



# **ANNUAL REPORT & ANNUAL ACCOUNTS 2024-2025**



**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**

Papers to be laid on the  
Table of Lok / Rajya Sabha

# Annual And Audit Report (2024 - 2025)

AUTHENTICATED

शिक्षा मंत्रालय में राज्य मंत्री  
Minister of State in the  
Ministry of Education



**राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली**

**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An Autonomous Institute under the aegis of the Ministry of Education

(Shiksha Mantralaya), Govt. of India)

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## INTRODUCTION

The National Institute of Technology Delhi (NIT Delhi) is an Institute of National Importance, established in 2010 by the Ministry of Education, Government of India. As one of the 31 prestigious NITs across the country, NIT Delhi is committed to providing high quality technical education and fostering cutting edge research in engineering, science, and technology. The institute offers undergraduate, postgraduate, and doctoral programs and aims to nurture innovation, interdisciplinary collaboration, and entrepreneurial spirit among students. Strategically located in the capital city, NIT Delhi aspires to contribute meaningfully to national development by producing technically skilled, ethically strong, and socially responsible professionals.

### VISION

Committed to holistic development of Lives and Society by imparting Knowledge of Science and Technology and Crystallizing the future.

### MISSION

Application of Knowledge through learning and inculcating Research Oriented mindset towards Design and Innovative Development for Realistic Societal Solutions.

### QUALITY POLICY

- To create an environment for holistic learning and development.
- To provide academic excellence, good governance, teamwork, spirit towards the development of responsible citizen.
- To provide opportunities for Research, Innovation, Creativity initiatives to reflect high level of Intellectual Professionalism towards achieving Excellence.
- To provide infrastructure and facilities benchmarked to reflect the High Standard and Latest Technology.
- To provide state-of-the-art laboratories with latest Equipment and Instruments.
- To provide the highest level of cleanliness, hygiene, safety, discipline environmental consciousness in the institute.



## ABOUT US

### HISTORICAL BACKGROUND

- National Institute of Technology Delhi (NIT Delhi) was created in 2010 through an Act of Parliament as one of India's 31 National Institutes of Technology, granting it the status of an Institute of National Importance. The inaugural B.Tech cohort (CSE, ECE, EEE) was admitted for the 2010-11 session while the institute operated under the mentorship of NIT Warangal. Academic activities began on that campus and then shifted to a temporary site in Dwarka, New Delhi (June 2012). A second interim move took place in February 2014 to the IAMR campus, Narela. Full operations started from the purpose-built permanent campus on GT Karnal Road, Narela, in February 2022.
- National Institute of Technology ranked **45<sup>th</sup>** in **NIRF** ranking **2024**.

### LOCATION

The permanent campus of NIT Delhi lies on Plot FA-7, Zone P-1, National Highway 44 (GT Karnal Road) in the Narela sub-city of North Delhi (PIN 110036). The location places the institute on the northern edge of the National Capital Region, directly fronting the arterial NH-44 corridor and within easy reach of the Delhi Metro's Yellow Line (Samaypur Badli station followed by a short road link). The Delhi Development Authority transferred 51 acres for the institute, giving it ample space for academic, residential and recreational growth while remaining well connected to the capital's core.

### CAMPUS

Campus development is being executed in stages. Phase-1A comprising a Mini-Campus, a dedicated Start-up Centre and the Administrative Block, has been completed and now houses classrooms, laboratories, incubation suites and core offices. Phase 1B is under way and will deliver a central academic building, an 800-seat hostel, staff quarters and the Director's residence, consolidating all departments and expanding residential capacity. Beyond the bricks and mortar, the campus already supports a fully automated RFID-enabled central library (relocated to the permanent site in 2022), a high-bandwidth computer centre, Wi-Fi-enabled hostels, health and guest-house facilities, and extensive sports infrastructure for cricket, football, basketball, volleyball, badminton and indoor games. Regular technical, cultural and sports festivals, such as the annual sports meet ZEAL, add vibrancy to student life and complement the institute's growing research and innovation ecosystem.



## ADMINISTRATION

### Chairperson



**Shri C.K. Birla**

Chairman, C.K. Birla Group, New Delhi

### Members



**Prof. (Dr.) Ajay Kumar Sharma**

Director, NIT Delhi.



Nominee of the Ministry of Education, Govt. of India dealing with Technical Education **Ms. Saumya Gupta**, Joint Secretary (NITs), Department of Higher Education, Ministry of Education, Government of India, Shastri Bhawan, New Delhi



Nominee of the Ministry of Education, Govt. of India dealing with Finance **Sh. Sanjog Kapoor**, Joint Secretary (NITs) and Financial Advisor Integrated Finance Bureau Ministry of Education, Government of India, 120-C, Shastri Bhawan, New Delhi-110001



**Prof. (Dr.) T.R Sreekrishnan**

Department of Biochemical Engineering and  
Biotechnology IIT Delhi



**Prof. (Dr.) Geeta Sikka**

Dean (Academic)



**Dr. V. S. Pandey**

Dean (Student Welfare)



**Prof. (Dr.) Hitesh Sharma**

Registrar, NIT Delhi.

NIT Delhi is an autonomous organization of Government of India. The Director is the principal academic and executive officer of the Institute and is responsible for the proper administration of the Institute and for the imparting of instruction and maintenance of discipline therein. He is assisted in his day-to-day, Registrar, Deans, Associate Deans and senior faculty of the Institute. The senior members of the Administration during the period from April 1, 2024 to March 31, 2025 are as follows.



## DEANS & ASSOCIATE DEANS



**Prof. (Dr.) Geeta Sikka**  
Dean (Academic)



**Prof. (Dr.) Obbu Chandra Sekhar**  
Dean (Planning and Development)



**Prof. (Dr.) Ujjwal Kumar Kalla**  
Dean (Startup & IPR)



**Prof. (Dr.) Manoj Kumar**  
Dean (Faculty Welfare)



**Prof. (Dr.) Jyoteesh Malhotra**  
Dean (Research and Consultancy)



**Dr. V. S. Pandey**  
Dean (Student Welfare)



**Dr. Amit Mahajan**  
Associate Dean (Academics)



**Dr. Ankur**  
Associate Dean  
(Planning and Development)



**Dr. Manisha Bharti**  
Associate Dean (Student Welfare)



**Dr. Rikmantra Basu**

Associate Dean (Faculty Welfare)



**Dr. Anuj Kumar Sharma**

Associate Dean  
(Research and Consultancy)



**Dr. Manoj Kumawat**

Associate Dean (Startup & IPR)



**Dr. Kapil Kumar**

Associate Dean (International Affairs & Outreach)



## RANKING

### International Ranking

THE World University Rankings(2025)	- 1201-1500 globally
THE Subject-Computer Science(2025)	- 801 globally
THE Subject- Engineering(2025)	- 1001 globally
Scimago(2025)	- 4019 globally
Webometrics(2024)	- 7614 globally
EduRank Overall	- 315 (India) / 5879 (World)

### National Ranking

Agency	Rank	Type
NIRF (Engineering) 2024	45th	National
Outlook (Govt. Engg.) (2024-25)	25th	National
India Today (Govt. Engg. Colleges) 2024	18th	National
India Today (B.Tech) (2025)	21st	National
IIRF(Engineering) (2024)	32nd	National



## ACADEMIC PROGRAMMES

In addition to bachelor's programmes in Engineering, institute also offers Master's and Doctorate programmes in engineering, Humanities and Management and Sciences. The academic programmes offered by the institute are listed below.

1. Bachelor of Technology (B.Tech)
2. Master of Technology (Regular)
3. Doctor of Philosophy (Ph.D)

### Undergraduate Programmes

#### Bachelor of Technology (B Tech)

Duration: 4 Years

1. Aerospace Engineering
2. Artificial Intelligence & Data Sciences
3. Civil Engineering
4. Computer Sciences and Engineering
5. Electronics and Communication Engineering
6. Electrical Engineering
7. Mechanical Engineering
8. VLSI Design and Technology

### Post graduate and Research Programme

#### Master of Technology (M. Tech)

Duration: 2 Years

1. Computer Sciences and Engineering
2. Computer Science and Engineering (Analytics)
3. Electronics and Communication Engineering
4. VLSI
5. Power & Energy Systems
6. Power Electronics and Drives
7. Civil and Infrastructure Engineering
8. CAD/CAM
9. Mathematics & Computing

### Doctorate Programmes

The Institute offers research opportunities for doctoral research in all its Departments. The award of Ph.D is in recognition of high achievements, independent research and application of scientific knowledge to the solution of technical and scientific problems.



## NITD AT A GLANCE

### On Roll

Total Students on Roll - **1809**  
UG Students on Roll - **1247**  
PG Students on Roll - **301**  
Research Scholars on Roll - **261**  
Female Students on Roll - **433**

### Admission

Total Admissions - **491**  
UG Admissions - **356**  
PG Admissions - **73**  
Research Scholars Admissions- **62**  
Female Students Admissions - **121**

### Degree Awarded

<b>183</b>	B.Tech
<b>151</b>	M.Tech
<b>26</b>	Ph.D

### Placements

Number of Job offers - **420**  
UG Students Placed - **151**  
Double Job offers - **109**  
PG Students Placed - **107**  
Maximum Package - **58.5 LPA**



## ACADEMICS

- 2.1 Courses offered
- 2.2 Admission Procedure
- 2.3 Rules and Regulation for B.Tech Programmes
- 2.4 Admission Statistics-UG/PG Programmes
- 2.5 Scholarships
- 2.6 Training and Placement





## 2.1 Courses offered

### 1) Undergraduate Programmes

#### 1.1) Four Year B.Tech Programmes

- Computer Sciences and Engineering
  - Computer Sciences and Engineering
  - Artificial Intelligence & Data Science
- Electronics and Communication Engineering
  - VLSI Design and Technology
  - Electronics and Communication Engineering
- Electrical Engineering
- Mechanical and Aerospace Engineering
  - Mechanical Engineering
  - Aerospace Engineering
- Civil Engineering

### 2) Post Graduate Programme

#### 2.1) Two-year regular M.Tech Programmes

- Computer Sciences and Engineering
  - Computer Sciences and Engineering
  - Computer Sciences and Engineering (Analytics)
- Electronics and Communication Engineering
  - Electronics and Communication Engineering
  - Electronics and Communication Engineering (VLSI)
- Electrical Engineering
  - Power and Energy Systems
  - Power Electronics and Drives
- Civil Engineering
  - Civil and Infrastructure Engineering
- Mechanical and Aerospace Engineering
  - CAD/CAM
- Applied Sciences, Humanities and Management
  - Mathematics and Computing

## 2.2 Admission Procedure

### 1) Undergraduate Programme

**B. Tech** – Admissions to the B.Tech programme are conducted through JoSAA/CSAB and DASA. Candidates seeking admission via JoSAA/CSAB are selected based on their merit in the JEE (Main) examination. The reservation policy



and seat matrix are determined in accordance with the guidelines issued by the Ministry of Education (MoE)/ Institute.

## 2) Post Graduate Programme

**M.Tech (Regular)** – Admission to the regular M.Tech programmes is based on the performance in the Graduate Aptitude Test in Engineering (GATE) through the Centralized Counselling for M.Tech Admission (CCMT).

**M.Tech (SFS)** – Selection for the M.Tech Self-Financed Programme is carried out in accordance with the rules and regulations of the Institute and is strictly based on merit, determined by the CGPA/percentage obtained in the qualifying examination or performance in the Institute's internal examination.

### 2.3 Rules and Regulations for B. Tech Programmes

#### 1) Registration

Registration is an important and semester wise mandatory procedure of the academic system. The registration procedure ensures that the student's name is on the roll list of each course that he/she wants to study. No credit is given if the student attends a course for which he/she has not registered.

Every student must register to the ERP portal online at the commencement of each semester on the day(s) fixed for & notified in the Academic calendar and also circulated by the Academics Section before the commencement of each semester.

- Registration for all courses is online and organized centrally by the academics office/ERP office in coordination with respective academic departments.
- After registration in each semester, each student should submit a copy of the registration form (self attested) along with a copy of fee receipt (duly verified by Accounts section) to the concerned office of Head of the Departments, which indicates the courses registered by him/her in that semester. Otherwise, registration will not be considered complete.
- Registration by a student confirms his/her status as a student at the Institute. Failure to register before the last date for registration (as per the Academic Calendar of that particular session) will imply that the student has discontinued studies and his/her name will be struck-off from the rolls for that semester.
- Every registered student is considered as a full-time student of the institute. They are expected to be present at the Institute and devote full time to academics.
- A student must register a fresh course in study mode only. In case of backlog course with F or I grade, the student has to register in examination mode.
- Study Mode: In case, a student registers a course in study mode, he/she must fulfill all the attendance requirements and he/she will be evaluated for continuous evaluation, mid semester examination and end semester examination (as per assessment of academic performance given in Rule 11).
- Examination Mode: In case, a student registers a course in examination mode, there will be no attendance requirement and the student is eligible for end semester examination only. In such cases, student securing 30% or more marks in end semester examination shall be awarded only "D" grade otherwise "F" grade will be awarded.

#### 1.1) Procedure of Registration

Fee Payment Link to be provided to the eligible students by Accounts Section => Fee Payment by the eligible students => Fee Verification by the Accounts Section => Registration link will be provided to the eligible students by the Academics Section => Registration by the eligible students.

#### 1.2) Advice on Courses



At the time of registration, each student must consult his/her Academic Counselor/Head of the Department, to finalize the academic programme, keeping in view factors, such as, minimum/maximum numbers of total and lecture credits, past performance, backlog of courses, CGPA, pre-requisite workload & student's interests, amongst others.

### **1.3) Registration Validation**

Before the first day of classes, every student is required to be present on campus and validate his/her registration. The updated registration record will be available with the department and the copy will be available with the programme coordinator. After registration in each semester, each student should submit a copy of the registration form (self-attested) along with a copy of fee receipt (duly verified by Accounts section) to the concerned office of Head of the Departments, which indicates the courses registered by him/her in that semester. Otherwise, registration will not be considered complete.

### **1.4) Late Registration**

Late registration is permitted under special circumstances only, up to the deadline (Registration with Late Fees) mentioned as per the academic calendar with the permission of Dean (Academic) on the recommendation of respective Head of the Departments (HOD) with payment of late registration fees. No request for registration will be entertained after the last date of registration (with late fee) mentioned in academic calendar / or notified by the academic office, under any circumstances.

### **1.5) Registration and Fees Payment**

Every registered student must pay the stipulated fees in full before the specified deadlines. The student must pay the fee prescribed for each course registered in study mode and examination mode. In the event that a student does not make these payments, he/she will be de-registered from all courses and his/her name will be struck-off from the roll list. Kindly note, within the deadline of registration, student has to submit the online generated registration form (Self attested) along with the fee receipt (verified by Accounts section in support of his/her fee submission) to the office of concerned Head of the Departments, otherwise registration will not be considered complete. The detailed fee structure based on the year of first registration/ admission is provided in the Institute website ([www.nitdelhi.ac.in](http://www.nitdelhi.ac.in)) (Website Academics =>Academics Services =>Fee Structure).

### **1.6) Registration Record**

In addition to web-based entries related to registration, the student should ensure that the same are entered on the Registration Record. Queries related to registration will be considered only accompanied by the original Registration Record. This record must be preserved until the student receives the semester grade card

### **1.7) Provision for Re-Registration of Student who did not register in a Semester**

If a student fails to register in a semester within the stipulated time mentioned in the academic calendar and subsequently, he/she is intended to register in any of the coming semester, the competent authority subject to following conditions may consider his/her request for registration-

- He/she will have to pay the registration fee, tuition fee etc. in all the previous semesters for which he/she remained absent without any valid permission.
- In addition to above, he/she will have to pay a penalty of Rs. 10, 000 per semester in all the previous semesters for which he/she remained absent without any valid permission.
- No registration in between the semester will be allowed and will only be followed according to the dates mentioned for registration in Academic calendar.
- In case of such absence without prior approval, the rule for minimum period required (according to regulations) to confront student's degree, shall not be violated.



- No request by the student in such cases for special examinations/ any alternations etc. will be entertained, under any circumstances.

### **1.8) Change of Branch**

With the implementation of NEP 2020 & provision of Minor Degree program, the provision of change of branch has been withdrawn w.e.f. AY 2022-23.

### **1.9) Attendance Rules**

Following are the mandatory rules relating to attendance requirements-

- Every student is expected to have 100% attendance in each course in which he/she is registered for study mode.
- All students must attend every lecture, tutorial and practical classes. However, to account for late registration or medical/health reasons or other such contingencies, the attendance requirement will be a minimum of 75 % from the commencement of classes till last teaching day.
- If a student has less than 75% attendance in a course during the semester, he/she will not be allowed for end-semester examination & 'F' grade will be given in that course.
- To promote extra-academic/ extra-curricular activities, attendance of maximum 5 working days will be relaxed for those students who are officially representing NIT Delhi in cultural/sports/academic events, organized at National and International levels with prior approval of the Institute only.
- For such cases as mentioned above, students have to take prior approval from concerned section/ competent authority and subsequently submit the approval to the office of concerned HoDs/ course instructors to receive such attendance immediately after joining the Institute after availing such leave.
- Attendance record will be maintained by each course instructor in every scheduled lecture, tutorial and practical classes. The programme coordinator will maintain and consolidate attendance record for the course in hard copy and through online (ERP) system as well.
- Attendance of students in every course will be visible through student's IMS (ERP) account and students are advised to observe the status of their attendance record in every course on regular basis.
- Before the end semester examination, office of Academics will release the list of students having less than 75 % attendance, based on the data received from all the departments in various courses, who will not be allowed to appear in the end semester examination.
- Marks will be awarded in subsequent slabs of having attendance (details provided in rule no. 11).

### **1.10) Absence during Semester**

- A student must inform to the HOD office immediately of any instance of continuous absence from classes.
- A student who has been absent from mid semester examination due to illness should approach the programme coordinator for a re-mid examination, immediately on return to class. The request (in a proper format) should be supported with all valid medical documents certified by institute's medical officer/discharge certificate & summary report.
- In case of absence on medical grounds or other special circumstances, before or during the end semester examination period, the student can apply for I-grade. 75% attendance in a course is necessary for being eligible for an I-grade in that course. An application requesting, I-grade should be made at the earliest but not later than one week before the commencement of end semester examinations. The application should be written to the Head of the Department of the student's programme who will grant approval depending on the merit of the case and inform the programme coordinator and Dean Academics office.



- If any student is absent for 1 to 15 days without obtaining any prior and proper approval/ sanction of leave from the Head of the Department, then it will be treated as an act of indiscipline.
- If any student is absent for 16 or more than 16 days without obtaining any prior and proper approval/ sanction of leave from the Head of the Department, then a warning letter (through email and hard copy to be sent to student's permanent address mentioned in his/ her registration form) shall be issued by the concerned department and if he/she will not respond in written against that warning letter within five (5) working days then the process of cancellation of registration of that student shall be initiated by the Office of Academics based on the subsequent recommendations from office DAC-UG and office of Head of that concerned department.
- In case the period of absence on medical grounds is more than 20 working days during the semester, a student may apply for withdrawal from the semester, i.e., withdrawal from all courses registered in that semester. Such application must be made as early as possible and latest before the last teaching day. No applications for semester withdrawal will be considered after the last teaching day. The Dean (Academics) depending on the merit of the case will approve such applications. Partial withdrawal from courses registered in a semester is not allowed.
- If a student is continuously absent from the institute for more than 20 working days without notifying the Dean (Academics) through concerned Head of the Departments, his/her registration will be automatically cancelled for that semester.

### **1.11) Adding and Dropping/Withdrawal of Course(s)**

The addition & dropping/withdrawal of course may be accomplished subject to following conditions-

- The choice of elective/ open elective courses will be based on the pre-registration basis, which has to be completed well in advance before the semester registration.
- There may be a provision for adding/ dropping/ switching of elective/ open elective courses within 2 weeks of commencement of semester only, with the concerned from department. After that no such above modification will be entertained.
- There may be a minimum of 10 students in the class to conduct any elective courses. However, Head of the Department may be empowered to take the final call based on the need and situation.
- There may be a minimum 10 students (from other department) to conduct any open elective course. However, Head of the Department may be empowered to take the final call based on the need and situation.
- The "W" grade is awarded in a course where the student has opted to withdraw from the course.
- In case of switching of courses, the attendance shall be transferred among the faculty members.



## 2.4 Admission Statistics – UG/PG Programmes

### 1) Admission Statistics – UG, PG Programmes

Students Intake 2024-25													
	Total Sanctioned Intake of Students at UG/PG level (Category wise)						Total Actual Admission at UG/PG Level (Category wise)						
Category	Gen	SC	ST	OBC	EWS	TOTAL	Gen	SC	ST	OBC	EWS	PwD	TOTAL
UG	150	56	29	101	38	374	104	54	29	106	51	12	<b>356</b>
PG*	40	15	8	27	10	100	20	13	4	25	11	0	<b>73</b>
<b>Total</b>	<b>190</b>	<b>71</b>	<b>37</b>	<b>128</b>	<b>48</b>	<b>474</b>	<b>124</b>	<b>67</b>	<b>33</b>	<b>131</b>	<b>62</b>	<b>12</b>	<b>429</b>

\*CCMT student's intake and actual admission through CCMT

### 2) Courses and Admission

Name of Programme	Batch Year	Actual number of Students (FT)	Male	Female
B. Tech	2024	356 (JoSAA/CSAB), 32 DASA	297 (277 - JoSAA/CSAB, 20 - DASA)	91 (79 - JoSAA/CSAB, 12 - DASA)
M. Tech	2024	146 (73 CCMT, 73 SFS)	101 (CCMT-52, SFS-49)	45 (CCMT-21, SFS-24)

### 3) B.Tech 2024 Batch

S. No	Branch	Sanctioned/Intake	Admitted	Enrolled		Open		SC		ST		OBC		EWS		PwD
				M	F	M	F	M	F	M	F	M	F			
1	<b>Computer Science and Engineering</b>	120	119	95	24	28	8	13	3	6	3	31	5	14	3	5 (1 (Gen-F) 1 (Gen-M) 1 (EWS-M) 1 (OBC-F) 1 (SC-M))
2	<b>Electronics and Communication Engineering</b>	20	59	45	14	11	5	7	2	2	3	14	2	10	1	2 (1 (Gen-M) 1 (OBC-F))
3	<b>Electrical Engineering</b>	60	57	45	12	15	4	6	2	4	1	12	4	6	1	2 (1 (OBC-M) 1 (SC-M))
4	<b>Mechanical Engineering</b>	40	36	28	8	9	2	5	1	2	1	7	4	4	0	1 (Gen-M)
5	<b>Artificial Intelligence &amp; Data Sciences</b>	20	19	15	4	3	2	3	0	1	0	4	2	3	0	1 (Gen-M)
6	<b>Civil Engineering</b>	25	20	16	4	4	1	3	1	2	0	6	1	1	1	0
7	<b>Aerospace Engineering</b>	24	22	16	6	2	2	3	1	2	0	7	1	2	2	0



8	<b>VLSI Design and Technology</b>	25	24	17	7	6	2	3	1	0	2	5	1	2	1	1 (Gen-M)
		<b>374</b>	<b>356</b>	<b>277</b>	<b>79</b>	<b>78</b>	<b>26</b>	<b>43</b>	<b>11</b>	<b>19</b>	<b>10</b>	<b>86</b>	<b>20</b>	<b>42</b>	<b>9</b>	<b>12</b>

\*M-Male, \*F-Female

#### 4) M.Tech (CCMT)

S.No	M.Tech Admission through CCMT – 2024 Branch	Sanctioned/ Intake	Admitted	Enrolled		Gen		SC		ST		OBC		EWS	
				M	F	M	F	M	F	M	F	M	F	M	F
1	<b>Civil and Infrastructure Engineering</b>	6	6	5	1	1	0	1	0	0	1	1	0	2	0
2	<b>CAD/CAM</b>	9	4	3	1	1	1	2	0	0	0	0	0	0	0
3	<b>Computer Science and Engineering</b>	15	13	11	2	3	0	2	0	1	1	5	0	0	1
4	<b>Computer Science and Engineering – Analytics</b>	15	13	10	3	5	1	1	0	0	0	4	0	0	2
5	<b>Electronics and Communication Engineering</b>	10	9	6	3	1	0	1	1	0	0	3	0	1	2
6	<b>Electronics and Communication Engineering (VLSI)</b>	15	14	7	7	2	2	1	1	0	0	4	2	0	2
7	<b>Mathematics &amp; Computing</b>	8	6	5	1	3	0	1	0	0	0	1	0	0	1
8	<b>Power &amp; Energy System</b>	6	2	2	0	0	0	1	0	0	0	1	0	0	0
9	<b>Power Electronics and Drives</b>	10	6	3	3	0	0	1	0	0	1	2	2	0	0
10	<b>Industrial Chemistry</b>	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Total</b>	<b>100</b>	<b>73</b>	<b>52</b>	<b>21</b>	<b>16</b>	<b>4</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>21</b>	<b>4</b>	<b>3</b>	<b>8</b>

\*M-Male, \*F-Female \*No PwD



### 5) Ph.D 2024-25 Batch

		Enrolled		Gen		SC		ST		OBC		EWS		Total	
S. No.	Branch	Part-Time	Full-Time	M	F	M	F	M	F	M	F	M	F	M	F
1	<b>Computer Science and Engineering</b>	1	9	3	4	1	1	1	0	0	0	0	0	5	5
2	<b>Electronics and Communication Engineering</b>	9	6	8	3	2	0	0	0	1	1	0	0	11	4
3	<b>Electrical Engineering</b>	1	5	2	0	0	0	0	0	2	1	1	0	5	1
4	<b>Mechanical Engineering</b>	3	5	5	0	0	0	0	0	3	0	0	0	8	0
5	<b>Civil Engineering</b>	1	4	3	0	2	0	0	0	0	0	0	0	5	0
6	<b>Applied Science</b>	0	18	5	10	0	0	0	0	0	1	2	0	7	11
	<b>Total</b>	<b>15</b>	<b>47</b>	<b>26</b>	<b>17</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>41</b>	<b>21</b>

\*M-Male, \*F-Female

### 2.5 Scholarships

#### List of available scholarship for students of NITD (benefited during Academic Year 2024-25)

##### Central Schemes-

S.No.	Name of Scholarships	Provided by	Number of Beneficiaries
1	Central Sector Scholarship Of Top Class Education For SC Students	Ministry of Social Justice and Empowerment	28
2	PM Yasasvi Central Sector Scheme Of Top Class Education In College For OBC, EBC And DNT Students	Ministry of Social Justice & Empowerment	99
3	Prime Minister's Scholarship Scheme For Central Armed Police Forces And Assam Rifles	Ministry of Home Affairs	08
4	National Fellowship And Scholarship For Higher Education Of ST Students - Scholarship (Formally Top Class Education For Schedule Tribe Students)	Ministry of Tribal Affairs	28
5	Central Sector Scheme of Scholarship For College And University Students	Ministry of Education, Department of Higher Education	12



6	Scholarship For Top Class Education For Students With Disabilities	Ministry of Social Justice & Empowerment, Department of Empowerment of Persons with Disabilities (Divyangjan)	06
7	Post Matric Scholarship For Students With Disabilities	Ministry of Social Justice & Empowerment, Department of Empowerment of Persons with Disabilities (Divyangjan)	01
8	National Scholarship For Post Graduate Studies	Ministry of Education, Department of Higher Education	11

#### State Schemes-

S.No.	Name of Scholarships	Provided by	Number of beneficiaries
1	Post-Matric Scholarship For SC Students-Uttarakhand	Department Of Social Justice & Empowerment	01
2	Post Matric Scholarship For ST Students-Manipur	Ministry Of Tribal Affairs	01
3	Post Matric Scholarship For OBC Students - Tripura	Department Of Social Justice & Empowerment	01
4	PM USP Special Scholarship Scheme For Jammu Kashmir And Ladakh	All India Council For Technical Education	01
5	Mukhyamantri Medhavi Vidhyarthi Yojna	Directorate Of Technical Education, Bhopal (M.P.)	01
6	Post Matric (Outside The State)	Department Of Scheduled Tribe, Scheduled Caste, Minority And Backward Class Welfare, Govt. of Jharkhand	03

#### Other Scholarships-

S.No.	Name of Scholarship	Provided by	Number of beneficiaries
1	ONGC Scholarship	ONGC Foundation	06
2	Reliance Foundation Scholarship	Reliance Foundation	01
3	Student Benefit Fund (SBF)	Indian Railways	01
4	Rajasthan Police Benevolent Fund	Government of Rajasthan	01
5	IAF Benevolent Association's Subroto Memorial Scholarship Scheme	Indian Air Force Benevolent Association (IAFBA)	01



6	Foundation for Academic Excellence and Access (FAEA Scholarship)	FAEA	02
7	Visakhapatnam Port Employees' (Welfare Fund)	Visakhapatnam Port Authority	01

## 2.6 Training and Placement

The Centre of Training and Placement is being looked after by the following faculty-

S. No	Name	Designation	Qualification
1.	Prof. (Dr.) Obbu Chandra Sekhar	Professor	Ph.D
2.	Dr. Gautam Kumar	Assistant Professor	Ph.D

### 1) Placement Of Final Year Students 2024-25

Placement interviews were arranged for the final year Students. About 100+ reputed recruiters belonging to IT, Core, Consulting, PSUs etc. spread across the country hired final year students as Graduate Engineering Trainee, Associate Software Engineer, Software Development Engineer, Associate Consultants, Data Analysts/ Management Trainees. The Placement details for the 2024-25 session are given below.

#### UG Students Placement Details - 2024-25 Session

Discipline	No. of Eligible Students	No. of Job Offers	No. of Double Job offers	No. of Students Placed	Maximum Package Lac Per Annum	Average Package	Percentage
CSE	68	139	43	68	52.5	18.53	100
ECE	51	67	18	35	58.5	15.24	68.62
EEE	56	84	25	48	58.5	16.30	85.71
<b>Total</b>	<b>175</b>	<b>290</b>	<b>86</b>	<b>151</b>	<b>58.5</b>	<b>17.05</b>	<b>86.285</b>

#### PG Students Placement Details - 2024-25 Session

Discipline	No. of Eligible Students	No. of Job Offers	No. of Double Job offers	No. of Students Placed	Maximum Package Lac Per Annum	Average Package	Percentage
CSE	25	25	5	19	10	7.58	76
CSEA	30	32	10	25	14.07	8.41	83.33
ECE	16	10	0	10	19.67	11.29	62.5
VLSI	29	23	0	23	23.5	14.03	79.31
EE(PED)	16	7	0	7	11.7	9.14	43.75
EE(PED)	14	12	2	10	15	9.98	71.42
CAD/CAM	15	6	0	6	8	6.88	40



MAC	8	15	6	7	8.5	7.04	87.5
<b>Total</b>	<b>153</b>	<b>130</b>	<b>23</b>	<b>107</b>	<b>23.5</b>	<b>8.84</b>	<b>63.93</b>

## 2) The List of the Recruiting Organization 2024-25

- A2NG Services
- Aakash Institute
- Abjayon Inc
- Accenture
- Achieve Academy
- Acxiom
- Aethrone Aerospace
- Airtel
- Algoritt Consulting
- Alphagrep Securities
- Ambitio
- Analog Devices
- Ansys
- Antino Labs
- APL Apollo Tubes Limited
- Apple Tree
- AppVersal
- Asahi India
- AskITians
- Asteride Technologies
- Atlas
- Aviros Deck
- Awidit Systems
- Axxela
- Bakliwal Tutorials
- Bansal Engineers Grain Milling
- Behtar Zindagi
- Bharat Electronics Limited (BEL)
- Big Oh Notation
- Biz 4 Solutions
- Blackrock
- Bluestack
- Bluestone
- Boomi
- Bosch
- Bosscoder
- Bounteous x Accolite
- BT Group
- Capgemini
- Gameskraft
- Gartner
- GeeksForGeeks
- Cashfree Payments India
- CDIL Semiconductors
- Chapter Apps
- Cimpres
- Clarity
- Cloud Photonix
- Cognizant
- College Dekho
- Convegenius
- Conviva
- Copper Pod
- Corizo Edutech
- Cred
- Cvent
- Cyber Waves
- Cyfuture
- Cyntra
- D E Shaw
- Dassault System
- Dayananda Sagar University



- Deloitte
- Dendrite.ai
- EdiGlobe
- Edustation
- Eightfold
- Emertxe Information Technologies
- Emids Technologies
- eQ Technologic
- Essenzvita Life Sciences
- Explore and Evolve
- FarMart
- FIITJEE
- Fincart
- Fischer Jordan
- FloBiz
- Fluence
- FOG
- Formi
- Fristine Infotech
- Manav Rachna Educational
- Institutions
- MAQ
- Mathworks
- Genpact
- Global Logic
- GoKapture
- Google
- Grid OS
- Growth Jockey
- GT - TECH
- Guardian India
- Healthworks AI
- HERE Technologies
- Hitachi Energy
- HPCL
- Hyundai Motor
- IBM India
- IDrive
- Infervize Home Services
- Infineon
- Infinity Learn
- InfoObjects
- Infosys
- Intel
- IntelliPaat
- ION Digital
- IREDA
- Jaro Education
- Juspay
- KIET Group of Institutions
- Kookar
- KPR Institute of Engineering and Technology
- L&T
- Lambda Test
- Languify
- LaunchEd Global
- Lokal
- Magicbricks
- Magnanimous Design Mind
- PSIT - Kanpur
- Publicis Sapiient
- Qikfox.Inc
- Qualcomm
- Radiant Techsolutions
- McKinley Rice
- MediaTek
- Meesho
- Megha Engineering Infrastructure
- Limited
- Mewar University



- Microchip Technology
- Motive India
- Multicore Ware
- MyWays Life layout
- MyWays.AI
- Naks Consulting
- Namekart
- National Australian Bank
- NavGurukul Foundation
- NeenOpal Intelligent
- Netweb Technologies
- NexTurn India
- Nokia
- Nvidia
- NX Block Trades
- NXP
- NXT Wave
- Ohmascon Private Limited
- OLX India
- Oracle
- Paanduv Applications
- Palnesto
- Pandit Deendayal Energy University
- PBL Ventures
- Pert Telecom Solutions
- Philips
- Pine Labs
- PIXII
- Planet Spark
- Predusk
- Premier Tissues India
- Techuncorked
- Tejas Technologies Limited
- Tensor Go
- Tetrahedron
- Thomson Digital
- Rapido
- Recruit CRM
- ReGraduate
- S.R. Patel Engineering College,
- Unjha
- Safe Security
- Samsung Engineering
- Samvardhana Motherson
- International Ltd.
- Schneider Electric
- SCHWING Stetter
- Seed Global Education
- Ship Global
- SHL
- Shorthills AI
- Siemens EDA
- Siemens
- Siemens Healthineers
- Siemens SPEL
- Sigmoid
- Spyne
- Spyne AI
- Sri Chaitanya Educational
- Institutions
- STMicroelectronics
- Streamsource Technologies
- Stryker
- Sunstone Education Technology
- Super 30
- Swiggy
- Talent Serve
- Tata Consulting Engineers
- TBO
- TCS INE



- Thoughtspot
- Tigris Mobility
- Tredence Analytics Solution
- Turing
- Unistring
- United Airlines
- Unthinkable Solutions LLP
- Varuna Marine Service
- Vehant Technologies
- VML
- Walnut Folks Group
- Warner Bros
- Wekitsak
- Wskill
- Winjit

- Xebo
- XenonStack
- Yamaha Motors
- Zigram
- ZL Technologies
- Zscaler
- Morgan Stanley
- Galgotias University
- PHN Technology
- Preferred Square
- Mahindra and Mahindra
- HCLTech
- Tata IMG
- Tata Power DDL
- TCS

### 3) Industrial Summer Training Of Students

#### The List of the Internship Organization 2024-25

- Tech Mahindra
- Accenture
- Unistring
- Microsoft
- ICICI Bank
- Technip Energies
- Placewit
- Asteride
- Fischer Jordan
- Infollion
- Warner Bros
- PayPal
- Convegenius



## FACULTY & STAFF

3.1 Faculty Strength

3.2 Staff Positions





### 3.1 Faculty Strength

Total Sanctioned Faculty Strength	Faculty Cadre	In Position, as of 31.03.2025 and worked during the F.Y. 2024-25						
		UR	OBC	SC	ST	EWS	PwBD	Total
87	Professor	04	00	00	00	00	01	05
	Associate Professor	14	01	02	00	00	00	17
	Assistant Professor, Grade I	05	03	03	00	00	00	11
	Assistant Professor, Grade II	05	07	03	02	00	00	17
	<b>Total</b>	<b>28</b>	<b>11</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>50</b>

### 3.2 Staff Positions

Total Sanctioned Non-Teaching positions	Non-Teaching staff	In Position, as of 31.03.2025 and worked during the F.Y. 2024-25						
		UR	OBC	SC	ST	EWS	PwBD	Total
102	Group A	07	00	00	00	00	00	07
	Group B	14	01	01	00	00	00	16 <sup>1</sup>
	Group C	22	05	02	00	02	00	31 <sup>2</sup>
	<b>Total</b>	<b>43</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>54</b>

Note-

<sup>1</sup>Two incumbents holding the post of Technical Assistant were relieved from their positions with effect from 19.07.2024 and 22.11.2024, both belonging to the Unreserved (UR) category.

