI for Healthcare Analytics
294	MANAGEMENT STUDIES	DIVESH KUMAR	Sustainable facility management
295	MANAGEMENT STUDIES	DIVESH KUMAR	Siustainable Facility management and users' satisfaction
296	MANAGEMENT STUDIES	DIVESH KUMAR	User based rating of sustainable facility
297	MANAGEMENT STUDIES	SUNANDA KATEWA	Issues in Platform Economies
298	MANAGEMENT STUDIES	SUNANDA KATEWA	Sustainability in Supply Chain Management
299	MANAGEMENT STUDIES	SUNANDA KATEWA	Issues in Emerging Economies
300	MANAGEMENT STUDIES	SUNANDA KATEWA	AI in Supply Chain Management
301	MATERIAL RESEARCH CENTER	NISHA VERMA	2D Materials for Energy Storage Applications
302	MATERIAL RESEARCH CENTER	NISHA VERMA	Thermoelectric materials for wearable devices
303	MATERIAL RESEARCH CENTER	BHAGWATI SHARMA	Development of hybrid nanomaterials for biological applications
304	MATHEMATICS	KUSHAL SHARMA	Ordinary Differential Equations
305	MECHANICAL ENGINEERING	DINESH KUMAR	Analysis of Sandwich Structures under Thermal Shock using Phase Field Modelling
306	MECHANICAL ENGINEERING	JINESH KUMAR JAIN	Welding Process Characterization and Optimization through Machine Learning
307	MECHANICAL ENGINEERING	JINESH KUMAR JAIN	Optimization of Friction Stir Welding Parameters using Machine Learning Algorithms
308	MECHANICAL ENGINEERING	JYOTIRMAY MATHUR	Impact assessment of green buildings
309	MECHANICAL ENGINEERING	JYOTIRMAY MATHUR	Multi stage evaporative cooling
310	MECHANICAL ENGINEERING	JYOTIRMAY MATHUR	Correlating Energy Efficiency with Indoor Environment Quality
311	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Additive Manufacturing using Hybrid welding technique
312	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Design and Development of Hybrid-Reinforced Composites
313	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Fabrication and Characterization of Sustainable Polymer Matrix Composites
314	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Design and Development of Hybrid Welding-Assisted WAAM for High-Performance Metallic Components
315	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Textile Composite Hybrid(Carbon-Kevlar-UHMWPE) Fabrication, Characterisation and Product Development
316	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Micro-Machining (EDM) and Abrasive Flow Machine (AFM) for Micro-Channel based Device Development
317	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Additive Manufacturing (3D printing) for Orthosis/Prosthesis Development

318	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Mechatronics based Frugal Product Design and Development
319	MECHANICAL ENGINEERING	ANUP MALIK	Development of Thermoplastic Composites for Drone Applications
320	MECHANICAL ENGINEERING	ANUP MALIK	Design and Development of Micro Heat Dissipation Device
321	MECHANICAL ENGINEERING	AMIT ARORA	Heat transfer enhancement
322	MECHANICAL ENGINEERING	AMIT ARORA	Thermal management of electronics' heat
323	MECHANICAL ENGINEERING	AMIT ARORA	Earth-Air heat exchangers
324	MECHANICAL ENGINEERING	AMIT ARORA	Thermal management of EV batteries
325	MECHANICAL ENGINEERING	YASHWANT KOLI	Hybrid WAAM-Friction Stir Processing for High-Performance Aluminum Alloys
326	MECHANICAL ENGINEERING	YASHWANT KOLI	WAAM fabrication of bio-compatible implants with controlled porosity
327	MECHANICAL ENGINEERING	PREETI GULIA	Design and Development of Smart Acoustic Windows with Integrated Damage Sensing Capability
328	MECHANICAL ENGINEERING	PREETI GULIA	Acoustic Cloaking
329	MECHANICAL ENGINEERING	RAJEEV AGRAWAL	Trust in digital technologies for sustainable supply chain and logistics
330	MECHANICAL ENGINEERING	RAJEEV AGRAWAL	AI-Driven Sustainable Manufacturing
331	MECHANICAL ENGINEERING	RAJEEV AGRAWAL	Smart and Sustainable Supply Chain
332	MECHANICAL ENGINEERING	RAJEEV AGRAWAL	Trust in digital technologies for sustainable supply chain and logistics
333	MECHANICAL ENGINEERING	GULAB PAMNANI	Design optimization of composite material for lightweight structure.
334	MECHANICAL ENGINEERING	GULAB PAMNANI	Design of artificial bone and implant structure.
335	MECHANICAL ENGINEERING	DINESH KUMAR RATHORE	Multifunctional fiber reinforced polymer composites with 3d reinforced graphene nanoflakes
336	MECHANICAL ENGINEERING	DINESH KUMAR RATHORE	Mechanical performance of nano-particle modified FRP composites for marine applications
337	MECHANICAL ENGINEERING	MAKKHAN LAL MEENA	Ergonomics intervention in Carpet Industries
338	MECHANICAL ENGINEERING	MAKKHAN LAL MEENA	Ergonomics intervention in Agricultural Sector
339	MECHANICAL ENGINEERING	MAKKHAN LAL MEENA	Ergonomics intervention in Small Scale Industries
340	MECHANICAL ENGINEERING	MAKKHAN LAL MEENA	Ergonomics evaluation and new design of hand tools in Handicraft sector
341	MECHANICAL ENGINEERING	MANJINDER SINGH	Boiling Heat Transfer
342	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Composites and nanocomposites for industrial applications
343	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Productivity improvement in organisation through personal management
344	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Nanocomposites analysis using FEA
345	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Health monitoring of Aircraft Systems
346	MECHANICAL ENGINEERING	ANOJ MEENA	Design, development and characterization of 3d printed polymer composites.
347	MECHANICAL ENGINEERING	ANOJ MEENA	Study of new smart and functional polymer composite.

348	MECHANICAL ENGINEERING	G. D. AGARWAL	Comparative Analysis and Optimization of Electric Vehicles with Conventional Vehicles
349	MECHANICAL ENGINEERING	G. D. AGARWAL	Circular Economy Conceptualization, Energy and Environmental Impact Assessment of Used Electrical Batteries
350	MECHANICAL ENGINEERING	G. D. AGARWAL	Thermal and Energy Performance Optimization of Solar-Assisted Net-Zero Buildings for Hot-Arid Regions
351	MECHANICAL ENGINEERING	G. D. AGARWAL	Performance analysis of Nano Particle-based Phase Change Materials used as energy storage materials in Thermal Power plants
352	MECHANICAL ENGINEERING	MUKESH KUMAR	Brake Pad Composites with Enhanced Wear Resistance
353	MECHANICAL ENGINEERING	MUKESH KUMAR	Hybrid Composite Structures for Automotive applications
354	MECHANICAL ENGINEERING	MUKESH KUMAR	Design and Performance Analysis of Composite Materials for Lightweight Structural Applications
355	MECHANICAL ENGINEERING	MUKESH KUMAR	Wear-Resistant Composite Coatings for Industrial Machinery
356	METALLURGICAL AND MATERIALS ENGINEERING	AJAYA KUMAR PRADHAN	High performance alloy design
357	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Mechanical behaviour of dissimilar welds metals
358	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Study the effect of heat treatment on precipitation hardened stainless steel
359	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Development of high entropy alloys for aerospace applications
360	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Characterization study of nickel base superalloys
361	METALLURGICAL AND MATERIALS ENGINEERING	KUNAL JAYPRAKASH BORSE	Nanocomposites
362	METALLURGICAL AND MATERIALS ENGINEERING	KUNAL JAYPRAKASH BORSE	Nanotechnology
363	METALLURGICAL AND MATERIALS ENGINEERING	DEEPANKAR PANDA	Deformation behaviour of materials
364	METALLURGICAL AND MATERIALS ENGINEERING	DEEPANKAR PANDA	Synthesis of in-situ hybrid MMCs via mechanical alloying
365	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Development of Self Lubricating coatings on metal substrates
366	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Processing of high entropy/energy stabilised oxides
367	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Recovery of critical metals from waste
368	METALLURGICAL AND MATERIALS ENGINEERING	KRISHNA KUMAR	Development of new Aluminum Based Alloy
369	METALLURGICAL AND MATERIALS ENGINEERING	KRISHNA KUMAR	Synthesis and Characterization of Shape Memory Polymers
370	METALLURGICAL AND MATERIALS ENGINEERING	SREEKUMAR VADAKKE MADAM	Aluminium nano composites
371	METALLURGICAL AND MATERIALS ENGINEERING	SREEKUMAR VADAKKE MADAM	Iron based wear resistant composites
372	METALLURGICAL AND MATERIALS ENGINEERING	SWATI SHARMA	High Temperature Oxidation Resistant Coating Materials
373	METALLURGICAL AND MATERIALS ENGINEERING	SWATI SHARMA	Development of steel nanocomposites for nuclear power plant applications
374	METALLURGICAL AND MATERIALS ENGINEERING	SWATI SHARMA	Development of low alloy steels for advanced applications
375	METALLURGICAL AND MATERIALS ENGINEERING	RAJENDRA KUMAR GOYAL	Development of Ultra High Strength Steels
376	METALLURGICAL AND MATERIALS ENGINEERING	RAJENDRA KUMAR GOYAL	Development of Radiation Resistance Materials for Nuclear Plant
377	METALLURGICAL AND MATERIALS ENGINEERING	RAJENDRA KUMAR GOYAL	Improvement of Mechanical Properties of Alloys

378	METALLURGICAL AND MATERIALS ENGINEERING	MANJESH KUMAR MISHRA	Microstructure and Mechanical Behaviour of Additive Manufactured Superalloy
379	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	TRIP Steel
380	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	Corrosion resistant steel
381	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	Surface Engineering of coatings
382	METALLURGICAL AND MATERIALS ENGINEERING	VIJAY NAVARATNA NADAKUDURU	Wear studies on Fe based cutting tool material synthesized via powder metallurgy route

Table 5. FULL TIME WITH OWN SCHOLARSHIP (NET JRF/CSIR JRF/ETC..) AND VISVESVARAYA SCHOLARSHIP (Full Time/Part Time) GOVT. OF INDIA

S.No.	Department/Centre	Faculty Name	Tentative Research Area of proposed Ph.D.
1	ARCHITECTURE AND PLANNING	TARUN VERMA	Human-Centric Built Environments and Occupant Well-being
2	ARCHITECTURE AND PLANNING	TARUN VERMA	Urban Microclimate & Outdoor Comfort
3	ARCHITECTURE AND PLANNING	TARUN VERMA	Integrated Environmental Quality and Workplace Productivity
4	ARCHITECTURE AND PLANNING	TARUN VERMA	Climate-Responsive Architecture and Passive Design Strategies
5	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Deep Learning
6	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Foundation Models
7	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Reinforcement Learning
8	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Generative AI and its application including in structural design
9	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Neural Operator and Foundation model
10	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Electric vehicles
11	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Building energy management
12	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Renewable energy
13	CENTRE FOR ENERGY AND ENVIRONMENT	ANEESH PRABHAKAR	Solar thermal technologies
14	CENTRE FOR ENERGY AND ENVIRONMENT	AMARTYA CHOWDHURY	Thermal Behaviour and Cooling Techniques for BIPV Facades
15	CENTRE FOR ENERGY AND ENVIRONMENT	AMARTYA CHOWDHURY	Techno-Economic Feasibility of BIPV in Urban India
16	CENTRE FOR ENERGY AND ENVIRONMENT	VIVEKANAND	Biomass to Bioenergy
17	CENTRE FOR ENERGY AND ENVIRONMENT	VIVEKANAND	Anaerobic Digestion
18	CENTRE FOR ENERGY AND ENVIRONMENT	VIVEKANAND	Solid waste management
19	CENTRE FOR ENERGY AND ENVIRONMENT	VIVEKANAND	Thermochemical conversion of residual biomass

20	CENTRE FOR ENERGY AND ENVIRONMENT	KAPIL PAREEK	Battery energy storage
21	CENTRE FOR ENERGY AND ENVIRONMENT	KAPIL PAREEK	Hydrogen storage
22	CENTRE FOR ENERGY AND ENVIRONMENT	KAPIL PAREEK	Hydrogen production
23	CENTRE FOR ENERGY AND ENVIRONMENT	SUNANDA SINHA	New and Innovative applications of Solar PV
24	CENTRE FOR ENERGY AND ENVIRONMENT	SUNANDA SINHA	Energy and Sustainability
25	CHEMICAL ENGINEERING	MADHU AGARWAL	Development of Nano particles incorporated membranes for gas separation
26	CHEMICAL ENGINEERING	MADHU AGARWAL	Development of photocatalyst for treating industrial waste
27	CHEMICAL ENGINEERING	MADHU AGARWAL	Removal of nitrate from ground water
28	CHEMICAL ENGINEERING	MADHU AGARWAL	Synthesis of Metal organic framework based composite for waste treatment
29	CHEMICAL ENGINEERING	HRUSHIKESH MADHUSUDAN GADE	Molecular dynamics investigations for biopolymer-based novel materials development using self-assembly approach.
30	CHEMICAL ENGINEERING	HRUSHIKESH MADHUSUDAN GADE	MD Simulation of Water and Ion Permeation Through Functionalized Graphene Oxide Membranes for Desalination.
31	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Development of low cost adsorbents for environmental application
32	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Development of high-performance lithium-rich cathode materials
33	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Development of Metal Organic Frameworks for Energy Storage
34	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Green synthesis of nanomaterials for emerging pollutant degradation
35	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Metal organic framework for energy and environmental applications
36	CHEMICAL ENGINEERING	SUBBARAMAIAH V	Layered carbide based nanocomposites for environmental applications
37	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Development of Biosensors for Rapid Identification of Contaminats in Water
38	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Synthesis of Medicinally Important Chemicals from Glycerol
39	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Synthesis of Jet Fuels from Biomass
40	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Development of Functional Materials for Water and Wastewater Treatment
41	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Removal of Forever Chemicals
42	CHEMICAL ENGINEERING	VIJAYALAKSHMI GOSU	Low-Cost Adsorbents for Microplastic Removal
43	CHEMICAL ENGINEERING	RAMDAYAL PANDA	Circular economy in battery storage enabled by recovery of critical minerals
44	CHEMICAL ENGINEERING	RAMDAYAL PANDA	Emission-free recovery of critical metals from electronic waste to strengthen India's resource security and safeguard the environment
45	CHEMICAL ENGINEERING	SHIV OM MEENA	Waste Water Treatment by Electrochemical Methods

46	CHEMICAL ENGINEERING	SHIV OM MEENA	Novel Materials for Environmental Application
47	CHEMICAL ENGINEERING	BIKASHBINDU DAS	Catalytic synthesis of green and sustainable fuels and chemicals
48	CHEMICAL ENGINEERING	BIKASHBINDU DAS	Catalytic environmental pollutants mitigation
49	CHEMICAL ENGINEERING	BIKASHBINDU DAS	Algal biorefinery
50	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Advanced Materials
51	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Water/wastewater Treatment
52	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Modeling & Simulation
53	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Novel Catalyst for Environmental Applications
54	CHEMICAL ENGINEERING	MANISH VASHISHTHA	Biomass Valorization
55	CHEMICAL ENGINEERING	MANISH VASHISHTHA	Waste water treatment using biobased adsorbents
56	CHEMICAL ENGINEERING	POOJA JANGIR	AI Enabled Smart Paper Sensors
57	CHEMICAL ENGINEERING	POOJA JANGIR	Experiments and Simulations for Fluid Flows
58	CHEMICAL ENGINEERING	POOJA JANGIR	Detection of Heavy Metals in Water using Paper-based Devices
59	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Membrane-assisted water electrolysis systems for hydrogen production
60	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Biohydrogen production from agro-waste using membrane bioreactors
61	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Electrochemical Anaerobic Membrane Bioreactor for Treatment of Dye-laden Wastewater
62	CHEMICAL ENGINEERING	MD. OAYES MIDDA	Nutrient recovery (N, P, K) from agricultural runoff and wastewater
63	CHEMICAL ENGINEERING	SURAJIT GHOSH	Nanotechnology: Development of high-impact functional nanomaterials
64	CHEMICAL ENGINEERING	SURAJIT GHOSH	Water treatment: Development of new patentable drinking water solution
65	CHEMICAL ENGINEERING	SURAJIT GHOSH	Biosensors: Development of biomedical devices using nature-inspired architecture
66	CHEMICAL ENGINEERING	SURAJIT GHOSH	Waste-to-Enegy: Development of pilot/industrial scale patentable machineries for municiple waste conversion for Energy utilization
67	CHEMICAL ENGINEERING	RAJEEV KUMAR DOHARE	Water and wastewater treatment
68	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Catalytic applications of graphene oxide
69	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Studies on simplified extraction methods for Semecarpus anacardium
70	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Advanced transesterification techniques in biodiesel production
71	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Pyrolysis of MSW to produce energy
72	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	New methods for converting algae to biofuel

73	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Development of Bifunctional Catalysts for One-Pot Conversion of Glycerol to Lactic Acid and Other Oxygenates
74	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Catalytic Conversion of Glycerol into Value-Added Chemicals via Heterogeneous Catalysis: Process Development and Optimization
75	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Mechanistic Investigation of Hydrodynamic Cavitation-Assisted Adsorption for Removal of Emerging Pollutants from Greywater
76	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Photocatalytic Oxidation of Glycerol to Dihydroxyacetone and Glyceric Acid Using Semiconductor Catalysts
77	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Development of Visible-Light-Active Heterojunction Photocatalysts for Efficient Degradation of Organic Pollutants in Wastewater
78	CHEMICAL ENGINEERING	VIRENDRA KUMAR SAHARAN	Hybrid cavitation–photocatalysis–ozonation system for complete mineralization of organic pollutants
79	CHEMICAL ENGINEERING	NEETU KUMARI	Design of effective materials for energy storage devices using AI-ML tools
80	CHEMICAL ENGINEERING	NEETU KUMARI	Design of materials for energy storage devices using ab-initio MD simulation approach
81	CHEMICAL ENGINEERING	NEETU KUMARI	Development of ceramic materials for proton conducting solid oxide electrolysis/fuel cell
82	CHEMICAL ENGINEERING	NEETU KUMARI	Designing High-Performance Materials via Ab-initio Molecular Dynamics Simulations
83	CHEMICAL ENGINEERING	NEETU KUMARI	AI and Machine Learning for Next-Generation Energy Storage Materials: Smart Design and Optimization
84	CHEMICAL ENGINEERING	NEETU KUMARI	Advanced Hydrogen Production Using Solid Oxide Electrolysis Cells
85	CHEMICAL ENGINEERING	U K ARUN KUMAR	Heterogeneous Catalyst based Acetic acid-Ethanol Esterification Reaction in micro-reactors
86	CHEMICAL ENGINEERING	U K ARUN KUMAR	Carbon dioxide capture and conversion by Electrochemical Methods and Environmentally Friendly Solvents
87	CHEMICAL ENGINEERING	U K ARUN KUMAR	Biohydrogen production by anaerobic process
88	CHEMICAL ENGINEERING	U K ARUN KUMAR	Textile wastewater treatment and reuse for circular economy and urban development
89	CHEMISTRY	SUMANTA KUMAR MEHER	Nanomaterials for Overall Water Splitting
90	CHEMISTRY	SUMANTA KUMAR MEHER	Layered Nanomaterials for Hydrogen Production
91	CHEMISTRY	SUMANTA KUMAR MEHER	Nanocatalysts for Fuel Cells
92	CHEMISTRY	SUMANTA KUMAR MEHER	Layered Materials for Energy and Environmental Applications
93	CHEMISTRY	SUMANTA KUMAR MEHER	Nanomaterials for Sustainable Energy
94	CHEMISTRY	SUMANTA KUMAR MEHER	Novel Nanomaterials for Biosensing Applications
95	CHEMISTRY	PRADEEP KUMAR	Artificial intelligence in Quantum Chemistry
96	CHEMISTRY	PRADEEP KUMAR	Aerosol Chemistry with Machine Learning
97	CHEMISTRY	MEENA NEMIWAL	Synthesis of biologically active compounds using nanocatalysts

98	CHEMISTRY	MEENA NEMIWAL	Advanced material synthesis for water remediation
99	CHEMISTRY	MEENA NEMIWAL	Bio-based material development for the treatment of water pollutants
100	CHEMISTRY	MEENA NEMIWAL	Efficient sythetic protocol for the organic transformations using heterogeneous catalysts
101	CHEMISTRY	SUDHIR KASHYAP	Organometallic Catalysis for C–C and C–H Functionalization
102	CHEMISTRY	SUDHIR KASHYAP	Stereoselective C–O, C–N, and C–C Bond Formation
103	CHEMISTRY	SUDHIR KASHYAP	Sustainable and Green Catalytic Transformations
104	CHEMISTRY	SUDHIR KASHYAP	Transition-Metal-Catalyzed Cross-Coupling Reactions
105	CHEMISTRY	SUDHIR KASHYAP	Hybrid Catalysis: Organometallic and Photoredox Strategies
106	CHEMISTRY	SUDHIR KASHYAP	Developing Green and Nobel Chemical Transformations (Mizoroki-Heck-Suzuki-Miyaura)
107	CHEMISTRY	RAJ KUMAR JOSHI	Design, Synthesis and catalytic investigation of novel Fe-pincer complexes
108	CHEMISTRY	RAJ KUMAR JOSHI	Iron-pincer complexes: Design Synthesis and selective catalytic investigations
109	CHEMISTRY	RAJ KUMAR JOSHI	Iron-pincer complexes: Design Synthesis and selective catalytic investigations
110	CHEMISTRY	RAJ KUMAR JOSHI	Harvesting the greener techniques for the selective reduction of unsaturated hydrocarbons.
111	CHEMISTRY	SUMIT KUMAR SONKAR	Ambient Conditioned Ammonia Synthesis
112	CHEMISTRY	SUMIT KUMAR SONKAR	Ambient Conditioned Urea Synthesis
113	CHEMISTRY	SUMIT KUMAR SONKAR	Iron Oxide Nanoparticles for Multiple Applications
114	CHEMISTRY	SUMIT KUMAR SONKAR	Ambient Conditioned Carbon Di-oxide Reduction to C1-C2 Fuel
115	CHEMISTRY	ABBAS RAJA NAZIRUDDIN	Photo-Oxidation Reactions of Organic Substrates
116	CHEMISTRY	ABBAS RAJA NAZIRUDDIN	Dye-Sensitized Solar Cells
117	CHEMISTRY	ABBAS RAJA NAZIRUDDIN	Green Hydrogen from Water
118	CHEMISTRY	ABBAS RAJA NAZIRUDDIN	Organometallic Complexes for Renewable Energy
119	CHEMISTRY	ABBAS RAJA NAZIRUDDIN	DFT Calculations for Organometallic System
120	CHEMISTRY	ABBAS RAJA NAZIRUDDIN	Low Cost Organic Solar Cells
121	CHEMISTRY	BARUN JANA	Organometallic Chemistry
122	CHEMISTRY	BARUN JANA	Transition metal Catalysis for Organic Transformation Reaction
123	CHEMISTRY	BARUN JANA	Molecular Electrochemical sensors
124	CHEMISTRY	BARUN JANA	Development of methodologies for small molecule activation
125	CHEMISTRY	BIMAN BANDYOPADHYAY	Startospheric Photochemical Reactions: Theory and Experiment
126	CHEMISTRY	BIMAN BANDYOPADHYAY	Mechanistic Investigation of Asymmetric Organocatalytic Reactions