<sup>2</sup>Two incumbents holding the posts of Senior Assistant and Office Attendant were relieved from their positions with effect from 19.03.2025 and 13.12.2024 respectively, both belonging to the Unreserved (UR) category.



## RESEARCH & DEVELOPMENT

- 4.1 Academic Research
- 4.2 Sponsored R&D Research Projects
- 4.3 Memorandum of Understanding MOUs
- 4.4 Notable Achievements of the Departments



### 4.1 Academic Research

The academic research carried out by the faculty and students for the Ph.D degree, the final semester major project included in the four year B.Tech. Programmes, the two year M.Tech programmes, make a significant contribution to the research output. The principal source of academic research, however, continues to be through Ph.D research projects. NIT Delhi faculty remains engaged in publishing their research results in various journals, conferences, book chapters and seminar proceedings. Some of them are listed as below.



## Selected List of Publications

### 1) Department of Applied Science, Humanities & Management

#### Journal Publications

S.No.	Author Details	Title of the Paper	Name Of the Journal	ISSN Number	DOI	Volume Number, Issue Number, Page Number	Impact Factor
1	Y. S. Dwivedi, R. Singh, A.K. Sharma, A. K. Sharma, and C. Marques	Enhanced prediction and optimization of oil-water emulsion stability through application of machine learning and explainable artificial intelligence on tilted fiber Bragg grating sensor data	IEEE Sensors Letters	2475-1472	10.1109/LS-ENS.2024.3503752	9 (1) 3500104	2.2
2	H. Tiwari, Y. S. Dwivedi, R. Singh, A. K. Sharma, A. K. Sharma, R. Krishna, N. S. Singha, Y. K. Prajapati, and C. Marques	Deep learning-enabled de-noising of fiber Bragg grating-based glucose sensor: Improving sensing accuracy of experimental data	Photonics	2304-6732	<a href="https://doi.org/10.3390/photonics11111058">https://doi.org/10.3390/photonics11111058</a>	11 1058	2.1
3	V. A. Popescu, A. K. Pandey, A. K. Sharma, R. Min, A. Leal Junior, and A. K. Sharma	High performance plasmonic sensor for detection of cortisol biomarker in near infrared with photonic spin Hall effect	IEEE Transactions on Plasma Science	1939-9375	<a href="https://doi.org/10.1109/TPS.2024.3402374">https://doi.org/10.1109/TPS.2024.3402374</a>	52 (7) 2809-17	1.3
4	J. Rana, A. K. Sharma, Y. K. Prajapati	Intervention of machine learning and explainable artificial intelligence in fiber optic sensor device data for systematic and comprehensive performance optimization	IEEE Sensors Letters	2475-1472	<a href="https://doi.org/10.1109/LSSENS.2024.34445324">https://doi.org/10.1109/LSSENS.2024.34445324</a>	8 (10) 3503004	2.2



5	S. Srivastava, R. Srivastava, D. Punetha, A. K. Sharma, Y. K. Prajapati	Enhancing the efficiency of lead free Cs <sub>2</sub> AgBiBr <sub>6</sub> based double perovskite solar cells with optimizing ETLs and HTLs using SCAPS 1D	Chemical Physics Letters	0009-2614	<a href="https://doi.org/10.1016/j.cplett.2024.141557">https://doi.org/10.1016/j.cplett.2024.141557</a>	854 141557	2.8
6	A. C. Mishra, D. K. Dwivedi, A. K. Sharma, P. Lohia, and B. Kaur	Modeling of high performance fiber optic SPR sensor for colorectal cancer detection designed using amorphous silicon and TiO <sub>2</sub> layers under optimum radiation damping	IEEE Sensors Journal	1558-1748	<a href="https://doi.org/10.1109/JSEN.2024.3427414">https://doi.org/10.1109/JSEN.2024.3427414</a>	24 (17) 27570 77	4.3
7	R. Srivastava, V. Kumar, S. Tyagi, S. Pal, A. K. Sharma, and Y. K. Prajapati	On the Feasibility of Particle Swarm Optimization Method for Inverse Design of High Performance SPR Biosensor	IEEE Sensors Journal	1558-1748	<a href="https://doi.org/10.1109/JSEN.2024.3381250">https://doi.org/10.1109/JSEN.2024.3381250</a>	24 (10) 16242 49	4.3
8	S. Chen, Z. Wang, K. Xiao, B. He, J. Zhao, X. Yang, Q. Liu, A. K. Sharma, A. Leal Junior, and R. Min	A comprehensive review of optical fiber technologies in optogenetics and their prospective developments in future clinical therapies	Optics and Laser Technology	1879-2545	<a href="https://doi.org/10.1016/j.optlastec.2024.111332">https://doi.org/10.1016/j.optlastec.2024.111332</a>	179 111332	4.6
9	A. C. Mishra, A. K. Sharma, P. Lohia, and D. K. Dwivedi	Silicon Nitride (Si <sub>3</sub> N <sub>4</sub> ) leads to enhanced performance of silica silver based plasmonic sensor for colorectal cancer detection under optimum radiation damping	Solid State Communications	1879-2766	<a href="https://doi.org/10.1016/j.ssc.2024.115533">https://doi.org/10.1016/j.ssc.2024.115533</a>	387 115533	2.1



10	Y. S. Dwivedi, R. Singh, A. K. Sharma, and A. K. Sharma	On the application of explainable AI in optimizing the performance and design of fiber optic SPR sensor	Optical Fiber Technology	1068-5200	<a href="https://doi.org/10.1016/j.yofte.2024.103801">https://doi.org/10.1016/j.yofte.2024.103801</a>	85 103801	2.6
11	R. Jangra, S. K. Mishra, and A. K. Sharma	High responsivity ultraviolet photodetectors with enhancement of optical absorption using graphene components and Al <sub>2</sub> O <sub>3</sub> layer on Si substrate	IEEE Sensors Journal	1558-1748	<a href="https://doi.org/10.1109/JSEN.2023.3347702">https://doi.org/10.1109/JSEN.2023.3347702</a>	24 (5) 6006 6013	4.3
12	A. Mahajan	Instability in an anisotropic Brinkman layer due to downward or upward throughflow and purely due to internal heat generation	Numerical Heat Transfer, Part B Fundamentals		<a href="https://doi.org/10.1080/10407790.2024.2331789">https://doi.org/10.1080/10407790.2024.2331789</a>	86(7), 2095 2110, 2024.	1.7
13	A. Liaqat, P. Kumar, V. Kumar, A. Mahajan, B.K. Sharma, R. Apsari	The significant role of Darcy Forchheimer with integrated hybrid nanoparticles (Graphene and TiO <sub>2</sub> ) on dusty nanofluid flow subjected to heat conduction	Numerical Heat Transfer, Part B-Fundamentals		<a href="https://doi.org/10.1080/10407790.2024.2345697">https://doi.org/10.1080/10407790.2024.2345697</a>	In Press, Online First	1.7
14	A. Mahajan, M. Raj	Heat transfer in an internally heated porous box shaped container with variable gravity field	Heat Transfer			In Press, Online First	2.8
15	A. Mahajan, M. Raj	The impact of internal heating on natural convection in a rectangular porous container	Chinese Journal of Physics		<a href="https://doi.org/10.1016/j.cjph.2024.05.049">https://doi.org/10.1016/j.cjph.2024.05.049</a>	90, 651-663, 2024	4.6



16	S. Chaudhary, S. Chauhan, R. Devi, A. Mahajan, S. Kumar; M. Sharma	Stability of couple-stress fluid saturating a porous layer heated and salted from below and rotating about vertical axis	Chinese Journal of Physics		<a href="https://doi.org/10.1016/j.cjph.2024.06.012">https://doi.org/10.1016/j.cjph.2024.06.012</a>	90, 922-931, 2024	4.6
17	R. K. Maurya, V. K. Tripathi, A. Mahajan	Nonlinear stability analysis of thermal convection in a fluid layer with slip flow and general temperature boundary condition	Chaos, Solitons and Fractals		<a href="https://doi.org/10.1016/j.chaos.2024.115426">https://doi.org/10.1016/j.chaos.2024.115426</a>	187, 115426, 2024	5.3
18	P. Saravanan, A. Mahajan	Convective heat transfer in Brinkman-Darcy-Kelvin-Voigt fluid with couple stress and generalized Maxwell-Cattaneo law	Physics of Fluids		<a href="https://doi.org/10.1063/5.0230052">https://doi.org/10.1063/5.0230052</a>	36, 093116, 2024.	4.1
19	D. Yadav, M.K. Awasthi, R. Ragoju, K. Bhattacharyya, A. Mahajan, J. Wang,	Impact of viscous dissipation, throughflow and rotation on the thermal convective instability of Jeffrey fluid in a porous medium layer	European Journal of Mechanics-B/ Fluids		<a href="https://doi.org/10.1016/j.euromechflu.2024.09.002">https://doi.org/10.1016/j.euromechflu.2024.09.002</a>	109, 55-65, 2025.	2.5
20	V. K. Tripathi, BM Shankar, IS Shivakumara, A. Mahajan	Throughflow and variable gravity outlooks on bidispersive porous convection with relatively large macropores	International Journal of Non-Linear Mechanics		<a href="https://doi.org/10.1016/j.ijnonlinmec.2024.104976">https://doi.org/10.1016/j.ijnonlinmec.2024.104976</a>	170, 104976, 2025	2.8
21	A. Mahajan, S. Das	Linear and Non-linear Analysis for Thermal Convection in an Internally Heated Fluid-saturated Anisotropic Porous Medium with Throughflow and the Variable Gravity Field	Special Topics and Reviews in Porous Medium		10.1615/SpecialTopicsRevPorousMedia.2025058361	16(5), 29-49, 2025	1.4



22	S. Choudhary, R. Devi; A. Mahajan; Sunil; V. Chandel; M. Sharma; Sarita; D. Yadav	Effect of vertical rotation and salt on the stability of a couple stress fluid layer	Chinese Journal of Physics		<a href="https://doi.org/10.1016/j.cjph.2025.04.022">https://doi.org/10.1016/j.cjph.2025.04.022</a>	96, 245-257, 2025	4.6
23	B. Devi, K. Mandal, A. P. Singh, C. Dalal	Microwave-assisted sustainable synthesis of yellow emissive carbon dots for selective sensing of Hg (II) ions and cancer cell imaging	Journal of Molecular Structure	0022-2860	10.1016/j.molstruc.2025.141966	1335, 141966	4.0
24	A. Pandey, Twinkle, S. K. Sonkar, C. Dalal	Copper Nanoparticles-Decorated Carbon Nanoflakes as a Catalyst for Nitroaromatic Reduction	ACS Applied Nanomaterials	2574-0970	10.1021/acsanm.4c05839	7, 22, 26238-26247	5.3
25	K. Gupta, N. Tiwari, P. Dubey, R. Yadav, C. Dalal, S. K. Sonkar	Small amine functionalized diesel soot-derived onion-like nanocarbon for selective sensing of glutamic acid and imaging application	New Journal of Chemistry	1144-0546	10.1039/D4NJ03514C	48,43, 18580-18588	2.7
26	A. K. Garg, V. Singh, N. K. Lamba, C. Dalal, S. K. Sonkar	Silver phosphate-based melamine-formaldehyde polymer for reduction of mono, di, and tri-nitrophenols under ambient conditions	New Journal of Chemistry	1144-0546	10.1039/D4NJ02419B	48, 36 15726-15730	2.7
27	Panda P.; J. Kaur; R. Basu; A. K. Sharma; J. Madan; R. Pandey,	Toward high-efficiency photovoltaics: MASnI <sub>3</sub> and FASnI <sub>3</sub> double absorber perovskite solar cells with optimized conversion efficiency of 28 %	Physica B: Condensed Matter	9214526	10.1016/j.physb.2025.417232	710	2.8



28	S. Kumar; D. Gahlawat; J. Kaur; J. Madan; R. Pandey; R. Basu	Numerical optimization and comparative analysis of bandgap-engineered BaZrS <sub>3</sub> chalcogenide perovskite solar cells with site-specific alloying	Physica B: Condensed Matter	9214526	10.1016/j.physb.2025.417351	712	2.8
29	S. Bhattarai, N. Shrivastav, L. Saikia, P.K. Kalita, M. S. Reddy, S. Radhika, J. Madan, R. Pandey,	TCAD study of CIGS/CZTS double absorber solar cells for high-efficiency photovoltaic applications	Journal of Optics	20408978	10.1007/s12596-025-02769-6	2025	2
30	G. Pathak, D. K. Dwivedi, P. Lohia, Y. K. Singh, R. Pandey, J. Madan, A.A. Verma, and M. Kumar.	Optimizing the Filtered Spectrum and Various Transport Layers of Synergistic Dion-Jacobson 2D-3D Perovskite Tandem Solar Cell: Achieving 32.11% Efficiency.	Journal of Inorganic and Organometallic Polymers and Materials	15741443	10.1007/s10904-025-03863-9	(2025)-1-15.	3.9
31	D. Gahlawat, J. Kaur, R. Basu, A. K. Sharma, U. Rani, J. Madan, and R. Pandey.	Numerical insights into the electronic, spectral and impedance characterization of bandgap-engineered Ba (Zr, Ti) S <sub>3</sub> photovoltaic structures.	Journal of Optics	20408978	10.1007/s12596-025-02754-z	(2025): 1-23.	2
32	P. Katiyar, D. K. Dwivedi, P. Lohia, R. Pandey, J. Madan, A. A. Verma, M. HH Mahmoud, and M. K. Hossain.	Synergistic Combination of DJ 2D-3D Layers: Achieving 30.75% Perovskite Solar Cell Efficiency.	Journal of Physics and Chemistry of Solids	0022-3697	10.1016/j.jpcs.2025.112877	(2025): 112877.	4



33	N. Kaur, J. Madan, and R. Pandey.	"Semi-Transparent Perovskite Solar Cells with Stacked Absorber Layer: Balancing Power Conversion Efficiency and Visible Transmittance."	Journal of Physics and Chemistry of Solids	0022-3697	10.1016/j.jpacs.2025.112868	(2025): 112868.	4
34	H. Saxena, J. Kaur, R. Basu, A. K. Sharma, J. Madan, and R. Pandey.	"Optimization of Double Absorber Antimony Chalcogenide-Based Solar Cells: A Comprehensive Parametric Optimization to Achieve 28.4% Conversion Efficiency."	Micro and Nanostructures	27730123	10.1016/j.micrna.2025.208215	(2025): 208215.	2.7
35	M Sindhu, N Ahlawat, S Sanghi, R Kumari, D Nanda, V Nanda, N Mittal, L Kumar, V. S. Pandey, A Agarwal	Crystal Structure Analysis using Rietveld Refinement and Investigation of Electrical Properties of NaNbO <sub>3</sub> Substituted CaTiO <sub>3</sub> Ceramics	Indian Journal of Pure and Applied Physics	0975-1041	<a href="http://dx.doi.org/10.56042/ijpap.v63i1.9803">http://dx.doi.org/10.56042/ijpap.v63i1.9803</a>	63	0.7
36	P K Chakravarti, M. Bharti, V. S. Pandey	Design and analysis of high gain and high bandwidth SIW antennas for Ka- band and mm-wave 5G high band communication	Engineering Research Express	2631-8695	<a href="http://dx.doi.org/10.1088/2631-8695/adc77f">http://dx.doi.org/10.1088/2631-8695/adc77f</a>	7,2	1.5
37	R. Yadav, S. Gotra, V. S. Pandey, A. K. Sharma, P. Verma	An Analytical and Mode Mapping Approach Using Machine Learning for Optimizing Hybrid Material-Based THz Antenna with Surface Plasmon Polaritons	IEEE Transactions on Plasma Science	1939-9375	<a href="http://dx.doi.org/10.1109/TPS.2025.3534289">http://dx.doi.org/10.1109/TPS.2025.3534289</a>	53,3,449-462	1.3



38	P K Chakravarti, V S Pandey, M. Bharti	Design and development of a highly efficient printed dual-band MIMO antenna for futuristic satellite communication	Journal of Electro magnetic Waves and Appli cations	1569-3937	<a href="http://dx.doi.org/10.1080/09205071.2025.2459782">http://dx.doi.org/10.1080/09205071.2025.2459782</a>	39,5,1-24	1.3
39	S.S. Samanta ray, A. Misra, S. Shaw, J. Prakash, V. S. Pandey M.K. Nayak	Investigating to chemically reactive and radiative Darcy/ non-Darcy stagnation point flow of ternary composite nanofluids with moderate Prandtl numbers	Inter national Journal of Modelling and Simulation	1925-7082	<a href="http://dx.doi.org/10.1080/02286203.2023.2188515">http://dx.doi.org/10.1080/02286203.2023.2188515</a>	45,2025,157-173	3.1
40	R. Yadav, H. Mann, V. S. Pandey, P. Verma	Surface Plasmon Polaritons in Graphene Material-Based Reconfigurable Antennas for Advanced Environmental Monitoring Applications	Plasmonics	1557-1963	<a href="http://dx.doi.org/10.1007/s11468-024-02422-1">http://dx.doi.org/10.1007/s11468-024-02422-1</a>	20,2013-2028	3.3
41	R. Yadav, A. Judice, V. S. Pandey	Dual-substrate graphene THz antenna design for advanced sensing applications	Journal of Optics (India)	0974-6900	<a href="http://dx.doi.org/10.1007/s12596-024-02425-5">http://dx.doi.org/10.1007/s12596-024-02425-5</a>	1-9	1.6
42	P. Verma, A K Sharma, V. S. Pandey, D. Vaithiya nathan	High-speed and area efficient low-power dynamic parity generator and parity checker	Analog Integrated Circuits and Signal Processing	1573-1979	<a href="https://doi.org/10.21203/rs.3.rs-3340621/v1">https://doi.org/10.21203/rs.3.rs-3340621/v1</a>	124	1.2
43	R. Yadav, H. Mann, V. S. Pandey	Graphene and Vanadium Dioxide Based Planer Antenna with Generation of Higher Order Transverse Magnetic Mode for THz Applications	Journal of Optical Micro systems	2708-5260	<a href="https://doi.org/10.1117/1.JOM.5.1.014501">https://doi.org/10.1117/1.JOM.5.1.014501</a>	52,024	1.6
44	V. Trivedi, M. Joglekar, K. Patel, G. Sheoran, A. Anand	Dynamic cell imaging by iterative phase retrieval microscopy	Journal of Optics	0974-6900	<a href="https://doi.org/10.1007/s12596-024-02401-z">https://doi.org/10.1007/s12596-024-02401-z</a>	Published on 7 Dec 2024	1.6



45	S. Sharma, V. Trivedi, N. Barak, A. Anand, V. Kumari, and G. Sheoran	DMD Based Microscopic Fringe Projection Profilometry of Copper-Clad Substrates	MAPAN	0974-9853	<a href="https://doi.org/10.1007/s12647-024-00774-x">https://doi.org/10.1007/s12647-024-00774-x</a>	39(4), 943-954	1
46	V. Trivedi, P. Soni, M. Joglekar, V. Chhaniwal, G. Sheoran, G. Pedrini, W. Osten, B. Javidi, A. Anand	Two-wavelength contouring by iterative phase retrieval using volume speckle field	Journal of Optics	0974-6900	<a href="https://doi.org/10.1007/s12596-024-01797-y">https://doi.org/10.1007/s12596-024-01797-y</a>	Published on 27 April 2024	1.6
47	T. Sarkar, S. Chandra, G. Sheoran, and R. K. Singh	Leveraging the depolarization of scattered light for holography with the Stokes correlation	Applied Physics Letters	1077-3118	<a href="https://doi.org/10.1063/5.0181208">https://doi.org/10.1063/5.0181208</a>	124(7), 071103	3.5
48	V. Kumari, N. Barak, Ajay K. Sharma, A. Anand, G. Sheoran	Telecentric phase imaging at extended depth of focus using digital holographic microscopy	Precision Engineering	0141-6359	<a href="https://doi.org/10.1016/j.precisioneng.2024.01.014">https://doi.org/10.1016/j.precisioneng.2024.01.014</a>	87, 23-32	3.5
49	S. Utadiya, V. Trivedi, A. Srivastava, H. Cabrera, M. L. Crespo, G. Sheoran, and A. Anand	Optical thickness measurement of occluded samples by lens-less Fourier transform digital holography, thermal loading, and machine learning.	Applied Optics	1559-128X	<a href="https://doi.org/10.1364/AO.503589">https://doi.org/10.1364/AO.503589</a>	63(7), B16-B23	1.7
50	K. K. Saha, P. Kumar, A. Singh, B. Kamranzad, I. R. Young, Rajni	Assessment and future projections of storm surge using CMIP6 models in the Indo-Pacific region	Ocean Modelling	1463-5003	10.1016/j.ocemod.2025.102560		3.1
51	Vinita, P. Kumar	Mathematical Modeling of Two-Dimensional Depth Integrated Nonlinear Coupled Boussinesq-Type Equations for Shallow-Water Waves with Ship-Born Generation Waves in Coastal Regions	Journal of Marine Science and Engineering		10.3390/jmse13030562		2.7



52	H. Tiwari, P. Kumar, R. Prasad, K. K. Saha, A. Singh, H. Cherifi, Rajni	Bridging the Climate Gap: Multimodel Framework With Explainable Decision-Making for IOD and ENSO Forecasting	IEEE Transa ctions on Artificial Intelligence	2691-4581	10.1109/TAI.2 024.34 89535	6, 3, 661 - 675	4.5
53	R. Prasad, P. Kumar, A. Singh, A. Sunil, A. Kumar, A. Patra & Rajni	Trend Analysis of Extreme Wind and Wave Height at Key Port Locations Along the Indian Coastline	Thalassas: An Intern ational Journal of Marine Sciences		10.1007/ s41208-024- 00762-7	41, 5	0.7
54	A. Yadav, P. Kumar, P. K. Bhaskaran, Y. Hisaki, Rajni	Evaluation of ocean wave power utilizing COWCLIP 2.0 datasets: a CMIP5 model assessment	Climate Dynamics		10.1007/ s00382-024- 07402-z	62, 10, 9447- 9468	4.4
55	S. Gangiredla, R. P G, S. P. Dey, J. S. Chowdary, P. Kumar	Impact of the Pacific-Japan pattern on the tropical Indo- western Pacific Ocean surface waves	Climate Dynamics		10.1007/ s00382-024- 07357-1	62, 9, 8729- 8740	4.4

### Conference Publications

S.No	Author Details	Title of the Paper	Name of the Conference	ISSN Number	DOI	Month and Year
1	A. Kumar, V S Pandey	High-Frequency Dissipative MHD Waves in Magnetic Flux Tubes: Implications to Coronal Magneto- Seismology	São Paulo School on Advanced Science on Solar Activity and Space Weather and the PRESTO/SCOSTEP Workshop, Mackenzie Presbyterian University, Sao Paulo, Brazil			2024/11
2	P. K. Verma, R. Kumar, V. K Singh, P. Verma, V S Pandey	Low Profile L-Band CP Omni- directional Antenna for Line- of-Sight Service Link	3rd International Conference on Microwave, Optical and Communication Engineering - 2025			2025/4



3	S. Parida, V S Pandey, B K Sahu, M K Nayak	Synthesis, Characterization and Electrochemical Study of SnS <sub>2</sub> /rGO/SiC Nanocomposite for Supercapacitor Electrode Applications	IEEE conference ODICON-2024		<a href="https://doi.org/10.1109/ODICON62106.2024.10797542">https://doi.org/10.1109/ODICON62106.2024.10797542</a>	2024/11
4	S. Parida, V S Pandey, B K Sahu, M K Nayak	Experimental Analysis: Preparation and application of a CoFe <sub>2</sub> O <sub>4</sub> /rGO/Bi <sub>2</sub> S <sub>3</sub> nanocomposite for supercapacitor electrode	IEEE conference ODICON-2024		<a href="https://doi.org/10.1109/ODICON62106.2024.10797530">https://doi.org/10.1109/ODICON62106.2024.10797530</a>	2024/11
5	A Kumar, V.S. Pandey	Effects of High-Frequency viscous MHD waves in magnetic flux tube on coronal magneto-seismology and coronal heating	Sun, Space Weather and Solar-Stellar Connections An international conference commemorating 125 years of KSO, IIA Bangalore			2025/01
6	P. Priya, P. Kumar, R. Prasad, D. Om, Rajni	Computational analysis of Visakhapatnam port with variable Bathymetry using SBEM	AIP Conference Proceedings		10.1063/5.0265326	2025/04

## 2) Department of Civil Engineering

### Journal Publications

S.No	Author Details	Title of the Paper	Name Of the Journal	ISSN Number	DOI	Volume Number, Issue Number, Page Number	Impact Factor
1.	R. Kumar, Ajay K.	Analysis of Laminated Composite Porous Plate under Sinusoidal Load with Various Boundary Conditions.	Materials	1996-1944	( <a href="https://doi.org/10.3390/ma17102308">https://doi.org/10.3390/ma17102308</a> )	2024, 17, 1-22.	3.1
2.	Prashant K., Ajay K., Sanjay K., R. Ranjan, Pranav K.	Bending behaviour of steel-concrete partial composite beam using MCS and ANN.	Acta Mecha nica	0001-5970 (Print) and 1619-6937 (Online).	( <a href="https://doi.org/10.1007/s00707-024-03949-4">https://doi.org/10.1007/s00707-024-03949-4</a> )	2024, 235, 4451-4471.	2.3



3.	A. K. Parashar, Ajay K., K. A. Goud, N. Gupta, K. Kr. Saxena, A. Iqbal, Faramarz Djavanroodi & S. Saadoui.	An approach for environment protection by regression and cluster analysis of GGBS-based geopolymer composite at different proportion of brick dust.	Mechanics of Advanced Materials and Structures	1537-6494	( <a href="https://doi.org/10.1080/15376494.2023.2269553">https://doi.org/10.1080/15376494.2023.2269553</a> )	2024, 31, 9223-9231.	3.6
4.	A. K. Parashar, Ajay K., P. Singh, Nakul Gupta.	Study on the mechanical properties of GGBS-based geopolymer concrete with steel fiber by cluster and 5. regression analysis.	Asian Journal of Civil Engineering	Electronic ISSN: 2522-011X. Print ISSN: 1563-0854	( <a href="https://doi.org/10.1007/s42107-023-00937-2">https://doi.org/10.1007/s42107-023-00937-2</a> )	2024, 25, 2679-2686.	0.9
5.	K. Singh, Kapil K.	Micro and Nano-plastic Pollution in the Anthropocene: Understanding and Addressing a Global Crisis. Anthropocene Science	Anthropocene Science	e-ISSN 2731-3980	( <a href="https://doi.org/10.1007/s44177-024-00076-6">https://doi.org/10.1007/s44177-024-00076-6</a> )	(2024) 3:143-149	3.3
6.	M. Dikshit, Baleeswaraiyah Muchharla Saudagar Dongare, Kapil K. Burcu Gurkan, Joshua M. Spurgeon, Bijandra K.	Electrochemical CO2 Conversion Commercialization Pathways: A Concise Review on Experimental Frontiers and Technoeconomic Analysis	Environmental Science & Technology Letters	e- ISSN 2328-8930	( <a href="https://pubs.acs.org/doi/10.1021/acs.estlett.4c00564">https://pubs.acs.org/doi/10.1021/acs.estlett.4c00564</a> )	11(11), 1161-1174.	8.9
7.	R. K. Meena, A. P. Paswan, P. Roshan, M. Verma	CFD analysis of the wind loads on the 'T' plan building structure including interference condition by using ANSYS CFX	Journal of Polymer & Composites 2025	e-ISSN 2321-2801	DOI (Journal): 10.37591/JoPC	Volume 13, (Special Issue 1), S377-388p, 18 Dec. 2024	6.0



8.	R.K. Meena, Ritu Raj, S. Anbu kumar, Moh. Iqbal Khan, Jamal M. Khatib	Fluid Dynamic Assessment of Tall Buildings with a Variety of Complicated Geometries	Buildings 2024	2075-5309	10.3390/buildings14124081	Volume 14, (Issue 12), Dec. 2024	3.2
9.	R. K. Meena, Ajay Pratap, Ritu Raj, Anbukumar Srinivasan	Influence of corner geometry on wind-induced forces in tall building models	Asian Journal of Civil Engineering	e-ISSN 2522-011X	10.1007/s42107-024-01208-4	Vol. 26(2):593-616 Oct. 2024	1.83

### Conference Publications

S.No	Author Details	Title of the Paper	Name of the Conference	ISSN Number	DOI	Month and Year
1.	A. K.Parashar, Ajay K.	. An Overview of Geopolymer Concrete with the Utilization of Recycled Aggregates.	International Conference on Recent Trends in Transport Processes 2024, NIT Hamirpur,	NA	NA	24-26, June, 2024
2.	Arun Kumar, Ajay K..	Review on the Effect of PET Bottle Fibers in the Mechanical Properties of Concrete.	International Conference on Recent Trends in Transport Processes-2024, NIT Hamirpur,	NA	NA	24-26, June, 2024.
3.	R. K. Meena	Evaluating the Design and Functionality of Pedestrian Bridge	International Conference on Smart, Resilient and Sustainable Infrastructure (SRISTI) IIT (ISM), Dhanbad	NA	NA	January 24-25, 2025
4.	R. K. Meena	Analysis of wind effect surrounding the C-shape High-Rise Building	International Conference on Computational Mathematics and Applications (ICCMA 2025) Department of Mathematics NIT Silchar	NA	NA	January 16 - 18, 2025



### 3) Department of Computer Science and Engineering

#### Journal Publications

S.No	Author Details	Title of the Paper	Name Of the Journal	ISSN Number	DOI	Volume Number, Issue Number, Page Number	Impact Factor
1	P. Chauhan, N. Sharma & G. Sikka	TaNtISA: a hybrid approach for text/ non-text classification and sentiment analysis of multimodal social media images	Sādhanā	0256-2499	10.1007/s12046-025-02679-0	Vol No. 50, Article No. 33	1.4
2	S. Singh, A. S. Nandan, G. Sikka, A. Malik & P. K. Singh	Genetic algorithm based data controlling method using IoT enabled WSNs	soft computing	14327643	10.1007/s00500-024-10396-9	Volume 29, pages 2465-2482	3.1
3	S. Jain, G. Sikka, R. Dhir	A systematic literature review on pancreas segmentation from traditional to non-supervised techniques in abdominal medical images	Artificial Intelligence Review	0269-2821	10.1007/s10462-024-10966-1	Volume 57 Issue 12 Pages 317	10.7
4	R. M. Singh, G. Sikka, L. K. Awasthi	Energy Conscious Squirrel Search based Task Scheduling Mechanism in Fog Environment	Transactions on Emerging Telecomm unications Technologies	2161-3915	10.1002/ett.5057	Volume 35, Issue 10 e5057	2.5
5	S. Godara; G. Sikka; R. Parsad; S. Marwaha; M. A. Faiz; R. S. Bana	Pony: Leveraging m-Graphs and Pruned-BFS Algorithm to Elevate AI-Powered Low-Cost Self-Driving Robotics	IEEE Access	2169-3536	10.1109/ACCESS.2024.3462102	Volume 12, Pages-134185-134197	3.5
6	R. M. Singh, G. Sikka & L. K. Awasthi	A Modified Levy Flight Firefly-Based Approach to Optimize Turnaround Time in Fog Computing Environments	IETE Journal of Research	0377-2063	10.1080/03772063.2024.2386598	Volume 70, Issue 12, Pages 8378-8388	1.3



7	R. Thakur, G. Sikka, U. Bansal, J. Giri & S. Mallik	Deadline-aware and energy efficient IoT task scheduling using fuzzy logic in fog computing	Multimedia Tools and Applications	1380-7501	10.1007/s11042- 024-19509-w	Volume 84, pages 14359- 14386	3
8	R. M. Singh, G. Sikka, L. K. Awasthi	LBATSM: Load Balancing Aware Task Selection and Migration Approach in Fog Computing Environment	IEEE Systems Journal	1932-8184	10.1109/JSYST.2 024.3403673	Volume: 18 Issue: 2, Page no. 796- 804	4.4
9	S. Jain, R. Dhir, G. Sikka	View adaptive unified self-supervised technique for abdominal organ segmentation	Computers in Biology and Medicine	0010-4825	10.1016/j. compbio med.2024. 108659	Vol no 177, 108659	7
10	K. Verma, G. Sikka, A. Swaraj, S. Kumar, A. Kumar	Classification of COVID-19 on Chest X-Ray Images Using Deep Learning Model with Histogram Equalization and Lung Segmentation	Journal-SN Computer Science		DOI- 10.1007/ s42979-024- 02695-7	Volume- 5 issue 4 Year- 2024 Page No.- 379	3.1
11.	N. Agarwal, G. Sikka, L. K. Awasthi	Integrating semantic similarity with Dirichlet multinomial mixture model for enhanced web service clustering	Journal- Knowledge and Information Systems		DOI-10.1007/ s10115-023- 02034-x	Volume -6 6 Issue 4 Year- 2024 Page No.- 2327- 2353	2.5
12	K. K. Saha, P. Kumar, A. Singh, B. Kamran zad, I. R. Young	Assessment and Future Projections of Storm Surge Using CMIP6 Models in the Indo-Pacific Region	Ocean Modelling	1463-5011	<a href="https://doi.org/10.1016/j.ocemod.2025.102560">https://doi. org/10.1016/j. ocemod. 2025.102560</a>	196	3.1
13	R. Prasad, P. Kumar, A. Singh, A. Sunil, A. Kumar, A. Patra	Trend analysis of extreme wind and wave height at key port locations along the Indian coastline	An International Journal of Marine Sciences	1927-6648	<a href="https://doi.org/10.1007/s41208-024-00762-7">https://doi. org/10.1007/ s41208-024- 00762-7</a>	41	3.5