127	CHEMISTRY	BIMAN BANDYOPADHYAY	Laboratory Astrochemistry: Spectroscopy and Computation
128	CHEMISTRY	BIMAN BANDYOPADHYAY	Hydrogen Bond Involving Heavy Elements: Theory and Experiment
129	CHEMISTRY	BIMAN BANDYOPADHYAY	Astrochemistry of Sulfur: Cryogenic Spectroscopy of Interstellar Ices
130	CHEMISTRY	BIMAN BANDYOPADHYAY	Small Molecules Under Confinement: Pressure Induced Polymerization
131	CHEMISTRY	ABHINEET VERMA	Thiophene-Link 2D MOF from Upconversion to spatial RGB control
132	CHEMISTRY	ABHINEET VERMA	Ionic Liquids for Excited-State Modulation in Organic Chromophores
133	CHEMISTRY	ABHINEET VERMA	ESIPT-Based Multi-Color Emission Systems for White-Light Generation
134	CHEMISTRY	ABHINEET VERMA	Ultrafast ESIPT Dynamics and Time-Resolved Spectroscopy
135	CHEMISTRY	ABHINEET VERMA	Ultrafast Mapping of ESIPT Pathways in Functional Fluorophores
136	CHEMISTRY	ABHINEET VERMA	Coupling ESIPT and Charge Transfer for Tunable Excited-State Engineering
137	CHEMISTRY	RAHUL	Biomaterials
138	CHEMISTRY	RAHUL	Nanomaterials for drug delivery
139	CHEMISTRY	RAHUL	Phototriggered Release of Gasotransmitter
140	CHEMISTRY	RAHUL	Development of NIR dyes
141	CHEMISTRY	RAHUL	Sensing of toxic agrochemicals
142	CHEMISTRY	PAWAN REKHA	Chemical Fixation of Carbon Dioxide
143	CHEMISTRY	PAWAN REKHA	Design of Multifunctional Catalysts via Surface Engineering
144	CIVIL ENGINEERING	RUCHI SHARMA	AI-Driven Sustainable Infrastructure and Environmental Systems Analysis
145	CIVIL ENGINEERING	RUCHI SHARMA	Air Pollution Exposure and Human Health Risk Assessment in Smart Cities
146	CIVIL ENGINEERING	HIMANSHU ARORA	Groundwater Development and Management
147	CIVIL ENGINEERING	HIMANSHU ARORA	Urban Storm Water Drainage
148	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Hydrological Modelling for Prediction of Surface Water Availability
149	CIVIL ENGINEERING	MANOJ KUMAR DIWAKAR	Climate Change Impact Assessment on Surface Water Vulnerability
150	CIVIL ENGINEERING	UTTAM SINGH	Saltwater intrusion modeling for inland aquifer systems
151	CIVIL ENGINEERING	UTTAM SINGH	PFAS modeling for surface and groundwater systems
152	COMPUTER SCIENCE AND ENGINEERING	YOGESH KUMAR MEENA	Machine Learning for Real-World Applications
153	COMPUTER SCIENCE AND ENGINEERING	YOGESH KUMAR MEENA	Advanced Methods in Natural Language Processing
154	COMPUTER SCIENCE AND ENGINEERING	SADBHAWNA	Multimodal Large Language Models (MLLMs)
155	COMPUTER SCIENCE AND ENGINEERING	SADBHAWNA	Reasoning in Language Models
156	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Artificial Intelligence, Machine Learning.
157	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Deep Learning, pattern recognition.

158	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Satellite image processing, optimization algorithms.
159	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Smart farming, biomedical imaging.
160	COMPUTER SCIENCE AND ENGINEERING	PILLI EMMANUEL SHUBHAKAR	Quantum Networks
161	COMPUTER SCIENCE AND ENGINEERING	PILLI EMMANUEL SHUBHAKAR	Security Issues in Blockchain
162	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	ntegration of IoT Sensors and Artificial Intelligence for Real-Time Farm Monitoring
163	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Deep Learning-Based Plant Disease Detection and Classification in Smart Farming
164	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Sustainable Smart Agriculture Using Artificial Intelligence and Data-Driven Models
165	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Federated Learning for Privacy-Preserving Smart Farming Applications
166	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Explainable AI for Decision Support in Smart Agriculture Systems
167	COMPUTER SCIENCE AND ENGINEERING	ASHISH KUMAR TRIPATHI	Intelligent Automation in Agriculture: A Smart Farming Approach Using AI
168	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	NLP & Knowledge Graphs
169	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	NLP and Generative AI
170	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	NLP and Agentic AI
171	COMPUTER SCIENCE AND ENGINEERING	NAMITA MITTAL	NLP
172	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Artificial Intelligence based Anomaly detection
173	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Explainable AI for Vehicular IDS
174	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Federated Learning based Security solutions
175	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Ethical and Trusted AI driven framework for Network Security
176	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Next generation Vehicular Ad hoc Networks
177	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Artificial Intelligence for Network Security
178	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	Vulnerability patching using Large Language Models
179	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	AI-enabled Explainable Malware Analysis Framework
180	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	AI-Driven Cyber Defense
181	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	Multi-Modal Cybersecurity Analytics
182	COMPUTER SCIENCE AND ENGINEERING	VIKASH KUMAR	Cyber Unlearning Systems
183	COMPUTER SCIENCE AND ENGINEERING	MAHIPAL PRITHVISINH JADEJA	Generative AI and Large Language Models for Intelligent Educational Systems
184	COMPUTER SCIENCE AND ENGINEERING	MAHIPAL PRITHVISINH JADEJA	Machine/Deep Learning with Graphs

185	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Traffic grooming in EON using AI
186	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Algorithms for optimization problems
187	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Malware analysis and AI
188	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Malware analysis and AI
189	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Malware analysis and AI
190	COMPUTER SCIENCE AND ENGINEERING	PRASANTA MAJUMDAR	Malware analysis and AI
191	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	AI for cyber-security
192	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Dissecting large open source code
193	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Network traffic analysis for malicious payloads
194	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	AI for cross-coding
195	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Vulnerability analysis in large codebases
196	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Green Foundation Models
197	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Green AI: Balancing accessibility vs. computational cost
198	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Tiny ML and Edge Intelligence
199	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Deploying models on low-power devices (mobile, drones, sensors)
200	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Co-design of AI models with energy-efficient hardware (GPUs, TPUs, edge devices)
201	COMPUTER SCIENCE AND ENGINEERING	NEETA NAIN	Few-shot, zero-shot, and transfer learning
202	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Machine learning and cyber security
203	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Explainable AI (XAI) for Deepfake Detection
204	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Blockchain Technology
205	COMPUTER SCIENCE AND ENGINEERING	MEENAKSHI TRIPATHI	Quantum for security
206	COMPUTER SCIENCE AND ENGINEERING	DEEPAK RANJAN NAYAK	Machine/Deep Learning for Image and Video Understanding
207	COMPUTER SCIENCE AND ENGINEERING	DEEPAK RANJAN NAYAK	Multi-Modal Medical Imaging for Intelligent Disease Prediction
208	COMPUTER SCIENCE AND ENGINEERING	ARKA PROKASH MAZUMDAR	XAI and Digital Twin for SDWSN
209	COMPUTER SCIENCE AND ENGINEERING	ARKA PROKASH MAZUMDAR	Contextual-Ethical Trust Management Systems
210	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	IoT Integrated Safety-Critical Systems
211	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	Edge/Fog computing
212	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	Machine Learning in Software Reliability

213	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	Blockchain integrated IoT Security
214	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	AI in healthcare
215	COMPUTER SCIENCE AND ENGINEERING	NAND KUMAR JYOTISH	AI for Social Good
216	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Artificial intelligence/Large language models or VLMs for Digital twin based smart cities
217	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Agentic Artificial intelligence for traffic congestion control mechanisms in smart cities
218	ELECTRICAL ENGINEERING	RAJIVE TIWARI	Electric Vehicle
219	ELECTRICAL ENGINEERING	SURENDER HANS	Machine Learning in Health Care
220	ELECTRICAL ENGINEERING	SURENDER HANS	Robust Control, Non Linear and Conventional Control
221	ELECTRICAL ENGINEERING	SURENDER HANS	Artificial Intelligence (AI) and Machine Learning (ML) in Control Systems
222	ELECTRICAL ENGINEERING	SURENDER HANS	Sliding Mode Control in Medical Robotics
223	ELECTRICAL ENGINEERING	SURENDER HANS	Deep Learning in Control Systems
224	ELECTRICAL ENGINEERING	SURENDER HANS	AI-Powered Electric Vehicle
225	ELECTRICAL ENGINEERING	SATISH SHARMA	Cyber security applications in Smart Grid
226	ELECTRICAL ENGINEERING	SATISH SHARMA	Renewable integration to Power systems
227	ELECTRICAL ENGINEERING	ANKIT SACHAN	control design
228	ELECTRICAL ENGINEERING	ANKIT SACHAN	system stability analysis
229	ELECTRICAL ENGINEERING	ANKIT SACHAN	signal processing and quantization
230	ELECTRICAL ENGINEERING	ANKIT SACHAN	discretization approaches for advanced control system
231	ELECTRICAL ENGINEERING	ANKIT SACHAN	Lyapunov-based control
232	ELECTRICAL ENGINEERING	ANKIT SACHAN	Robotics & Drone design
233	ELECTRICAL ENGINEERING	DIPTI SAXENA	Vehicle to Infrastucture (V2X) in smart grid
234	ELECTRICAL ENGINEERING	DIPTI SAXENA	Hybrid Electric Vehicle-Hydrogen Energy Storage System for Renewable Integrated Power Systems
235	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Data Analytics for Smart Grids
236	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Digital Twins for Power Systems
237	ELECTRICAL ENGINEERING	ROHIT BHAKAR	AI applications to Power Systems
238	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Demand Response Mechanisms
239	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Net-zero energy system
240	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Long-term energy system planning

241	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJENDRA MITHARWAL	Computational Electromagnetics
242	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJENDRA MITHARWAL	Computational Electromagnetics
243	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJENDRA MITHARWAL	Microwave Circuit Design
244	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJENDRA MITHARWAL	Microwave Circuit Design
245	ELECTRONICS AND COMMUNICATION ENGINEERING	SARTHAK SINGHAL	ANTENNA FOR 5G/6G APPLICATIONS
246	ELECTRONICS AND COMMUNICATION ENGINEERING	SARTHAK SINGHAL	FREQUENCY SELECTIVE SURFACES FOR 5G/6G APPLICATIONS
247	ELECTRONICS AND COMMUNICATION ENGINEERING	D. BOOLCHANDANI	Analog Integrated Circuits
248	ELECTRONICS AND COMMUNICATION ENGINEERING	D. BOOLCHANDANI	MEMS based sensor
249	ELECTRONICS AND COMMUNICATION ENGINEERING	RAVI KUMAR MADDILA	LiFi system design
250	ELECTRONICS AND COMMUNICATION ENGINEERING	SATYASAI JAGANNATH NANDA	Distributed Artificial Intelligence Algorithms for Wireless Sensor Networks
251	ELECTRONICS AND COMMUNICATION ENGINEERING	SATYASAI JAGANNATH NANDA	Artificial Intelligence Algorithms for 5G/6G Communication
252	ELECTRONICS AND COMMUNICATION ENGINEERING	REENA KUMARI	Antenna for 5G/6G Applications
253	ELECTRONICS AND COMMUNICATION ENGINEERING	REENA KUMARI	Dielectric Resonator Antenna for 5G/6G Applications
254	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Analog and Digital VLSI Design
255	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation
256	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Mixed Signal Integrated Circuits
257	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Microelectronic Devices & Circuits
258	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Millimeter Wave Radar Sensing Circuits
259	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	RF Integrated Circuits

260	ELECTRONICS AND COMMUNICATION ENGINEERING	ARUN KUMAR	Compact Modeling and Simulation of emerging transistor for quantum computation applications
261	ELECTRONICS AND COMMUNICATION ENGINEERING	ARUN KUMAR	Machine Learning Augmented reliability and Variability analysis of Emerging Nanosheet FET
262	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	Flexible and transparent Electronics Application
263	ELECTRONICS AND COMMUNICATION ENGINEERING	RITU SHARMA	Hybrid Piezo and triboelectric Energy harvester
264	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced Wireless Communication Field such as 5G/6G, Trans receiver Design, Cognitive Radio etc r Design/ EEG/EMG/AI / ML
265	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced Wireless Communication Field such as 5G/6G, Trans receiver Design, Cognitive Radio etc r Design/ EEG/EMG/AI / ML
266	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Multirate Signal Processing and its Application using Verilog/AI-ML
267	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Optimization in Future Wireless Communication
268	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advance Investigation of Satellite earth data using optimization/ AI-ML
269	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advance Investigation of Agricultural area using optimization/ AI-ML
270	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Advanced semiconductor device fabrication
271	ELECTRONICS AND COMMUNICATION ENGINEERING	GHANSHYAM SINGH	Design and Analysis of Silicon Photonic Devices for On-Chip Optical Interconnects
272	ELECTRONICS AND COMMUNICATION ENGINEERING	KULDEEP SINGH	Artificial Intelligence in Healthcare
273	ELECTRONICS AND COMMUNICATION ENGINEERING	KULDEEP SINGH	Anti Drone systems
274	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	AI/ML for Healthcare applications
275	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	Embedded system for healthcare
276	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	Security for Cyber Physical Systems
277	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	VLSI for DSP applications
278	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	Smart Healthcare Systems

279	ELECTRONICS AND COMMUNICATION ENGINEERING	AMIT MAHESH JOSHI	VLSI Design
280	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Design and performance evaluation of meta material surface using AI for 5G communication
281	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Application of AI and ML to Bio Medical Engg
282	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Metamaterial-inspired microstrip antennas
283	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Antenna design for 5G and mm wave applications
284	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Quad band antenna
285	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Application of AI and ML to Bio Medical Engg
286	HUMANITIES AND SOCIAL SCIENCE	DIPTI SHARMA	Energy Economics
287	HUMANITIES AND SOCIAL SCIENCE	DIPTI SHARMA	Short Term Power Trading
288	HUMANITIES AND SOCIAL SCIENCE	DIPTI SHARMA	Electricity Markets
289	HUMANITIES AND SOCIAL SCIENCE	DIPTI SHARMA	Power Sector Reforms and Restructuring
290	HUMANITIES AND SOCIAL SCIENCE	NIRAJA SARASWAT	English Language Teaching and Learning
291	HUMANITIES AND SOCIAL SCIENCE	NIRAJA SARASWAT	Trauma and Memory Studies
292	HUMANITIES AND SOCIAL SCIENCE	NIRAJA SARASWAT	Indian Writings in English
293	HUMANITIES AND SOCIAL SCIENCE	NIRAJA SARASWAT	Disability Studies
294	HUMANITIES AND SOCIAL SCIENCE	NUPUR TANDON	Indian Literature in Translation
295	HUMANITIES AND SOCIAL SCIENCE	NUPUR TANDON	Navigating Gender and Identity in Literary texts
296	HUMANITIES AND SOCIAL SCIENCE	NUPUR TANDON	Literature of the diaspora
297	HUMANITIES AND SOCIAL SCIENCE	NUPUR TANDON	Theatre and Film studies
298	HUMANITIES AND SOCIAL SCIENCE	VIBHUTI SINGH SHEKHAWAT	Indian Political Institutions
299	HUMANITIES AND SOCIAL SCIENCE	VIBHUTI SINGH SHEKHAWAT	Indian Judiciary
300	HUMANITIES AND SOCIAL SCIENCE	VIBHUTI SINGH SHEKHAWAT	Politics of Secessionism in North-East
301	HUMANITIES AND SOCIAL SCIENCE	VIBHUTI SINGH SHEKHAWAT	Comparative Politics
302	HUMANITIES AND SOCIAL SCIENCE	VIBHUTI SINGH SHEKHAWAT	International Relations
303	HUMANITIES AND SOCIAL SCIENCE	VIBHUTI SINGH SHEKHAWAT	Indian Politics

304	HUMANITIES AND SOCIAL SCIENCE	NIDHI SHARMA	Behavioural and Happiness Economics
305	HUMANITIES AND SOCIAL SCIENCE	NIDHI SHARMA	Applied Microeconomics and Macroeconomicss
306	HUMANITIES AND SOCIAL SCIENCE	NIDHI BANSAL	Sociology: Rural and urban development, sustainable development, public policy
307	HUMANITIES AND SOCIAL SCIENCE	NIDHI BANSAL	Sociology: Digital Inequalities, social and cultural change
308	HUMANITIES AND SOCIAL SCIENCE	NIDHI BANSAL	Sociology: education and gender, Indian knowledge system
309	HUMANITIES AND SOCIAL SCIENCE	NIDHI BANSAL	Sociology: Ageing and society, social change and development
310	HUMANITIES AND SOCIAL SCIENCE	PREETI BHATT	Film Studies
311	HUMANITIES AND SOCIAL SCIENCE	PREETI BHATT	Literature of Climate Change
312	HUMANITIES AND SOCIAL SCIENCE	PREETI BHATT	Literature, AI and Ethics
313	HUMANITIES AND SOCIAL SCIENCE	PREETI BHATT	Literature, Culture and Society
314	MANAGEMENT STUDIES	SHWETA SHARMA	Sustainable Finance
315	MANAGEMENT STUDIES	SHWETA SHARMA	Corporate Finance
316	MANAGEMENT STUDIES	RITIKA MAHAJAN	Business Sustainability, CSR & ESG Strategy
317	MANAGEMENT STUDIES	RITIKA MAHAJAN	Strategic Management
318	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
319	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
320	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
321	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
322	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
323	MANAGEMENT STUDIES	SHRIDEV	CORPORATE FINANCE
324	MANAGEMENT STUDIES	SHRIDEV	CAPITAL MARKET
325	MANAGEMENT STUDIES	AAKANKSHA KATARIA	AI and Employee Well-Being
326	MANAGEMENT STUDIES	AAKANKSHA KATARIA	AI and Occupational Insecurity
327	MANAGEMENT STUDIES	AAKANKSHA KATARIA	Organizational Capability Development for AI Adoption
328	MANAGEMENT STUDIES	AAKANKSHA KATARIA	HRD Policies and AI Adoption
329	MANAGEMENT STUDIES	AAKANKSHA KATARIA	Organizational Learning Culture and AI Adoption
330	MANAGEMENT STUDIES	AYUSH GAUTAM	Supply chain management
331	MANAGEMENT STUDIES	AYUSH GAUTAM	Business Analytics

332	MANAGEMENT STUDIES	AYUSH GAUTAM	Circular economy
333	MANAGEMENT STUDIES	AYUSH GAUTAM	Product service systems
334	MANAGEMENT STUDIES	AYUSH GAUTAM	e-waste management
335	MANAGEMENT STUDIES	SUNDEEP KUMAR	Sustainabilty and Green Marketing
336	MANAGEMENT STUDIES	SUNDEEP KUMAR	Digital Marketing
337	MANAGEMENT STUDIES	SUNDEEP KUMAR	Branding in Digital and Social Media Era
338	MANAGEMENT STUDIES	SUNDEEP KUMAR	Marketing Strategies in Social Welfare Programs
339	MANAGEMENT STUDIES	SUNDEEP KUMAR	Marketing Practices in Industry 5.O
340	MANAGEMENT STUDIES	SUNDEEP KUMAR	Influencer Marketing
341	MANAGEMENT STUDIES	MONICA SHARMA	Sustainable Supply Chain in Retailing
342	MANAGEMENT STUDIES	MONICA SHARMA	Entrepreneurship
343	MANAGEMENT STUDIES	MONICA SHARMA	Supply Chain Management
344	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Supply Chain Resilience in the Age of Agentic AI and Geopolitical conflict
345	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Green & Smart Supply Chain & Operations Analytics
346	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	AI & ML and Gen AI for Sports Analytics
347	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	AI & ML and Agentic AI for Healthcare Analytics
348	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Business Analytics
349	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Operations Management and Optimization and Operations Research
350	MANAGEMENT STUDIES	DEEPAK VERMA	Consumer Behavior in Online/Digital Environments
351	MANAGEMENT STUDIES	DEEPAK VERMA	Behavioral Issues in Technology Adoption
352	MANAGEMENT STUDIES	SUNANDA KATEWA	Issues in Platform Economies
353	MANAGEMENT STUDIES	SUNANDA KATEWA	Sustainable Supply Chain Management
354	MANAGEMENT STUDIES	SUNANDA KATEWA	Issues in Emerging Economies
355	MANAGEMENT STUDIES	SUNANDA KATEWA	AI in Supply Chain Management
356	MANAGEMENT STUDIES	SUNANDA KATEWA	Supply Chain Issues due to Trade-War
357	MANAGEMENT STUDIES	SUNANDA KATEWA	Sustainability driven business models related to Electric Vehicle
358	MANAGEMENT STUDIES	REETA SINGH	Workforce Planning-Reskilling & Upskilling for technological advancements
359	MANAGEMENT STUDIES	REETA SINGH	Hybrid Work Model and Employee Engagement