14	B. Sajja, A. Singh	Detection of Violent Content in Videos Using Attention-Augmented 3D Convolutional Networks	IEEE MultiMedia	1070-986X	doi.org/10.1109/MMUL.2025.3544110	Volume: 32, Issue: 1	3.2
15	A. K. Singhal, S. Manhas, A. Singh	Beyond the traditional models: a network reconstruction based model for predicting and analysing individual health status	Computing	2210-142X	doi.org/10.1007/s00607-024-01355-1	Volume 107, article number 14	2.4
16	H. Tiwari, P. Kumar, R. Prasad, K. K. Saha, A. Singh, H. Cherifi	Bridging the climate gap: Multi-model framework with explainable decision-making for IOD and ENSO forecasting	IEEE Transactions on Artificial Intelligence	2691-4581	DOI: 10.1109/TAI.2024.3489535	Volume: 6, Issue: 3	4.5
17	A. K. Singhal, A. Singh	Mapping Health Pathways: A Network Analysis for Improved Illness Prediction	Concurrency and Computation: Practice and Experience	1532-0634	https://doi.org/10.1002/cpe.8301		1.5
18	Anatara jan, V. kumar, M. singh	Device-Free Human Activity Recognition in Through-the-Wall Scenarios using Single Link WiFi Channel Measurements	IEEE Sensor	1558-1748		Accepted	4.3
19	M. Neelima, M. Singh, K. S. Sahoo, J. J.P.C. Rodrigues	Geometric Approach for Device-Free Localization in Wireless Network	Computer Network (Elsevier)			Accepted	4.4
20	T. Varshney, K. Verma, A. Kaur	A modified MultiResUNet model with attention focus for breast cancer detection	Computers and Electrical Engineering	1879-0755	doi.org/10.1016/j.compeleceng.2025.110416	124, 110416	4.0
21	A. Maurya, K. Verma	FedSec+: An advanced privacy-enhanced cardiovascular disease prediction model using federated learning	AIP Conf. Proc.	1551-7616	doi.org/10.1063/5-0248335	3253, 030033	0.01
22	S. Nagar, K. Verma, S. Singh, K. Shashvat	Next-Gen Cardio Care: Engineering Precision with Hyperdimensional K in KNN Cardiac Disease Prognosis	Procedia Computer Science	1877-0509	doi.org/10.1016/j.procs.2025.04.675	258, 4257-4268	4.5



23	T. Varshney, K. Verma, A. Kaur, S. K. Puri	Enhanced Breast Cancer Classification: A Novel Fusion of Deep Features, Shape Features and GCLM Features	Procedia Computer Science	1877-0509	doi.org/10.1016/j.procs.2025.04.606	258, 3500-3509	4.5
24	K. Soni, S. Sachdeva,	MTable: Visual query interface for browsing and navigation in NoSQL data stores	Journal of Computer Languages	2590-1184	https://doi.org/10.1016/j.cola.2024.101312	Vol-82	1.7
25	S. Sachdeva, N. Bansal, H. Bansal	SRank: Guiding schema selection in NoSQL document stores,	Data & Knowledge Engineering	0169-023X	https://doi.org/10.1016/j.datak.2024.102360	154	2.7
26	P., Vijayant, and S. Sachdeva	PEBS: An efficient patientenabled blockchain system.	Concurrency and Computation: Practice and Experience		https://doi.org/10.1002/cpe.8287	36	1.5
27	P. Vijayant, and S. Sachdeva	ParallelChain: a scalable healthcare framework with low energy consumption using blockchain	International Transactions in Operational Research		https://doi.org/10.1111/itor.13278		
28	S. Sachdeva, H. Singh, S. Bhatia, & P. Goswami	An integrated framework for predicting air quality index using pollutant concentration and meteorological data	Multimedia Tools and Applications		https://doi.org/10.1007/s11042-023-17432-0		
29	S. Sachdeva, R. Kaur, K. Kimmi, H. Singh, K. Aggarwal, S. Kharb	Meteorological-AQI and Pollutants Concentration based AQI predictor	International Journal of Environmental Science and Technology		https://10.1007/s13762-023-05307-8		
30	N. Bansal, S. Sachdeva & L. K. Awasthi	Query-based denormalization using hypergraph (QBDNH): a schema transformation model for migrating relational to NoSQL databases	Knowledge and Information Systems		https://doi.org/10.1007/s10115-023-02017-y		



31	N. Bansal, S. S., L. K. Awasthi	Are NoSQL Databases Affected by Schema?	IETE Journal of Research		<a href="https://doi.org/10.1080/03772063.2023.2237478">https://doi.org/10.1080/03772063.2023.2237478</a>	
32	S. Vishnu, Sahil, N. Garg	Unveiling the Role of GPT-4 in Solving LeetCode Programming Problems	Computer Applications in Engineering Education	1061-3773	<a href="https://doi.org/10.1002/cae.22815">https://doi.org/10.1002/cae.22815</a>	2.0
33	Gunjan	A Review on Unequal Clustering Protocols in Wireless Sensor Networks	Wireless Personal Communications, Springer		<a href="https://doi.org/10.1007/s11277-024-11688-x">https://doi.org/10.1007/s11277-024-11688-x</a>	1.9

### Conference Publications

S.No	Author Details	Title of the Paper	Name of the Conference	ISSN Number	DOI	Month and Year
1	P. Mishra, D. Punia, G. Sikka, A. K Sharma., K. Sikka	Evaluating Various Techniques for Twitter Sentiment Analysis for Election Results	First International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT) at NIT Delhi	979-8- 3503-6501- 6	10.1109/IC2SDT62 152.2024.10696204	Oct 2024
2	D. Kala, D. Punia, G. Sikka, K. Sikka	A Compre hensive Analysis of Various Deep Learning based Multi Class Plant Disease Classification Techniques	First International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT) at NIT Delhi	979-8- 3503-6501- 6	10.1109/IC2SDT6 2152.2024.10696395	Oct 2024
3	V. Yadav, S. Kumar, A. Goyal, S. Bhatla, G. Sikka, A. Kaur	Integrated Violence and Weapon Detection Using Deep Learning	First International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT) at NIT Delhi	979-8- 3503-6501- 6	10.1109/IC2SD T6215 2.2024.10696591	Oct 2024
4	Md S. A. Emam, D. Punia, G. Sikka, K. Sikka	A Comparative Analysis of Various Deep and Machine Learning Techniques for Web Service Classification	First International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT) at NIT Delhi	979-8- 3503-6501- 6	10.1109/IC2SDT6 2152.2024.10696857	Oct 2024



5	A. Naz, K. Verma, and G. Sikka	Scientometric Analysis of AI and ML-Based Routing for Satellite Terrestrial Integrated Network	The global conference on education and research at University of South Florida, Sarasota, Florida	2572-6374	10.5038/2572-6374-v5	Dec 2024
6	V. Sharma, A. Singh, S. Gaito	Indian Sign Language recognition and translation: An Encoder-Decoder Approach	17th International Conference on COMmunication Systems and NETworks (COMSNETS)		DOI: 10.1109/COMSNETS63942.2025.10885623	January 2025
7	A. Jha, A. Singh, H. Cherifi	Synchronisation in Higher Order Network of Simplicial Complexes	International Conference on Complex Networks and Their Applications	978-3-031-82431-9	<a href="https://doi.org/10.1007/978-3-031-82431-9_27">https://doi.org/10.1007/978-3-031-82431-9_27</a>	December 2024
8	T. Varshney, K. Verma, A. Kaur	Exploring Advanced Segmentation Strategies for Breast Cancer Detection: A Comparative Study of UNet Variants and Ensemble	1st International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT- 2024)		10.1109/IC2SDT62152.2024.10696525	Oct, 2024
9	S. Kumar, K. Verma	Lora-Based Data Transmission System for Smart Buildings	1st International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT- 2024)		10.1109/IC2SDT62152.2024.10696110	Oct, 2024
10	Pinky, K. Verma	Enhancing Task Scheduling in Cloud-FogEnvironments with Improved Butterfly Swarm Optimization	IEEE International Students' Conference on Electrical, Electronics, and Computer Science. (SCEECS - 2025)		10.1109/SCEECS64059.2025.10940877	Jan, 2025



11	S. Nagar, K. Verma, S. Singh, S. Kumar	Advancing Precision in Heart Disease Detection and Prediction: Leveraging Cutting-Edge Classification	IEEE International Students' Conference on Electrical, Electronics, and Computer Science. (SCEECS - 2025)		10.1109/IC3ECS BHI6359 1.2025.10991289	May 2025
12	A. Mishra, C. Prakash, S. Sachdeva	Quantitative Analysis of Gait Disorder using ML in Cerebral Palsy Patients	3rd International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2024)			September 2024
13	S. Sachdeva and J. Vasava	Plugging and Playing with Variety of Data using Multi-Model Database and Polyglot Persistence	Third International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)		10.1109/ICEEICT 61591.2024.10718481	2024
14	S. Saha and S. Sachdeva	Designing Document stores using Feature Model and Application Workload	Third International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)			July 2024
15	V. Kumar, S. Sachdeva and V. Pawar	Blockchain-Enabled Integration and Coordination for Decentralized E-Health Systems	Third International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)		10.1109/ICEEICT 61591.2024.10718512	July 2024
16	H. Bansal, S. Sachdeva and N. Bansal	Cost Model for Schema Choices: Performance and Trade Analysis	Sixth International Conference on Electrical, Computer, and Communication Technologies (ICECCT 2024) IEEE			June 2024
17	K. Soni, S. Sachdeva and A. Minj	Querying Healthcare Data in Knowledge-Based Systems	11 <sup>th</sup> International Conference on Big Data Analytics in Astronomy, Science, and Engineering			2024



18	M. D. Khare, S. Sachdeva, D. Dubey, R. S. Rajpoot and S. Kumar	Vayu Vishleshan: AQI Monitoring and Reduction Analysis	11 <sup>th</sup> International Conference on Big Data Analytics in Astronomy, Science, and Engineering			2024
19	V. Pawar, S. Sachdeva, S. Bhalla	Blockchain-based Framework for Healthcare 5.0	11 <sup>th</sup> International Conference on Big Data Analytics in Astronomy, Science, and Engineering			2024
20	S. Sachdeva, B. Chakraborty, A. Gupta	HR Pulse Analyzer: Using Insights to Power Decision-making	Sixth International Conference on Electrical, Computer, and Communication Technologies (ICECCT 2024) IEEE			June 2024
21	Neetu, Gunjan, A. Kaur.	Energy Consumption in Wireless Sensor Networks Using Fruit Fly and Ant Colony Optimization Algorithms in Homogenous and Heterogeneous Environments	International Conference on Contemporary Computing and Informatics (IC3I-2024) IEEE, 2024	979-8-3503-5006-7	10.1109/IC3I61595.2024	Sept. 2024
22	V. K. Vats, C. Prakash, A. Kaur, R. Kumar.	Markerless Sagittal Gait Analysis of Cerebral Palsy in Children using Pose Estimation Techniques	International Conference on Innovation in Computing and Engineering (ICE 2025) , IEEE 2025	979-8-3503-8046-0	10.1109/ICE63309.2025	May 2025
23	A. Kaur, A. Kaur	An Ensemble Machine Learning Approaches for Customer Purchasing Behaviour Prediction	AI-HCSST 2025- International Conference on AI-Driven Human-Centric Solutions and Sustainable Transformations	Proceeding Submitted		March 2025
24	A. N. Bhat, Sahil, G. Kumar	Unwinding the Significance of Federated Learning for Smart Agriculture	International Conference on Artificial Intelligence and Emerging Technology (Global AI SUMMIT 2024)		<a href="https://doi.org/10.1109/GlobalAISummit62156.2024.10947983">https://doi.org/10.1109/GlobalAISummit62156.2024.10947983</a>	September 2024



25	A. Singh, Sahil	Exploring Contextual Appropriateness of Spectral Indices for Remote Sensing-based Land Coverage Classification using Machine Learning	International Conference on Artificial Intelligence and Emerging Technology (Global AI SUMMIT 2024)		<a href="https://doi.org/10.1109/GlobalAISummit62156.2024.10947785">https://doi.org/10.1109/GlobalAISummit62156.2024.10947785</a>	September 2024
26	A. Jain, Gunjan and A. K. Sharma	Performance Comparison of Routing Techniques using Sink Mobility Models for IoT assisted WSN	Third International Conference on Power, Control and Computing Technologies (ICPC2T), Raipur, India, 2024, pp. 421-426,		10.1109/ICPC2T60072.2024.10475067.	March 2024

### Department of Electronics and Communication Engineering

#### Journal Publications

S.No	Author Details	Title of the Paper	Name Of the Journal	ISSN Number	DOI	Volume Number, Issue Number, Page Number	Impact Factor
1	Vibhash Choudhary, Manoj Kumar, Nisha Chugh and Jaya Madan	Borophene vertical dopingless Tunnel FET with high-dielectric and incorporating gate-drain underlapping technique	Micro and Nano structures	2773-0123	10.1016/j.micrn.2024.208055	198, 208055	2.7
2	Vibhash Choudhary, Sachin Agrawal, Manoj Kumar and Madhulika Verma	Negative Capacitance Vertical Dopingless TFET and Its Analog/ RF Analysis Using Interface Trap Charges	IEEE Transactions on Device and Materials Reliability	Print ISSN: 1530-4388 Electronic ISSN: 1558-2574	10.1109/TDMR.2025.3533004	25, 163-172	2.5
3	Isha Kadyan, Manoj Kumar and Amit Prakash Singh	Design and analysis of a novel 90 nm tunable active-inductor with high Q-factor in LC-VCO for C and Ku band	Engineering Research Express	NIL	10.1088/2631-8695/adbcfb	7, 015372	1.5
4	Manoj Kumar and Priyanshu Lakra	Design of CMOS VCO with XNOR and transmission gate-based delay stages	Integration	0167-9260	10.1016/j.vlsi.2025.102429	103, 102429	2.2



5	Kritika Upadhyay, Manisha Bharti and Manoj Kumar	A novel technique Spanding for optical f-OFDM system	Journal of Optics	NIL	10.1007/s12596-025-02730-7	-	1.6
6	D. Vaithyanathan, R. Mishra, Preeti Verma, and Baljit Kaur	Design and analysis of optimized dynamic comparator circuit for low-power and high-speed applications	e-Prime - Advances in Electrical Engineering, Electronics and Energy	NIL	10.1016/j.prim.e.2024.100858	vol. 10, 2024	-
7	V. Bheemudu, D. Vaithyanathan, and Baljit Kaur	Design insights into a junctionless nanosheet FET (JL-NSFET) for switching and Analog/ RF applications: Device to circuit level assessment	Micro electronics J	NIL	10.1016/j.mejo.2024.106220	Vol. 149, 2024	-
8	Omendra K Singh, Singh, D. Vaithyanathan, and Baljit Kaur	Investigation of the Electrical Parameters in a Partially Extended Ge-Source Double-Gate Tunnel Field-Effect Transistor (DG-TFET)	J Electron Mater	NIL	10.1007/s11664-024-10997-y	vol. 53, no. 6, pp. 2999-3012, 2024	-
9	V. Bheemudu, D. Vaithyanathan, and Baljit Kaur	Device to circuit level implementation of JL-NSFET for DC/analog/ RF applications at sub-5nm technology node: design optimization and temperature analysis	Phys Scr	NIL	10.1088/1402-4896/ad896c	vol. 99, no. 12, 2024	-
10	Ajey Shakti Mishra, Upendra Kumar Acharya, Akanksha Srivastava, Aashi Rohit Modi, Sandeep Kumar	Brain tumor image segmentation using model average ensembling of deep networks	International Journal of System Assurance Engineering and Management	Electronic ISSN 0976-4348 Print ISSN 0975-6809	<a href="https://doi.org/10.1007/s13198-024-02392-x">https://doi.org/10.1007/s13198-024-02392-x</a>	Volume 15, pages 3915-3925, (2024)	1.6
11	Madhulika Verma, Sachin Agrawal	Metal inserted doping less dielectrically modulated TFET biomarker for SARs-CoV-2 detection	Micro and Nanost ructures	NIL	<a href="https://doi.org/10.1016/j.micrn.a.2024.207877">https://doi.org/10.1016/j.micrn.a.2024.207877</a>	192	2.7
12	Bendi Madhuri, Sachin Agrawal, Sandeep Joshi	Deep Learning Based Super Resolution Network for Channel Estimation	IETE Journal of research	NIL	<a href="https://doi.org/10.1080/03772063.2024.2434580">https://doi.org/10.1080/03772063.2024.2434580</a>	71	1.3



13	Sachin Agrawal, Prateek Jindal, Valasa Shashank Sai, Jathod Hanumanth Nayak	Coverage Probability Analysis of a Double IRS Assisted SISO Communication System	IETE Journal of research	NIL	<a href="https://doi.org/10.1080/03772063.2024.2415505">https://doi.org/10.1080/03772063.2024.2415505</a>	71 417-422	1.3
14	Madhulika Verma, Sachin Agrawal	A Novel Underlay Metal Strip Loaded Doping-less Heterojunction (GaSb/Si) TFET Biosensor for Autoimmune Disease Detection	IEEE Transactions on Nanotechnology	NIL	10.1109/TNANO.2025.3561947	239-248	2.1
15	Vipul Dixit, Atul Kumar, Prashant Dwivedy, Sachin Agrawal	P-NU-NOMA VLC System: Performance Under Imperfect SIC and CSI	IETE Journal of research	NIL	<a href="https://doi.org/10.1080/03772063.2025.2486573">https://doi.org/10.1080/03772063.2025.2486573</a>		1.3
16	Akshat Bhat, Bhaskar Awadhiya, Sameer Yadav, Yashwanth Nanjappa, Abhishek Pahuja, Sachin Agrawal	Ambipolarity suppression electrically doped tunnel field effect transistor using asymmetric bias in polarity gates	Elsevier's e-Prime - Advances in Electrical Engineering, Electronics and Energy	NIL	<a href="https://doi.org/10.1016/j.prime.2025.100928">https://doi.org/10.1016/j.prime.2025.100928</a>	11	--
17	Hemant Kr. Varshney, Sachin Agrawal, Dharmendra Kumar Jhariya	Design of a High-Gain UWB Antenna with Band Notch Characteristics using Frequency Selective Surface	IETE Technical Review	NIL	<a href="https://doi.org/10.1080/02564602.2025.2501947">https://doi.org/10.1080/02564602.2025.2501947</a>	NIL	1.3
18	Hemant Kr. Varshney, Sachin Agrawal, Dharmendra Kumar Jhariya	Design and Optimization of Broadband Circular Polarized Miniaturized UWB Antenna using Machine Learning	AEU-International Journal of Electronics and Communications	NIL	<a href="https://doi.org/10.1016/j.aeue.2025.155824">https://doi.org/10.1016/j.aeue.2025.155824</a>	NIL	3
19	Shabya Gupta, Madhulika Verma, Sachin Agrawal	Enhanced Switching Characteristics of Circular-Shaped Double-Gate Si-Doped MoS <sub>2</sub> TFET for Future High-Speed Applications	Micro and Nanost ructures	NIL	Accepted on 24/05/2025	NIL	2.7
20	Madhulika Verma, G. S. Sahoo and G. P. Mishra	"Bandgap engineering and passivation in top and bottom layer of GaAsP/Si tandem solar cell for efficiency improvement"	Journal of Optics (Springer)	Print ISSN 0972-8821	10.1007/s12596-025-02763-y	NIL	1.6



21	Kumar, A., Dharmendra Kumar Jhariya	A Compact Modified E-Shaped UWB Bandpass Filter with Notch Band	National Academy Science Letters (Springer Nature)	2250-1754	<a href="https://doi.org/10.1007/s40009-024-01531-z">https://doi.org/10.1007/s40009-024-01531-z</a>	2024.	1.2
22	Kumar, A., Dharmendra Kumar Jhariya	A Compact E Shaped MMR Wideband Bandpass Filter with Notched Band Utilizing SIR	National Academy Science Letters (Springer Nature)	2250-1754	<a href="https://doi.org/10.1007/s40009-024-01476-3">https://doi.org/10.1007/s40009-024-01476-3</a>	2024.	1.2
23	A. Kumar, R.S., and Dharmendra Kumar Jhariya	A compact differential wideband bandpass filter with good out-of-band performance	Electromagnetics (Taylor & Francis)	0272-6343	<a href="https://doi.org/10.1080/02726343.2025.2472074">https://doi.org/10.1080/02726343.2025.2472074</a>	2024.	1.6
24	Devansh Gahlawat, Jaspinder Kaur, Rikmantra Basu, Ajay Kumar Sharma, Uma Rani, Jaya Madan and Rahul Pandey	Numerical insights into the electronic, spectral and impedance characterization of bandgap-engineered Ba(Zr,Ti)S <sub>3</sub> photovoltaic structures	Journal of Optics, Springer	Electronic ISSN 0974-6900 Print ISSN 0972-8821	10.1007/s12596-025-02754-z	pp. 1-23	5.7
25	Harshit Saxena, Jaspinder Kaur, Rikmantra Basu, Ajay Kumar Sharma, Jaya Madan and Rahul Pandey,	Optimization of Double Absorber Antimony Chalcogenide-Based Solar Cells: A Comprehensive Parametric Optimization to Achieve 28.4% Conversion Efficiency	Micro and Nano-Structures, Elsevier,	Online ISSN: 2773-0123 Print ISSN: 2773-0131	<a href="https://doi.org/10.1016/j.micrna.2025.208215">https://doi.org/10.1016/j.micrna.2025.208215</a>	vol. 205, pp. 208193 (1-14).	3.1
26	Surender Kumar, Devansh Gahlawat, Jaspinder Kaur, Rikmantra Basu, Ajay Kumar Sharma, Siddhanth Garg, Manisha Bharti, Jaya Madan and Rahul Pandey	Numerical Optimization and Comparative Analysis of Bandgap-Engineered BaZrS <sub>3</sub> Chalcogenide Perovskite Solar Cells with Site-Specific Alloying	Journal of Physica B: Condensed Matter, Elsevier	Print ISSN: 0921-4526 Online ISSN: 1873-2135	<a href="https://doi.org/10.1016/j.physb.2025.417351">https://doi.org/10.1016/j.physb.2025.417351</a>	pp. 417351 (1-18)	3.02
27	Mohan Kumar Paswan and Rikmantra Basu	Surface Plasmon Resonance Sensor for Milk Adulteration Detection Using a CaF <sub>2</sub> Prism, Ag Film, and Black Phosphorus Layer	Micro and Nano-Structures, Elsevier	Online ISSN: 2773-0123 Print ISSN: 2773-0131	<a href="https://doi.org/10.1016/j.micrna.2025.208193">https://doi.org/10.1016/j.micrna.2025.208193</a>	vol. 205, pp. 208193 (1-14).	3.1



28	Pratyush Panda, Jaspinder Kaur, Rikmantra Basu, Ajay Kumar Sharma, Jaya Madan and Rahul Pandey	Toward high-efficiency photovoltaics: $\text{MASnI}_3$ and $\text{FASnI}_3$ double absorber perovskite solar cells with optimized conversion efficiency of 28 %	Journal of Physica B, Condensed Matter, Elsevier	Print ISSN: 0921-4526 Online ISSN: 1873-2135	<a href="https://doi.org/10.1016/j.physb.2025.417232">https://doi.org/10.1016/j.physb.2025.417232</a>	, Vol. 710, 2025, pp. 417232 (1-16),	3.02
29	Manu Agarwal, Jaspinder Kaur, Rikmantra Basu, Ajay Kumar Sharma, Jaya Madan and Rahul Pandey	Advanced numerical modeling of monolithic noncarcinogenic inorganic halide perovskite ternary chalcogenide tandem photovoltaic device	Journal of Optics, Springer	Electronic ISSN 0974-6900 Print ISSN 0972-8821	<a href="https://doi.org/10.1007/s12596-025-02646-2">https://doi.org/10.1007/s12596-025-02646-2</a>	pp. 1-17	1.6
30	Jaspinder Kaur, Amita Parate, Jyoteesh Malhotra, Rikmantra Basu, Ajay Kumar Sharma, Jaya Madan and Rahul Pandey	Unlocking the Potential of $\text{Sb}_2\text{S}_3$ Photovoltaics: A Simulationbased Exploration of a Dual ETM Architecture for HighEfficiency Solar Cells	Journal of Electronic Materials, Springer	Electronic ISSN 1543-186X Print ISSN 0361-5235	<a href="https://doi.org/10.1007/s11664-025-11795-w">https://doi.org/10.1007/s11664-025-11795-w</a>	pp. 1-12	5.7
31	Devansh Gahlawat, Jaspinder Kaur, Rikmantra Basu, Ajay Kumar Sharma, Siddhanth Garg, Manisha Bharti, Jaya Madan and Rahul Pandey	Advanced numerical modeling of multi-absorber $\text{Cs}_2\text{AgBiBr}_6/\text{CsSnCl}_3$ solar cells: unveiling charge dynamics, trap phenomena, and noise characterization of high-efficiency photovoltaics	Journal of Materials Chemistry C, Royal Society of Chemistry	Online only 2025: ISSN 2050-7534	10.1039/d4tc05003g	pp. 1-24	5.7
32	Jaspinder Kaur, Ajay Kumar Sharma, Rikmantra Basu, and Harjeevan Singh	Numerical simulation and performance optimization of nontoxic $\text{Cs}_2\text{TiBr}_6$ singlehalide perovskite solar cell by introducing interfacial defect layers	Journal of Optical and Quantum Electronics, Springer	Electronic ISSN 1572-817X Print ISSN 0306-8919	<a href="https://doi.org/10.1007/s11082-024-08023-w">https://doi.org/10.1007/s11082-024-08023-w</a>	vol. 57, Number 12, pp. 125504 (1-15)	2.6
33	Nikita, Rikmantra Basu, Jaspinder Kaur, Preeti Verma, Ajay Kumar Sharma, Jaya Madan, and Rahul Pandey	Comprehensive Numerical Simulation and Optimization of Lead-free Graded 2D-3D Perovskite Solar Cells	Solar Energy, Elsevier	Print ISSN: 0038-092X Online ISSN: 1471-1257	<a href="https://doi.org/10.1016/j.solener.2024.113204">https://doi.org/10.1016/j.solener.2024.113204</a>	113204.	6



34	Harshvardhan Kumar and Rikmantra Basu	High - Responsivity Waveguide-Integrated $Ge_{1-x}Sn_x/Ge$ Based p-i-n Photodetectors on Silicon Platform for Short-Wave Infrared Applications	IEEE Sensors Letters	Online ISSN: 2475-1472, Electronic ISSN: 2475-1472	0.1109/LSENS.2024.3512942	vol. 9(1), pp. 1-4	2.43
35	Jaspinder Kaur, Sidarth Garg, Rikmantra Basu, Ajay Kumar Sharma, Rahul Pandey, Jaya Madan, Md Saddullah	Performance Optimization of $MA_{0.5}FA_{0.5}PbI_3/CsPbI_3$ Based Hybrid Perovskite Solar Cell emphasizing on Double Absorber Layer	Physica Scripta, IOP Science	ISSN: 1402-4896	10.1088/1402-4896/ad86f8	vol. 99, Number 12, pp. 125504 (1-15)	2.6
36	Syamantak Gupta, Jaspinder Kaur, Rikmantra Basu, Ajay Kumar Sharma, Rahul Pandey, and Jaya Madan	Lead-free Cs2TiBr6 Perovskite Solar Cells achieving High Power Conversion Efficiency through Device Simulation	Micro and Nanos tructures, Elsevier	Online ISSN: 2773-0123 Print ISSN: 2773-0131	<a href="https://doi.org/10.1016/j.micrma.2024.207991">https://doi.org/10.1016/j.micrma.2024.207991</a>	pp. 207991	3.1
37	Devansh Gahlawat, Jaspinder Kaur, Rikmantra Basu, Ajay Kumar Sharma, Uma Rani, Jaya Madan, and Rahul Pandey	Advanced Numerical Modeling of BaZrS <sub>3</sub> Chalcogenide Perovskite Cells: Titanium Alloying and Back Surface Field Effects	Solar Energy, Elsevier	Print ISSN: 0038-092X Online ISSN: 1471-1257	<a href="https://doi.org/10.1016/j.solener.2024.112948">https://doi.org/10.1016/j.solener.2024.112948</a>	Volume 282, 1 November 2024, 112948	6
38	P. Raghav, Manisha Bharti, and N. Paras	Detection of Herpes Biomolecule using Ge-based Dielectrically Modulated TFET	International Journal of Microsystem and IoT	2584-0495	<a href="https://doi.org/10.5281/zenodo.14167709">https://doi.org/10.5281/zenodo.14167709</a>	Vol. 2, no. 10, Page No: 1246-1253	3.8
39	N. Paras, S. B. Rahi, A. K. Upadhyay, Manisha Bharti, and Y. S. Song	Design and analysis of novel La: HfO <sub>2</sub> gate stacked ferroelectric tunnel FET for non-volatile memory applications	Memories-Materials, Devices, Circuits and Systems	2773-0646	<a href="https://doi.org/10.1016/j.memori.2024.100101">https://doi.org/10.1016/j.memori.2024.100101</a>	Vol. 7, p. 100-101	1.07
40	Garg, S., Bharti, Manisha Bharti et al.	Advanced Numerical Modeling of Multi-Absorber Cs2AgBiBr6/CsSnCl3 Solar Cells: Unveiling Charge Dynamics, Trap Phenomena, and Noise Characterization for High-Efficiency Photovoltaics	Journal of Material Chemistry C	NIL	<a href="https://doi.org/10.1039/D4TC05003G">https://doi.org/10.1039/D4TC05003G</a>	Vol. 12, Issue 13, 6171-6194	5.7



41	P. K. Chakravarti, Manisha Bharti, & V. S. Pandey	Design and analysis of high gain and high bandwidth SIW antennas for Ka-band and mm-wave 5G high band communication	Engineering Research Express	2631-8695	DOI 10.1088/1367-8695/adc77f	Vol. 7; Issue: 2, 025311	1.5
42	P. Thakur, and Manisha Bharti	Performance analysis of NRZ, duobinary, CSRZ & VSB-CSRZ modulation formats for 32-channel WDM radio-over-fiber systems using single drive Mach-Zehnder modulator	Journal of Optics	0974-6900	<a href="https://doi.org/10.1007/s12596-025-02612-y">https://doi.org/10.1007/s12596-025-02612-y</a>	NIL	2.0
43	Kritika Upadhyay, and Manisha Bharti	Simulative Performance Investigation of OFDM & f-OFDM for Optical Wireless Communication System: SIMULATIVE PERFORMANCE INVESTIGATION OF OFDM & F-OFDM	Journal of Scientific & Industrial Research (JSIR)	2320-4818	<a href="https://doi.org/10.56042/jsir.v84i02.9213">https://doi.org/10.56042/jsir.v84i02.9213</a>	Vol:84, No: 02	0.5
44	P. K. Chakravarti, V. S. Pandey & Manisha Bharti	The design and development of a highly efficient printed dual-band MIMO antenna for futuristic satellite communication	Journal of Electromagnetic Waves and Applications	0920-5071	<a href="https://doi.org/10.1080/09205071.2025.2459782">https://doi.org/10.1080/09205071.2025.2459782</a>	Vol 39, Issue: 05	1.3
45	A.K. Tiwari, A. Ahmed, Manisha Bharti, and Gyanendra Sheoran	A wide-band frequency-selective surface for enhancing the performance of microstrip antenna	International Journal of Microwave and Wireless Technologies	1759-0787	<a href="https://doi.org/10.1017/S1759078725000212">https://doi.org/10.1017/S1759078725000212</a>	Vol 17, Issue: 01	1.2
46	Preeti Mehta, Mahesh Kumar Singh & Nitin Singha	Screen-Camera robust watermarking using Arnold Transform and Double-Density Dual-Tree Discrete Wavelet Transform.	Multimedia Tools Applications, Springer	ISSN 1380-7501	<a href="https://doi.org/10.1007/s11042-024-19954-7">https://doi.org/10.1007/s11042-024-19954-7</a>	1-17	3.0
47	Mahesh Kumar Singh and Amber Deep Pakharia	Robust cryptographic sub-block RO-PUF integrating reinforced modular PUF architecture	Strad Research, UGC Care	ISSN: 0039-2049	Doi:10.37896/sr11.7/017	VOLUME 11 – ISSUE 7	
48	Kamal Singh and Nitin Singha	Credit-based energy trading system using blockchain and machine learning.	journal of Super computing	NIL	10.1007/s11227-024-06073-1	vol. 80, pp. 15386–15407	2.4



49	Preeti Verma, Ajay K. Sharma, Vinay Shankar Pandey, Dhandapani Vaithiyathan	High-Speed and Area Efficient Low-Power Dynamic Parity Generator and Parity Checker	Analog Integrated Circuits and Signal Processing	1573-1979	<a href="https://doi.org/10.1007/s10470-025-02394-0">https://doi.org/10.1007/s10470-025-02394-0</a>	124, 9, pp. 1-13	1.2
50	Omendra Kumar Singh, Dhandapani Vaithiyathan, Baljit Kaur	Performance Evaluation of Dielectric Modulated Heterojunction DG-TFET Biosensor for Early Stage Breast Cancer Detection using Charge Control Methodology: A Simulation Study	Microsystem Technologies	1432-1858	<a href="https://doi.org/10.1007/s00542-025-05867-4">https://doi.org/10.1007/s00542-025-05867-4</a>	Online first	1.6
51	Anuraj V, Jodu Aravind, Ankith, Dhandapani Vaithiyathan, Preeti Verma	Efficient Integration of Wallace Tree and Baugh-Wooley Multiplier for High-Performance Signed Multiply and Accumulate (MAC) Units	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	2432-5953	<a href="https://doi.org/10.5109/7342450">https://doi.org/10.5109/7342450</a>	12, 01 pp. 217-226	
52	Britto Pari James, Leung Man-Fai, Karuthapandian Mariammal, Dhandapani Vaithiyathan	Delineation of Optimized Single and Multichannel Approximate DA-based Filter Design using Influential Single MAC Strategy for Trans-multiplexer	Sensors	1424-8220	<a href="https://doi.org/10.3390/s24227149">https://doi.org/10.3390/s24227149</a>	24, 22, 7149, pp. 1-19	3.4
53	S. Sharmila, R. S. Bhuvaneshwaran, Dhandapani Vaithiyathan	Performance Analysis of Modified Rubik's Cube Algorithm for Secured Image Security Applications	Indian Journal of Engineering and Materials Sciences (IJEMS)	0971-4588	<a href="https://doi.org/10.56042/ijems.v31i5.11330">https://doi.org/10.56042/ijems.v31i5.11330</a>	31, 5, pp. 687-698	0.7
54	Britto Pari James, Leung Man-Fai, Dhandapani Vaithiyathan, Karuthapandian Mariammal	Optimal Realization of Distributed Arithmetic-based MAC Adaptive FIR Filter Architecture incorporating Radix-4 and Radix-8 Computation	Electronics	2079-9292	<a href="https://doi.org/10.3390/electronics13173551">https://doi.org/10.3390/electronics13173551</a>	13,17,3551, pp. 1-19	2.6
55	Alok Kumar Mishra, Urvashi Chopra, Dhandapani Vaithiyathan, Baljit Kaur	A Low Power High-Speed Single Phase Clock Level Restoring 16T Master Slave Flip Flop	Circuit World	0305-6120	<a href="https://doi.org/10.1108/CW-08-2020-0196">https://doi.org/10.1108/CW-08-2020-0196</a>	50, 2/3, pp. 267-274	0.8



56	S. C. Prasanna, Britto Pari James, Dhandapani Vaithyanathan	High Speed and Area Efficient Coded Input BCSM shared LUT-based FIR Filter Architecture	International Journal of System Assurance Engineering and Management	0976-4348	<a href="https://doi.org/10.1007/s13198-024-02312-z">https://doi.org/10.1007/s13198-024-02312-z</a>	15, 7, pp. 3027-3038	1.6
57	R. Yadav, S. Gotra, V. S. Pandey, Anuj Kumar Sharma and Preeti Verma	Analytical and Mode Mapping Approach Using Machine Learning for Optimizing Hybrid Material-Based THz Antenna With Surface Plasmon Polaritonsin	IEEE Transactions on Plasma Science	1939-9375	10.1109/TPS.2025.3534289	53,3, 449-462	1.2
58	Sushank Chaudhary, Abhishek Sharma, Sunita Khichar, Yahui Meng & Jyoteesh Malhotra	Enhancing autonomous vehicle navigation using SVM-based multi-target detection with photonic radar in complex traffic scenarios	Science Report	ISSN 2045-2322 (online)	<a href="https://doi.org/10.1038/s41598-024-66850-z">https://doi.org/10.1038/s41598-024-66850-z</a>	17339 (2024)	4.379
59	Sushank Chaudhary, Abhishek Sharma, Qirui Li, Yahui Meng, Jyoteesh Malhotra	Enhancing Sustainable Transportation with Advancements in Photonic Radar Technology with MIMO and IIR Filtering for Adverse Weather Conditions	Sustainability	5426	<a href="https://doi.org/10.3390/su16135426">https://doi.org/10.3390/su16135426</a>	2024, 16(13)	3.3
60	Jaideep Kaur Mudhar; Jyoteesh Malhotra; Shalli Rani	Blockchain-Based Decentralized Access Control Framework for Enhanced Security and Privacy for Consumer Electronic Devices	IEEE Transactions on Consumer Electronics	Print ISSN: 0098-3063 Electronic ISSN: 1558-4127	10.1109/TCE.2024.3408281	Volume: 70, Issue: 4 6944 - 6951	4.3
61	Rajwinder SinghHardeep Kaur & Jyoteesh Malhotra	Cervical cancer detection through Pap smear images using hybrid deep feature extraction and ensemble machine learning	Multiscale and Multidiscip. Model. Exp. and Des.		10.1007/s41939-025-00834-y	8, 233 (2025)	1.9
62	Sushank Chaudhary, Abhishek Sharma, Sunita Khichar, Yahui Meng & Jyoteesh Malhotra	Enhancing autonomous vehicle navigation using SVM-based multi-target detection with photonic radar in complex traffic scenarios	Scientific Reports		10.1038/s41598-024-66850-z	14, 17339 (2024))	4.379



### Conference Publications

S.No	Author Details	Title of the Paper	Name of the Conference	ISSN Number	DOI	Month and Year
1.	Manjot Kaur Channi and Manoj Kumar	Design and Evaluation of Low Power 2 to 4 Decoder Circuit Using Three and Four Transistors NAND Gates	International Conference on Integrated Circuits, Communication, and Computing Systems (ICIC3S), 2024	01-May	10.1109/ICIC3S61846.2024.10602861	June 08-09, 2024
2.	Nampally Sai Rukmangad Rohit and Manoj Kumar	Low Power CMOS based 4-2 Compressor Architecture Using XOR-XNOR and Multiplexers	3rd International Conference on Computational Modelling, Simulation and Optimization (ICCMO), 2024	417-421	10.1109/ICCMO61761.2024.00087	June 14-16, 2024
3.	Priyanshu Lakra and Manoj Kumar	Design and Analysis of CMOS based VCO with Common Source Topology	3rd International Conference on Computational Modelling, Simulation and Optimization (ICCMO), 2024	393-397	10.1109/ICCMO61761.2024.00083	June 14-16, 2024
4.	Tejaswi Chetamoni, Mothe Rishi and Manoj Kumar	Design of Low Power CMOS based Array Multiplier in 90nm Technology	15th International Conference on Computing Communication and Networking Technologies (ICCCNT), 2024	NIL	10.1109/ICCCNT61001.2024.10724175	June 24-28, 2024
5.	Manvendra Singh, Manoj Kumar and Vandana Nath	Comparative Analysis of Reversible Arithmetic Logic Units (R-ALU) Using Verilog	First International Conference on Electronics, Communication and Signal Processing (ICECSP), 2024	NIL	10.1109/ICECSP61809.2024.10698408	August 08-10, 2024
6.	Kiran Kumar Kuna and Manoj Kumar	Low Power and High-Speed Current Mirror Based Level Shifter in Sub-Threshold Regime	First International Conference on Electronics, Communication and Signal Processing (ICECSP), 2024	NIL	10.1109/ICECSP61809.2024.10698522	August 08-10, 2024
7.	Ujala and Manoj Kumar	Low Power Hybrid Full Adder Design using MGDI Based XNOR Gate with Swing Restored Technique	International Conference on Wireless Communications Signal Processing and Networking (WISPNET), 2025	NIL	10.1109/WISPNET64060.2025.11005232	March 20-22, 2025



8.	Satyam Pandey, Prachi Agarwal, Dharmendra Kumar Jhariya and Manoj Kumar	Fuzzy Logic Based Non-Coherent FSK for Ambient Backscatter across OFDM Signals	International Conference on Wireless Communications Signal Processing and Networking (WiSPNET), 2025	NIL	10.1109/WiSPNET64060.2025.11005268	March 20-22, 2025
9.	Himanshu Singh, Baljit Kaur, Preeti Verma, and Dhandapani Vaithiyanathan	Low Trip Point and Write Power Single Ended Schmitt Trigger Based 9T SRAM Cell	7th International Symposium on Devices, Circuits and Systems (ISDCS 2025), IEST Shibpur, Kolkata, India	NIL	NIL	May 27-30, 2025
10.	Shubham Singh, Manoj Kumar, Dhandapani Vaithiyanathan, and Baljit Kaur	Performance Analysis of Voltage Second Generation Current Conveyor	3 <sup>rd</sup> IEEE International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3 2025), National Institute of Technology Uttarakhand, Srinagar, Uttarakhand, India	NIL	NIL	May 15-16, 2025
11.	Megavath Rajesh, Anuraj V, Dhandapani Vaithiyanathan, Manish Verma, Preeti Verma, and Baljit Kaur	Comparative Study of Multiplier Techniques for FIR Filters in Real-Time Multimedia Applications	3 <sup>rd</sup> IEEE International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3 2025), National Institute of Technology Uttarakhand, India	NIL	NIL	May 15-16, 2025
12.	Palempalli Bharath, Dhandapani Vaithiyanathan, Abhiram Giri, Manish Verma, Preeti Verma, and Baljit Kaur	Efficient FPGA Implementation of Hybrid ECG Data Compression for Remote Health Monitoring	3 <sup>rd</sup> IEEE International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3 2025), National Institute of Technology Uttarakhand, Srinagar, Uttarakhand, India	NIL	NIL	May 15-16, 2025
13.	Anuj Kaushik, Komal Gupta, Dhandapani Vaithiyanathan, Manish Verma, Preeti Verma, and Baljit Kaur	Study and Performance Evaluation of SRAM Cells in 18nm FinFET Technology	International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE), 2025, PES Institute of Technology and Management (PESITM), Shivamogga, Karnataka, India	NIL	NIL	April 24-25, 2025



14.	Dukka Alekhya, Baljit Kaur, Dhandapani and Vaithiyanathan	Delay Estimation of Standard Cells using Machine Learning	3 <sup>rd</sup> International Conference on Women Researchers in Electronics and Computing, Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab, India	NIL	NIL	April 18-19, 2025
15.	Himanshu Singh, Baljit Kaur, Preeti Verma, and Dhandapani Vaithiyanathan	Comparison of Differential and Single-Ended Schmitt Trigger Based SRAM cells	3 <sup>rd</sup> International Conference on Women Researchers in Electronics and Computing, Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab, India	NIL	NIL	April 18-19, 2025
16.	Dharmendra Yadav, Preeti Verma, Dhandapani Vaithiyanathan, and Baljit Kaur	High Performance Full Adder Using Multi Threshold and Power Gating	3 <sup>rd</sup> International Conference on Women Researchers in Electronics and Computing, Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab, India	NIL	NIL	April 18-19, 2025
17.	J. Kruthika, Dhandapani Vaithiyanathan, Manish Verma, Preeti Verma, Baljit Kaur, and V. Jeyalakshmi	Assessment of Voltage Level Shifter Performance Across Several Technology Nodes	Green Revolution in Electronics Engineering and Networks Conference (GREENCON) 2025, School of Electronics Engineering, VIT Chennai, Tamil Nadu, India	NIL	NIL	March 19-21, 2025
18.	Nitu Swargiya, Dhandapani Vaithiyanathan, Tulika Chawla and Baljit Kaur	Study the Impact of Work-Function Variation on Vertical TFET Device	7 <sup>th</sup> International Conference on Signal Processing, Computing and Control (ISPCC 2k25), Jaypee University of Information Technology Waknaghat, Solan, Himachal Pradesh, India	NIL	NIL	March 6-8, 2025
19.	Rahul Kumar, Dhandapani Vaithiyanathan, Jyoteesh Malhotra, Preeti Verma and Baljit Kaur	Study and Experimental Analysis of High-Performance Low-Power ALU using FinFET Device	10 <sup>th</sup> International Conference on Signal Processing and Communication (ICSC), 2025, Jaypee Institute of Information Technology Noida, Uttar Pradesh, India	905 - 910	10.1109/ICSC64553.2025.10968861	February 20-22, 2025



20.	Dhrumil, Dhandapani Vaithiyanathan, Preeti Verma, and Baljit Kaur	Implementation and Experimental Analysis of Anti-Theft Alarm System	First International Conference on Electronics, Communication and Signal Processing (ICECSP), 2024 National Institute of Technology Delhi, New Delhi, India	NIL	10.1109/ICECSP61809.2024.10698192	August 08-10, 2024
21.	Lingampalli Venkat Laxmi Saikanth, Dhandapani Vaithiyanathan, Preeti Verma, and Baljit Kaur	Comparison and Analysis of Multiplier Using Different Adder Techniques	Sixth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2024), Chhattisgarh Swami Vivekananda Technical University, Bhilai, Chhattisgarh, India	NIL	NIL	June 26-28, 2024
22.	Swant Arya, Dhandapani Vaithiyanathan, and Baljit Kaur	Performance Analysis of Low Ambipolar Current Tunnel Field Effect Transistor	Sixth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2024), Chhattisgarh Swami Vivekananda Technical University, Bhilai, Chhattisgarh, India	NIL	NIL	June 26-28, 2024
23.	Utsav Kumar, Pratik Parihar, Dhandapani Vaithiyanathan, Preeti Verma, and Baljit Kaur	Analysis and Performance Evaluation of CFAR Algorithms and Computational Assessment on CPU, GPU and Numba	Sixth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2024), Chhattisgarh Swami Vivekananda Technical University, Bhilai, Chhattisgarh, India	NIL	NIL	June 26-28, 2024
24.	Laldinpuii Colney, Sandeep Kumar, and Arathy Rajeev	Image Enhancement Using Color Balance and Contrast Limited Adaptive Histogram Equalization	4th International Conference on Sustainable Expert Systems (ICSES)	Electronic ISBN:979-8-3315-4036-4 DVD ISBN:979-8-3315-4035-7 Print on Demand (PoD) ISBN:979-8-3315-4037-1	10.1109/ICSES63445.2024.10763082	October 15-17, 2024



25.	Arathy Rajeev, and Sandeep Kumar	Investigating EEG Biomarker Profiles Across Neurodegenerative Disease States	International Conference on Electrical Electronics and Computing Technologies (ICEECT), 2024	Electronic ISBN:979-8-3503-7809-2 Print on Demand (PoD) ISBN:979-8-3503-7810-8	10.1109/ICEEC T61758. 2024.10 738968	August 29-31, 2024
26.	Pratik Parihar, Sandeep Kumar, Manisha Bharati, and Utsav Kumar	Enhancing Lung Disease Classification through Deep Learning: A Comprehensive Study and Model Evaluation	International Conference on Electrical Electronics and Computing Technologies (ICEECT), 2024	Electronic ISBN:979-8-3503-7809-2 Print on Demand (PoD) ISBN:979-8-3503-7810-8	10.1109/ICEECT6175 8.20 24.10739291	August 29-31, 2024
27.	Mahak Jodwal, Sandeep Kumar, Laldinpuui Colney, and Manisha Bharti	Performance Analysis of Speech Enhancement Techniques	First International Conference on Electronics, Communication and Signal Processing (ICECSP), 2024	Electronic ISBN:979-8-3503-6459-0 Print on Demand (PoD) ISBN:979-8-3503-7538-1	10.1109/ICECSP 61809.2 024.10698182	August 08-10, 2024
28.	Nemali Sai Kiran, and Sandeep Kumar	Performance Evaluation of Adiabatic Logic-Based Multiplexer and Full Adder Circuits for Ultra-Low Power Applications	First International Conference on Electronics, Communication and Signal Processing (ICECSP), 2024	Electronic ISBN:979-8-3503-6459-0 Print on Demand (PoD) ISBN:979-8-3503-7538-1	10.1109/ICECSP618 09.20 24.10698557	August 08-10, 2024
29.	Pranshu Upadhyay, Sandeep Kumar, Kritika Upadhyay, and Manisha Bharti	Performance Analysis of AIRBORNE SAR System	First International Conference on Electronics, Communication and Signal Processing (ICECSP), 2024	Electronic ISBN:979-8-3503-6459-0 Print on Demand (PoD) ISBN:979-8-3503-7538-1	10.1109/ICECSP6180 9.2024. 10698459	August 08-10, 2024
30.	Manisha Bharti, Sandeep Kumar, Pranshu Upadhyay, Piyush Ranjan, Kritika Upadhyay	Improved Object Detection with YOLOv3 using Blur Images	Adaptive Intelligence. InCITe 2024. Lecture Notes in Electrical Engineering, vol 1280. Springer, Singapore.	Online ISBN978-981-97-9045-6	<a href="https://doi.org/10.1007/978-981-97-9045-6_7">https://doi.org/10.1007/978-981-97-9045-6_7</a>	February 28, 2025



31.	Himanshu Nagpal, and Sachin Agrawal	A Compact Super Wideband Antenna with Dual Band Notched Characteristics for 5G Applications	IEEE ICPEICES-2024 DTU Delhi	NIL	NIL	April 26-28, 2024
32.	Himanshu Nagpal, and Sachin Agrawal	Design a Super Wideband Antenna with Dual Band Notch Characteristics and its MIMO Applications	MAPCON 2024	NIL	NIL	December 09-13, 2024
33.	Hemant Kr. Varshney, Sachin Agrawal, and Dharmendra Kumar Jhariya	Design and Analysis of Four-Element WLAN Band Notched UWB Antenna for MIMO Applications	MAC 2024	NIL	NIL	December 09-13, 2024
34.	Divya, Madhulika Verma, and Sachin Agrawal	Implementation and Performance Analysis of Vertical Stacked Double Gate TFET for Gas Sensing Applications	IEEE ICPEICES-2024	NIL	NIL	April 26-28, 2024
35.	Kuldeep Dutt, Madhulika Verma, and Sachin Agrawal	Analysis of an n+ pocket doped Double Gate Bilateral TFET Biosensor for Cancer Detection	IEEE_MYSURUCON-2024	NIL	NIL	August 30-31, 2024
36.	Narendra, Madhulika Verma, and Sachin Agrawal	Performance Analysis of GaSb/InAs Heterojunction TFET for Gas Sensing Applications	First International Conference on Electronics, Communication and Signal Processing (ICECSP 2024)	NIL	NIL	August 08-10, 2024
37.	Vishnu Shankar, Vibhav Singh, Vibhash Choudhary, and Sachin Agrawal	An Enhanced Car Parking Detection Using YOLOv8 Deep Learning Capabilities	First International Conference on Electronics, Communication and Signal Processing (ICECSP 2024)	NIL	NIL	August 08-10, 2024
38.	Ankita Singh, Madhulika Verma, and Sachin Agrawal	SiGe Pocket Engineering in DG-DD-HTFET for Low-Power Devices	ISPCC 2025	NIL	NIL	March 6-8, 2025
39.	Indradeep Bhattacharyay, Dhandapani Vaithiyanathan, Dharmendra K Jhariya and Manish Verma,	High performance Binary to Gray code converter using Fredkin Gate	12th International Conference on Internet of Everything, Microwave, Embedded, Communication and Networks (IEMECON), Jaipur, India, 2024	ISBN:979-8-3503-8732-2	<a href="https://doi.org/10.1109/IEMECON.2024.10846787">https://doi.org/10.1109/IEMECON.2024.10846787</a>	January 23, 2025



40.	Archana, Manish Verma and Dhandapani Vaithyanathan	Investigation of FinFET with Multi-Channel Structures on Device Characteristics	IEEE International Conference of Electron Devices Society Kolkata Chapter (EDKCON), Kolkata, India, 2024	ISBN:979- 8-3503- 7465-0	<a href="https://doi.org/10.1109/EDKCO N6233 9.202 4.10870759">https://doi. org/10.1109/ EDKCO N6233 9.202 4.10870759</a>	February 13, 2025
41.	Y. Kumar, Dhandapani Vaithyanathan and Manish Verma,	Solar energy forecasting: A comparison on Regression and Artificial Neural Network models	First International Conference on Innovations in Communications, Electrical and Computer Engineering (ICICEC), Davangere, India, 2024,	ISBN:979- 8-3503- 7652-4	<a href="https://doi.org/10.1109/ICICE C62498 .2024 .10808559">https://doi. org/10.1109/ ICICE C62498 .2024 .10808559</a>	Decem ber 30, 2024
42.	V. K. Ranjan, A. Kumar and Dharmendra Kumar Jhariya	Wideband Band Pass Filter for High Band 5G Applications	International Conference on Electrical Electronics and Computing Technologies (ICEECT), 2024, Greater Noida, India	979-8- 3503- 7809-2	DOI- 10.1109/ ICEECT6175 8.2024.1 0739135	August 29-31, 2024
43.	Y. Pathak and Dharmendra Kumar Jhariya	Minimizing Leakage Current & Ground Rail Fluctuations in 1-Bit 8t Full Adder Circuit Using MTCMOS Techniques	First International Conference on Electronics, Communication and Signal Processing (ICECSP), 2024, New Delhi, India	979-8- 3503- 6459-0	DOI- 10.1109/ ICECSP618 09.2024 .10698316.	August 29-31, 2024
44.	Varsha and Dharmendra Kumar Jhariya	Routing Protocols Characterization in Real-World Vehicular Network	First International Conference on Electronics, Communication and Signal Processing (ICECSP), 2024, New Delhi, India,	979-8- 3503- 6459-0	DOI-10.1109/ ICECSP61809 .2024.106 98136.	August 08-10, 2024
45.	P. Agarwal, R. Kumar, Dharmendra Kumar Jhariya and Mahesh Kumar Singh	Comparative Analysis of Machine Learning Algorithms for LOS/ NLOS Identification	First International Conference on Electronics, Communication and Signal Processing (ICECSP), New Delhi, India, 2024	979-8- 3503- 6459-0	DOI- 10.1109/ ICECSP61809. 2024.106 98216	August 08-10, 2024
46.	P. K. Gautam and Dharmendra Kumar Jhariya	Design of a 4-element UWB-MIMO Antenna for X, Ku, and K Band Applications	IEEE Wireless Antenna and Microwave Symposium (WAMS), Visakhapatnam	979-8- 3503- 5892-6	DOI-10.1109/ WAMS59642. 2024.10 528060.	February 29- March 03, 2024
47.	V. Kumar, M. Arya, A. Kumar and Dharmendra Kumar Jhariya	Design and Comparison Between IIR Butterworth and Chebyshev Digital Filters using MATLAB	Fourth International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT), 2024, Bhilai	979-8- 3503- 4367-0	DOI-10.1109/ ICAECT60202 .2024.10 469026.	January 11-12, 2024



48.	A. Kumar and Dharmendra Kumar Jhariya	Dual-Band UWB Bandpass Filter for 5G Network and Wi-Fi Communication	4th International Conference on Advancement in Electronics & Communication Engineering (AECE)	979-8-3503-6472-9	DOI-10.1109/AECE628.03.2024.10911379	November 22-23, 2024
49.	Aamina Jalal, Dharmendra Kumar Jhariya, and Manish Verma	Investigating Oxide Material and Thickness Effects on Key Performance Parameters of Dual Source Vertical TFE	12 <sup>th</sup> International Conference on the Internet of Everything, Microwave, Embedded, Communication and Networks (IEMECON2024)	979-8-3503-8731-5	DOI-10.1109/IEMECON624.01.2024.10845981	October 24-26, 2024
50.	V. Kumar and Dharmendra Kumar Jhariya	Performance analysis of different Level shifters at a lower technology node	12 <sup>th</sup> International Conference on the Internet of Everything, Microwave, Embedded, Communication, and Networks (IEMECON2024)	979-8-3503-8731-5	DOI-10.1109/IEMECON624.01.2024.10846276	October 24-26, 2024
51.	Indradeep Bhattacharyay, Dhandapani Vaithiyanathan, Dharmendra Kumar Jhariya, and Manish Verma	High-performance Binary to Gray code converter using Fredkin Gate	12 <sup>th</sup> International Conference on the Internet of Everything, Microwave, Embedded, Communication, and Networks (IEMECON2024)	979-8-3503-8731-5	DOI-10.1109/IEMECO.2024.10846787	October 24-26, 2024
52.	Amit Kumar, Dhanishta Khanna, Sourav Chauhan, and Dharmendra Kumar Jhariya	High-Performance Coupled Line Ultra-Wideband Filter for Wireless Communication	International Conference on Sustainability and Technological Advancements in Engineering Domain, School of Engineering & Technology, Manav Rachna International Institute of Research and Studies, Faridabad, in Association with IEEE India Council	NA	NA	December 13-14, 2024
53.	A. Jalal, Dharmendra Kumar Jhariya Varsha, and Manish Verma	Corner Pockets in Dual-Source Vertical TFET: A Key Strategy for Enhanced DC and RF Performance	Devices for Integrated Circuit (DevIC), 2025, Kalyani, India	2996-3044	DOI-10.1109/DevIC63.2025.11012284	April 5-6, 2025
54.	S. Pandey, P. Agarwal, Dharmendra Kumar Jhariya, and M. Kumar	Fuzzy Logic-Based Non-Coherent FSK for Ambient Backscatter across OFDM Signals	International Conference on Wireless Communications Signal Processing and Networking (WISPNET), 2025, Chennai	979-8-3315-2422-7	DOI-10.1109/WISPNET64.2025.11005268	February 20-22, 2025



55.	Surender Singh Bisht and Dharmendra Kumar Jhariya	Wireless Power Transfer Enhanced by Metamaterial Application in Wireless Charging of Electric Vehicles	First International Conference on Recent Advances in Smart Energy System & Intelligent Automation (Hybrid Mode) (RASESIA 2024) organized by the Departments of Electrical Engineering, National Institute of Technology Kurukshetra, Haryana, India.	NA	NA	June 14-15, 2024
56.	Viswajit Kumar and Dharmendra Kumar Jhariya	Scaling Performance of Domino Circuit with a Variation Resilient Keeper	International Conference on "IoT Based Recent Trends Engineering and its Applications (IBRTEA-2024) being organized by Khalsa College of Engineering and Technology, Amritsar in association with DST-SRB, 2024. (Springer)	978-81-965908-7-1	<a href="https://www.researchgate.net/publication/380533566_DESIGN_AND_PERFORMANCE_INVESTIGATION_OF_MULTIPLEXER_AND_DEMULTIPLEXER_USING_90NM_TECHNOLOGY">https://www.researchgate.net/publication/380533566_DESIGN_AND_PERFORMANCE_INVESTIGATION_OF_MULTIPLEXER_AND_DEMULTIPLEXER_USING_90NM_TECHNOLOGY</a>	April 4-5, 2024
57.	Sitaram Kumar, Amit Kumar and Dharmendra Kumar Jhariya	Design and Performance Investigation of Multiplexer and Demultiplexer using 90nm Technology	International Conference on "IoT Based Recent Trends Engineering and its Applications (IBRTEA-2024) being organized by Khalsa College of Engineering and Technology, Amritsar in association with DST-SRB, 2024. (Springer)	978-81-965908-7-1	<a href="https://www.researchgate.net/publication/380533566_DESIGN_AND_PERFORMANCE_INVESTIGATION_OF_MULTIPLEXER_AND_DEMULTIPLEXER_USING_90NM_TECHNOLOGY">https://www.researchgate.net/publication/380533566_DESIGN_AND_PERFORMANCE_INVESTIGATION_OF_MULTIPLEXER_AND_DEMULTIPLEXER_USING_90NM_TECHNOLOGY</a>	April 4-5, 2024



58.	L. Negi, Sandeep Kumar and Manisha Bharti	A Hybrid Data Security Technique Using Chaos Encryption, RC4 Encryption, Huffman Data Compression and LSB Steganography	2nd International Conference on Device Intelligence, Computing and Communication Technologies (DICCT), Dehradun, India	NIL	<a href="https://doi.org/10.1109/DICC.T61038.2024.10532929">https://doi.org/10.1109/DICC.T61038.2024.10532929</a> . pp. 288-293	March 15-16, 2024
59.	M. Sachan, W. V. Devi and Manisha Bharti	Optimized Channel Length and Off State Current for InAs/Si Heterojunction TFET	10th International Conference on Signal Processing and Communication (ICSC), Noida, India, 2025	ISBN No: 979-8-3315-1189-0	<a href="http://doi.org/10.1109/ICSC64553.2025.10968585">http://doi.org/10.1109/ICSC64553.2025.10968585</a> .	February 20-22, 2025
60.	P. Thakur and Manisha Bharti	Design and Performance Analysis of a 16-Channel DWDM RoF System Using 112 Gbps Coherent DP-QPSK Modulation	10th International Conference on Signal Processing and Communication (ICSC), Noida, India, 2025	ISBN No: 979-8-3315-1189-0	<a href="http://doi.org/10.1109/ICSC64553.2025.10967719">http://doi.org/10.1109/ICSC64553.2025.10967719</a>	February 20-22, 2025
61.	P. Raghav, Manisha Bharti and N. Paras	Performance Evaluation of Ge-Source Dielectrically Modulated TFET	First International Conference on Electronics, Communication and Signal Processing (ICECSP), New Delhi, India, 2024	Electronic ISBN:979-8-3503-6459-0 Print on Demand (PoD) ISBN:979-8-3503-7538-1	<a href="http://doi.org/10.1109/ICECSP61809.2024.10698660">http://doi.org/10.1109/ICECSP61809.2024.10698660</a> .	August 8-10, 2024
62.	S. Saurabh, Manisha Bharti and N. Paras	A Comprehensive Evaluation of Schmitt Trigger Designs in 90nm CMOS Technology	First International Conference on Electronics, Communication and Signal Processing (ICECSP), New Delhi, India, 2024	Electronic ISBN:979-8-3503-6459-0 Print on Demand (PoD) ISBN:979-8-3503-7538-1	<a href="http://doi.org/10.1109/ICECSP61809.2024.10698593">http://doi.org/10.1109/ICECSP61809.2024.10698593</a> .	August 8-10, 2024
63.	Varnika, S. Jain, H. Vishvakarma, P. K. Chakravarti and Manisha Bharti	Compact Planar Antenna Loaded with H and S Slots for 5G and Advanced Wireless Communication System	First International Conference on Electronics, Communication and Signal Processing (ICECSP), New Delhi, India, 2024	Electronic ISBN:979-8-3503-6459-0 Print on Demand (PoD) ISBN:979-8-3503-7538-1	<a href="http://doi.org/10.1109/ICECSP61809.2024.10698037">http://doi.org/10.1109/ICECSP61809.2024.10698037</a>	August 8-10, 2024



64.	P. Sharma, Manisha Bharti and N. Paras	Dynamic Power Reduction in dual edge triggered D-Flip-flop clock gating using Memristor	IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), Bhopal, India, 2024	NIL	<a href="http://doi.org/10.1109/SCEECS61402.2024.10482102">http://doi.org/10.1109/SCEECS61402.2024.10482102</a> .	February 24-25, 2024
65.	Aniket, Manisha Bharti, and Sandeep Kumar	Enhancing Hiring Decisions Through Machine Learning: Textual Analysis in Resume Evaluation	International Conference on IoT based Recent Trends in Engineering and its Applications (IBRTEA-2024) organized by Khalsa College of Engineering and Technology, Amritsar	ISBN: 978-81-19674-48-0	NIL	April 4-5, 2024
66.	Ahamd Raza, Mahesh Kumar Singh and Abhishek Upadhyay	Secure 16-bit Low Power Linear Feedback Shift Register for Advance Communication System at 90nm Technology	International Conference on Engineering & Technology (ICET-24), 10th February 2024   Hyderabad, India	NIL	NIL	May 30-31, 2024
67.	Mahesh Kumar Singh, Gaurav Singh and Abhishek U	Innovative Approach to Design High Speed And Power Effective Content Addressable Memory	IEEE International Students' Conference on Electrical, Electronics and Computer Science, 2024, held at NIT Bhopal	NIL	NIL	February 24-25, 2024
68.	Harshit Panwar, Mahesh Kumar Singh and Nitin Singha	Performance Comparison of Conventional PulseTriggered Flip Flops and a Pulse Flip Flop with Signal Feed Through Technique	IEEE Parul University International conference on Engineering and Technology (PICET-2024)-2024. MAY 03-04, 2024. Vadodara	NIL	NIL	May 03-04, 2024
69.	P. Harshit, Mahesh Kumar Singh, and Nitin S. Singha	Novel Signal-Feedthrough Flip-Flop Operation with Low Power Consumption and High Speed	First International Conference on Electronics, Communication and Signal Processing (ICECSP 2024) held at NIT Delhi	NIL	NIL	August 08-10, 2024
70.	Mahesh Kumar Singh, Amber deep P.	cryptographic sub-block RO-PUF integrating embedding in modular PUF architecture	15th INTERNATIONAL IEEE CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)-June 24 - 28, 2024, IIT - Mandi, Himachal Pradesh, India	NIL	NIL	June 24 - 28, 2024



71.	Seema Devi, Kamal Singh, Nitin Singha, and Mahesh Kumar Singh	A Comparative Analysis for EEG- Based Motor Imagery Classification Across Diverse Datasets	First International Conference on Electronics, Communication and Signal Processing (ICECSP 2024) held at NIT Delhi	NIL	NIL	August 08-10, 2024
72.	Shriti Suman and Mahesh Kumar Singh	Double Gate with Triple Metal Vertical TFET: DC and RF Performance due to Gate to Drain Overlap	International Conference on Robotics, Communication Technology, Electronics, and Electrical Engineering (ICRRCTEEE-2025)	NIL	NIL	February 14-15, 20225.
73.	Bishnu Sharma and Mahesh Kumar Singh	Analysis of Multiple Chaos-Based Cryptosystem for Encryption and Decryption	International Conference on Advanced Research in Cloud Computing and Computer Science (ICARCCC-2025)	NIL	NIL	February 07-08, 2025.
74.	Sujin Oommen and Mahesh Kumar Singh	comparative study of Distinct chaos Based Image Encryption and Decryption Algorithms	International Conference on Advanced Research in Cloud Computing and Computer Science (ICARCCC-2025)	NIL	NIL	February 07-08, 2025.
75.	Ankur Mittal, Mahesh Kumar Singh, and Nitin Singha	face emotion recognition using various deep learning methods	International conference on Robotics, Communication and Soft computing (IRCSC-2025) held at National Institute of Technology Sikkim	NIL	NIL	May 01-03, 2025.
76.	Megavath Rajesh, Anuraj V, Dhandapani Vaith iyanathan, Manish Verma, Preeti Verma, and Baljit Kaur	Comparative Study of Multiplier Techniques for FIR Filters in Real- Time Multimedia Applications	3 <sup>rd</sup> IEEE International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3 2025)	NIL	NIL	May 15-16, 2025



77.	Abha Maurya, Dhandapani Vaithiyanathan, Anuj Kumar Sharma, and Shivamogga	Gallium Phosphide based Tunable Wideband Photodetector with High Responsivity in Vis-NIR	International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	NIL	NIL	April 24-25, 2025
78.	S. Sharmila, R. S. Bhuvaneswaran, and Dhandapani Vaithiyanathan	Enhanced Image Encryption Using Chaotic Systems and Rubik's Cube Transformations: A Comparative Performance Analysis	International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	NIL	NIL	April 24-25, 2025
79.	Dharmendra Yadav, Preeti Verma, Dhandapani Vaithiyanathan, and Baljit Kaur	High Performance Full Adder Using MultiThreshold and Power Gating	3 <sup>rd</sup> International Conference on Women Researchers in Electronics and Computing	NIL	NIL	April 18-19, 2025.
80.	Archana, Subodh Wairya, Dhandapani Vaithiyanathan and Manish Verma	Design and Optimization of Dual-Source Vertical TFETs: Comparing Overlapped and Non-Overlapped Channel Architectures	Devices for Integrated Circuit (DevIC) 2025	NIL	10.1109/DevIC63749.2025.11012303	April 05-06, 2025
81.	Jeyalakshmi. V, Arjun Chakkrapani, Preethaa Jansirani, Kripa. S, and Dhandapani Vaithiyanathan	Obstacle Avoidance: Transfer Learning and FPGA for Acceleration	6th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI)	NIL	10.1109/ICMCSI64620.2025.10883627	March 15, 2025
82.	Ankit, Anuraj V, Preeti Verma, and Dhandapani Vaithiyanathan	Implementations and Analysis of Efficient Adders for 8, 16, and 32-Bit Design	First IEEE International Conference for Women in Computing (InCoWoCo 2024)	NIL	10.1109/InCoWoCo64194.2024.10863541	November 14-15, 2024
83.	Anuraj V, and Dhandapani Vaithiyanathan	Study and Experimental Analysis of FIR Hardware Architecture for Real-time Multimedia Applications	2024 First International Conference on Innovations in Communications, Electrical and Computer Engineering (ICICEC 2024)	NIL	10.1109/ICICEC62498.2024.10808199 (Best Paper Award)	October 24-26, 2024