360	MANAGEMENT STUDIES	REETA SINGH	Work - Life Balance
361	MATERIAL RESEARCH CENTER	VIKAS SHARMA	Process Engineering for Thin Film Semiconductors Used in Extreme/Harsh Environments Application.
362	MATERIAL RESEARCH CENTER	VIKAS SHARMA	Device Engineering for Next-Gen Photovoltaic Technologies Compatible with Ambient and Green Processing.
363	MATERIAL RESEARCH CENTER	VIKAS SHARMA	Dual Functional Devices- Energy Conversion and Storage
364	MATERIAL RESEARCH CENTER	VIKAS SHARMA	Design and Development of High Performance Thin Film Metal Ion Battery/Supercapacitor
365	MATERIAL RESEARCH CENTER	NISHA VERMA	2D Materials for Energy Storage Applications
366	MATERIAL RESEARCH CENTER	NISHA VERMA	Thermoelectric materials for wearable devices
367	MATERIAL RESEARCH CENTER	NISHA VERMA	High Entropy alloy for Green Energy
368	MATERIAL RESEARCH CENTER	NISHA VERMA	Data-driven optimization of solid-state batteries and ion transport mechanisms
369	MATERIAL RESEARCH CENTER	BHAGWATI SHARMA	Nanoscale materials for optical sensing of metal ions and biomolecules
370	MATERIAL RESEARCH CENTER	BHAGWATI SHARMA	Supramolecular metallogels for environmental applications
371	MATERIAL RESEARCH CENTER	BHAGWATI SHARMA	Metal-organic nanostructures for biological and environmental applications
372	MATERIAL RESEARCH CENTER	BHAGWATI SHARMA	Fluorescent Carbon dots for multifunctional applications
373	MATHEMATICS	GEETANJALI CHATTOPADHYAY	Applications of differential equations
374	MATHEMATICS	GEETANJALI CHATTOPADHYAY	Fluid dynamics
375	MATHEMATICS	GEETANJALI CHATTOPADHYAY	Thin film flows
376	MATHEMATICS	GEETANJALI CHATTOPADHYAY	Channel flow stability
377	MATHEMATICS	VARUN JINDAL	Topologies on Closed and Closed Convex Sets
378	MATHEMATICS	VARUN JINDAL	Set Convergences in Topology and Analysis
379	MATHEMATICS	VARUN JINDAL	Topology of Uniform Convergence on Spaces of Functions
380	MATHEMATICS	VARUN JINDAL	Continuous Set-Valued Maps
381	MATHEMATICS	ANUBHA JINDAL	Hyperspace topologies and their applications
382	MATHEMATICS	ANUBHA JINDAL	A study of Lipschitz type functions in generalized metric spaces
383	MATHEMATICS	ANUBHA JINDAL	Function Spaces in topology
384	MATHEMATICS	ANUBHA JINDAL	Spaces of Multifunctions
385	MATHEMATICS	KUSHAL SHARMA	ODE Solutions and Applications
386	MATHEMATICS	OM P. SUTHAR	Modeling Thermo-convective Flows Using PINNs
387	MATHEMATICS	OM P. SUTHAR	Dynamics of Fluid Flow in Composite Systems
388	MATHEMATICS	OM P. SUTHAR	Computational Methods for Hydrodynamic Stability Analysis

389	MATHEMATICS	OM P. SUTHAR	PDE-Based Numerical Investigation of Fluid Flow Problems
390	MATHEMATICS	SANJAY BHATTER	Study of Generalized Special function and its applications
391	MATHEMATICS	SANJAY BHATTER	Application of fractional calculus and special functions
392	MATHEMATICS	SANTOSH CHAUDHARY	Modeling using Differential Equations
393	MATHEMATICS	SANTOSH CHAUDHARY	Computational study of Partial Differential Equations
394	MATHEMATICS	PRIYANKA HARJULE	Fractional-Geometric Optimization Framework for Robust and Efficient Deep Learning
395	MATHEMATICS	PRIYANKA HARJULE	Optimization in High-Dimensional Non-Convex Systems
396	MATHEMATICS	ASHA KUMARI MEENA	Hyperbolic Conservation Laws and Balance Laws
397	MATHEMATICS	ASHA KUMARI MEENA	Discontinuous Galerkin Methods, Finite Difference Scheme, Finite Volume Scheme, WENO Schemes
398	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Investigations on Brahmi Lipi for IKS
399	MECHANICAL ENGINEERING	PANKAJ KUMAR GUPTA	Investigations on ancient Indian metallurgical system
400	MECHANICAL ENGINEERING	GUNJAN SONI	Impact of Geographical Conditions on Supply Chain Resilience
401	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Simulation Studies for Textile Composite Hybrid(Carbon-Kevlar-UHMWPE) Fabrication, Characterisation and Product Development
402	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Mathematical Modelling for Micro-Machining (EDM) and Abrasive Flow Machine (AFM) for Micro-Channel based Device Development
403	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Design Thinking for Frugal for Product Design and Development
404	MECHANICAL ENGINEERING	PREETI GULIA	Acoustic Metamaterial-Based Non-Destructive Evaluation for Crack Localization in Structures
405	MECHANICAL ENGINEERING	PREETI GULIA	Acoustic Levitation
406	MECHANICAL ENGINEERING	GULAB PAMNANI	Impact behaviour and energy dissipation of lightweight composite crash structure.
407	MECHANICAL ENGINEERING	GULAB PAMNANI	Damage assessment of 3d printed polymer composite
408	MECHANICAL ENGINEERING	DINESH KUMAR RATHORE	Evaluation of sandwich composites with nano-particle modified face sheets for tribological applications
409	MECHANICAL ENGINEERING	DINESH KUMAR RATHORE	Fatigue behaviour of graphene embedded carbon fiber based structural composites
410	MECHANICAL ENGINEERING	MANJINDER SINGH	Boiling Heat Transfer
411	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Composites and nanocomposites
412	MECHANICAL ENGINEERING	GAURAV HEDAU	Boiling Heat transfer in microchannel heat exchangers
413	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Corossion study of precipitation hardened stainless steel
414	METALLURGICAL AND MATERIALS ENGINEERING	RANDHIR KUMAR SINGH	Characterization study of precipitation hardened stainless steel

415	METALLURGICAL AND MATERIALS ENGINEERING	KUNAL JAYPRAKASH BORSE	Nanotechnology
416	METALLURGICAL AND MATERIALS ENGINEERING	KUNAL JAYPRAKASH BORSE	Corrosion resistant coatings
417	METALLURGICAL AND MATERIALS ENGINEERING	DEEPANKAR PANDA	Deformation behaviour of materials
418	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Processing of high entropy/energy stabilised oxides
419	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Recovery of critical metals/minerals from waste
420	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Development of Self Lubricating coatings on metal substrates
421	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	Nano wire synthesis via electrodeposition
422	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	Beta Ti alloy
423	METALLURGICAL AND MATERIALS ENGINEERING	RAJESH KUMAR RAI	Mechanical properties of Ti5553 alloy
424	PHYSICS	RAHUL SINGHAL	Development of efficient Organic Solar Cell
425	PHYSICS	RAHUL SINGHAL	Ion irradiation of nanocomposite materials
426	PHYSICS	RAHUL SINGHAL	Fabrication of carbon based sensor for determination of doping steroids
427	PHYSICS	RAHUL SINGHAL	Au-rGO nanocomposite thin films
428	PHYSICS	RAHUL SINGHAL	Effect of low energy ion irradiation on metal-fullerene nanocomposite thin films
429	PHYSICS	RAHUL SINGHAL	Building integrated photovoltaics
430	PHYSICS	KAMLENDRA AWASTHI	Flexible Supercapacitors Based on 2D Nanomaterials
431	PHYSICS	KAMLENDRA AWASTHI	Hydrogen as a Future Fuel: Selective Separation Using Porous and 2D Materials
432	PHYSICS	KAMLENDRA AWASTHI	Nanostructured Hybrid Materials for Gas Sensing Applications
433	PHYSICS	KAMLENDRA AWASTHI	Metal Organic Framework based Gas Sensors for Enhanced Sensitivity and Selectivity
434	PHYSICS	DEBASISH SARKAR	Platinum-Free Electrocatalysts for Efficient Hydrogen Generation: Materials Design, Mechanistic Insights, and Performance Optimization
435	PHYSICS	DEBASISH SARKAR	Bifunctional Platinum-Free Electrocatalysts for Efficient Overall Water Splitting
436	PHYSICS	DEBASISH SARKAR	Multivalent Metal-Ion-Based Flexible Energy Storage Devices: Design and Performance Optimization
437	PHYSICS	DEBASISH SARKAR	Next-Generation Zinc-Ion Batteries via Surface-Engineered Electrodes and Interface Control
438	PHYSICS	KANUPRIYA SACHDEV	Advanced anodes for metal-ion battery
439	PHYSICS	KANUPRIYA SACHDEV	Process engineering for Thin-film Na-ion microbatteries/ supercapacitors.

440	PHYSICS	KANUPRIYA SACHDEV	Electrolyte engineering for metal ion battery
441	PHYSICS	KANUPRIYA SACHDEV	Hybrid Perovskite-Battery/supercapacitor Integrated Energy Devices
442	PHYSICS	ANIRBAN DUTTA	Nanogenerators for Energy Harvesting
443	PHYSICS	ANIRBAN DUTTA	Studies of Hydrogen Evaluation Reaction for Sustainable Hydrogen Production
444	PHYSICS	ANIRBAN DUTTA	Fabrication of Piezoelectric Nanogenerators for Energy Application
445	PHYSICS	ANIRBAN DUTTA	Studies of Hydrogen Evaluation Reaction for Sustainable Hydrogen Production
446	PHYSICS	ANIRBAN DUTTA	Advanced Fabrication Strategies for High-Efficiency Piezoelectric Nanogenerators in Wearable Energy Systems
447	PHYSICS	ANIRBAN DUTTA	Experimental Study of HER on Doped 2D Materials for Green Hydrogen Applications
448	PHYSICS	SRINIVASA RAO NELAMARRI	Growth and modification of nanomaterials for optoelectronic applications
449	PHYSICS	SRINIVASA RAO NELAMARRI	Ion beam modification of nanostructured materials for various applications
450	PHYSICS	RAJNISH DHIMAN	SiC reinforced Al-metal matrix nanocomposites for enhanced mechanical and thermal performance.
451	PHYSICS	RAJNISH DHIMAN	Experimental investigations of micro/nano reinforcement effects in Metal Matrix Composites
452	PHYSICS	RAJNISH DHIMAN	Material and electrolyte interface investigation of Zn anodes for efficient Zn-air batteries.
453	PHYSICS	RAJNISH DHIMAN	Carbon-based novel cathode materials for gel polymer electrolyte-based electrochemical energy devices.
454	PHYSICS	K VENKATARATNAM KAMMA	Understanding the Accelerating Expansion of the Universe
455	PHYSICS	K VENKATARATNAM KAMMA	Dark Energy and its Impact on Cosmic Evolution
456	PHYSICS	K VENKATARATNAM KAMMA	Gravitational Waves and the Early Universe
457	PHYSICS	K VENKATARATNAM KAMMA	Propagation of Gravitational waves in an Expanding Universe
458	PHYSICS	K VENKATARATNAM KAMMA	DFT Investigation of carbon Dioxide conversion into Value-Added Chemicals and Fuels
459	PHYSICS	K VENKATARATNAM KAMMA	DFT Study of Adsorption and Activation on N-doped carbon Nano-frame Works
460	PHYSICS	SUBHAYAN MANDAL	Classification & clustering of galaxy morphologies by unsupervised ML tools.
461	PHYSICS	SUBHAYAN MANDAL	Overcoming selection bias & nondetection of distant faint sky objects.
462	PHYSICS	SUBHAYAN MANDAL	Photometric galaxy redahift study with ML.
463	PHYSICS	SUBHAYAN MANDAL	Modelling high dimensional non-Gaussianity of galaxy distribution.
464	PHYSICS	SUBHAYAN MANDAL	Effect of solar winds on telluric magnetic field lines.