84.	Ashish Verma, Preeti Verma, and Dhandapani Vaithyanathan	Comparative Study Of GAA-JL Transistor with And Without FE Material for Hydrogen Gas Sensing	28 <sup>th</sup> IEEE International Symposium on VLSI Design and Test (VDAT-2024)	NIL	10.1109/VDAT63601.2024.10705719	September 1-3, 2024
85.	Hemasri Cheekati, Preeti Verma, and Dhandapani Vaithyanathan	Guava (Psidium Guajava) Disease Detection Using CNN	Sixth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2024)	NIL	NIL	June 26-28, 2024
86.	Nikhil Kadiyan, Preeti Verma, and Dhandapani Vaithyanathan	Study and Analysis of Plant Disease Identification Models	International Conference on Integrated Circuits, Communication, and Computing Systems (ICIC3S)	NIL	10.1109/ICIC3S61846.2024.10603350	June 08-09, 2024



## Department of Electrical Engineering

### Journal Publications

S.No	Author Details	Title of the Paper	Name Of the Journal	ISSN Number	DOI	Volume Number, Issue Number, Page Number	Impact Factor
1	N. Bhati and Ujjwal Kumar Kalla	Power factor corrected Y-cell modified boost converter fed battery charger for EV applications	e-Prime - Advances in Electrical Engineering, Electronics and Energy (Elsevier)	2772-6711	10.1016/j.prime.2024.100550	8, 100550	4.4
2	Nikhil Bhati, Ujjwal Kumar Kalla	Wind-Battery Hybrid Charging Station for Low Voltage Electric Vehicles	Arabian Journal for Science and Engineering		<a href="https://doi.org/10.1007/s13369-024-09808-7">https://doi.org/10.1007/s13369-024-09808-7</a>		3.43
3	Ahmad Khanday, S. Hamid Bhat, A., O. C. Sekhar	Enhancing Performance of In-direct Matrix Converter through Improved PWM Techniques for Reduced Switching Loss and Optimal DC-link Voltage,	International Journal of Circuit Theory and Applications, 2024	1097-007X	<a href="https://doi.org/10.1002/cta.4286">https://doi.org/10.1002/cta.4286</a>	1-20 7 September 2024	1.8
4	Ch. Rami Reddy, Joon-Ho Choi, O. C. Sekhar, Ilhami Colak & Muhammad Khalid	State of the Art Review of Islanding Detection Methods for Integrated Distributed Generation System	Electric Power Components and Systems		<a href="https://doi.org/10.1080/15325008.2024.2314197">https://doi.org/10.1080/15325008.2024.2314197</a>	Volume 52, 2024 - Issue 10	2.7
5	Khurshid Ul Haq, Farhad Ilahi Bakhsh and O. C. Sekhar	A novel topology with sextuple phase shift modulation (SPSM) based multi level dual active bridge converter for electric vehicle applications	Engineering Research Express	2631-8695	<a href="https://doi.org/10.1088/2631-8695/ada483">https://doi.org/10.1088/2631-8695/ada483</a>	Eng. Res. Express 7 (2025) 015311	1.5



6	Khurshid Ul Haq , Farhad Ilahi Bakhsh and O. C. Sekhar	Improved Performance of Dual Active Bridge Converter using Particle Swarm Optimization based Phase Shift Modulation for EV Application	Distributed Generation & Alternative Energy Journal,	2156-6550	doi: 10.13052/dgaej2156-3306.4027	Vol. 40 2, 361-400.	0.22
7	Rinku Kumar, Manish Kumar Saini, Pankaj Mukhija	Adaptive Distributed Control for Microgrids Facing Topological Changes and Generation Variability	Journal of Electrical Systems	1112-5209	-	Vol. 20, No. 10s pp. 2208-2219	-
8	Rinku Kumar, Pankaj Mukhija, Manish Kumar Saini	Optimising Load Management: A Contention-Based Block Approach in a Stand-Alone Hybrid AC/DC Microgrid System Analysis	Journal of Electrical Systems	1112-5209		Vol. 20, No. 10s pp. 3865-3878	
9	Nikhil Agrawal, Ansul Agarwal, Tirupathiraju Kanumuri	Application of Statistical Parameters to Analyse the Performance of PWM Techniques in 3-Level Inverter-Based Compensator for Power Quality Improvement	MAPAN	0974-9853	10.1007/s12647-023-00734-x	39, 511-523	1.0
10	Nikhil Agrawal, Ansul Agarwal, Tirupathiraju Kanumuri	3-level inverter-based compensator for power quality enhancement using proposed Trianguzoidal PWM technique	Physica Scripta	1402-4896	10.1088/1402-4896/ad522f	99(7), 1-19	2.6



11	Nikhil Agrawal, Ansul Agarwal, Tirup athiraju Kanumuri	Advanced PWM technique for power quality optimization in 5-level CHB inverter systems	Electrical Engineering	1432-0487	10.1007/s00202-024-02869-9	1-17	1.6
12	Nikhil Agrawal, Ansul Agarwal, Tirup athiraju Kanumuri	A dual-purpose novel converter for optimized hybrid energy system	Eng. Res. Express	2631-8695	10.1088/2631-8695/ada33c	7(1), 1-14	1.5
13	Nikhil Agrawal, Ansul Agarwal, Tirup athiraju Kanumuri	A next-generation hybrid energy converter empowered by machine learning; pioneering sustainable integration of photovoltaic and grid power	Neural Comput & Applic.	1433-3058	10.1007/s00521-025-11058-z	1-24	4.5
14	Rachna and Amit Kumar Singh	Analyzing electric vehicle performance considering smooth roads with seasonal variation	Electrical Engineering, Springer Nature	1432-0487	<a href="https://doi.org/10.1007/s00202-024-02722-z">https://doi.org/10.1007/s00202-024-02722-z</a>	Volume 107, pages 3709-3723, (2025)	1.7
15	Rachna and Amit Kumar Singh	Driving Towards Sustainability: Unveiling the Complexities of Electric Vehicle Range Optimization Across Diverse Terrain and Weather Conditions	International Energy Journal	1513-718X		Vol 25, No 1A (2025)	0.7
16	Morey, M., Gupta, N., Garg, M.M., Kumawat M.	Modified affine projection sign algorithm for power quality enhancement and metaheuristic-based MPPT in grid-interactive solar PV system: an experimental analysis	Electrical Engineering, Springer	0948-7921	<a href="https://doi.org/10.1007/s00202-024-02601-7">https://doi.org/10.1007/s00202-024-02601-7</a>	107, 1863-1883 (2025).	1.6



17	Anurag Gautam, Ibraheem, Gulshan Sharma, Manoj Kumawat, M. Faraz Ahmer	A novel solution for the power transmission congestion of deregulated power system using TCSC and TLBO algorithm	e-Prime – Advances in Electrical Engineering, Electronics and Energy, Elsevier	2772–6711	<a href="https://doi.org/10.1016/j.prime.2024.100592">https://doi.org/10.1016/j.prime.2024.100592</a>	Volume 8, 2024, 100592	2.1
18	Manoj Kumawat, Adeniyi Onaolapo, Gulshan Sharma, Ibrahim Cagri Barutcu, Temitope Adefarati & Ramesh Bansal	Integrated encoder-decoder-based wide and deep convolution neural networks strategy for electricity theft arbitration	Journal of Engineering and Applied Science, Springer	1110-1903	<a href="https://doi.org/10.1186/s44147-024-00428-4">https://doi.org/10.1186/s44147-024-00428-4</a>	71, 94 (2024)	0.598
19	Gulshan Sharma, Kumawat M.	Research on the incorporation of solar energy systems and the resulting problems throughout distribution network using the methods of MCS and SSA	ElectricPower Componentsand Systems (Taylor & Francis)	-	Accepted		1.7
20	Mounica M, Rajpathak BA, Kolhe ML, Naik KR, Moparathi JR, Kotha SK, D. Govind	Decentralized Energy Management for Efficient Electric Vehicle Charging in DC Microgrids: A Piece-Wise Droop Control Approach	processes-2025 (MDPI)		10.3390/pr13061748	13, 6, 1748	2.8



### Conference Publications

S.No	Author Details	Title of the Paper	Name of the Conference	ISSN Number	DOI	Month and Year
1	Prabhat Ranjan and Ujjwal Kumar Kalla	Comprehensive Study on Various Types of Magnets Used in Permanent Magnet Electrical Motor	2024 IEEE Region 10 Symposium (TENSYP)			2024
2	Piyush Kumar and Ujjwal Kumar Kalla	Optimal Control of Solar PV Fed Sensorless BLDC Motor Control using of PR Controller and EMF Observer	2024 IEEE Region 10 Symposium (TENSYP)			2024
3	Ahmad, Masyood O. C. Sekhar	Design and Analysis of 2-Pole Linear Induction Motor Using Ansys	2024 International Conference on Electrical, Electronics and Computing Technologies, ICEECT 2024 Greater Noida 29 August 2024	979-835037809-2	10.1109/ICEECT61758.2024.10739121	August 2024
4	Sumit kumar O. C. Sekhar	Design and Analysis of 12/16 Pole Flux Reversal Motor with Different Permanent Magnets using Ansys	2024 International Conference on Electrical, Electronics and Computing Technologies, ICEECT 2024 Greater Noida 29 August 2024	979-835037809-2	10.1109/ICEECT61758.2024.10738922	August 2024
5	Lakhimsetty, Suresh, Somasekhar V.T, and O. C. Sekhar	A Phase-Clamped Proportional Duty Decoupled SVPWM Technique for a Four-Level Open-End Winding Induction Motor Drive	4th IEEE International Conference on Sustainable Energy and Future Electric Transportation, SEFET 2024 Hyderabad 31 July 2024 through 3 August 2024	979-835038399-7	10.1109/SEFET61574.2024.10717950	August 2024



6	O. C. Sekhar, Bhat, Abdul H.; Lakhimsetty, Suresh	Development of a Sensor-Less Control Scheme for SRM-Based PHEV	4th IEEE International Conference on Sustainable Energy and Future Electric Transportation, SEFET 2024 Hyderabad 31 July 2024 through 3 August 2024	979-835038399-7	10.1109/SEFET61574.2024.10717886	August 2024
7	Manish Raj, Anmol Ratna Saxena	Solar PV and wind energy fed 4 kW DC Nanogrid With Light Electric Vehicle Load	2024 International Conference on Electrical Electronics and Computing Technologies (ICEECT)			August-2024
8	Atul Kumar Lal, Anmol Ratna Saxena	A Modified Dual Switch High Gain Boost Converter: Design and Analysis	2024 IEEE 11th Power India International Conference (PIICON)			December -2024
9	M.K. Singh, and Amit Kumar Singh	Optimized Battery Energy Management Using Fuzzy Logic Control	1st International Conference on Energy, Environment and Green Technology (ICEEGT-2025)			April 2025
10	N. Singh, and Amit Kumar Singh	Integrating Drive Cycle simulations to access Lightweight Materials in PMSM-Powered Electric Vehicle	1st International Conference on Energy, Environment and Green Technology (ICEEGT-2025), Kolkata			April 2025
11	N. Singh, and Amit Kumar Singh	Advance Material based Simulation of Electric Motor for Sustainable EV	1st International Conference on Energy, Environment and Green Technology (ICEEGT-2025), Kolkata			April 2025
12	S. Sharma and Amit Kumar Singh	Data-Driven Estimation of Lithium-Ion Battery Health Metrics: Approaches for RUL Prediction	Sustainable Energy and Future Electric Transportation (IEEE SeFet 2025) Jaipur, Rajasthan, India			July 2025



13	S. Sharma, Amit Kumar Singh	Analysis of Risks and Challenges Involved in Smart Grids and Possible Solutions	3rd International Conference on Signals, Machines and Automation (SIGMA-2024), Netaji Subhas University of Technology, Delhi, India			December 2024
14	D. D. Singh, and Amit Kumar Singh	Data Driven SOH Estimation of Li Ion Cells Using Feature Level Regression	Power, Instrumentation, Control & Computing Systems (PICS 2025), NIT Hamirpur			July 2025
15	H K. Sharma and A K. Singh	Managing Energy in a Hybrid Microgrid Using Wind and Photovoltaic Power	7th International Conference on Energy, Power and Environment (ICEPE), NIT Meghalaya			May 2025
16	S. Rao, and Amit Kumar Singh	Dynamic Voltage Restorer for Enhancing Voltage Stability and Low voltage Ride Through Capability in Wind Integrated Microgrids	International Conference on Energy, Environment, and Green Technology (ICEEGT 2025), Kolkata			April 2025
17	S. Rao, and Amit Kumar Singh	Comparison of Global Standard and Grid Code for Interconnecting Microgrids	International Conference on Energy, Environment, and Green Technology (ICEEGT 2025), Kolkata			April 2025
18	R. Paswan and Amit Kumar Singh	Data Driven SoH Estimation of Li Ion Cells Using Feature Level Regression	1st International Conference on Power and Intelligent Control System			July 2025
19	S. Bhambri, and M. Kumawat	Modelling and Control of Microgrids in an Offgrid Operating Scenario: A Case Study	2024 IEEE Region 10 Symposium (TENSYP)		10.1109/TENSYP61132.2024.10752165	Sept 2024



20	Rajat. Kumar, Sachin Singh and Shivam Singh chandel	Supervised Machine learning Based Fault Classification of Induction Motor	IEEE International Conference on Emerging Applications of Intelligence and Computing (EAIC), Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India, 2025			Accepted 2025
21	Rajat. Kumar, Sachin Singh and Shivam Singh chandel	Bearing fault detection using ensemble subspace k-nearest neighbors	Proceedings of the 7th International Conference on Energy, Power and Environment (ICEPE), NIT Meghalaya, 2025			Accepted 2025
22	Hritik Gunjan, Manoj Kumawat	Three-Phase Off-Board Smart Bidirectional EV Charger for Peak Load Levelling	11 <sup>th</sup> Power India International Conference on Power and Energy Enabling Technologies for Future Grid (IEEE-PIICON-2024)		10.1109/PIICO N63519. 2024.10995027.	Dec 2024
23	Ayush Kumar; Manoj Kumawat; Pratik Sinha	Comprehensive Analysis of Cost-Effective Data-Driven Approaches for Electricity Theft Detection	11 <sup>th</sup> Power India International Conference on Power and Energy Enabling Technologies for Future Grid (IEEE-PIICON-2024)		10.1109/PIICON6 3519.2024.10995142	Dec 2024
24	S. Bhambri, and M. Kumawat	A Case Study on Secondary Control Assisted Microgrids with Corrective Measures	International Conference on Energy Transition and Innovations in Green Technology (ICETIGT 2024) MMMUT Gorakhpur		Accepted	27 <sup>th</sup> -29 <sup>th</sup> Sept. 2024



## Department of Mechanical and Aerospace Engineering

### Journal Publications

S. No.	Author Details	Title of the Paper	Name Of the Journal	ISSN Number	DOI	Volume Number, Issue Number, Page Number	Impact Factor
1.	B. Murali, G. Moona, S. Kumar, K. K. Radha, H. Kumar, J. Kumar	Experimental Investigation for Exfoliation Corrosion Susceptibility of Al7075 and Its Correlation with Surface Roughness	Transactions of the Indian Institute of Metals	0975-1645	<a href="https://doi.org/10.1007/s12666-025-03576-0">https://doi.org/10.1007/s12666-025-03576-0</a>	78,5,1-10	1.5
2.	P. K. Arora, Y. Shrivastava, H. Kumar	Optimising FDM printing parameters for improved tensile properties in 3D printed ASTM D638 standard samples	Australian Journal of Mechanical Engineering	1448-4846	<a href="https://doi.org/10.1080/14484846.2023.2283663">https://doi.org/10.1080/14484846.2023.2283663</a>	23,2,277-290	1.3
3.	G. Moona, A. Singh, V. Kumar, R. Sharma, H. Kumar	Dimensional Metrology: Underpinning the Automotive Sector in an Indelible Fashion	MAPAN	0974-9853	<a href="https://doi.org/10.1007/s12647-024-00772-">https://doi.org/10.1007/s12647-024-00772-</a>	39,4,931-41	1.0
4.	V. Jain, H. Kumar, G. Moona	A retrospective review of polymer blending for additive manufacturing polymer filament manufacturing: concept, present and trends	Advances in Materials and Processing Technologies	2374-068X	<a href="https://doi.org/10.1080/2374068X.2024.2423493">https://doi.org/10.1080/2374068X.2024.2423493</a>	1-18	2.0
5.	R. Saxena, H. Kumar	Design and development of trapezoidal-shaped transducer for industrial and scientific applications	MAPAN	0974-9853	<a href="https://doi.org/10.1007/s12647-023-00673-7">https://doi.org/10.1007/s12647-023-00673-7</a>	2, 349-363	1.0



6.	S. Kumar, S. K. Ghoshal, P. K. Arora, H. Kumar, L. Nagdeve	Unlocking AISI420 Martensitic Stainless Steel's Potential: Precision Enhancement Via S-EDM with Copper Electrodes and Multivariate Optimization	Arabian Journal for Science and Engineering	2191-4281	<a href="https://doi.org/10.1007/s13369-024-08711-5">https://doi.org/10.1007/s13369-024-08711-5</a>	49,8,11457-11478	2.6
7.	M. Jhariya, A. K. Dewangan, S. Q. Moinuddin, S. Kumar, A. Ahmad, A. K. Yadav	Research progress on efficient battery thermal management system (BTMs) for electric vehicles using composite phase change materials with liquid cooling and nanoadditives	Journal of Thermal Analysis and Calorimetry	1388-6150	<a href="https://doi.org/10.1007/s10973-024-13752-x">https://doi.org/10.1007/s10973-024-13752-x</a>	Volume 149, pages 13653-13680	3.0
8.	G. Sharma, A. K. Dewangan, A. K. Yadav, A. Ahmad	Feasibility of waste-to-hydrogen generation system based on gasification/pyrolysis: a comprehensive review of experimental studies	Journal of Thermal Analysis and Calorimetry	1388-6150	<a href="https://doi.org/10.1007/s10973-024-13776-3">https://doi.org/10.1007/s10973-024-13776-3</a>	Volume 149, pages 13629-13651	3.0
9.	G. Sharma, A. K. Dewangan, A. K. Yadav, A. Ahmad	Current status of research on hydrogen generation, storage and transportation technologies: A state-of-the-art review towards sustainable energy	Process Safety and Environmental Protection	0957-5820	<a href="https://doi.org/10.1016/j.psep.2024.08.105">https://doi.org/10.1016/j.psep.2024.08.105</a>	Volume 191, Part A, Pages 1445-1460	6.9



10.	M. K. S. Senger, A. K. Dewangan, N. Dutt, A. K. Yadav	Research advances in solar dryer technologies integrated with solar air heater: a state-of-the-art review on design variations, performance and feasibility assessments	Journal of Thermal Analysis and Calorimetry	1388-6150	<a href="https://doi.org/10.1007/s10973-024-13714-3">https://doi.org/10.1007/s10973-024-13714-3</a>	Volume 149, pages 12577-12607	3.0
11.	G. Sharma, A. K. Dewangan, A. K. Yadav, A. Ahmad	Effect of Hydrogen Enrichment Strategy on Performance, Combustion and Emission Characteristics of Dual-fuel Diesel Engine: Recent Progress, Challenges and Opportunities	Journal of Thermal Analysis and Calorimetry (Accepted)	1388-6150	In press	In press	3.0
12.	S. Q. Moinuddin, A. Chamarthi, M. F. Khan, A. Niaz, S. Arif, M. Cheepu, A. K. Dewangan, S. Goka	Research Progress in Underwater Welding: Techniques, Materials, Advancements, and Challenges	Welding in the World	0043-2288	<a href="https://doi.org/10.1007/s40194-025-02068-5">https://doi.org/10.1007/s40194-025-02068-5</a>	Pg. 1-21	2.4
13.	A. Ahmad, A. K. Yadav, A. K. Dewangan	Synergistic effect of various nanoparticles infused biodiesel/ diesel blends on combustion, performance, and environmental characteristics of a CI engine	Journal of the Energy Institute	1743-9671	<a href="https://doi.org/10.1016/j.joei.2025.102117">https://doi.org/10.1016/j.joei.2025.102117</a>	volume 120, 102117	5.7
14.	G. Singh, A. K. Dewangan, M. F. Khan, S. Q. Moinuddin	Fundamental review on gas tungsten arc welding of magnesium alloys: challenges, innovations, and future perspectives	Welding in the World	0043-2288	<a href="https://doi.org/10.1007/s40194-025-02047-w">https://doi.org/10.1007/s40194-025-02047-w</a>	Pg 1-21	2.4



15.	Md. N. Equbal, A. K. Dewangan, S. Q. Moinuddin, A. K. Yadav, A. Ahmad	Advances in Hydrogen-Enriched Biogas/ Biodiesel Combustion for Near-Zero Emissions in Direct Injection Engines	International Journal of Thermofluids	2666-2027	<a href="https://doi.org/10.1016/j.ijft.2025.101269">https://doi.org/10.1016/j.ijft.2025.101269</a>	101269	1.43 (SJR)
16.	A. Katheria, L. Nagdeve, H. Kumar, K. Dhakar	Performance analysis of multi-axis electrical discharge machining using Nimonic-81 superalloy	Materials and Manufacturing Processes	1042-6914	10.1080/10426914.2025.2476452	40:7, 999-1007	4.1
17.	C. Chaturvedi, H. Kumar, L. Nagdeve	Multi response optimization of process parameters into Abrasive Water Jet (AWJ) Machining using Ti Grade 5 Alloy	Journal of Advanced Manufacturing Systems	0219-6867	10.1142/S0219686725500313	-	0.9
18.	M. Pant, L. Nagdeve, G. Mona, H. Kumar, A. Rajput, J. Ramkumar	Comprehensive investigation of the mechanical properties of 316L stainless steel processed via laser powder bed fusion	Journal of Materials Engineering and Performance	1059-9495	10.1007/s11665-024-09160-9	34, 2, 1379-1391	2.2
19.	N. Mishra, L. Nagdeve, H. Kumar	Impact of Aluminum Trihydrate and Calcium Carbonate Filler on Pultruded Fiberglass-Reinforced Polymer	Journal of Materials Engineering and Performance	1059-9495	10.1007/s11665-024-10518-2	1-6	2.2
20.	A. Katheria, L. Nagdeve, H. Kumar, K. Dhakar	A comprehensive investigation into dry and near-dry EDM towards green manufacturing: a conceptual review	Journal of the Brazilian Society of Mechanical Sciences and Engineering	1678-4820	10.1007/s40430-024-05209-x	46, 11, 639	1.8
21.	C. Chaturvedi, H. Kumar, L. Nagdeve	Machining Efficiency and Property Change Analysis of Ti-6Al-4V Alloy Processed by Abrasive Water Jet Machining	Journal of Materials Engineering and Performance	1059-9495	10.1007/s11665-024-10309-9	1-11	2.2



22	N. Praveen, S. K. NG, C. D. Prasad, H. Soni, M. Prasad, S. K. TC, US. Mallik, A. A. Aden	Effect of CNC Turning Parameters on MRR, Cutting Force and Surface Roughness for Ternary Shape Memory Alloys (SMAs)	Results in Engineering	2590-1230	<a href="https://doi.org/10.1016/j.rineng.2025.104876">https://doi.org/10.1016/j.rineng.2025.104876</a>	6, 104876	6
23	R. K. Singh, S. Ahmad, Y. Tian, S. Dangi, A. W. Hashmi, S. Chaudhary, H. Soni, C. Prakash, C. K. Chan	Study on temperature and hardness behaviors of Al-6060 alloy during magnetic abrasive finishing process using artificial neural networks	Journal of Materials Research and Technology	2214-0697	<a href="https://doi.org/10.1016/j.jmrt.2024.05.039">https://doi.org/10.1016/j.jmrt.2024.05.039</a>	30, 6092-6107	6.2

### Conference Publications

S.No.	Author Details	Title of the Paper	Name of the Conference	ISSN Number	DOI	Month and Year
1.	S. Panwar, A. K. Dewangan	Advancing Hydrogen Technology: Pathways and Challenges in Transitioning from Fossil Fuels to Sustainable Energy Solutions	International Conference on Future and Recent Advances in Mechanical Engineering (FRAME-2024)	NA	NA	October 15-17, 2024
2.	R. Soni, A. K. Dewangan	Advancement and Challenges in Thermochemical Biomass Conversion: A Comprehensive Review	International Conference on Future and Recent Advances in Mechanical Engineering (FRAME-2024)	NA	NA	October 15-17, 2024
3.	A. Kumar, A. K. Dewangan	Optimization of Battery Thermal Managements System Using Phase Change Materials: A Simulation Based Analysis for Electric Vehicle Applications	International Conference on Future and Recent Advances in Mechanical Engineering (FRAME-2024)	NA	NA	October 15-17, 2024



4.	G. Singh, A. K. Dewangan	Thermal Analysis and Optimization in Wire Arc Additive Manufacturing of Low Carbon Steel: A Comprehensive Review	International Conference on Future and Recent Advances in Mechanical Engineering (FRAME-2024)	NA	NA	October 15-17, 2024
5.	C. Chaturvedi, H. Kumar, L. Nagdeve	Multi-variable optimisation of AWJM process using wighted-grey relational method for Ti-6Al-4V alloys	International Conference on Advanced Materials Sustainable Future - 2025	NA	NA	28 <sup>th</sup> -29 <sup>th</sup> March, 2025
6.	A. Katheria, L. Nagdeve, H. Kumar, K. Dhakar	Machining efficiency and geometrical accuracy on Multi- Axis Near-Dry EDM of Inconel 718 alloy,	International Conference on Advanced Materials Sustainable Future - 2025	NA	NA	28 <sup>th</sup> -29 <sup>th</sup> March, 2025
7.	A. Katheria, L. Nagdeve, H. Kumar, K. Dhakar	A Comparative Study of Copper and Brass Electrodes in Multi-axis Near- Dry EDM: Machining Performance and Economic Assessment for IN718	International Conference on Advanced Materials Sustainable Future - 2025	NA	NA	28 <sup>th</sup> -29 <sup>th</sup> March, 2025
8.	A. Katheria, L. Nagdeve, H. Kumar, K. Dhakar	Multi-Axis Near-Dry Electrical Discharge Machining Behavior and Characterization for Nimonic-81 Super alloy	International Conference on Advanced Materials Sustainable Future - 2025	NA	NA	28 <sup>th</sup> -29 <sup>th</sup> March, 2025
9.	A. Katheria, L. Nagdeve, H. Kumar, K. Dhakar	Investigating the Effect of Printing Orientation on the Performance of Copper based 3D-Printed EDM Electrodes	International Conference on Advanced Materials Sustainable Future - 2025	NA	NA	28 <sup>th</sup> -29 <sup>th</sup> March, 2025
10.	C. Chaturvedi, H. Kumar, L. Nagdeve	Unveiling Trends and Advancement in the Field of Abrasive Waterjet Cutting in Recent Era: A Comprehensive Review	International Conference on Advanced Materials Sustainable Future - 2025	NA	NA	28 <sup>th</sup> -29 <sup>th</sup> March, 2025
11.	H. Soni, Vidhi	Education of Tribal Women in India - Issues, Current Status and Challenges Faced	SHIKSHA MAHAKUMBH - 2024, International Conference on Indian Education System for Global Development	NA	NA	16-17 December, 2024
12.	H. Soni, C. C. Mbohwa, Vidhi	WEDM for Shape Memory Alloy: A Step Towards Sustainable Manufacturing Techniques	MIR-2025, International Conference on Materials In Translational Research	NA	NA	22-24 May, 2025



## 4.2 Sponsored R&D Projects

### 1) Department of Applied Science, Humanities and Management

S. No.	Title of Project	Funding Agency	Financial Outlay	Year of start & total period	Name of P.I and other Investigators	Status- started or completed or in progress
1.	MHD Waves and flows interaction and its possible role in heating the solar coronal plasma and its diagnostics	SERB-DST Government of India	1928696	2023, 3 years	Dr. V S Pandey, Dr. Ajay K. Sharma, Dr. Harish Kumar	In progress
2.	Development of flexible white organic light emitting diodes FWOLEDs	DST Government of India	3790368	2023, 3 years	Mentor- Dr. V S Pandey PI- Dr. Aparna Tripathi	In progress
3.	3D photonic bioprinting assisted by 2D materials for the new generation of biomedical devices	Department of Science and Technology (DST) India	33,98,840/-	2024 (3 years)	Dr. Anuj K. Sharma (P.I.) Prof. (Dr.) Ajay Kumar Sharma (Co-PI)	In progress
4.	Design and development of portable VIS-NIR spectrometer for detection of pesticide content in fruits, and vegetables products	DST	1.24 Crores	2024 & 3 years	PI- Dr. Gyanendra Sheoran Co-PI – Prof. Arun Anand	Started
5.	Extended forecasting of wind-wave parameters along the Indian coastline using multi-tasking machine learning techniques	INCOIS, Hyderabad, Govt of India	17,31,000	2024 (2 years)	Dr. Prashant Kumar and Dr. Anurag Singh	In progress



## 2) Department of Civil Engineering

S. No.	Title of Project	Funding Agency	Financial Outlay	Year of start & total period	Name of P.I and other Investigators	Status- started or completed or in progress
1.	An efficient sustainable concrete construction with GGBS based GRAC with inclusion of waste products	NBCC (India) Limited	Rs.24,26,400/+ GST 18%= Rs. 28,63,152	2024 (03 years)	Dr Ajay Kumar(PI)	In progress
2.	Upgradation / Integration of existing UASB System with micro aerobic processes	NMCG (National Mission for Clean Ganga)	Rs. 3,02,90,040	2024 (02 years)	Dr. Abid Ali Khan (PI) and Dr. Kapil Kumar (Co-PI)	In progress
3.	Feasibility Assessment of Bioelectricity Generation and Optimisation of Substrate in coupled constructed wetlands for Wastewater Treatment	MoEFCC-RE Division	Rs. 67,13,760.00	2024 (02 years)	Dr. Kapil Kumar (PI) and Dr. Asheesh Kumar Yadav (Co-PI)	In progress
4.	Annual Inspection of Grossly Polluting Industries (GPIs) in main stem states of River Ganga and Yamuna for Compliance Verification (2024)	CPCB (Central Pollution Control Board)	Rs. 99,49,170.00	2024 (01 year)	Dr. Kapil Kumar (PI)	Completed
5.	Annual Inspection of Grossly Polluting Industries (GPIs) in main stem states of River Ganga and Yamuna for Compliance Verification (2025)	CPCB (Central Pollution Control Board)	Rs. 1,26,05,541.00	2025 (01 year)	Dr. Kapil Kumar (PI)	In progress



### 3) Department of Computer Science and Engineering

S.No.	Title of Project	Funding Agency	Financial Outlay	Year of start & total period	Name of P.I and other Investigators	Status-started or completed or in progress
1.	High Performance Computing (FIST Infrastructure Support) (Co-PI)	DST	118 Lakhs SR/FST/ET-1/2023/1231	3 years	Prof Geeta Sikka -PI Dr. Ajay K. Sharma, Co-PI Dr Anurag Singh Co-PI Dr Karan Verma Co-PI	Ongoing
2.	Startup grant for PALANAM company to develop video parental control app	TIH, IIT Patna	10,00,000	Sept., 2022	Dr. Anurag Singh	Ongoing
3.	INCOIS Project on "Extended Forecast of Wind-wave Parameters along the Indian Coastline using Multi-tasking Machine-learning Techniques	DST	17,31,000	2024	Dr. Prashant Kumar, Dr. Anurag Singh	Ongoing
4	Optimizing LoRa Spreading Factor Scheduling through Incentive Mechanisms	DST (MATRICS)	6,00,000/-	2024-2027	Dr. Karan Verma	Ongoing
5	Development of a system for the early diagnosis of heart diseases based on deep learning models using ECG signal processing	DST (EEQ)	35,77,000/-	2024-2027	Dr. Karan Verma	Ongoing
6	An Intelligent Network Analyzer cum Patcher for advanced security hardening of the organizational network	Device Development Programme (DDP), Department of Science & Technology, SERB	Rs 72,79,420 at CSE Dept NIT Jalandhar	Sept 2021	Dr Urvashi- PI Dr Geeta Sikka- Co-PI Dr L K Awasthi- Co-PI Dr Harsh Verma- Co-PI	Ongoing



#### 4) Department of Electronics and Communication Engineering

S. No.	Title of Project	Funding Agency	Financial Outlay	Year of start and total period	Name of P.I and other Investigators	Status- started or completed or in progress
1	A Novel Power-on Pilot IC for Ultra Low Power Wireless IoT Devices	MietY	17,14,000/-	2023 (5 years)	Dr. Baljit Kaur (PI) Dr. D Vaithyanathan (Co-PI)	In progress
2	Design and Development of an IoT-based Hybrid System for accurate detection of distinct soil parameters to monitor the water and fertilizer operation in the Agricultural fields	DST NM-ICPS Govt of India(IIT Ropar Technology and Innovation Foundation, one of the Technology Innovation Hubs under DST NM-ICPS, Govt of India)	₹ 35,00,000/-	2025	Dr Mahesh Kr. Singh Dr Dharmendra Kumar Jhariya	In progress
3	Application of IoT in the field of Water & Soil Assessment and Processing	DST-Govt of India (IIT Technology and Innovation Foundation (iHub AWaDH)	₹ 1,00,000/-	2025	Dr Dharmendra Kumar Jhariya	Completed
4	Investigation of Group IV Semiconductor Alloy (Ge/Ge <sub>1-x</sub> Sn <sub>x</sub> )/ Graphene based Detector Devices for Bio Medical and Defense Applications [Project ref. No.: CRG/2020/002966 dated June 30, 2021.]	DST-SERB under Core Research Grant (CRG) Scheme.	23, 10, 332/.	Start Date: June 30, 2021. End Date: June 29, 2024 Duration: 3 Years	PI: Rikmantra Basu	Completed
5	History of Semiconductor Research in India History of Semiconductor Research in India	Indian National science Academy (INSA)	4, 20, 000/	Start Date: June 21, 2023 End Date: July 09, 2024 Duration: 1 Year	PI: Prof. Prasanta K Basu (Retd. Prof. Calcutta University) Co-PI: Rikmantra Basu	Completed



### 5) Department of Electrical Engineering

S. No.	Title of Project	Funding Agency	Financial Outlay	Year of start & total period	Name of P.I and other Investigators	Status- started or completed or in progress
1.	Design and Development of Switched Reluctance Motor Drive For Plug-In Hybrid Electric Vehicles With Voltage Boosting & On-Board Charging Capabilities	SERB-CRG	55,69,905/-	05-04-2021 To 04-10-2024	Dr Obbu Chandra Sekhar	Completed

### 4.3 Memorandum of Understanding (MoU's)

To promote and enhance academic and research activities at NIT Delhi, the institute has signed MOUs with many industries and Academic Institutions in India and Abroad, with well-defined technical areas and modes of collaboration.

#### Details about MoU/Agreements

S. No.	Type	Name Of The Institute	Date	Other Parties To MoUs	Signing Dignitaries	
					From Institute	From Other Side
1.	MoU	National Institute of Technology, Delhi	16.07.2025	SRM University Delhi NCR, Sonapat (SRMUH)	Dr. Hitesh Sharma Registrar, NIT Delhi	Prof. V. Samuel Raj, Registrar, SRMUH
2.	MoU	National Institute of Technology, Delhi	20.05.2025	Buddy4Study	Prof.(Dr.) Ajay K. Sharma Director, NIT Delhi	Mr. Ashutosh Burnwal, CEO & Founder, S4B
3.	Agreement	National Institute of Technology, Delhi	10.06.2025	IIIT Sonapat, Haryana	Prof.(Dr.) Ajay K. Sharma Director, NIT Delhi	Prof. Manisha Sharma Director, IIIT Sonapat
4.	MoU	National Institute of Technology, Delhi	22.05.2025	Social Welfare and Development for Empowered Society (SWADES), Lucknow, Uttar Pradesh	Prof.(Dr.) Ajay K. Sharma Director, NIT Delhi	Dr. Rajeev Nigam President, SWADES
5.	MoU	National Institute of Technology, Delhi	21.05.2025	Quantum Research and Centre of Excellence (QRACE), New Delhi, India	Prof.(Dr.) Ajay K. Sharma Director, NIT Delhi	Dr. Kumar Gautam Founder And President
6.	MoU	National Institute of Technology, Delhi	15.05.2025	ABES Institute of Technology, Ghaziabad	Prof.(Dr.) Ajay K. Sharma Director, NIT Delhi	Prof.(Dr.) Upasana Pandey Director



7.	MoU	National Institute of Technology, Delhi	24.04.2025	Panipat Institute of Engineering and Technology	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Prof.(Dr.) Shakti Kumar Director, PIET
8.	MoU	National Institute of Technology, Delhi	22.04.2025	Karnavati University, Gandhinagar, Gujrat	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Dr. Tariq Ali Saiyed Registrar,Karnavati Unisersity
9.	MoU	National Institute of Technology, Delhi	17.04.2025	New Age Education And Skills Foundation	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Mr. Arunkumar Pillai Director General (NAMTECH)
10.	MoU	National Institute of Technology, Delhi	03.04.2025	Electronics & ICT Academy Indian Institute Of Technology Roorkee	Prof. (Dr.) Jyoteesh Malhotra Dean (R&C) National Institute of Technology (NIT) Delhi	Prof. Sanjeev Manhas Chief Investigator E&ICT Academy, IIT Roorkee
11.	MoU	National Institute of Technology, Delhi	12.02.2025	Baba Farid College of Engineering and Technology Bhatinda	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Director (BFCET) Bhatinda
12.	MoU	National Institute of Technology, Delhi	23.07.2024	PHN Technology Pvt. Ltd	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Mr. Pradeep H. Narayanka
13.	MoU	National Institute of Technology, Delhi	31.12.2024	CSIR - Central Electronics Engineering Research Institute, Pilani	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Dr. Manish Mathew Head TBD, CSIR-CEERI, CEERI Pilani
14.	MoU	National Institute of Technology, Delhi	26.11.2024	Scientific Analysis Group, Drdo Metcalfe House, Delhi	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Dr N Rajesh Pillai OS & Director, SAG
15.	MoU	National Institute of Technology, Delhi	13.05.2024	Consortium of ASEAN-India Network of Universities	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Dr. Abhay Kumar Singh VC, Nalanda University
16.	MoU	National Institute of Technology, Delhi	08.08.2024	CSIR- Institute of Himalayan Bioresource Technology (CSIR-IHBT),Palampur	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Director, CSIR-IHBT, Palampur
17.	MoU	National Institute of Technology, Delhi	08.08.2024	Himachal Pradesh Technical University, Hamirpur-177001 (H.P.)	Prof.(Dr.) Ajay K. Sharma Director,NIT Delhi	Prof. (Dr.) Shashi Kumar Vice Chancellor



18.	MoU	National Institute of Technology, Delhi	19.07.2024	Amity University, Benglure	Prof.(Dr.) Ajay K. Sharma Director, NIT Delhi	Prof. (Dr.) D. Subhakar Vice Chancellor
19.	MoU	National Institute of Technology, Delhi	08.07.2024	Guru Jambheshwar University of Science & Technology, Hisar (GJUST)	Dr. Manoj Kumar Professor & Dean (Faculty Welfare) NIT, Delhi	Prof. Narsi Ram Bishnoi Vice Chancellor
20.	MoU	National Institute of Technology, Delhi	25.06.2024	Galgotias University Sub-Sector 17, Gautam Budh Nagar, Greater Noida, U.P	Prof.(Dr.) Ajay K. Sharma Director, NIT Delhi	Dr. K. Mallikharjuna Babu, Vice Chancellor
21.	MoU	National Institute of Technology, Delhi	13.06.2024	Mewar University Chittorgarh Rajasthan	Prof.(Dr.) Ajay K. Sharma Director, NIT Delhi	Vice Chancellor Mewar University,
22.	MoU	National Institute of Technology, Delhi	26.04.2024	Airport Authority Of India	Prof.(Dr.) Ajay K. Sharma Director, NIT Delhi	Girish Kumar Genral Manager(HR)

#### 4.4 Notable Achievements of the Departments

Number of Journal publications(International)	209	Number of Ph.D completed	03
Number of Journal publications(National)	08	Number of new Ph.D students enrolled	62
Number of International Conferences attended	156	Number of PG students completed	123
Number of National Conferences attended	12	Number of New PG students enrolled	97
Number of STC/ Workshop/ courses attended	05	Number of faculty members enrolled for higher qualifications	00
Number of STC/ Workshops conducted	32	Number of faculty members upgraded qualifications	00
Number of conferences conducted	66	Number of Patents granted	23
Number of expert talks delivered by faculty	34	Number of copyrights granted	00
Number of expert talks organized	21	Any other important information (patent published and filed)	00



## CENTRAL FACILITIES AND CAMPUS AMENITIES

5.1 Computer Centre

5.2 Library

5.3 Health Centre

5.4 Games and Sports Facilities

5.5 Hostels

5.6 Other Facilities like Guest House, Bank, Post Office, Shopping Centre and Staff Quarters

5.7 Infrastructure Development





## 5.1 Computer Centre

The Computer Centre, NITD, was established on 18/02/2014 to cater for the computational requirements of the Institute and is equipped with the latest state-of-the-art Technological Resources. The Institute visualises a centralized computing facility, campus-wide networking and information technology as a means to enrich the educational experience and invigorate emerging areas of scholarly research and development. The Computer Centre maintains and manages the Wi-Fi facility, Blade Servers and Hardware and Software on campus, which have a Single Mode Fiber backbone and managed by L3 and L2 Switches/ Wireless Controller (WLC), providing **2 Gbps Uplink (1:1)**, Primary bandwidth from Reliance Communication and also PRI Line, **1 Gbps (Shared) Uplink from NKN** and P2P 500 Mbps from main Campus to SRHCH. These networking facilities are also extended to Administrative Office, Academic Building, Hostels and Residential areas.

Name	Position	Qualification
Dr. Anurag Singh	Head, CC	Ph.D.
Mr. Subhash Chand	IT (Consultant)	MCA
Mr. Puneet Joshi	Technical Assistant	B.Tech
Mr. Raushan Kumar	Senior Technician	M.Sc (IT)
Ms. Manisha Babbar	Junior Assistant	M.Com
Mrs. Santosh Devi	Office Attendant	10 <sup>th</sup>
Mr. Bhuvan Bhakuni	Office Attendant	B.A

### The Main assignments and activities of the centralized facility are to

- Provide, manage and ensure the satisfactory operation of joint computer and software facilities for the students and departments that are required by them.
- Provide technical assistance to students, faculty and staff of the Institute.
- Ensure the monitoring of the computer network at the institute, and the coordination of inter-connections and the management of overall computer facilities for the whole institute.
- Provide computer facilities for the Institute.
- Manage Integrated Institute Management System on SaaS
- Provide IP Phone Telephonic facility to various Department's/Centre's/Section of the Institute.
- Provide Eduroam facility to the various users.
- Provide CCTV surveillance facility to the institute.

### Facilities

- High speed (Single Mode) Fiber backbone 2 Gbps (1:1) Bandwidth and 1 Gbps NKN
- Rack mount, 8 Blade Populated, Storage upto 5 TB
- Complete Wi-Fi campus with 10 Outdoor access points and 75 Indoor access points.
- Facility of Digital Notice Board
- High-End Network Printer with Duplex & Scanning and Photocopying facility
- Centralized List of Software. i.e. eOffice, Samarth E-Gov, MATLAB, Microsoft Office 365\_A3, MS Office LTSC Standard 2021, Google Workspace Education Plus, Microsoft Teams. Multiviewer Digital Signage, Antivirus, Zoom Workspace



Pro, WebEx (CISCO A-FLEX-3\_Pro), VMS (Visitor Management System), NMS (Network Monitoring System) etc.

- Computer Center has provides IT infrastructure facility of various departments/Centers from time to time.

## 5.2 Central Library

### Introduction

The Central Library, located on the 3rd floor of the Administrative Block of the Institute, acts as the primary information resource centre and the repository of various printed as well as electronic resources that support teaching, research, and all the academic activities of the Institute. All the students, faculty members, and staff of the Institute are entitled to access all the library facilities and services.

The Library has a rich collection of books on Science and Technology, including Chemistry, Mathematics, Physics, Chemical Engineering, Civil Engineering, Computer Science, Electrical and Electronics Engineering, Humanities, Management, and Social Sciences. Besides this, the library also has a good collection of Rajbhasha Hindi Books, Dictionaries, Handbooks, Encyclopedias, and research-related books.

### Total Library Collection

The library has a total of 19,206 books, including 5,851 from the Book Bank, along with 10 newspapers and 23 magazines. The library collection includes textbooks, reference materials, resources for competitive exams etc. Additionally, the Library provides access to around 1,198 multimedia items (CDs/DVDs/NPTEL videos) and approximately 333 Theses and dissertations submitted by PhD, M.Tech, and B.Tech students. Also, the library provides access to diverse collection for General Reading, including Sports, Yoga, Fiction, Motivational Books, and Magazines on Current Affairs and Specialized Subject areas.

### Information Technology – Automated Library System

- The library is connected to the campus LAN and Wi-Fi facility.
- The library has an RFID (Radio Frequency Identification) based Automation system and a Circulation system (self-check-in/Check-out).
- The database of the entire Library acquisitions is being updated on a regular basis, along with details of recently acquired books.
- The library has a WebOPAC facility under which all the bibliographic details of the library collection can be accessed from the Internet 24/7 on all weekdays by the users.
- The EAS/RFID Security Gates are installed at the library entrance to prevent Library resources from theft activities.
- The RFID smart cards (i.e. Institute ID cum Library Card) along with a cardholder and lanyard are provided to all the students & faculty/staff members of the Institute.
- The library has an RFID Portable Handheld reader for easy and quick physical verification of Library Books, for locating missing books, and security checks of checked-out items, etc.
- The library has initiated a QR code facility for Overdue payments/fines in the Library to provide convenience to patrons, and it streamlines the payment process.

### Library Facilities & Services

- **Library Membership Facility** – All students, faculty and staff members of the Institute are eligible for membership in the Institute Library to use its facilities and services offered for the purpose of their academic, research and administrative work. The use of Library facilities and services implies acceptance of its rules and procedures
- **Circulation Facility** – The library provides circulation (Check-in/Check-out) service to all its members.



- **Circulation of Rajbhasha Hindi Books to Regular Staff** - To promote the use of Rajbhasha Hindi and encourage greater engagement with Hindi literature among staff members, the library issues up to a maximum of two Hindi books for a duration of seven days.
- **Book Bank Facility** - The Library provides a Book Bank facility to the B.Tech and M.Tech students. Under the Book Bank facility, the set of textbooks as per the prescribed syllabus is issued to the individual student for the entire semester.
- **Reference and Information Service** - The Library also has a collection of General Reference Books, including Dictionaries, Handbooks, Rajbhasha Hindi collection, Bibliographies, etc., and these are available for reference within the library premises and are not for lending.
- **Email Alert Service** - The library provides an 'Email Alert Facility'. Through this facility, the library sends its members alerts for Check-In/Check-Out, Overdue, and other alerts.
- **WebOPAC Facility** - The Library has WebOPAC facility under which all the bibliographic details of the library collection can be accessed by the user from anywhere and anytime.
- **Access to Grammarly for Library Users** - The Central Library provides access to Grammarly for all users, enhancing their writing and proofreading skills.
- **Current Awareness Service** - The library keeps its users updated about the current collection procured, resources subscribed to, or any other information/updates in the library on a time-to-time basis.
- **Plagiarism Check Facility** - The library offers a plagiarism check service to both students and faculty members of the Institute using Turnitin and DrillBit software. This facility helps to ensure that research work is original and properly cited, avoiding any issues with plagiarism.

#### **E-Library Resources & Facilities**

- As a member of ESS consortium, the Central Library is getting access **to 30 renowned publishers through the ONOS (One Nation One Subscription) Scheme, including renowned journals like IEEE Journals, Elsevier's Science Direct, APS, ACS, Taylor and Francis Journals, Wiley Journals, etc.**
  - **The IP-based Access to the 30 publishers will be available through the link:** <https://www.onos.gov.in/publishers>
  - **The remote access to the 30 publishers will be available through the INFED (via Shibboleth) platform:** <https://idp.nitdelhi.ac.in/>
- **E-Books** -The Central Library provides access to around 4500+ E-Books, which are subscribed from renowned publishers like **McGraw-Hill, New Age International, Pearson India, IEEE, and CBS Publishers** on a Perpetual basis.
- **Remote Access Facility through INFED Platform:** - The Central Library has set up the INFED (INDIAN Access Management Federation) platform of E-ShodhSindhu in the Institute during the year 2024-25. The INFED platform provides access to all the subscribed E-resources of the Institute from anywhere at any time via a **remote Login Facility**. All the Research Students & Faculty Members have been successfully registered in the INFED platform, and the platform has benefited the entire research community of the Institute.
- **DrillBit and Turnitin (Plagiarism Detection Software)** - The Central Library is getting access to DrillBit Plagiarism Detection Software through e-ShodhSindhu under the Centrally Funded Scheme of MoE. Access to Turnitin Software has been provided to all the faculty members and Research Scholars of the Institute.
- **NPTEL Videos** - The Library provides access to NPTEL (National Programme on Technology Enhanced Learning) Videos to the various users of the library, which provides E-learning through online Web and Video courses in



Engineering, Science, and Humanities streams. It aims to enhance the quality of engineering education in India by providing free online courseware. NPTEL is funded by the Ministry of Education.

- **Database of Previous Year Question Papers** - The Central Library has created a database for previous year question papers of NIT Delhi in LIBSYS Software (Library Management Software). Therefore, the Library members can easily access the previous year's question papers of NIT Delhi through the Library WebOPAC.
- **Google Drive of Previous Year Question Papers** - Central Library has created a Google Drive of the previous year's question papers of NIT Delhi so that the students may access the previous year's question papers for reference from anywhere/anytime.
- **Registration for NDLI Membership** - All students and faculty/staff members can register themselves for membership in the NDLI portal (a project under the Ministry of Education) using their institutional email IDs. NDLI provides access to approximately 56,053,815 resources, including lecture videos and notes from NPTEL/SWAYAM courses, presentations used by faculty in classes, online class lectures, and questions/solutions for common subjects across all engineering disciplines.
- **Access of PhD Thesis through the Shodhganga Platform** - As per the MoU with INFLIBNET, the Central Library has uploaded 75 PhD theses of the Research scholars in the Shodhganga (A Reservoir of Indian Theses) platform so that it may be available to the entire research/scholarly community in the open access.

#### Other Important Activities Of The Library

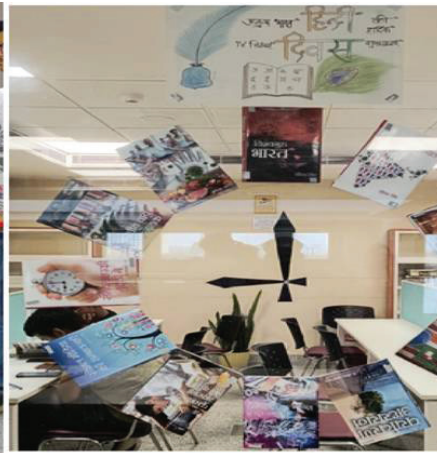
- **Library Advisory Committee** - There is a Library Advisory Committee that consists of the Chairperson, HoDs from each department and the Deputy Librarian as the convenor of the committee. The library committee meets from time to time to frame and upgrade the policies and to review the working conditions for the smooth functioning of the library.
- **SC/ST Book Bank Cell** - Several measures exist for helping students belonging to SC and ST categories. There is an 'SC/ST Book Bank Cell' in the Institute that ensures the distribution of 'Book Bank' by the Library to SC/ST students (on a preference basis) under which the textbooks/course books are issued to the students for the whole semester (i.e. 06 months) as per the prescribed schedule and time.
- **Library Orientation/Training Programme for the Users** - The Library conducts an orientation program every year for the newly admitted students (B.Tech/M.Tech/Ph.D) and on the occasion of the introduction of any new software/technology in the Library. The orientation/Training programs are conducted for all the Library members of the Institute on a regular basis for the maximum utilization of the varied library resources and services.
- **Central Library introduced the "Knowledge Tree" on the Eve of Christmas in the month of December 2024 to inspire and spread awareness about the importance of reading among library users.**

#### 14 सितंबर को हिंदी दिवस के उपलक्ष्य में राजभाषा हिंदी पुस्तकों का प्रदर्शन





S.No.	Name	Academic/Professional qualifications	Post Held	Specialization
1.	Dr Gareema Sharma	PhD	Deputy Librarian	Library Automation, Library Management, Assisive Technologies, etc.
2.	Angana Biswas	Post Graduation	Library & Information Assistant	Library & Information Science
3.	Rahul Verma	Post Graduation	Library & Information Assistant	Library & Information Science
4.	Pratibha	Post Graduation	Library Professional Trainee	Library & Information Science
5.	Anil Kumar Poonia	Post Graduation	Library Professional Trainee	Library & Information Science
6.	Arun Kumar Rana	Intermediate	Office Attendant	-





### 5.3 Health Center

The medical needs of the Campus population consisting of students, staff members and their families are met by the Institute Health Center. The Health Center has medical officer, nursing staff members and office attendant. It has facilities for OPD treatment and day care management. Health Center has Doctor's room, Pharmacy, nursing station, observation room containing semi-fowler beds for patient care and visiting specialist's room where services of Gynaecologist and Physiotherapist may be availed. There is a facility of ambulance 24X7 available for students, faculty and staff. The Ambulance is fully equipped with an oxygen cylinder, first aid kit bag, emergency medicines and other necessary equipment.

#### Health Center staff

Name	Position	Qualifications
Dr. Karan Malhotra	Medical Officer (regular)	M.B.B.S., Fellowship in Gastrointestinal Motility Disorders from United States of America
Ms. Sangeeta	Nursing Staff (outsourced)	GNM Nursing, Post BSc Nursing
Mr. Rohit Chauhan	Nursing Staff (outsourced)	B.com, GNM Nursing
Ms. Anshu	Office Attendant (outsourced)	BA

#### Health Center Hours

Health Center timings: Monday to Saturday 8 AM to 9 PM.

Doctor Consultation Timings: Monday to Friday 10 AM to 5 PM and Saturday 10 AM to 1:30 PM.

Visiting Gynaecologist schedule: Every Friday from 4 pm to 6 pm.

Visiting Physiotherapist schedule: Every Monday, Wednesday and Friday from 2:30 pm to 4:30 PM.

#### List of Equipments

- ECG machine
- Oxygen concentrators
- Automatic External Defibrillator (AED)
- Hemoglobinometer
- Glucometers
- Sphygmomanometer (manual and automatic)
- Pulse oximeter
- Thermometers (digital and forehead)
- Stethoscopes
- Mini torch
- Needle disposal machine
- Steriliser machine electric
- Nebuliser machine



## 5.4) Games And Sports

### Introduction

Sports and Games are an integral part in the life of a student. A student should study hard to be successful in competitive examinations. But, he should also play games and sports to enjoy the health and vigor of life. A healthy nation is always a wealthy nation. Therefore, it is necessary to put emphasis on sports. One can think of a healthy mind only in a healthy body. Both physical and mental well-being are the prerequisites of great achievements in life. Studies have shown that exercise increases blood flow to the brain and helps the body build more connections between nerves, leading to increased concentration, enhanced memory, stimulated creativity, and better-developed problem solving skills. In short, playing sports helps your brain grow and makes it work better.

An indoor gym and open gym has been installed in the campus to keep students physically fit and healthy.

### Details of Sport Section Staff Members

S. No.	Name of Staff	Designation
1.	Dr. Anidev Singh	Student Activity & Sports Officer
2.	Mr. Ankit Kamar	Student Activity & Sports Assistant
3.	Mr. Rajkumar	Senior Assistant
4.	Mr. Rajeev Sharma	Junior Assistant
5.	Mr. Abhishek Sharma	Office Attendant

### Details of Coaches (Sports wise)

S. No.	Name of Coach	Sports
1.	Mr. Pawan Kumar	Badminton
2.	Mr. Lalit Malik	Basketball
3.	Mr. Vijay Chauhan	Cricket
4.	Mr. Brij Mohan Arora	Football
5.	Mr. Ajay Kumar	Kabaddi
6.	Ms. Sunita	Powerlifting
7.	Mr. Arjit Dhingra	Table Tennis
8.	Mr. Vikas Kumar	Volleyball
9.	Mr. Pawan Kumar	Yoga

### Sports Club 2025

S. No	Name of Students	Position
1.	Mishka	General Secretary (Female)
2.	Lovjot Singh	General Secretary (Male)
3.	Charvi Gupta	Deputy General Secretary (Female )
4.	Arpit Singh Dhull	Deputy General Secretary (Male)
5.	Sujal Sontakke	Executive Member
6.	Dipanshu Sahoo	Executive Member



7.	Aman Kumar	Executive Member
8.	Ankit Kumar	Executive Member
9.	Nikhil Dhayal	Executive Member
10.	O. J. Pradyumna Kumar Yadav	Executive Member
11.	Shivendra Singh	Executive Member
12.	Devyani Rana	Executive Member

#### Activities of the Section include

- To motivate and encourage students to participate in sports & games to attain good physical state and health.
- To coordinate and monitor the sports and games activities for the students of the institute.
- To take theory as well as practical classes of all B.Tech 1st year students focussing on their well-being and health.
- To supervise and monitor regular sports practice for the institute's teams in various sports.
- To arrange and purchase playing equipment/goods for students required for their recreation/play purpose.
- To take measures for most effective utilization of the existing sports facilities.
- Maintenance and management of playgrounds and courts.
- To enable students to participate in various inter NIT's and other sports festivals/tournaments and make all necessary arrangements (such as transportation, sports 'kits etc.) in a timely manner.
- To conduct annual sports fest ZEAL and other sports activities for students.
- To coordinate with IITs, NITs and IIITs and other higher learning institutions for organising activities.
- To maintain the sports infrastructure and facilities available and accessible.

#### Sports Initiatives at NIT Delhi

##### Holistic Health & Sports (HSPB-150) – B. Tech Curriculum

Holistic Health & Sports (HSPB-150) is a mandatory subject introduced in the 1st and 2nd semesters of the B. Tech program to enhance students' physical and mental well-being. It includes regular Yoga and Athletics sessions conducted by professional coaches. These activities promote fitness, discipline, and mental focus, supporting the holistic development of students. The course carries 1 academic credit, contributing to their overall academic performance.

##### National Cadet Corps – Girls Unit

The NCC Girls Unit at NIT Delhi was started in 2022 under the 7 Delhi Girls Battalion (NCC 7DGB) with a sanctioned strength of 51 cadets, beginning with 17 cadets. The program spans three years, enabling cadets to earn B- and C-Certificates. NCC provides free uniforms, shoes, and dress materials, which cadets must maintain. The unit helps students build leadership, discipline, and patriotism, aiming to develop strong character, teamwork, and a spirit of national service.

##### National Cadet Corps – Boys Unit

The NCC Boys Unit at NIT Delhi will commence from the academic year 2025–26 under the 1 Delhi Armoured Squadron Battalion (NCC 1DAS) with a sanctioned strength of 160 cadets, starting with 54 cadets. The three-year training program enables cadets to qualify for B- and C-Certificates. Cadets will receive free uniforms, shoes, and dress materials, which they must maintain throughout the training. The unit aims to nurture leadership, discipline, and patriotism, while fostering character, teamwork, and a spirit of national service.



## National Service Scheme

The National Institute of Technology Delhi has enrolled into NSS in 2022 with a maximum of 100 students. National Service Scheme (NSS) is a permanent youth programme under the Ministry of Youth Affairs and Sports. The motto of NSS is "Not me but you". It underlines that the welfare of an individual is ultimately dependent on the welfare of the society as a whole. This expresses the essence of democratic living and upholds the need of selfless service and appreciation of the other man's point of view and also consideration for fellow human beings. It is a two year voluntary service where students are allowed to develop their personality through social service.

## Sports Facilities at Nit Delhi

NIT Delhi boasts an array of sports facilities designed to cater to a wide variety of athletic interests and promote physical well-being among its students. These facilities are not only essential for recreation but also play a significant role in nurturing potential talent and encouraging a culture of sportsmanship. Below is a detailed overview of the sports facilities available at NIT Delhi.

### 1) 400 M Athletics Track

- **Details** -The athletics track at NIT Delhi is a 400-meter standard track designed for various track and field events. It features well-marked lanes for running events and dedicated areas for activities such as long jump and javelin throw. The track is equipped with high mast lighting, allowing for extended use during evening hours. It is regularly used for training sessions, athletic meets, and fitness assessments.

### 2) Badminton Courts

- **Number of Courts - 4**

**Details** -The badminton courts at NIT Delhi are well-maintained and equipped with high-quality synthetic flooring and proper lighting, ensuring optimal playing conditions. These courts are available for both recreational play and competitive matches. Regular coaching sessions and tournaments are organized to hone the skills of students.

### 3) Basketball Courts

- **Number of Courts - 2**

• **Details** -The basketball courts are standard-sized and come with robust hoops and well-marked boundaries. These courts are frequently used for inter-departmental tournaments, practice sessions, and general play. The courts are also equipped with floodlights, allowing for evening and nighttime games.

### 4) Cricket Practice Pitches

- **Number of Pitches - 2**

• **Details** -NIT Delhi offers two artificial turf cricket practice pitches that are used for regular practice sessions and training. These pitches are designed to simulate match conditions, helping players to improve their batting and bowling skills. The pitches are maintained to ensure a true bounce and consistent playing surface.

### 5) Football Ground

• **Details** -The football ground is a spacious, well-maintained grassy field with high-mast lighting, meeting the requirements for both practice and official matches. It features goalposts and marked boundaries, making it suitable for all levels of play. The ground is also used for athletic activities and physical training.

### 6) Indoor Gym

• **Details** - The indoor gymnasium is a state-of-the-art facility equipped with a wide range of fitness machines, including treadmills, cross-trainers, weightlifting equipment, and more. This gym provides a controlled environment for students to work on their fitness goals throughout the year.



## 7) Kabaddi Courts

- **Number of Courts – 2**
- **Details –** The Kabaddi courts at NIT Delhi are specially designed and equipped with kabaddi mats to meet standard regulations. These courts provide an ideal platform for students to practice and compete in Kabaddi matches, promoting the traditional Indian sport on campus.

## 8) Lawn Tennis Court

- **Number of Courts – 1**
- **Details –** The lawn tennis court at NIT Delhi features a well-maintained synthetic surface suitable for high-level play. The court is available for use by students, faculty, and staff, and it is equipped with the necessary amenities to facilitate a smooth playing experience. Coaching sessions are periodically conducted to help beginners learn the sport.

## 9) Open Gym

- **Details –** The open gym is designed to provide a space where students can engage in fitness activities under the open sky. It is equipped with various exercise machines and fitness equipment, encouraging students to maintain their physical fitness.

## 10) Volleyball Courts

- **Number of Courts – 2**
- **Details –** The volleyball courts are designed to meet the needs of both casual and competitive play. With well-defined boundaries and proper net setups, these courts are a popular spot for students to engage in this dynamic sport. The courts are maintained to ensure safety and performance standards.

## Sports Section Events Reports 2024-25

### 1. National Sports Day

- **Date –** 27–29 August 2024
- **Events**
  - 3000 Meters (Girls)
  - 5000 Meters (Boys)
  - 5v5 Futsal Match
  - Table Tennis
  - Tug of War

**Description –** Altius celebrated National Sports Day 2024 with a series of well-organized events, ensuring active participation and strict adherence to guidelines. Students were allowed to participate in either group or individual competitions.

### Event Details

- **Futsal Tournament**

8 teams participated, each comprising 7 players.

- **Tug of War**

8 teams participated, each with 9 players and a focus on balanced representation.



• **Table Tennis & Athletic Events**

Over 50 students participated in each, displaying great enthusiasm and sportsmanship.

**Remarks**

The events saw balanced participation across all academic years, making the celebration of National Sports Day 2024 both memorable and successful.





## 2. Talent Hunt Tournament

- **Date** - 17-25 September 2024
- **Events**
  - Chess
  - Cricket
  - Volleyball

**Description** - The **Talent Hunt Tournament** showcased fierce competition and remarkable performances, celebrating the sporting prowess of NIT Delhi students.

### 2.1 Volleyball

- **Boys**
  - **Winners** - Mayank's Mavericks
  - **Runners-up** - Aman's Avengers
- **Girls (Final on 24th September 2024):**
  - **Winners** - Kalpna's Phoenix
  - **Runners-up** - Sonam's Spartans

### 2.2 Cricket

- **Champion** - Griffin Galaxies (led by Surya Karan Singh)
- **Runner-up** - Harishchandra Hurricanes

### 2.3 Chess



- **Boys**

- **Winner** - Aditya Vaidya (Mechanical, 3rd Year)
- **Runner-up** - Akash Kumar Gupta (EEE, 4th Year)

- **Girls**

- **Winner** - Sakshi Naithani
- **Runners-up (Joint)** - Jesna Vinod & Nitya Mittal





### 3. Talent Hunt Deadlift Challenge

- **Date** - 20 November 2024
- **Description**

A one-of-a-kind event testing strength and resilience. The **Deadlift Challenge** attracted enthusiastic participation, highlighting the dedication and fitness of the students.



### 4. Weightlifting Workshop

- **Date** - 14 November 2024
- **Description** - The workshop offered an in-depth exploration of weightlifting techniques, safety protocols, and strength-building practices under expert guidance, with the aim of enhancing students' fitness and discipline. It had a proper structured training consisting of 15 sessions. Each session aimed to build to cultivate both technical skills and physical endurance.





## 5. Zeal (Annual Sports Fest) 2025

- **Venue** - NIT Delhi Sports Ground
- **Date** - February 14th -17th , 2025
- **Highlights** - ZEAL, the annual sports festival of NIT Delhi, proudly celebrates its 10th anniversary in 2025, marking a decade of passion, competition, and camaraderie. Organized by ALTIUS, under the guidance of Dr. Anidev Singh (Student Activity and Sports Officer), ZEAL has evolved into a premier inter-branch sporting event, drawing enthusiastic participation from B. Tech, M. Tech, and Ph.D. students. More than just a competition, ZEAL is a celebration of athleticism and determination, fostering a culture of teamwork, resilience, and excellence. This milestone edition continues to elevate the spirit of sportsmanship, social awareness, and high-energy entertainment, ensuring ZEAL 2025 is the most thrilling chapter yet!

The 10th edition of the Annual Inter-Branch Tournament, ZEAL 2025, was held from February 14th to 17th, 2025, bringing together an exhilarating mix of competition and sportsmanship. This year, ZEAL was more exciting and vibrant than ever, with an impressive participation of around 600 students from all branches of B. Tech, M. Tech, and Ph.D. programs. The tournament featured a diverse range of sports and games, creating an unparalleled competitive environment and showcasing the passion, skill, and determination of NIT Delhi's finest athletes.

- **Overall Champion** - Combined Team of Electrical & Artificial Intelligence & Data Science

### Picture Gallery of Zeal 2025









## 6. NIT Delhi Premier League (NDPL)

- **Venue** - NIT Delhi Sports Ground
- **Date** - April 11th -16th ,2025
- **Highlights** - The NIT Delhi Premier League was an exciting cricket tournament where students showcased remarkable teamwork, sportsmanship, and determination on the field. The event was filled with energy, thrilling matches, and a strong sense of college spirit throughout the competition.
- **Winner** - Bangalore Blasters





## 7. "DHYAN" Meditation Session

- **Venue** - NIT Delhi Auditorium
- **Date** - 23rd April ,2025
- **Highlights** - The "DHYAN" Meditation Session was conducted by sports section on 23rd April 2025 at NIT Delhi with active participation from students and staff members. The session focused on guided meditation and mindfulness practices to promote mental well-being. The event concluded successfully, fostering a calm and reflective environment.





## 8. Expert Talk on Yoga

- **Venue** - LT-3, Mini Campus
- **Date** - 30th April ,2025
- **Highlights**

The Sports Section of NIT Delhi organized an Expert Talk on Yoga on 30th April 2025. The session was conducted by **Mr. Krishna Nayaka, a certified yoga instructor and recipient of the India Book of Records and Karnataka Achievers Book of Records**. He shared insights from his 16,000 km "Walk for Yoga" Padayatra, aimed at spreading awareness on holistic health. The event was inspiring and well-received by students and staff, promoting the importance of yoga in daily life.





## Sports Section Achievements 2024-25

### 1. ITUSA Lawn Tennis and Chess Tournament

- **Venue** - PEC Chandigarh
- **Date** - 6-8 October 2024 Highlights - NIT Delhi students showcased impressive skills and strong teamwork across events.

#### Achievements

- Chess (Girls) - **2nd Place**
- Chess (Boys) - **3rd Place**
- Lawn Tennis (Boys) - **3rd Place**
- Lawn Tennis (Girls) - **3rd Place**



The NIT Delhi Girls' Chess Team secured **2<sup>nd</sup> Place** at the ITUSA Tournament held at **PEC Chandigarh**



The NIT Delhi Boys' Chess Team secured **3<sup>rd</sup> Place** at the ITUSA Tournament held at  
**PEC Chandigarh**



The NIT Delhi Boys' and Girls' Lawn Tennis Teams secured **3<sup>rd</sup> Place** at the ITUSA Tournament held at  
**PEC Chandigarh**



## 2. Inter – NIT Lawn Tennis Tournament

- **Venue** – NIT Rourkela
- **Date** – 18–20 October 2024

Highlights – The tournament featured high-level competition, where our players displayed outstanding sportsmanship and resilience.