465	PHYSICS	SUBHAYAN MANDAL	Modelling astronomical transients from imputed timeseries data.
466	PHYSICS	MANOJ KUMAR	Pressure-Driven Superconductivity in Topological Quantum Materials
467	PHYSICS	MANOJ KUMAR	Design and Development of MOF-based Cryo-Adsorbents for Hydrogen Storage
468	PHYSICS	MANOJ KUMAR	3D Printing of Graphene–MoS_2-Based Hybrid Nanomaterials for Energy Applications
469	PHYSICS	MANOJ KUMAR	Development of Modular Electrolyzer Stacks for Scalable Green Hydrogen Production
470	PHYSICS	KAMAKSHI PANDEY	Fueling Tomorrow's Hydrogen Economy with Polymer-MOF Membranes
471	PHYSICS	KAMAKSHI PANDEY	Particle-Scale Modeling and Simulation of Patterned Membranes for Water Treatment
472	PHYSICS	KAMAKSHI PANDEY	Polymer Nanocomposite Membranes for Low-Energy Separation in Clean-Energy Systems
473	PHYSICS	KAMAKSHI PANDEY	CFD Simulations of Patterned Membranes for Enhanced Fuel Cell Performance.

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	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Agentic AI
2	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Deep Learning
3	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	CHANDRA PRAKASH	Reinforcement Learning
4	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Generative AI and its application including in structural design
5	ARTIFICIAL INTELLIGENCE & DATA ENGINEERING	ARYA PRAKASH PADHI	Neural Operator and Foundation model
6	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Advanced Materials
7	CHEMICAL ENGINEERING	VIKAS KUMAR SANGAL	Water/wastewater Treatment
8	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Wet biomass directly into biocrude by hydrothermal carbonisation
9	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Extraction of bioactive components from algae
10	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Extraction of bioactive compounds from Semecarpus anacardium
11	CHEMICAL ENGINEERING	ROHIDAS GANGARAM BHOI	Catalytic conversion of biomass to biofuels
12	CHEMISTRY	SUDHIR KASHYAP	β-Selective Glycosylation via Remote Group Control

13	CHEMISTRY	SUDHIR KASHYAP	Stereodivergent Synthesis of Rare Sugars
14	CHEMISTRY	ABBAS RAJA NAZIRUDDIN	Preparation of Water Oxidation Dyads
15	CHEMISTRY	ABBAS RAJA NAZIRUDDIN	Preparation of WOC and HER systems for TANDEM DSPECs
16	CIVIL ENGINEERING	AMIT KUMAR	Enhancing Refuse-Derived Fuel (RDF) Quality from Legacy Waste Dumpsites
17	CIVIL ENGINEERING	AMIT KUMAR	urban Litter management using machine learning
18	COMPUTER SCIENCE AND ENGINEERING	SADBHAWNA	Multimodal Large Language Models (MLLMs)
19	COMPUTER SCIENCE AND ENGINEERING	SADBHAWNA	Multimodal Large Language Models (MLLMs)
20	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Artificial Intelligence, Machine Learning, Deep Learning, pattern recognition.
21	COMPUTER SCIENCE AND ENGINEERING	LAVIKA GOEL	Satellite image processing, optimization algorithms, smart farming, biomedical imaging.
22	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Mobile Security Solutions: Design and Analysis
23	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Development of Android Security Solutions
24	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Android Mobile Vulnerability and Security Analysis Solutions
25	COMPUTER SCIENCE AND ENGINEERING	JYOTI GROVER	Design and Development of Advanced Mobile Security & Analysis Solutions
26	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	AI-enabled Explainable Malware Analysis Framework
27	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	Vulnerability patching using Large Language Models
28	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	Visualization framework for Android Malware Detection
29	COMPUTER SCIENCE AND ENGINEERING	SMITA NAVAL	Fuzzing preinstalled android apps for identifying security loopholes
30	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	AI in cybersecurity
31	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Detecting and patching software bugs
32	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Machine unlearning

33	COMPUTER SCIENCE AND ENGINEERING	VIJAY LAXMI	Mitigating Hallucinations in AI models
34	COMPUTER SCIENCE AND ENGINEERING	DEEPAK RANJAN NAYAK	Development of Intelligent Multi-Label Ophthalmic Disease Diagnostic Model using Fundus Images
35	COMPUTER SCIENCE AND ENGINEERING	DEEPAK RANJAN NAYAK	AI-driven Multi-modal Retinal Image Analysis
36	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Artificial intelligence/Large language models or VLMs for Digital twin based smart cities
37	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Agentic Artificial intelligence for traffic congestion control mechanisms in smart cities
38	COMPUTER SCIENCE AND ENGINEERING	RAMESH BABU BATTULA	Security, Trust and Privacy for AI based Digital Twin
39	ELECTRICAL ENGINEERING	SURENDER HANS	Artificial Intelligence (AI) and Machine Learning (ML) in Control Systems
40	ELECTRICAL ENGINEERING	SURENDER HANS	Deep Learning in Control Systems
41	ELECTRICAL ENGINEERING	SURENDER HANS	Robust Control, Non Linear and Conventional Control
42	ELECTRICAL ENGINEERING	SURENDER HANS	Machine Learning in Health Care
43	ELECTRICAL ENGINEERING	HEMANT KUMAR MEENA	Signal processing and application
44	ELECTRICAL ENGINEERING	HEMANT KUMAR MEENA	Machine learning and classification
45	ELECTRICAL ENGINEERING	ANKIT SACHAN	Optimization techniques with electromechanical applications
46	ELECTRICAL ENGINEERING	ANKIT SACHAN	Nonlinear control and Observation
47	ELECTRICAL ENGINEERING	ANKIT SACHAN	Design & Development of Robotics & Drone applications
48	ELECTRICAL ENGINEERING	ANKIT SACHAN	signal processing and quantization
49	ELECTRICAL ENGINEERING	PRERNA JAIN	Deep Learning based solutions for Water and Energy Nexus Systems
50	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Net-zero energy system
51	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Long-term energy system planning
52	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Demand Response Mechanisms
53	ELECTRICAL ENGINEERING	ROHIT BHAKAR	Energy Markets
54	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Analog and Digital VLSI Design
55	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Nano Electronics Device Modelling & Simulation
56	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Millimeter Wave Radar Sensing Circuits

57	ELECTRONICS AND COMMUNICATION ENGINEERING	BHARAT CHOUDHARY	Microelectronic Devices & Circuits
58	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced signal Processing Field such as Filter Design/ EEG/EMG with AI ML etc
59	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Advanced Wireless Communication Field such as 5G/6G, Trans receiver Design, Cognitive Radio etc r Design/ EEG/EMG/AI / ML
60	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Multirate Signal Processing and its Application using Verilog/AI-ML
61	ELECTRONICS AND COMMUNICATION ENGINEERING	ILA SHARMA	Optimization in Future Wireless Communication
62	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Quad Band Antenna
63	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Application of AI and ML in Cognitive radio
64	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Quantum Computing
65	ELECTRONICS AND COMMUNICATION ENGINEERING	M. M. SHARMA	Cyber Security
66	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
67	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
68	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
69	MANAGEMENT STUDIES	JANPRIY SHARMA	Operations management
70	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Supply Chain Resilience in the Age of Agentic AI and Geopolitical conflict
71	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	Green & Smart Supply Chain & Operations Analytics
72	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	AI & ML and Gen AI for Sports Analytics
73	MANAGEMENT STUDIES	SANDIPAN KARMAKAR	AI & ML and Agentic AI for Healthcare Analytics
74	MANAGEMENT STUDIES	SUNANDA KATEWA	Issues in Platform Economies
75	MANAGEMENT STUDIES	SUNANDA KATEWA	Sustainable Supply Chain Management
76	MANAGEMENT STUDIES	SUNANDA KATEWA	Issues in Emerging Economies
77	MANAGEMENT STUDIES	SUNANDA KATEWA	AI in Supply Chain Management
78	MANAGEMENT STUDIES	REETA SINGH	Hybrid Work Model and Employee Engagement
79	MECHANICAL ENGINEERING	HARLAL SINGH MALI	Static and Dynamic Fracture Toughness Studies of Ceramic Faced Fiber Reinforced Polymer Composites for Armour Applications

80	MECHANICAL ENGINEERING	ANUP MALIK	Design and Development of Micro Heat Dissipation Device
81	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Composites and nanocomposites
82	MECHANICAL ENGINEERING	SURENDRA SINGH GODARA	Health monitoring of Aircraft Systems
83	METALLURGICAL AND MATERIALS ENGINEERING	DEEPANKAR PANDA	Deformation behaviour of materials
84	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Processing of high entropy/energy stabilised oxides
85	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Recovery of critical metals/minerals from waste
86	METALLURGICAL AND MATERIALS ENGINEERING	BANDI SURESH	Development of Self-Lubricating coatings on metal substrates
87	METALLURGICAL AND MATERIALS ENGINEERING	SWATI SHARMA	HEA alloy coating for mesh electrode
88	METALLURGICAL AND MATERIALS ENGINEERING	SWATI SHARMA	Polymer and metal matrix composite coatings with enhanced properties
89	METALLURGICAL AND MATERIALS ENGINEERING	RAJENDRA KUMAR GOYAL	High Performance Polymeric Composites for Defence Applications
90	METALLURGICAL AND MATERIALS ENGINEERING	RAJENDRA KUMAR GOYAL	Thermal, Mechanical and Electrical Properties of Polymer Composites

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

Table 7. Minimum Educational Qualification for Sponsored M.Tech./M.Plan. (Full-Time/Part-Time)

S. No.	Academic Department	Post Graduate Programme	Minimum Educational Qualification
1.	**Chemical Engineering**	**Chemical Engineering and Sustainability**	B.E./B.Tech. degree in Engineering / AMIE in any discipline or a Master's degree (M.Sc.) in any discipline
2.	**Civil Engineering**	**Water Resource Engineering**	B.E./B.Tech. in Agriculture Engg., Civil Engg., Irrigation Engg., Water Management, Civil Engg. & Planning, Civil Technology.
3.	**Civil Engineering**	**Environmental Engineering**	B.E./B.Tech. in Agriculture Engg., Biotech Engg., Biotechnology, Chemical Engg., Civil Engg., Civil Environmental, Computer Technology, Mechanical Engg., Biotechnology & Biochemical Engg., Chemical Technology, Civil Engg. & Planning, Civil Technology, Environmental & Pollution Control, Environmental Science & Engg./Technology.
4.	**Civil Engineering**	**Transportation Engineering**	B.E./B.Tech. in Civil Engg., Construction Engg., Construction Technology, Highway Engg., Transportation Engg., Transportation & Urban Planning , Civil Engineering & Planning, Civil Technology.

5.	**Civil Engineering**	**Structural Engineering**	B.E./B.Tech. in Building& Construction Tech., Civil Engg., Construction Engg., Construction Technology Structural Engg., Applied Mechanics, Civil Engg. & Planning, Civil Technology, Computer Aided Design of Structures.
6.	**Electrical Engineering**	**Power Systems**	B.E/B.Tech in Electrical Engineering/ Electrical and Electronics Engineering.
7.	**Electrical Engineering**	**Power Systems Management**	B.E/B.Tech in Electrical Engineering/ Electrical and Electronics Engineering.
8.	**Electronics & Communication Engg.**	**Electronics and Comm. Engg.**	B.E./B.Tech. in Electronics & Communication Engg. Electronics and Instrumentation Engg., Electronics and Telecom Engg, Electronics Engg ,Telecommunication Engg, Applied Electronics Telecommunication Engg, Communication Engg Computer and Communication Engg., Electronics and Computer Engg., Electronic and Electrical Communication Engg, Electronics Design Technology. Electronics Science and Engg. **,** Information & Comm. Technology.
9.	**Electronics & Communication Engineering**	**VLSI Design**	B.E./B.Tech. in Electronics & Communication Engg. Electronics and Instrumentation Engg., Electronics and Telecom Engg, Electronics Engg ,Telecommunication Engg., Applied Electronics Telecommunication Engg, Communication Engg**.,** Computer and Communication Engg., Electronics and Computer Engg., Electronic and Electrical Communication Engg, Electronics Design Technology. Electronics Science and Engg.**,** Information & Comm. Technology, VLSI System Design.
10.	**Mechanical Engineering**	**Industrial Engineering**	B.E./B.Tech. in Mechanical Engg., Industrial Engg., Industrial Engg. & Management, Industrial & Production Engg., Production & Industrial Engg., Production Engg., Production Engg. & Management.
11.	**Computer Science and Engineering**	**Computer Science and Engineering**	B.E./B.Tech. in Applied Electronics & Instrumentation Engg., Computer Engg., Computer Science, Computer Science &Engg., Computer Science & Information Technology, Computer Technology, Electrical & Electronics Engg., Electrical &Instrumentation, Electrical Engg., Electrical Engg. (Power), Electrical Power Engg., Electronics & Communication Engg., Electronics & Instrumentation Engg., Electronics & Telecom Engg., Electronics Engg., Information Technology, Power Electronics, Telecommunication Engg., Applied Electronics & Telecommunication Engg., Communication Engg., Computer & Communication Engg., Computer Engg. & Application, Computer Networking, Computer Science & System Engg., Computer Science & Technology, Computing in Computing, Computing in Multimedia, Computing in Software, Electrical Engg. & Industrial Control, Electrical & Instrumentation Engg., Electrical & Power Engg., Electrical Instrumentation & Control Engg., Electronics Instrumentation & Control Engg., Electronics & Computer Engg., Electronics & Control Systems, Electronics & Electrical Communication Engg., Electronics & Electrical Engg., Electronics & Information Systems, Electronics & Power Engg., Electronics & Telematics Engg., Electronics Communication & Instrumentation Engg., Electronics Design Technology, Electronics Instrument & Control, Electronics Science &Engg., Industrial Electronics,

			Information & Comm. Technology, Information Engg., Information Science, Information Science &Engg./Technology, Software Engg., VLSI System Design
12.	**Architecture and Planning**	**Urban Planning**	B.Arch., B.Plan., Bachelor in Town Planning, Bachelor in Transportation Planning ,Bachelor in Urban Planning, Bachelor in Town & Country Planning, B.E or B.Tech. in Civil Engineering, B.E or B.Tech. in Environmental Engineering, B.E or B.Tech. in Construction Engineering., B.E or B.Tech. in Construction Technology.
13.	**Centre for Energy & Environment**	**Renewable Energy**	B.E./B.Tech. in Architectural Engg., Architecture, Automobile, Biochemical, Biotech., Biotechnology, Chemical, Civil, Civil Environmental, Control & Electrical, Electrical & Electronics, Electrical & Instrumentation, Electrical, Electrical Engg. (Power), Electrical Power, Electro-chemical, Energy, Engineering Physics, Environmental, Industrial Manufacturing, Industrial & Production, Industrial, Industrial Engg. & Management, Industrial Metallurgy, Manufacturing Engg./Tech., Material Science &Engg./Tech., Mechanical Engg., Metallurgical & Materials, Metallurgical & Materials Tech., Metallurgical, Metallurgical Engg. & Material Science, Metallurgy, Power Electronics, Production & Industrial, Production, Production Engg. & Management, Renewable Energy, Chemical & Polymer, Civil Engg. & Planning, Electrical Engg. & Industrial Control, Electrical & Instrumentation, Electrical & Power, Electrical Science &Engg., Environmental Science &Engg./Tech., Material Science & Metallurgical, Mechanical & Automation, Mechanical Engg. Automobile, Power Control & Drives, Power, Solar & Alternate Energy, M. Sc in Applied Physics, Physics, Engineering Physics, Engineering Physics & Instrumentation, any other relevant specialization in B.E./B.Tech./M.Sc.
14.	**National Centre for Disaster Mitigation and Management**	**Earthquake Engineering**	B.E./B.Tech. in Civil Engineering, Structural Engineering, Civil Engineering and Planning, Civil Technology, Civil and Infrastructure Engineering
15.	**Metallurgical and Materials Engineering**	**Materials Engineering**	B.E./B.Tech. degree in Engineering / AMIE in any discipline or a Master's degree (M.Sc.) in any discipline
16.	**Materials Research Centre**	**Semiconductor Material & Devices**	B.E./ B. Tech in Electronics and Communication Engineering/ Electronics and Instrumentation Engineering/ Electronics and Telecom Engineering/ Electronics Science and Engineering/Semiconductor Engineering/ Instrumentation Engineering/ Microelectronics Engineering/Instrumentation and Control Engineering/ Electrical Engineering/ Mechanical Engineering/Materials Engineering/Materials Science and Engineering/ Metallurgical and Materials Engineering/ Metallurgical Engineering and Materials Science/ Metallurgical Engineering/Chemical Engineering/ Nanotechnology/Nanoscience and Technology. or

			M.Sc. in Physics/ Applied Physics/ Chemistry/ Applied Chemistry/ Chemical Sciences/Materials Science/ Nanotechnology/ Nanoscience/ Electronics.

13. MINIMUM QUALIFICATION(S) FOR ADMISSION TO M.TECH./M.PLAN. (SELF-FINANCED) (FULL TIME WITHOUT ASSISTANTSHIP)

Table 8. Minimum Educational Qualification for M.Tech./M.Plan. (Self-Financed) (Full Time Without Assistantship)

S. No.	Academic Department	Post Graduate Programme	Minimum Educational Qualification
1.	**Architecture and Planning**	**Urban Planning**	B.Arch., B.Plan., Bachelor in Town Planning, Bachelor in Transportation Planning ,Bachelor in Urban Planning, Bachelor in Town & Country Planning, B.E or B.Tech. in Civil Engineering, B.E or B.Tech. in Environmental Engineering, B.E or B.Tech. in Construction Engineering., B.E or B.Tech. in Construction Technology.
2.	**Civil Engineering**	**Environmental Engineering**	B.E./B.Tech. in Agriculture Engg., Biotech Engg., Biotechnology, Chemical Engg., Civil Engg., Civil Environmental, Computer Technology, Mechanical Engg., Biotechnology & Biochemical Engg., Chemical Technology, Civil Engg. & Planning, Civil Technology, Environmental & Pollution Control, Environmental Science & Engg./Technology.
3.	**Civil Engineering**	**Structural Engineering**	B.E./B.Tech. in Building& Construction Tech., Civil Engg., Construction Engg., Construction Technology Structural Engg., Applied Mechanics, Civil Engg. & Planning, Civil Technology, Computer Aided Design of Structures.
4.	**Civil Engineering**	**Transportation Engineering**	B.E./B.Tech. in Civil Engg., Construction Engg., Construction Technology, Highway Engg., Transportation Engg., Transportation & Urban Planning , Civil Engineering & Planning, Civil Technology.
5.	**Civil Engineering**	**Water Resource Engineering**	B.E./B.Tech. in Agriculture Engg., Civil Engg., Irrigation Engg., Water Management, Civil Engg. & Planning, Civil Technology.
6.	**Chemical Engineering**	**Chemical Engineering and Sustainability**	B.E./B.Tech. degree in Engineering / AMIE in any discipline or a Master's degree (M.Sc.) in any discipline
7.	**Electrical Engineering**	**Power Electronics & Drives**	B.E/B.Tech in Electrical Engineering/ Electrical and Electronics Engineering.
8.	**Electrical Engineering**	**Power Systems Management**	B.E/B.Tech in Electrical Engineering/ Electrical and Electronics Engineering.
9.	**Electrical Engineering**	**Power Systems**	B.E/B.Tech in Electrical Engineering/ Electrical and Electronics Engineering.
10.	**Electronics & Communication Engineering**	**Embedded Systems**	B.E./B.Tech. in Electronics & Communication Engg. Electronics and Instrumentation Engg., Electronics and Telecom Engg, Electronics Engg ,Telecommunication Engg., Applied Electronics

			Telecommunication Engg, Communication Engg., Computer and Communication Engg., Electronics and Computer Engg., Electronic and Electrical Communication Engg, Electronics Design Technology, Electronics Science and Engg., Information & Comm. Technology, VLSI System Design, Computer Science and Information Technology, Data Science & Artificial Intelligence.
11.	**Electronics & Communication Engineering**	**Electronics & Communication Engineering**	B.E./B.Tech. in Electronics & Communication Engg. Electronics and Instrumentation Engg., Electronics and Telecom Engg, Electronics Engg ,Telecommunication Engg, Applied Electronics Telecommunication Engg, Communication Engg Computer and Communication Engg., Electronics and Computer Engg., Electronic and Electrical Communication Engg, Electronics Design Technology. Electronics Science and Engg. **,** Information & Comm. Technology.
12.	**Electronics & Communication Engineering**	**VLSI Design**	B.E./B.Tech. in Electronics & Communication Engg. Electronics and Instrumentation Engg., Electronics and Telecom Engg, Electronics Engg ,Telecommunication Engg., Applied Electronics Telecommunication Engg, Communication Engg**.,** Computer and Communication Engg., Electronics and Computer Engg., Electronic and Electrical Communication Engg, Electronics Design Technology. Electronics Science and Engg.**,** Information & Comm. Technology, VLSI System Design.
13.	**Mechanical Engineering**	**Design Engineering**	A Bachelor's degree in Engineering/Technology in Mechanical En gineering, Aerospace Engineering, Aeronautical Engineering, Automotive Engineering, Automobile Engineering, P roduction Engineering, Civil Engineering.
14.	**Mechanical Engineering**	**Thermal Engineering**	A Bachelor's degree in Engineering/Technology in Mechanical Engineering, Aerospace Engineering, Automotive Engineering, Automobile Engineering, Energy Engineering, Chemical Engineering, Agricultural Engineering, Metallurgical Engineering.
15.	**Mechanical Engineering**	**Industrial Engineering**	A Bachelor's degree in Engineering/Technology in Mechanical Engineering, Agricultural Engineering, Mathematics, Civil Engineering, Mining Engineering, Chemical Engineering, Computer Science & Information Technology, Data Science & Artificial Intelligence, Electrical Engineering, Production & Industrial Engineering, Statistics OR A Master's degree in any branch of Mathematics, Statistics, Computer Applications, or equivalent.
16.	**Computer Science and Engineering**	**Computer Science & Information Security**	B.E./B.Tech. in Applied Electronics & Instrumentation Engg., Computer Engg., Computer Science, Computer Science &Engg., Computer Science & Information Technology, Computer Technology, Electrical & Electronics Engg., Electrical &Instrumentation, Electrical Engg., Electrical Engg. (Power), Electrical Power Engg., Electronics & Communication Engg., Electronics & Instrumentation Engg., Electronics & Telecom Engg., Electronics Engg., Information Technology, Power Electronics, Telecommunication Engg., Applied Electronics & Telecommunication Engg., Communication Engg., Computer & Communication Engg., Computer Engg. & Application, Computer