### Achievements

- Lawn Tennis (Boys) – **2nd Place**



The NIT Delhi Boys' Lawn Tennis Team secured **2<sup>nd</sup> Place** at the **Inter-NIT Lawn Tennis Tournament** held at **NIT Rourkela**

## 3. ITUSA Tournament (Badminton, Football, Kabaddi, Volleyball)

- **Venue** – NIT Kurukshetra
- **Date** – 8–10 November 2024

Highlights – A dynamic multi-sport event that brought out the versatility and competitive spirit of our athletes

### Achievements

- Badminton (Girls)– **3rd Place**
- Volleyball (Girls)– **3rd Place**
- Football (Boys)– **2nd Place**



NIT Delhi Girls' Badminton Team secured **3<sup>rd</sup> Place** at the ITUSA Tournament held at **NIT Kurukshetra**



NIT Delhi Girls' Volleyball Team secured **3<sup>rd</sup> Place** at the ITUSA Tournament held at **NIT Kurukshetra**



NIT Delhi Boys' Football Team secured 2<sup>nd</sup> Place at the ITUSA Tournament held at  
**NIT Kurukshetra**

#### 4. Inter - NIT Chess and Cricket Tournament

- **Venue** - NIT Silchar
- **Date** - 20-23 December 2024

**Highlights** - The teams demonstrated excellent coordination and sportsmanship in a highly competitive setting.



NIT Delhi Boys' Cricket Team



### 5. All India Inter-NIT Power Sports Tournament

- **Venue** – NIT Surathkal
- **Date** – 10–12 January 2025

**Highlights** – NIT Delhi participants exhibited great determination and physical strength throughout the tournament

#### Achievements

- Akhil Naik – **2nd Position (Silver Medal)** – Powerlifting
- Vilakshan Pandey – **3rd Position (Bronze Medal)** – Powerlifting



### 6. All India Inter-NIT Kabaddi & Badminton Tournament

- **Venue** – NIT Tiruchirappalli
- **Date** – 25–27 January 2025

**Highlights** – A memorable performance by both Kabaddi and Badminton teams, marked by spirited play and teamwork.

#### Achievements

- Women's Kabaddi Team – **2nd Position (Silver Medal)**
- **Best Defender Award** – V. Mounika Bathula
- **Best Raider Award** – Devyani Rana



NIT Delhi Girls' Kabaddi Team secured **2<sup>nd</sup> Place** at the All India Inter-NIT Tournament held at **NIT Tiruchirappalli**

#### 7. All India Inter-NIT Basketball & Table Tennis Tournament

- **Venue** - NIT Jalandhar
- **Date** - 6-8 February 2025

**Highlights** - Both Basketball and Table Tennis teams represented NIT Delhi with energy and unity, delivering commendable performances.

#### 8. Malaviya Sports Tournament (MST)

- **Venue** - MNIT Jaipur
- **Date** - 01-03 March 2025

**Highlights**- NIT Delhi students showcased impressive skills and strong teamwork across events.

#### • Achievements

##### Gold Medalists

##### Chess (Girls)

- Bhuvi Prabhakar, Sakshi Naithani, Kasak

##### Football (Men)

- Aditya S Ray, Japnit Singh, Gautham Binoy, Tanishq Deendyal, Kapmuanlal, Dushyant Sharma, Anish Kumar, Sangrang Bargayary, Madhav Raj, Akshai Praveen, Shwetanshu Sinha, Himanshu Singh, Shivendra Singh, Sujal Sontakke, Shridhar Gupta, Kshitij Singh

##### Kabaddi (Girls)

- Mounika Bathula, Rashi Sinha, Jhansi, Devyani, Harshika, Pratibha, Nandini, Ashwitha, Anasuya, Amisha

##### Lawn Tennis

- Girls: Charvi Gupta, Ishita Gupta



- Boys: Aadvik Dalal, Arpit Dhull, Rishi Atul Joshi

### **Weightlifting**

- U-67- Raj Kumar
- U-81- Piyush Kumar
- U-89- Akhil Naik
- U-96- Tarang

### **Powerlifting**

- U-74- B. Srinivas
- U-83- Akhil Naik
- U-105- Akrit
- U-120- D.D.V.L. Narasimha

### **Bodybuilding**

- U-80- Ayushman

### **Silver Medalists**

#### **Weightlifting**

- U-55- Abhinav
- U-61- Hari

#### **Powerlifting**

- U-73 -Utkarsh
- 102 & above- Narasimha

#### **Kabaddi (Men)**

- Gaurav Kumar, Rahul Kumar, Dhruv Khassa, Vinay Rao, Saurabh Kumar, Siva Krishna, Mayank Chaudhary, Mahesh A Mali, Masna Pruthvi, Venkata Sai Teja, Rohit Kumar Jha

#### **Chess (Men)**

- Arnav Tyagi, Aditya Vaidya, Abhiraj Banerjee, Akash Kumar Gupta, Suraj Patel

### **Bronze Medalists**

#### **Badminton (Girls)**

- Mishka, Sharanya, Anshika Sinha, Saachi

#### **Basketball (Girls)**

- Kashish Shah, Shaivi Uma Warikoo, Siya Shetty, Vaishnavi K. S, Ann Maria P. J, Sneha Gupta, Roshana Fatima, Jesna Vinod

### **Powerlifting**

- U-66 - Raj
- U-93 -T. Srinivas

### **Bodybuilding**



- U-70 - Utkarsh
- U-80 - Shivendra





### 9. SRM University Sports Fest - Medal Winners

- **Venue** - SRM Sonipat
- **Date** - 04-05 April 2025

**Highlights** - NIT Delhi students showcased impressive skills and strong teamwork across events.

#### Achievements

##### 1st Place (Gold Medal)

- **Table Tennis (Men)**

Ansh Viraj, Manu Agarwal, Gaurang Sarang, Anurag Chauhan, Piyush Majhi

##### 2nd Place (Silver Medal)

- **Basketball (Men)**

Efrem Joseph Charls, Kapil Meena, Dushyant Sharma, Dhanesh Somani, Immanuel Thomas Francis, Bhavya Jain, Prince, Siva Ram Naidu, Ankit Kumar, Nitin, Vinay, Daxkumar Bhoya

- **Chess Men (Team One)**: Akash Kumar Gupta, Alfred Veidusou

##### 3rd Place (Bronze Medal)

- **Chess Men (Team Two)** - Krishna Agarwal, Abhiraj Banerjee



### 10. AAHVAAN 2025 – DTU Sports Festival

- **Venue** – Delhi Technological University
- **Date** – 11-13 April 2025

**Highlights**– NIT Delhi students showcased impressive skills and strong teamwork across events.

#### Achievements

##### 2nd Place (Silver Medal)

- **Yoga (Boys Team)**– Jay Kumar Sharma, Chaitanya Saini
- **Yoga (Girls Team)**– Gauri, Anasuya Dalabehera

##### 3rd Place (Bronze Medal)

- **Lawn Tennis (Girls Team)** – Charvi Gupta, Ishita Gupta

### 5.5 Hostels

#### Hostel Administration

NIT Delhi has four boys' hostels and one girls' hostel, each managed by designated wardens and associate wardens. The hostel administration is structured as follows

S.No	Name	Designation
1.	Dr. V. S. Pandey	Dean Student Welfare
2.	Dr. Shailesh Pandey	Chief Warden & Chief Proctor
3.	Dr. Sandeep Kumar	Associate Chief Warden



4.	Dr. Ashok Kumar Dewangan	Warden (Dhauladhar Boys Hostel)
5.	Dr. Amit Kumar Singh	Warden (Dhauladhar Boys Hostel)
6.	Dr. Sachin Agrawal	Warden (SRHC Boys Hostel)
7.	Dr. D.Vaithyanathan	Warden (NILERD Boys Hostel)
8.	Dr. Divya Punia	Warden (Yamuna Girls Hostel)
9.	Dr. Chumki Dalal	Warden (Yamuna Girls Hostel)
10.	Mrs. Poonam Kamboj	Associate Warden (Yamuna Girls Hostel)
11.	Ms. Shikha Maurya	Associate Warden (Yamuna Girls Hostel)
12.	Ms. Ganga	Associate Warden (Yamuna Girls Hostel)
13.	Mr. Naman Sharma	Associate Warden (Dhauladhar Boys Hostel)
14.	Mr. Umakant Sharma	Associate Warden (Yamuna Boys Hostel)
15.	Mr. Faqir Chand	Associate Warden (SRHC-3 Boys Hostel)
16.	Mr. Raj Kumar	Associate Warden (SRHC-4 Boys Hostel)
17.	Mr. Krishan Pal	Associate Warden (NILERD Boys Hostel)
18.	Mr. Rajesh	Associate Warden (NILERD Boys Hostel)
19.	Mr. Rajeev Sharma	Junior Assistant (Office of Chief Warden)

### General Information

Hostel should be a comfortable place to stay where the students can have the feeling of home. NIT Delhi has separate hostel facilities for around 740 boys (SRHC Hostel, NILERD Hostel, Dhauladhar Hostel) and 285 girls (Yamuna Hostel). NIT Delhi has four boys' hostels (2 AC hostels and 2 non-AC hostels) and one girls' hostel (AC/Non-AC Hostel) with all the facilities for boarding and other recreational activities. The hostels have their own well-equipped mess along with night canteen to provide good and hygienic food to the students. Quality purified water is provided to the students using RO systems. A separate TV room, indoor games room and reading room are provided in the Girls' and Boys' Hostel. Full time resident Wardens and caretakers separately are available to take care of hostellers and to maintain the discipline under the supervision of a Chief Warden. 24 hours security service with guards and CCTV and power backup is provided for the hostel.

### Boys Hostel

**BH-1** - Dhauladhar Boys Hostel - Capacity of 380 students

**BH-2** - NILERD Boys Hostel - Capacity of 210 Students

**BH-3** - SRHC Boys Hostel 3- Capacity of 80 students

**BH-4** - SRHC Boys Hostel 4- Capacity of 70 students

### Girls Hostel

**GH-1** - Yamuna Girls Hostel - Capacity of 285 students



**Photo Gallery Of Hostels And Mess**



**BH-1**

**Dhauladhar Boys Hostel (In permanent campus)**



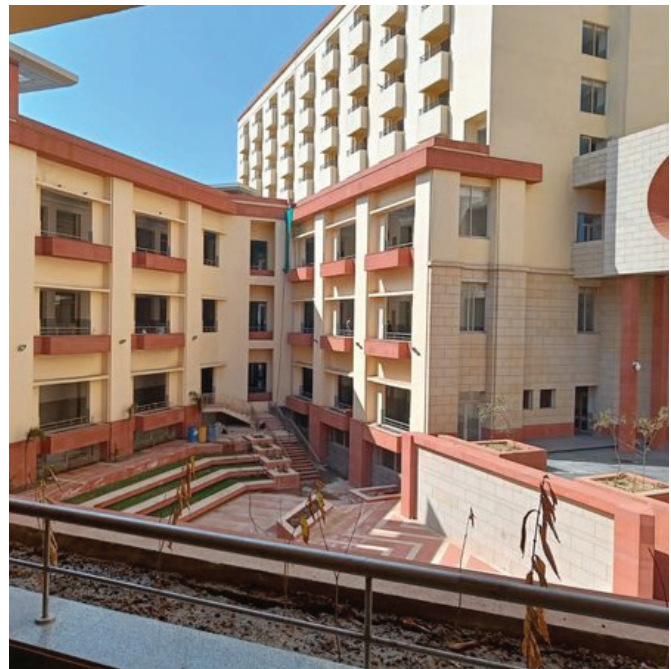
**BH-2**

**NILERD boys Hostel (In old Campus)**



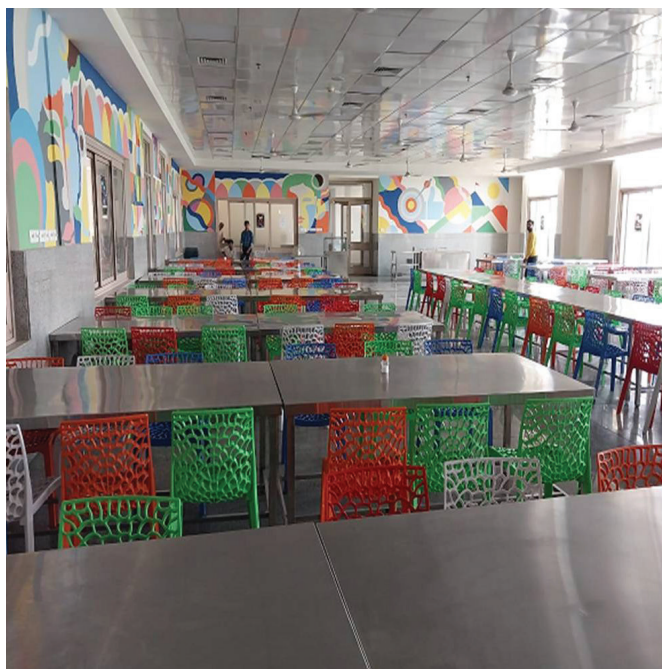
**BH-3 & 4**

**SRHC Boys Hostel (Narela)**



**GH-1**

**Yamuna Girls Hostel (In permanent Campus)**



**Boys Hostel Mess**



**Girls Hostel Mess**

**Following are the other facilities provided in the hostels**

- Fully furnished and spacious rooms
- Free Wi-Fi and a computer room
- Visiting room
- Air Conditioner & Heater Room
- Geezers and water coolers
- Playground for outdoor games
- First aid facility
- Institute vehicle is available 24 hours for medical emergency
- Washing machine facilities and Paid laundry service
- Cafeteria in the academic area as well as in the hostel premises
- Bus facilities from hostels to the Institute
- Availability of Electricians and Plumber.
- Indoor Gym in both Boys' Hostel.

**5.6 Other Facilities like Guest House, Bank, Post Office, Shopping Centre and Staff Quarters**

- **Banks & ATM** - The institute has two banks situated in the campus ICICI and Bank of Baroda. Both banks are regular branches in the campus and are housed in Administrative Building. In addition, there are ATM machines of the banks in Campus.
- **Guest Houses** The campus has one guesthouse. Each room has a telephone, fridge and television. VIPs, institute guests and invited guests are usually accommodated here. The guesthouse provides board and lodging facilities



for institute guests and visitors, newly appointed faculty members, staff members, delegates and participants attending conferences, seminars, symposia and workshops.

- **Transport:** Institute arranges bus transport services between the campuses. In addition, the institute also has Electric vehicles for easy commute of students within the Permanent Campus.
- **Cafeteria & Mess:** The institute has numerous eating hubs, present at prominent locations. The in-house mess facility in NIT Delhi Campus offers fresh, nutritious and flavourful food. The mess serves breakfast, lunch, evening snacks and dinner.
- **Medical Centre and Ambulance:** The on-campus health centre caters to medical needs with a medical officer and nursing staff, along with 24/7 ambulance services.

## 5.7 Infrastructure Development

### Ongoing Works

S. No.	Description of Buildings	Built up Area in sqm	Cost in Crores
<b>Phase 1A buildings (Construction completed)</b>			
1	Mini Campus	27,314	219.91
2	Administration Block	19,372	
3	Start-up Centre	1,780	
4	Playground (17000 sqm)		
5	External Development		
<b>Phase 1B buildings (Construction in progress)</b>			
1	Academic Block	34,211	392.05
2	Hostel Block	26,116	
3	Residential Tower	16,690	
4	Director's Residence	485	
5	External Development		
	<b>Total Area Constructed</b>	<b>1,25,968</b>	

### Works to start

Phase 2 Development of permanent Campus of NIT Delhi

S.No.	Description of Buildings	Built up Area in sqm	Cost in Crores
1.	Academic Block-03	36,140	515.56
2.	Academic Block-10	17,643	
3.	Hostel-02	25,381	
4.	Hostel-03	22,768	
	<b>Total Area Constructed</b>	<b>1,01,932</b>	



## STUDENT AFFAIRS

6.1 Student Activities at NITD

6.2 4<sup>th</sup> Convocation

6.3 Zeal



### 6.1) Student Activities at NITD

The Cultural Club of NIT Delhi is a vibrant hub for creativity, expression, and celebration. It serves as a platform to bring students together, showcasing their talents in art, music, dance, and drama. The club organizes various events throughout the year, such as cultural festivals, competitions, workshops, and performances, fostering a sense of unity and cultural exchange among students.

Through its initiatives, the Cultural Club not only promotes extracurricular engagement but also enhances the holistic development of students, making their journey at NIT Delhi memorable and enriching.

#### Cultural Club Team

<b>Faculty Coordinator</b>	Dr. Sandeep Kumar	
<b>Faculty Co-Coordinator</b>	Dr. Sahil	
<b>Student Members</b>		
<b>Position</b>	<b>Upto Dec 2024</b>	<b>Jan 2025 onwards</b>
General Secretary	Mr. Syamantak Gupta	Mr. Abdul Arsh



Deputy General Secretaries	Mr. Akash and Mr. Sridhar Gupta	Devansh Jain, Kashika, Rakshit Sharma
Dance Team Head	-	Gracy Gupta
Music Team Head	-	Komal
Executive Members	Devansh Jain, Kashika, Himansu Joshi, Sanjana, Humera Firoz Khan, Sagun Trivedi, Komal, Abdul Arsh, Dhanishta Khanna, Kartik Siva Ram	Abhinav Kumar, AlaguShruti, Antriksha Sharma, Md. Muddassir, DivayJangir, ElinaBhasin, Krish Arora, Krishal Prasad, Sai SarvaniBaisetti, Samaksh P Golechha, Utkarsh Yadav
Volunteers	Krishal Prasad, Ishita Gupta, Utkarsh Yadav, Om Prakash Tiwari, Ann Maria Joy, Antriksha, Devyani Rana, Samaksh P Golechha, Akshai Bravin, Arpit Singh Dhull, Anshish Nandan, Ishan Bhagat, Divay Jangir	Ananya Raj, Gautam Manohar Jha, Harsh Gupta, Hiranmayee Kalyanasundar, IpsitaVaibhabee, Katherine Hina Simhadri, Malvika Singh, Mishti Gupta, Paridhi Gupta, Prakshi Agarwal, Priya Sadulwar, Ranchit Singh Rana, Rajveer Gurjar, Ramesh Yadav, Shaivi Uma Warikoo, Sharvari Dattatraya Kulkarni, Sparsh Pangen, Sreenidhi, Vardhi Renusri, Vatsav

## Cultural Club Events

### Independence Day Celebration

Name of the Event	Independence Day Celebration
Event date & time	15 <sup>th</sup> August, 2024
Event location	Sports Ground, NIT Delhi

NIT Delhi celebrated the 78th **Independence Day** on August 15, 2024, with fervent patriotism and enthusiasm. The event began with the flag hoisting by the **Chief Guest, Hon'ble Director Professor Ajay k. Sharma**, followed by the rendition of the national anthem, evoking a sense of pride and unity. In his address, the Director highlighted the significance of Independence Day and the values of freedom, progress, and responsibility.

The celebration included captivating cultural performances organized by the Cultural Club under the supervision of Dean Student Welfare Dr. V.S. Pandey and Associate Dean Student Welfare and Faculty Coordinator of Cultural Club Dr. Sandeep Kumar. Students presented inspiring patriotic songs and dances, showcasing their talent and devotion to the nation.

The Cultural Club has also featured engaging performances by young children, which added vibrancy and charm to the occasion. Recognizing the efforts of participants, the Director distributed certificates and sweets, creating moments of joy and encouragement.



### Skills And Thrills 3.0

Name of the Event	Skills And Thrills 3.0
Event date & time	17 <sup>th</sup> – 29 <sup>th</sup> September, 2024
Event location	Social Media Platform (Instagram)

The Cultural Club of NIT Delhi successfully organized Skills and Thrills 3.0, an online talent showcase, from September 17 to September 29, 2024, on social media platform. Building on the success of its previous editions, this year's event witnessed an enthusiastic response, with students from all years showcasing their exceptional skills in dance, music, drama, and creative arts.

The event's shift to a dynamic online format ensured widespread participation and engagement, with performances reaching an extensive audience. Participants impressed the community with their creativity and talent, making Skills and Thrills 3.0 a hub of artistic expression and friendly competition.

The event's highlight was its transparent judging process, combining audience responses on social media with evaluations by an unbiased panel from the Cultural Club. The finalists, who were announced on September 30, 2024, represented the best talents across all categories.

The grand finale, held on October 4, 2024, showcased extraordinary performances. Winners were honored with cash prizes and merit certificates under the judgement of external experts, motivating them to continue their creative journey.

Winners of Skills and Thrills 3.0



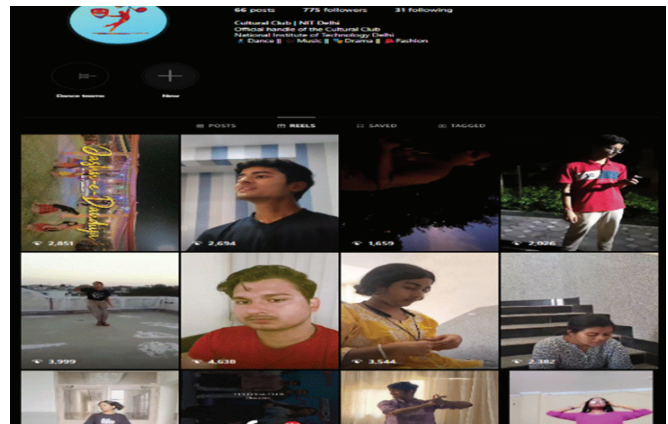
### Dance Category

- 1st Position – Rachit Singh Rana (Rs. 1000 and Merit Certificate)

### Music Category

- 1st Position – Ipsita Vaibhabee (Rs. 1000 and Merit Certificate)

The event achieved its objectives of fostering a spirit of creativity, engagement, and community among students. By offering a platform to showcase talents, Skills and Thrills 3.0 reinforced NIT Delhi’s commitment to nurturing artistic pursuits and fostering camaraderie.



### Radio Mirchi Freshers and RJ Hunt 2024

Name of the Event	Radio Mirchi Freshers And Rj Hunt 2024
Event date & time	11 <sup>th</sup> September, 2024
Event location	Nearby Canteen

### Dandiya Workshop 2024

Name of the Event	Dandiya Workshop
Event date & time	18 <sup>th</sup> – 19 <sup>th</sup> September, 2024
Event location	Sports Ground, NIT Delhi



The **Cultural Club** of NIT Delhi hosted a vibrant and engaging **Dandiya Workshop** on September 18-19, 2024, at the Sports Ground of the institute. With the support of Hon'ble Director Professor Ajay k. Sharma, the event was organized under the supervision of Cultural club coordinator Dr. Sandeep Kumar and Co-Cordinator Dr. Sahil. The workshop designed to introduce participants to the traditional dance forms of Dandiya and Garba, the workshop aimed to foster enthusiasm and confidence among attendees in preparation for the much-anticipated "Jashn-e-Dandiya 2024", scheduled for October 3-4, 2024.

The workshop provided a platform for participants to learn the basics of Dandiya and Garba under the guidance of skilled instructors. Each session featured step-by-step demonstrations, rhythmic footwork, and practical tips to help both beginners and experienced dancers hone their skills. The infectious energy of traditional music added a festive touch, creating an environment of joy and cultural immersion.

Open to everyone, the workshop witnessed an impressive turnout, with a diverse mix of students and staff showcasing their enthusiasm. This inclusivity fostered a sense of togetherness, reflecting the spirit of the event. To keep the energy levels high, snacks were provided, ensuring that participants remained refreshed and engaged throughout the sessions.

In attributing the success of the workshop, it's imperative to acknowledge the collaborative efforts of Syaman-tak Gupta and esteemed individuals including Akash, Shridhar Gupta, Krishal Prasad, Komal Majoka, Kashika Majoka, Utkarsh Yadav and Kartik for their amazing coordination and making this workshop successful!



### Jashn-e-Dandiya 2024

Name of the Event	JASHN-E-DANDIYA 2024
Event date & time	3 <sup>rd</sup> – 4 <sup>th</sup> October, 2024
Event location	Sports Ground, NIT Delhi

The **Cultural Club** was thrilled to announce the “**Jashn-e-Dandiya 2024**” event, a lively celebration of Navaratri. It took place on October 3<sup>rd</sup> – 4<sup>th</sup>, 2024 at the Sports Ground, offering attendees an immersive experience in the vibrant traditions of garba, dandiya, and captivating cultural performances and various competitions with an **overall prize pool of Rs. 30,000/-**.

#### Day 1 Highlights – October 3<sup>rd</sup>, 2024

The event kicked off with a grand opening ceremony and welcome of our Chief Guest, Hon’ble Director, NIT Delhi Professor Ajay k. Sharma. The ceremony began with the lighting of the lamp and a worship session by the delegates, followed by the felicitation of dignitaries.

The evening featured a series of exciting activities, starting with the Insta Selfie Contest, which saw enthusiastic participation. This was followed by the **Inter-Branch Dandiya Competition** with teams from various branches participating, showcasing their dance moves and collaboration.

The day culminated with a lively Group Dandiya Session & DJ Night, followed by the distribution of sweets, ensuring everyone left with sweet memories of the night.

#### Day 2 Highlights – October 4<sup>th</sup>, 2024

The second day was equally exciting, starting with the gathering of participants, followed by the arrival of the Chief Guest and a special expert guest **Ms. Tanuja Bora** who also judged the event. The **Inter-College Dance Competition** was the centrepiece of Day 2, where dancers from various colleges brought their best performances to the stage. The Inter-Branch Competition Grand Finale showcased the top contenders in a spectacular culmination of all the dance and cultural activities. Followed by the Skills & Thrills 3.0 Finale, where the best talents in dance and music competed in a high-energy showcase.

After much anticipation, the Results Announcement & Prize Distribution session recognized the winners of the competitions. The DJ Night followed, giving everyone the chance to unwind and celebrate the success of the event together.



## Competition Results

### Inter-Branch Dandiya Competition (Prize pool of Rs. 10,000/- and merit certificates)

- Winner- CSE-2 and AI & DS Branch Team
- Runner-up- Civil and Aerospace Branch Team

### Inter College Dance Competition (Prize Pool of Rs. 20,000/- and merit certificates)

- Winner- Maharaja Agrasen Institute of Management Studies (MAIMS)
- Runner-up- Indraprastha College for Women (IPCW)

### Skills and Thrills 3.0 Competition (Prize Pool of Rs. 2,000/- and merit certificates)

- Dance Category Winner- Rachit Singh Rana
- Music Category Winner- Ipshita Vaibhavee

## Special Recognition

A special mention goes to the **NIT Delhi Inter-College Dance Team**, who, through their hard work and perseverance, showcased exceptional talent and brought immense pride to our institution. Their performance was not only a source of entertainment but also an inspiration to everyone present.

## Acknowledgements

We extend our heartfelt thanks to all the volunteers, participants, and event coordinators whose dedication and hard work made Jashn-e-Dandiya 2024 a grand success. Your efforts ensured that the event was not only a celebration of culture and talent but also a memorable experience for all.

The event was a resounding success, leaving participants and attendees with cherished memories. The overwhelming response and participation reaffirmed the event's place as a cultural highlight of NIT Delhi. The leadership of Director Prof. (Dr.) Ajay K. Sharma, Dean (Student Welfare) Dr. V. S. Pandey, Associate Dean (Student Welfare) and faculty coordinator Cultural club Dr. Sandeep Kumar, Co-coordinator Dr. Sahil, General Secretary Mr. Syamantak Gupta and the whole team of Cultural Club all played a pivotal role in making Jashn-e-Dandiya 2024 a memorable celebration of tradition, culture, and unity.







### Cultural Event in Zeal 2025

Name of the Event	Cultural Event in ZEAL 2025
Event date & time	14 <sup>th</sup> -16 <sup>th</sup> February 2025
Event location	Sports Ground, NIT Delhi

The Cultural Club of NIT Delhi added vibrancy and cultural flair to ZEAL – the annual sports fest of the institute – through a series of spectacular dance performances and competitions.

The fest began with opening performances by talented members of the Cultural Club, who enthralled the audience with their graceful moves and high-energy acts. These performances, carefully choreographed and passionately executed, set the tone for the entire fest, filling the atmosphere with excitement and anticipation.

The Cultural Club of NIT Delhi organized two vibrant dance competitions – Inter-branch Group Dance Competition and Solo Dance Competition – as part of the annual sports fest ZEAL.

The event drew enthusiastic participation from all branches, with students showcasing a wide range of dance styles, from classical and folk to hip-hop and freestyle. The lively performances reflected the immense talent and energy within the student community.

The competitions were judged by a panel of talented dancers ensuring fair and transparent evaluation. The winners were awarded cash prizes, encouraging students to continue honing their creative pursuits.

- Prize Pool: ₹12,000/-

Distributed equally across solo and group categories (₹6,000/- each)

- First Prize: ₹3,000/-
- Second Prize: ₹2,000/-
- Third Prize: ₹1,000/-

This initiative highlighted the Cultural Club’s commitment to nurturing artistic expression and fostering unity across the campus.





• **Classical Dance Performance of NIT Delhi Cultural Team in the event “INAAAYAT – Intercollege Classical Dance Competition”**

Name of the Event	INAAAYAT – Intercollege Classical Dance Competition
Event date& time	6 <sup>th</sup> March 2025
Event location	Atma Ram Sanatan Dharma College, University of Delhi

**The classical dance crew of NIT Delhi – Vyaapti** – proudly represented the institute at **INAAAYAT**, the classical group dance competition organized as part of the cultural fest TIDE’25 at Atma Ram Sanatan Dharma College, University of Delhi.

A team of seven talented dancers carried the institute’s cultural spirit to the intercollegiate stage. In the direction of Cultural Club Coordinator Dr. Sandeep Kumar, Krishal Prasad (executive member of cultural club) leads the dance team includes Elina Bhasin, Alagu Shruthi, Arepalli Teena, Hiranmayee K, Prakshi Agarwal, and Rachit Rana.

The group delivered a captivating classical dance act that combined grace, rhythm, and storytelling, leaving a lasting impression on both the audience and judges. Their presentation reflected weeks of dedicated practice and highlighted the rich cultural heritage of India through art.

The competition brought together some of the finest classical dance groups from across Delhi, creating an enriching cultural exchange and offering valuable exposure to diverse dance traditions.

Through their spirited performance, Vyaapti not only showcased the cultural depth of NIT Delhi but also strengthened the institute’s presence in intercollegiate performing arts.

Participation in INAAAYAT proved to be an inspiring opportunity, motivating the students to continue pursuing excellence while proudly representing the cultural identity of the institute on a wider platform.





## Republic Day

Name of the Event	Republic Day
Event date & time	26 <sup>th</sup> January 2025
Event location	Sports Ground

The National Institute of Technology, Delhi, successfully organised the Republic Day celebration on January 26 2025 in the college football ground with immense zeal, dignity, and patriotic fervour. The programme commenced with the ceremonial **flag hoisting** by our honourable Director, **Prof. Dr. Ajay K Sharma**, a moment that filled every heart with pride as the Tricolour unfurled against the morning sky. This was followed by a disciplined **march past by the guards**, showcasing impeccable coordination and respect, and then the soulful rendition of the **National Anthem**, which reverberated across the ground, uniting all in a collective spirit of patriotism.

Hon'ble Director, **Prof. (Dr.) Ajay K. Sharma** addressed the gathering with an inspiring speech, reflecting upon the ideals of the Republic and motivating students to uphold values of unity, responsibility, and excellence. The cultural programme then began, where students from various years captivated the audience with vibrant dance performances, melodious music, and powerful poetry, each item embodying reverence for the nation and celebrating its diversity. To add to the charm, the children of faculty members also delivered heartwarming performances, filling the occasion with innocence, joy, and applause from all corners.

The latter part of the celebration featured a **certificate distribution ceremony**, where students were felicitated for their outstanding contributions and achievements, inspiring the entire gathering with their dedication and excellence. This was followed by cheerful moments of **chocolate and gift distribution amongst the children**, a gesture that spread smiles and excitement among the young participants. Soon after, **group photographs** were taken, capturing the spirit of unity, pride, and festivity in timeless frames.

The event concluded with **refreshments for all attendees**, allowing everyone to bond and reflect on the wholesome spirit of the day. Overall, the Republic Day celebration was a dignified, vibrant, and memorable occasion – seamlessly blending discipline, cultural brilliance, recognition, and community warmth. It stood as a testament to the collective efforts of the NIT Delhi fraternity in honouring the spirit of the Republic in a truly meaningful way.





**NIT Delhi Cultural Team Participated in Fashion Show at SRM University, Delhi-NCR, Sonapat**

Name of the Event	Fashion Show
Event date & time	28 <sup>th</sup> February 2025
Event location	SRM University, Delhi-NCR, Sonapat

Under the supervision of Cultural Club Coordinator Dr. Sandeep Kumar, the Fashion Club of NIT Delhi proudly participated in the **Fashion Show** event at PRISMA 2K25, the annual cultural fest of SRM Sonapat. The event witnessed vibrant participation from colleges across the region, showcasing creativity, elegance, and confidence on the ramp.

NIT Delhi was represented by **Team Muse**, comprising **6 female and 6 male participants**, who performed both individual and paired walks. The team was guided by **Ms. Vishaka** and **Mr. Abdul Arsh**, whose mentorship ensured professional presentation and team coordination.

The theme of the show highlighted a unique blend of **traditional aesthetics with modern, edgy, and colourful styles**. The participants' attire, carefully designed and curated by the team, reflected innovation and hard work, leaving a striking impression on the audience and judges alike.

Despite tough competition, Team Muse achieved a commendable feat, securing the **3rd Position** at the event. Winners were awarded **cash prizes** of ₹15,000 (1st Prize), ₹8,000 (2nd Prize), and recognition for their outstanding performances.

The event successfully fostered a spirit of creativity, confidence, and teamwork, while giving students a platform to explore fashion as a medium of expression. Team Muse's performance added glory to NIT Delhi's cultural presence and served as a motivation for future artistic endeavours.





### Kathak Workshop

Name of the Event	Kathak Workshop
Event date & time	21 <sup>st</sup> -22 <sup>nd</sup> January 2025
Event location	OAT (Open Air Theatre)

The Cultural Club of NIT Delhi successfully organized the Kathak Workshop under the supervision of Cultural Club Coordinator Dr. Sandeep Kumar and Co-Coordinator Dr. Sahil on 21st and 22nd January 2025 at the Open-Air Theatre, following the resounding success of its first edition. Conducted by Mr. Krishal Prasad, this workshop drew the interest and participation of students from across different departments, eager to get an introduction to one of India's most graceful classical dance forms. Spanning across two days, the sessions offered a perfect blend of technical learning and creative expression, making the Open-Air Theatre pulse with energy, rhythm, and artistry.

The workshop began by introducing students to the fundamentals of Kathak, focusing on essential elements such as Tatkaar (the intricate footwork), Chakkar (spins), Hastak (hand movements), and Mudras (expressional gestures). Participants were also guided in understanding rhythm by learning to count beats and recognize time stamps within the 16-beat cycle of Teentaal, thereby improving their sense of timing and coordination. The progression of the sessions gradually built participants' confidence, preparing them not only to execute basic Kathak steps but also to appreciate the precision and beauty that characterize this classical art form.