			Networking, Computer Science & System Engg., Computer Science & Technology, Computing in Computing, Computing in Multimedia, Computing in Software, Electrical Engg. & Industrial Control, Electrical & Instrumentation Engg., Electrical & Power Engg., Electrical Instrumentation & Control Engg., Electronics Instrumentation & Control Engg., Electronics & Computer Engg., Electronics & Control Systems, Electronics & Electrical Communication Engg., Electronics & Electrical Engg., Electronics & Information Systems, Electronics & Power Engg., Electronics & Telematics Engg., Electronics Communication & Instrumentation Engg., Electronics Design Technology, Electronics Instrument & Control, Electronics Science &Engg., Industrial Electronics, Information & Comm. Technology, Information Engg., Information Science, Information Science &Engg./Technology, Software Engg., VLSI System Design
17.	**Computer Science and Engineering**	**Computer Science and Engineering**	B.E./B.Tech. in Applied Electronics & Instrumentation Engg., Computer Engg., Computer Science, Computer Science &Engg., Computer Science & Information Technology, Computer Technology, Electrical & Electronics Engg., Electrical &Instrumentation, Electrical Engg., Electrical Engg. (Power), Electrical Power Engg., Electronics & Communication Engg., Electronics & Instrumentation Engg., Electronics & Telecom Engg., Electronics Engg., Information Technology, Power Electronics, Telecommunication Engg., Applied Electronics & Telecommunication Engg., Communication Engg., Computer & Communication Engg., Computer Engg. & Application, Computer Networking, Computer Science & System Engg., Computer Science & Technology, Computing in Computing, Computing in Multimedia, Computing in Software, Electrical Engg. & Industrial Control, Electrical & Instrumentation Engg., Electrical & Power Engg., Electrical Instrumentation & Control Engg., Electronics Instrumentation & Control Engg., Electronics & Computer Engg., Electronics & Control Systems, Electronics & Electrical Communication Engg., Electronics & Electrical Engg., Electronics & Information Systems, Electronics & Power Engg., Electronics & Telematics Engg., Electronics Communication & Instrumentation Engg., Electronics Design Technology, Electronics Instrument & Control, Electronics Science &Engg., Industrial Electronics, Information & Comm. Technology, Information Engg., Information Science, Information Science &Engg./Technology, Software Engg., VLSI System Design
18.	**Centre for Energy & Environment**	**Renewable Energy**	B.E./B.Tech. in Architectural Engg., Architecture, Automobile, Biochemical, Biotech., Biotechnology, Chemical, Civil, Civil Environmental, Control & Electrical, Electrical & Electronics, Electrical & Instrumentation, Electrical, Electrical Engg. (Power), Electrical Power, Electro-chemical, Energy, Engineering Physics, Environmental, Industrial Manufacturing, Industrial & Production, Industrial, Industrial Engg. & Management, Industrial Metallurgy, Manufacturing Engg./Tech., Material Science &Engg./Tech., Mechanical Engg., Metallurgical & Materials, Metallurgical & Materials Tech., Metallurgical, Metallurgical Engg. & Material Science, Metallurgy, Power Electronics, Production & Industrial, Production, Production Engg. & Management, Renewable Energy, Chemical & Polymer, Civil Engg. & Planning, Electrical Engg. & Industrial Control, Electrical & Instrumentation, Electrical & Power, Electrical Science &Engg., Environmental Science &Engg./Tech., Material Science & Metallurgical, Mechanical & Automation, Mechanical Engg. Automobile, Power Control & Drives, Power, Solar & Alternate Energy, Energy & Environment, M. Sc in Applied Physics, Physics, Engineering

			Physics, Engineering Physics & Instrumentation, Energy Science, Data Science, Renewable Energy, Sustainable development, any other relevant specialization in B.E./B.Tech./M.Sc.
19.	**National Centre for Disaster Mitigation and Management**	**Earthquake Engineering**	B.E./B.Tech. in Civil Engineering, Structural Engineering, Civil Engineering and Planning, Civil Technology, Civil and Infrastructure Engineering
20.	**Metallurgical and Materials Engineering**	**Materials Engineering**	B.E./B.Tech. degree in Engineering / AMIE in any discipline or a Master's degree (M.Sc.) in any discipline
21.	**Materials Research Centre**	**Semiconductor Material & Devices**	B.E./ B. Tech in Electronics and Communication Engineering/ Electronics and Instrumentation Engineering/ Electronics and Telecom Engineering/ Electronics Science and Engineering/Semiconductor Engineering/ Instrumentation Engineering/ Microelectronics Engineering/Instrumentation and Control Engineering/ Electrical Engineering/ Mechanical Engineering/Materials Engineering/Materials Science and Engineering/ Metallurgical and Materials Engineering/ Metallurgical Engineering and Materials Science/ Metallurgical Engineering/Chemical Engineering/ Nanotechnology/Nanoscience and Technology. or M.Sc. in Physics/ Applied Physics/ Chemistry/ Applied Chemistry/ Chemical Sciences/Materials Science/ Nanotechnology/ Nanoscience/ Electronics.

14. SEAT MATRIX AND OTHER DETAILS

Table 9. Duration of M.Tech./M.Plan. Programme

Programme	Duration of the Programme	
	Normal duration	Maximum duration
M. Tech.	Full Time: 4 Semesters	6 Semesters
	Part Time: 6 Semesters	8 Semesters

Table 10. Seat Matrix for Sponsored M.Tech./M.Plan (Full-Time/Part-Time) Programmes (Session 2026-27)

S. No.	Programme	Full Time Sponsored	Part Time Sponsored
1.	Computer Science and Engineering	5	6
2.	Environmental Engineering	5	6
3.	Structural Engineering	5	6
4.	Transportation Engineering	5	6
5.	Water Resources Engineering	5	6
6.	Electronics & Communication Engineering	5	6
7.	Industrial Engineering	5	6
8.	Power Systems	5	6
9.	Power Systems Management	5	6

10.	Urban Planning	5	6
11.	VLSI Design	5	6
12.	Renewable Energy	5	6
13.	Earthquake Engineering	5	6
14.	Semiconductor Material & Devices	5	6
15.	Chemical Engineering and Sustainability	5	6
16.	Materials Engineering	5	6

Table 11. Basis for Selection to Postgraduate Programmes

Category	Basis for Selection
M. Tech./M.Plan (Sponsored Full-Time/Sponsored Part-Time)	Experience, merit of qualifying examination (Written Test Only)
M.Tech./M.Plan (Self-Financed)	Written Test Only (100% weightage)

Table 12. Seat Matrix for M.Tech./M.Plan (Self-Financed) Category (Session 2026-27)

Department	Programme	OPEN	OBC	SC	ST	EWS	OPEN-PwD	OBC-PwD	SC-PwD	ST-PwD	EWS-PwD	Total
Department of Architecture & Planning	Urban Planning	3	3	1	1	1	1	0	0	0	0	**10**
Department of Civil Engineering	Environmental Engineering	4	2	2	1	1	0	0	0	0	0	**10**
	Structural Engineering	4	2	2	0	1	0	1	0	0	0	**10**
	Transportation Engineering	4	3	1	1	1	0	0	0	0	0	**10**
	Water Resources Engineering	4	2	1	1	1	0	0	1	0	0	**10**
Department of Chemical Engineering	Chemical Engineering and Sustainable Technology	4	3	1	1	1	0	0	0	0	0	**10**
Department of Computer Science & Engineering	Computer Science & Information Security	4	3	1	1	1	0	0	0	0	0	**10**
	Computer Science & Engineering	3	2	2	1	1	1	0	0	0	0	**10**
Centre for Energy & Environment	Renewable Energy	4	3	1	1	1	0	0	0	0	0	**10**
National centre for Disaster Mitigation and Manage	Earthquake Engineering	4	3	2	0	0	0	0	0	0	1	**10**
Department of Electronics &	Embedded Systems	4	3	1	1	1	0	0	0	0	0	**10**

Communication Engineering	Electronics and Communication Engineering	4	1	2	1	1	0	1	0	0	0	**10**
	VLSI Design	4	3	1	1	1	0	0	0	0	0	**10**
Department of Electrical Engineering	Power Electronics & Drives	3	3	2	0	1	1	0	0	0	0	**10**
	Power Systems Management	4	3	1	1	1	0	0	0	0	0	**10**
	Power Systems	4	2	1	1	1	0	1	0	0	0	**10**
Department of Mechanical Engineering	Design Engineering	4	3	1	1	1	0	0	0	0	0	**10**
	Industrial Engineering	3	3	2	0	1	1	0	0	0	0	**10**
	Thermal Engineering	4	2	2	1	1	0	0	0	0	0	**10**
Material Research Centre	Semiconductor Material & Devices	5	2	1	0	1	0	0	1	0	0	**10**
Department of Metallurgical & Materials Engineering	Materials Engineering	4	3	1	0	1	0	0	0	1	0	**10**
	Total Seats	**81**	**54**	**29**	**15**	**20**	**4**	**3**	**2**	**1**	**1**	**210**

15. GENERAL INFORMATION

(a) Admission will be to the first semester of the respective postgraduate programme.

(b) Admission to various PG programmes leading to M.Tech./M. Plan. degree would be based on a merit list prepared by the respective departments. The merit list will be made available on the website of the Institute. **No separate information will be sent to the candidates.**

(c) A student who is admitted and registered for a postgraduate programme at the Institute but leaves before completing or discontinued his/her studies, shall not be admitted to a programme at the same level.

(d) The institute reserves the right not to run any particular programme, if the number of students in that programme is less than the minimum number specified by the Institute at the time of admission.

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

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

(g) In matters of interpretation of the provisions or any matter not covered here in this information brochure, the decision of the Chairman, Senate shall be final and binding on both the parties.

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

Notes:

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

(2) It will entirely be the responsibility of the candidate to prove his/her eligibility in terms of minimum educational qualifications and for claiming reservation under a specific category, if any, at the time of submitting the application.

(3) The requisite certificate for SC/ST/OBC category must be submitted, along with application, in original, issued by a competent authority listed in Annexure 1, failing which the benefit of the reserved category will not be given. **The OBC/EWS certificate should have been issued after March 31, 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.**

16. 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.

17.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.

18. 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.

19. 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 for B.E./B.Tech./B.Sc./M.Sc.……degree (strike out the non-applicable ones and write in the blank if the degree is not mentioned) and the result is likely to be announced by ..... His/her conduct and character during his/her stay at the Institute/University was "GOOD".

Place: .....
Date:…….

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

ANNEXURE III

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

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

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

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

ANNEXURE IV

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

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

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

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

His/her conduct and character is good.

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

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

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

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

ANNEXURE V

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

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

The undersigned is pleased to permit Mr./Ms. ..... who is working in this organization for the last ..... years and is presently holding the rank/position of ..... for pursuing the programme (course) at MNIT Jaipur in the Department of ..... with specialization in the following areas:
1.....
2…..
3. ……
His/her conduct and character is good. We are ready to relieve him/her during study hours (usually 8-10 hours of classroom instructions in a week) to undergo the Masters' programme / (usually about 6 hours of classroom instructions in a week) to undergo the Ph.D. programme as per time-table of the Institute, which follows slot system. We understand that the duration of course work is expected to be 4semesters for Part-Time M.Tech. programme/ 5 semesters for part-time Ph.D. programme, while total duration is expected to be 3 years for part time M.Tech./ 6 years for part-time Ph.D.

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

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

ANNEXURE 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.

ANNEXURE XI

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