A major highlight of the workshop was the segment where students performed a **semi-classical choreography** set to the soulful composition "**Sakal Ban**", featured in the Netflix series Heeramandi. This experience combined the rigor of classical technique with the creative excitement of performance, allowing participants to immerse themselves in the expressive and narrative side of the dance. The overall atmosphere throughout the two days was one of enthusiasm and joy, as beginners and enthusiasts alike came together, creating a vibrant cultural exchange.

The **Cultural Club ensured smooth organization and coordination**, providing an inclusive platform where students not only learned Kathak as a dance form but also connected with India's rich cultural traditions. The sessions left the participants inspired, motivated, and more confident in their abilities. More than just a technical training camp, the workshop became a collective celebration of rhythm, grace, and heritage, reflecting NIT Delhi's dedication to





promoting varied art forms alongside academic pursuits.

Name of the Event	VasudhaivKutumbhakam
Event date & time	4 <sup>th</sup> April 2024
Event location	OAT (Open Air Theatre)

### Vasudhaiv Kutumbhakam

Vasudhaiv Kutumbhakam (meaning “The world is one big family”) is the annual cultural extravaganza where students are invited to promote their cultural heritage in the form of dance, music, poetry and prose in a multitude of competitions organised by the club. Under the able guidance of the Director of NIT Delhi, **Prof. Dr. Ajay K. Sharma**, Dean Student Welfare Dr. V. S. Pandey, Associate Dean Student Welfare and Faculty Coordinator of the Cultural Club, Dr. Sandeep Kumar and Co-coordinator Dr. Sahil, the club successfully organised an inter college dance competition and intra college competitions in dance, music and poetry. A fashion walk to showcase cultural dressing was also organised during the event. In all, Vasudhaiv Kutumbhakam was not just a showcase of talent, but also a celebration of unity, creativity, and youthful spirit. As the curtains fell, the memories created promised to echo through the corridors of the college for a long time to come.

### Winners of Vasudhaiv Kutumbhakam

- Folklore Vibes (Inter-college Group Dance)

Winner – **Shaheed Rajguru college of applied sciences for women**

- Folklore Vibes (Intra-college Group Dance)

Winner – **Pratibha and Abhinav**

1st Runner-up – **Shambhavi and Ananya**

- Nritya Sampadan (Solo Dance)

Winner – **Deepali Chauhan**

1st Runner-up – **Chesta Tiwari**

2nd Runner-up – **Vardhi Renusri**

- Rhythm (Music)

Winner – **Vardhi Renusri**

1st Runner-up – **Deeksha Sankrit**

2nd Runner-up – **Balaji Paila**

- Veshbhusa (Cultural Attire)

Winner – **Keya**

1st Runner-up – **Shambhavi Singh**

2nd Runner-up – **Priya Sadulwar**

- Kavi Sammelan (Open-mic/Poetry)



Winner – **Sudhanshu Sharma**

### 6.2) 4th Convocation

National Institute of Technology Delhi hosted its 4<sup>th</sup> annual convocation ceremony on 09th November, 2024 at





Vigyan Bhawan, New Delhi. This event marks a significant milestone in the academic journey of our students and celebrates their hard work, dedication, and achievements.

### 6.3) Zeal 2025

The Cultural Club of NIT Delhi added vibrancy and cultural flair to ZEAL – the annual sports fest of the institute – through a series of spectacular dance performances and competitions. The fest began with opening performances by talented members of the Cultural Club, who enthralled the audience with their graceful moves and high-energy acts. These performances, carefully choreographed and passionately executed, set the tone for the entire fest, filling the atmosphere with excitement and anticipation. The Cultural Club of NIT Delhi organized two vibrant dance competitions – Inter-branch Group Dance Competition and Solo Dance Competition – as part of the annual sports fest ZEAL. The event drew enthusiastic participation from all branches, with students showcasing a wide range of dance styles, from classical and folk to hip-hop and freestyle. The lively performances reflected the immense talent and energy within the student community.





## DEPARTMENT DETAILS

- 7.1 Department of Applied Science, Humanities and Management
- 7.2 Department of Civil Engineering
- 7.3 Department of Computer Science and Engineering
- 7.4 Department of Electronics and Communication Engineering
- 7.5 Department of Electrical Engineering
- 7.6 Department of Mechanical and Aerospace Engineering





## 7.1) Department of Applied Science, Humanities and Management

### Departmental Summary (1st April 2024–31st March 2025)

Number of Journal publications (International)	55	Number of PhD completed	02
Number of Journal publications (National)	-	Number of new PhD students enrolled	-
Number of International Conferences attended	06	Number of New PG students completed	08
Number of National Conferences attended	-	Number of New PG students enrolled	09
Number of STC/ Workshop/ courses attended	-	Number of faculty members enrolled for higher qualifications	-
Number of STC/ Workshops conducted	01	Number of faculty members upgraded qualifications	-
Number of conferences conducted	-	Number of Patents granted	02
Number of expert talks delivered by faculty	01	Number of copyrights granted	-
Number of expert talks organized	01	Any other important information	5(f)

### 1) Faculty

#### Head of Department - Dr. Anuj Kumar Sharma

S. No	Name	Position	Qualifications	Major Areas of Specialization	Dissertation Status Ph.D./ M.Tech/M.Sc.	
					In-process	Completed
1.	Dr. Anuj Kumar Sharma	Associate Professor	Ph.D.	Nanophotonics, Fiber optics, Opto-electronic devices, Photonic device modelling	06/01/00	00/00/00
2.	Dr. Gyanendra Sheoran	Associate Professor	Ph.D.	Optical imaging and instrumentation, Biomedical optics, Digital Holography, Microwave imaging and instrumentation, Microwave Holography, Spectral imaging	06/00/00	00/00/00
3.	Dr. V S Pandey	Associate Professor	Ph.D. (IIT-BHU)	Electrodynamics, EM waveguide, Antennas for GHz and THz applications, Magnetohydrodynamics, MHD waveguide, MHD modeling of the transient, Phenomena of Sun and Interplanetary Space, MHD-Fluids/ Nano-fluids, and nano-scale devices	11/00/00	02/00/00



4.	Dr. Amit Mahajan	Associate Professor	Ph.D.	Applied Mathematics	08/03/00	00/00/00
5.	Dr. Amit Pratap Singh	Associate Professor	Ph.D.	Design and synthesis of new porous materials with metal skeleton and their application in catalysis, chemical technology, and host-guest chemistry (molecular adsorption and molecular recognition), electrical, optical and magnetic properties.	05/00/00	00/00/00
6.	Dr. Prashant Kumar	Associate Professor	Ph.D. Postdoc	Computational Applied Mathematics, Ocean Wave Climate, Climate Variability, Sea-level Rise, Extreme wave Modeling, Mathematical Modeling of Coastal Region, AI and Machine Learning	05/04/00	00/05/00
7.	Dr. Chumki Dalal	Assistant Professor	Ph.D.	Chemistry, Material Science, Nanomaterials, Nanobiotechnology	00/00/00	00/00/00
8.	Dr. Gautam Kumar	Assistant Professor, Grade-II	Ph.D.	Convection in Porous Media, Hydrodynamics Stability, Electrohydrodynamics, Geophysical Fluid Dynamics	00/00/00	00/00/00
9.	Dr. Krishna Kumari	Assistant Professor	Ph.D. in Management UGC NET and JRF MBA, BBA	Human Resource Management and Financial Management	00/00/00	00/00/00
10.	Dr. Mahadeva Swamy N. N.	Assistant Professor	MPhil /Ph.D.	Indian Writing in English, Literatures of Marginalized, Comparative Literature, Communication Skills	00/00/00	00/00/00
11.	Dr. Rahul Pandey	Assistant Professor (Physics)	Ph.D.	Solar Cells, Perovskite Solar Cells, Tandem Solar Cells, TCAD Simulation, Device Modeling, Semiconductor Devices, Field Effect Transistors, Process Simulation, Photovoltaics, Energy Materials, Machine Learning with Semiconductor Devices.	00/00/00	00/00/00



12.	Dr. Manoj Kumar Nayak	Assistant Professor	Ph.D.	Sustainable Energy; Solar Cells; Green Hydrogen Generation; Materials and Structure, Composite Materials Coatings, Smart Waste Management, Fluid Dynamics, and Heat Transfer; Thermal Management: Batteries and Solar Photovoltaics; Environment.	00/00/00	00/00/00
13.	Dr.Subin Scaria	Assistant Professor	Ph.D.	Cultural Studies, English Language and Literature, Modernity Studies, Life Studies	00/00/00	00/00/00

## 2) Academic Programmes

### Undergraduate Programmes

- B.Tech (Computer Science and Engineering),

### Postgraduate Programmes

- M.Tech Computer Science and Engineering (Information Security)
- M Tech (Computer Science and Engineering)
- M.Tech (Data Science and Engineering)
- Ph.D. Programme (Full time and Part Time)

## 3) List of Laboratories

- Undergraduate Laboratories
- Post Graduate Laboratories
- Research Laboratories

## 4) Student Placement

### UG (Batch 2021-25)

Number of Students Job Offers	-	NA
Number of Students Placed	-	NA

### PG (Batch 2023-25)

Number of Students Job Offers	-	06
Number of Students Placed	-	06

**GATE-2025**-NIL

## 5) Academic Activities of The Department

**1. Industrial consultancy projects (ongoing and new)**-Bajaj Electricals Pvt. Ltd. for the illumination of various places in India ~1.2 lakhs. (Dr. Gyanendra Sheoran)



## 2. International/National Conferences/GIAN Courses/STC /FDP Organized

S. No.	Name of the Event	Coordinator(s)	Sponsored by	Dates
1	The Future of Nanotechnology in VLSI	Dr V S Pandey, Dr.Preeti Verma, Dr. Harish Kumar, Dr. D. Vaithyanathan	NIT Delhi	18/11/2024-23/11/2024

## 3. Patents Published in the calendar year 2024

S. No.	Title of Invention	Inventors	Department	Patent No.
1	Coil Based Solar Cooking Heater	S. Swain, S. S. Sahoo, M. K. Nayak, V. S. Pandey, et al.	Engineering and Technology	538847
2	A Parasitic element-based multiple input multiple output (MIMO) antenna system	P. K. Chakravarti, V. S. Pandey, Manisha Bharti, Preeti verma, Ajay K. Sharma	Engineering and Technology	202411100796
3	A system and method for continuous recirculation of hot air for obtaining uniform temperature distribution and for providing thermal conditioning	S. S. Sahoo, Ajay K Sharma, P. Das, P. K. Satapathy, V. S. Pandey, M. K. Nayak, Preeti Verma	Engineering and Technology	202311090098
4	Benzene structure based circularly polarized beam reconfigurable antenna for microwave imaging based biomedical applications	R. Yadav, V. S. Pandey, Preeti Verma, Ajay K. Sharma, Divya Puniya	Engineering and Technology	202411064722
5	System of integrated machine Learning model for real time Enhancement in the performance of Surface Plasmon Resonance (SPR) Sensor	Y. S. Dwivedi, Anuj K. Sharma, Ajay Kumar Sharma, Rishav Singh	Applied Sciences	202411097663
6	Real-Time Monitoring System for Critical Blood Parameters Using Fiber Bragg Grating (FBG) Sensors	Y. S. Dwivedi, Anuj K. Sharma, Ajay Kumar Sharma, Rishav Singh	Applied Sciences	202411099040

## 4. Patents (Granted) in the year 2024-2025

S. No.	Title of Invention	Inventors	Department	Patent No.
1	Telecentric digital holographic microscopy system and method for extended depth of focus imaging	Dr.Gyanendra Sheoran	Applied Science	555399
2	Coil Based Solar Cooking Heater	S. Swain, S.S. Sahoo, M.K. Nayak, V S Pandey, M. Baral& D. Nayak.	Applied Science	538847



**5. Honours/ Distinctions and awards obtained by the faculty:** Included among top 2% scientists list released by Elsevier BV and Stanford University (Dr.Anuj Kr. Sharma)

**6. Other Extension Tasks - 00**

**Placement Data (MTech. Mathematics & Computing)**

Department	Actual No. of Students	Number of Students opted out	Number of Students pursuing higher studies	Students Registered for Placement	Actual No. of Student Placed (Intern + PPO + FTE)	No. of students having FTE	No. of Students Having Intern/ Intern+PPO	Average CTC	Average Stipend	Highest CTC	Highest Stipend(k)	Median CTC	No. of students not having FTE	No. of Students yet to be placed	Percentage
MAC	8	0	0	8	6	6	4	7.31	28.75	8.5	35	7.65	2	2	75

**7.2) Department of Civil Engineering**

**Departmental Summary (1st April 2024-31st March 2025)**

Number of Journal publications (International)	11	Number of PhD completed	00
Number of Journal publications (National)	05	Number of new PhD students enrolled	05
Number of National Conferences attended	00	Number of New PG students completed	00
Number of International Conferences attended	10	Number of New PG students enrolled	13
Number of STC/ Workshop/ courses attended	01	Number of faculty members enrolled for higher qualifications	00
Number of STC/ Workshops conducted	02	Number of faculty members upgraded qualifications	00
Number of conferences conducted	00	Number of Patents granted	00
Number of expert talks delivered by faculty	03	Number of copyrights granted	00
Number of expert talks organized	06	Any other important information	00

**1) Faculty**

**Head of Department-Dr. Kapil Kumar**

S.No.	Name	Position	Qualifications	Major Areas of Specialization	Dissertation Status Ph.D./ MTech/M.Sc.	
					in-process	Completed
1.	Dr. Ajay Kumar	Associate Professor	Ph.D.	Structural Engineering	08/06/00	07/00/00
2.	Dr.Kapil Kumar	Assistant Professor Grade I	Ph.D.	Environmental Engineering	08/03/00	01/00/00



3.	Dr.Saurabh Rawat	Assistant Professor Grade I	Ph.D.	Geotechnical and Geo-environmental Engineering	00/00/00	00/00/00
4.	Dr. Rahul Kumar Meena	Assistant Professor Grade II	Ph.D.	Structural Engineering	01/04/00	00/00/00

## 2) Academic Programmes

### Undergraduate Programmes

- B. Tech (Civil Engineering),

### Postgraduate Programmes:

- M.Tech Civil Engineering
- Ph.D. Programme (Full time and Part Time)

## 3) List of Laboratories

### Total Laboratories-10

- LESER (Laboratory of Environmental Sustainability and Energy Research)
- JEEVAN Lab (Joint Efforts for Environmental Vision and Advancement of Nature)
- Computational Laboratory
- Geotechnical Engineering Laboratory
- Concrete Laboratory
- Transportation Engineering Laboratory
- Material Testing Laboratory
- Surveying Laboratory
- Water Resources Engineering Laboratory
- Ultratech Centre of Excellence
- All Laboratories cater to UG and PG students as well as to Research Scholars

## 4) Student Placement

### UG (Batch 2021-25)

Number of Students Job offers -NA

Number of Students Placed -NA

### PG (Batch 2023-25)

Number of Students Job offers -NA

Number of Students Placed -NA

**(Remark-None of the batch of Department of Civil Engineering, NIT Delhi has yet graduated/completed the Course and thus Placement Statistics are not applicable)**



## GATE-2025

S.No.	Student Name	Rank
1	Lakhan Rawat	525
2	Vineet Sharma	1877
3	Abhishek Tomar	5847
4	Ankit Singh Patel	9201
5	Md. Huzaifa	11189
6	Sahil Brar	12999
7	Bhavuk Mitharwal	14905
8	Vishal Singh	19910
9	Pushpendra Rawat	24557

## 5) Academic Activities of The Department

### 1. Industrial consultancy projects (ongoing and new)

S.No.	Title of Consultancy Project	Funding Agency	Amount sanctioned (in Rs.)	Date of start & total duration	Name of Principal Consultant (PC) and other Investigators	Status- Ongoing/ Completed
1	Design, vetting, and testing work	Various govt. and non govt. organizations	Rs. 55 lakh/ (Approx.)	01.06.2024 to 31.05.2025	Dr. Ajay Kumar	Completed
2.	Fly Ash Audits, DPR (Detailed Project Reports Appraisals), TPA (Third Party Audits), Vetting etc.	Various govt. and non govt. organizations	Rs. 50 Lakhs (Approx.) Rs. 84,25,700	01.04.2024 to 31.03.2025	Dr.Kapil Kumar	Completed (Major) + Ongoing (A few)
3.	TPQA for various existing and upcoming Infrastructural facilities, buildings, roads etc.; Design and Material Testing etc.	Various govt. and non govt. organizations	Rs. 35 Lakhs (Approx)	01.06.2024 to 31.05.2025	Dr. Rahul Kumar Meena	Completed + Ongoing
4.	TPQA for Construction of ESIC Hospital at Bareilly Including all Civil & MEP Service	CPWD, Delhi	Rs. 34,81,000	2024	Dr. Rahul Kumar Meena, Dr.Kapil Kumar, Dr. Manoj Kumawat, Dr. Ashok Dewangan	Ongoing



5.	TPQA for Construction of School of Engineering and Atal Bihari Vajpayee School of Management & Entrepreneurship at JNU Campus new Delhi Including all Civil & MEP Service.	CPWD, Delhi	Rs. 42,87,743.00	2024	Dr. Rahul Kumar Meena, Dr. Ajay Kumar, Dr. Manoj Kumawat, Dr. Ashok Dewangan	Ongoing
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## 2. International/National Conferences/GIAN Courses/STC /FDP Organized

S. No.	Name of the Event	Coordinator(s)	Sponsored by	Dates
1	Recent Advances in Civil and Environmental Engineering STC Collaborator: NIT Jalandhar	Dr. Ajay Kumar & Dr. Rahul Kumar Meena (NIT Delhi) Dr. Neelam Rani & Dr. Shashikant Sharma (NIT Jalandhar)	-	24.06.2025 to 28.06.2024
2	Practical Solutions to Disaster Management FDP	Dr. Ajay Kumar, Dr. Kapil Kumar	NIDM, Rohini	21.10.2024 to 25.10.2024
3	Advanced Materials for Sustainable Infrastructure STC	Dr. Ajay Kumar, Dr. Rahul Kumar Meena	-	23.09.2024-27.09.2024

## 3. Patents Published in the calendar year 2024 -NIL

## 4. Patents (Granted) in the year 2024-2025 -NIL

## 5. Honours/ Distinctions and awards obtained by the faculty

- **Dr. Kapil Kumar** awarded by Director, NIT Delhi for garnering Consultancy for the Institute.
- **Dr. Ajay Kumar** awarded by Director, NIT Delhi for best teacher award in Civil Engineering department.

## 6. Other Extension Tasks -NIL

## 7.3) Department of Computer Science and Engineering

### Departmental Summary (1st April 2024-31st March 2025)

Number of Journal publications (International)	33	Number of PhD completed	NIL
Number of Journal publications (National)	NIL	Number of new PhD students enrolled	09
Number of International Conferences attended	04	Number of New PG students completed	54
Number of National Conferences attended	NIL	Number of New PG students enrolled	40
Number of STC/ Workshop/ courses attended	03	Number of faculty members enrolled for higher qualifications	NIL
Number of STC/ Workshops conducted	12	Number of faculty members upgraded qualifications	NIL
Number of conferences conducted	02	Number of Patents granted	NIL
Number of expert talks delivered by faculty	15	Number of copyrights granted	NIL
Number of expert talks organized	05	Any other important information	-



## 1) Faculty

### Head of Department–Dr. Munesh Singh

S.No.	Name	Position	Qualifications	Major Areas of Specialization	Dissertation Status Ph.D./ MTech/B.Tech..	
					In-process	Completed
1	Prof. (Dr.) Geeta Sikka	Professor	Ph.D. Analysis & Design of Analogy based Software Effort Estimation Approaches (National Institute of Technology, Jalandhar)	Data Mining, Data Warehousing, Databases, Data Science, Data Analytics, Big Data, Software Engineering, Security, Cloud Computing	08/05/04	02/05/04
2	Dr. Shelly Sachdeva	Associate Professor	Ph.D.(Computer Science and Engineering) from University of Aizu, Japan	Databases, Big Data, Data Science, Data Analytics	05/06/06	03/06/06
3	Dr. Anurag Singh	Associate Professor	Ph.D. (IIT Kanpur, India), 2013	Complex Networks, Optimization, Video analytics	04/06/08	00/04/06
4	Dr. Karan Verma	Associate Professor	Ph.D. (UniversityTeknologi Petronas, Malaysia)	Ubiquitous Computing, federated learning	05/06/08	00/05/08
5	Dr.Munesh Singh	Associate Professor	Ph.D.	Wireless Network, Network Security, SDN	02/00/00	00/00/00
6	Dr. Amandeep Kaur	Assistant Professor	Ph.D.	Internet of Things (IoT), Fog Computing, Cloud Computing	03/07/12	00/02/08
7	Dr.Gautam Kumar	Assistant Professor	Ph.D. (CSE) from NIT Rourkela	Biometrics, Image Processing and Computer Vision, Pattern Recognition and Machine Learning, Healthcare and Robotics	07/06/17	00/11/10
8	Dr.Gunjan	Assistant Professor	Ph.D.	Wireless Sensor Networks, Healthcare	05/14/17	00/03/08
9	Dr.Sahil	Assistant Professor	Ph.D. (Computer Engineering)	Edge Intelligence, Data Analytics, Fog Computing, Edge Computing, Bibliometrics, Smart Environments	03/09/16	00/02/08
10	Dr.Ankur	Assistant Professor	Ph.D. (Delhi Technological University (Formerly Delhi College of Engineering))	RDHAI, Quantum Computing, Image Processing	00/00/03	00/00/00



11	Dr. Gulab Sah	Assistant Professor	Ph.D. (National Institute of Technology, Arunachal Pradesh)	Network Security using Machine Learning	00/00/02	00/00/00
12	Dr. Nisha Singh	Assistant Professor	Ph.D.	Deep Learning, Intelligent Transportation System	00/00/00	00/00/00

## 2) Academic Programmes

### Undergraduate Programmes

- B Tech (Computer Science and Engineering),
- B. Tech (Artificial Intelligence and Data Science)
- B. Tech (Artificial Intelligence and Machine Learning) - Minor Degree

### Postgraduate Programmes

- M.Tech Computer Science and Engineering (Analytics)
- M Tech (Computer Science and Engineering)
- Ph.D. Programme (Full time and Part Time)

## 3) List of Laboratories

### Under Graduate Laboratories

S. No.	Lab No.	Laboratory Name
1	Lab-03	Programming Lab-1
2	Lab-17	Programming Lab-2
3	Lab-12	Big Data Analytics and Intelligent Systems Lab (BDAIS)
4	Lab-10	Computer Networks and Architecture Lab

### Post Graduate Laboratories

S. No.	Lab No.	Laboratory Name
1	Lab-09	Artificial Intelligence and Data Science Lab
2	Lab-103	Complex System Lab
3	Lab-102	AI Research and Innovation Lab

### Research Laboratories

S. No.	Lab No.	Laboratory Name
1	Lab-04	Ubiquitous Computing Lab
2	Lab-13	Data Analytics and Vision for Smart Environments Lab (DAViSE)
3	Lab-14	Visual Computing and Robotics Lab



#### 4) Student Placement

##### UG (Batch-2021-25)

Number of Students Placed - 68

##### PG (Batch-2023-25)

Number of Students Placed - 40

#### 5) Academic Activities of the Department

##### 1. Sponsored R & D Projects

S.No.	Title of Project	Funding Agency	Financial Outlay	Year of start & total period	Name of P.I and other Investigators	Status-started or completed or in progress
1.	High Performance Computing (FIST Infrastructure Support) (Co-PI)	DST	118 Lakhs SR/FST/ET-1/2023/1231	3 years	Prof Geeta Sikka -PI Dr. Ajay K. Sharma, Co-PI Dr Anurag Singh Co-PI Dr Karan Verma Co-PI	Ongoing
2.	Startup grant for PALANAM company to develop video parental control app	TIH, IIT Patna	10,00,000	Sept., 2022	Dr. Anurag Singh	Ongoing
3.	INCOIS Project on "Extended Forecast of Wind-wave Parameters along the Indian Coastline using Multi-tasking Machine-learning Techniques	DST	17,31, 000	2024	Dr. Prashant Kumar, Dr. Anurag Singh	Ongoing
4	Optimizing LoRa Spreading Factor Scheduling through Incentive Mechanisms	DST (MATRICS)	6,00,000/-	2024-2027	Dr. Karan Verma	Ongoing
5	Development of a system for the early diagnosis of heart diseases based on deep learning models using ECG signal processing	DST (EEQ)	35,77,000/-	2024-2027	Dr. Karan Verma	Ongoing
6	An Intelligent Network Analyzer cum Patcher for advanced security hardening of the organizational network	Device Development Programme (DDP), Department of Science & Technology, SERB	Rs 72,79,420 at CSE Dept NIT Jalandhar	Sept 2021	Dr Urvashi - PI Dr Geeta Sikka - Co-PI Dr L K Awasthi - Co-PI Dr Harsh Verma -Co-PI	Ongoing



## 2. Industrial consultancy projects (ongoing and new)-NIL

### 3. International/National Conferences/GIAN Courses/STC /FDP Organized

S. No.	Name of the Event	Coordinator(s)	Sponsored by	Dates
1	1st International Conference on Pioneering Developments in Computer Science and Digital Technologies-2024	Prof.Dr.Geeta Sikka (Conference Chair) Dr. Shelly Sachdeva (Conference Co-Chair) Conference Secretary - Dr. Karan Verma	Technically sponsored by IEEE and financially supported by DST-SERB, DRDO, Khalsa College of Engineering & Technology Amritsar, EdutechPvt. Ltd., Itaynix Technologies, and ICICI Bank	2 August 2024 to 4th August 2024
2	Five Days Short Term Course on "Evolving Artificial Intelligence"	Convenor- Prof Dr. Geeta Sikka Coordinators- Dr. Amandeep Kaur and Dr. Gautam Kumar	Self-Sponsored	28th-01st June 2024
3	One week Short-term Course on Decoding Business Insights: AI, Data Analytics and Research Synergies	Convenor-Prof.(Dr.) Geeta Sikka Coordinators-Dr. Amandeep Kaur and Dr.Sahil	Self-Sponsored	29th May-4th June 2025
4	SCT on IoT	Dr. Anurag Singh	AWaDH IIT Ropar, NIT Delhi and self	June 3-8, 2024
5	Workshop on Topics in Generative AI	Dr. Anurag Singh	DRDO, AGMATEL	July 20-24, 2024
6	Workshop on IoT	Dr. Anurag Singh	Self	Nov 11-15, 2024.
7	Workshop on IoT	Dr. Anurag Singh	Self	Nov 18-22, 2024.
8	ATAL FDP on Generative AI: Techniques, Tools, and Applications	Dr. Anurag Singh, Dr. Karan Verma	ATAL AICTE, NIT DELHI	Feb. 03-08, 2025
9	Workshop on IoT	Dr. Anurag Singh, Dr.Sahil	AWaDH IIT Ropar, NIT Delhi and self	March 19-24, 2025.
10	MATLAB Training & Research	Dr. Karan Verma, Dr. Rikmantra Basu	MathWorks	Aug. 21st - 24th, 2024



11	12 <sup>th</sup> International Conference on Big Data Analytics in Astronomy, Science and Engineering	Dr.Geeta Sikka (Patron) Dr. Shelly Sachdeva (General Chair) Dr. Yutaka Watanobe (Programme Committee Chair) Dr. Subhash Bhalla (Programme Committee Chair)	Self Sponsored	26-November-2024 to 28-November-2024
12	ATAL FDP on Leveraging Healthcare: Innovations, Technology and Applications (HealthITA)	Dr. Shelly Sachdeva (Coordinator) Dr. D. Vaithyanathan (Co-coordinator)	ATAL Sponsored	16-December-2024 to 21-December-2024
13	Five Days Short Term Course on "Evolving Artificial Intelligence"	Dr Amandeep Kaur, Dr Gautam Kumar	Self-Sponsored	28th - 01st June 2024
14	Short Term Course on "Designing the future of Networks: Conceptualizing VANET, IoT, UAN, and 5G with NETSIM"	Dr Gunjan, Dr Divya Punia, Dr Jaspinder Kaur	Self-Sponsored	26/02/24 to 01/03/24

#### 4. Patents Published in the calendar year 2024

S. No.	Title of Invention	Inventors	Department	Patent No.
1	Hands-free navigation system for controlling unmanned vehicles (UVs)	Akshay Singh, Dr. Karan Verma	CSE	202411099032

#### 5. Patents (Granted) in the year 2024-2025 - NIL

#### 6. Honours/ Distinctions and awards obtained by the faculty

- **Prof. (Dr.) Geeta Sikka** - Appreciation for Outstanding Contribution to Research & Academia for the year 2023 at NIT Delhi (Institute Level- Ranked 1st) on 15 August 2024.
- **Prof. (Dr.) Geeta Sikka** - Appreciation for Outstanding Contribution to Research & Academia for the year 2023 at NIT Delhi (**Department Level-Ranked 1st**) on 15 August 2024.
- **Dr. Karan Verma - DST International Travel Support (ITS) grant**- 5th International Conference on Innovations in Computer Intelligence and Computer Vision (ICICV-25) at Italy (University of Calabria), June 04th - 06th, 2025.
- **Dr. Karan Verma & Dr. Gyanendra Sheoran - GIAN-25 Course grant**-*Federated Learning-Driven Communication Satellite and UAV Networks* (Prof. Varun Jeoti, University of Novi Sad, Serbia), at NIT Delhi, July 21st - 27th, 2025.
- **Dr. Shelly Sachdeva received Research Innovation Excellence Award, DTU (Sep 5, 2024)**



- **Dr. Shelly Sachdeva received Dedication Distinction Award 2024 by KCET (8 March 2024)**
- **Dr. Shelly Sachdeva received the Award of Appreciation in recognition of her outstanding contribution to research and academia by NIT Delhi (15 August 2024).**

7. Other Extension Tasks

**1) Prof. Geeta Sikka**

- **Member of Various BOS of reputed organizations**

1. External Expert, BOS Computer Science & Engg, and Computer Science & Applications **DAVIET Jalandhar**
2. External Expert Board of Studies , **IGPTU Kapurthala**
3. External Expert, Board of Studies, **Guru Jambheshwar University of Science and Technology, Hisar**
4. Member of BoS of Computer Science & Information Technology, **Alliance College of Engineering and Design, Bangalore**
5. External Expert BOS **Manipal University Jaipur**
6. External Expert BOS **PIET Panipat**
7. Member of Academic Council (Sub Committee) of **USAR, GGSIPU, Delhi**
8. Member of Faculty Research Grant Scheme for the session 2025-26 of **GGSIPU, Delhi.**

- **Member of Various Selection Committees of reputed organizations**

1. Selection Committee Member at **Punjab University Chandigarh** for Institute of Engineering and Technology (CSE) Promotion from Assistant Professor(Selection Grade/Academic Level 12) to Associate Professor(Academic Level 13A) under UGC Career Advancement Scheme
2. Selection Committee Member for **Amity University Kolkatta**
3. Member of **Advisory Committee for Faculty Recruitment (ACoFAR)** at NIT Delhi
4. Selection Committee Member at NIT Delhi for recruitment to the post of **Assistant Registrar, Deputy Registrar, Registrar**
5. Selection Committee Member at NIT Delhi for recruitment to the post of **Assistant Professor, Associate Professor and Professor in the Department of Computer Science & Engg, Electronics and Communication Engg, Aerospace Engg, Dept of Physics, Electrical Engg.**
6. Selection Committee Member at NIT Delhi for recruitment to the post of **Library and Information Assistant, SAS Assistant, Technical assistant in CSE and CC.**

- **Expert Talk**

S. No.	Institute	Title	Topic	Date
1	Khalsa College of Engineering and Technology, Amritsar, Punjab	Machine Learning	Decision Trees for Classification and Regression, Correlation and Regression	February 27th and 28th, 2025
2	NIT Jalandhar	Expert talk at 5 days Workshop on AI powered Secure Decision making based on Situational Awareness	Navigating the AI Frontier	15 <sup>th</sup> – 19 <sup>th</sup> July, 2024, NIT Jalandhar



## 2) Dr. Karan Verma

**Training and Skill Internship** at NIT Delhi **Apeejay Stya University, Sohna** (30 Student's)-June 01st-30th, 2025.

## 3) Dr. Shelly Sachdeva delivered

1. Expert Talk on Scientific Collaborative Workshop between CSIR National Physical Laboratory (NPL), New Delhi and National Institute of Technology (NIT) Delhi", organized by the NPL, New Delhi on January 18, 2024, at NPL, New Delhi.
2. Expert Talk for AICTE Sponsored STTP on "Next Generation AI Research Perspectives," NIT Nagaland , 18 24 Mar 2024, titled "Data Science and Healthcare".
3. Expert Talk for ATAL AICTE sponsored Faculty Development Program on "Enhancing IoT with Machine Learning: Innovations and Applications", VI PS Delhi, December 16 21, 2024 titled "Modeling on IoT Data".

## 4) Dr. Munesh Singh invited delivered

1. Expert Talk in One week E&ICT Sponsored FDP on "Pioneering 6G: Innovations, Applications, and The Road Ahead, IIITDM Jabalpur, MP & MNIT Allahabad, UP, **29 May, 2025**
2. Expert talk in one week FDP on Integrating AI with IoT for Secure and Intelligent Computing from **19th to 23rd May, 2025** , University of Engineering and Management, Kolkata.
3. Expert Talk Invitation on one week E&ICT Approved FDP on "Integrating AI and Emerging Technologies in Next Generation Network Systems, SRM Amravati, AP, **April 22, 2025.**

## 5) Dr. Sahil

### Expert Lectures for STC

1. **Resource Person** on Next Gen Agriculture: Challenges, Opportunities and Enabling Technologies in One Week Short Term Course on Internet of Things and Artificial Intelligence: Emerging Trends, Tools and Techniques, organized by School of Computing, Indian Institute of Information Technology Una, Una, HP, India in April 2024.
2. **Expert Lecture** on Art of Bibliometrics: A Practitioner's View in One Week Short Term Course on Artificial Intelligence driven Data Analytics for Business Research and Teaching, organized by Department of Management, ABV Indian Institute of Information Technology Gwalior, Gwalior, MP, India in May 2024.
3. **Expert Lecture** on Need of Fog Augmentation in IoT based Environments in One Week Short Term Course on Beyond Connectivity: The Evolution of Next Gen IoT organized by Department of Computer Science and Engineering, National Institute of Technology Delhi, Delhi, India in March 2025.
4. **Expert Lecture** on Basics of Python for Machine Learning in One Week Short Term Course on Decoding Business Insights: AI, Data Analytics and Research Synergies jointly organized by Department of Computer Science and Engineering, National Institute of Technology Delhi, Delhi, India and ABV Indian Institute of Information Technology and Management Gwalior, Gwalior, MP, India in May 2025.

### Training and Internship

1. **Coordinator**, Two Months Summer Internship 2025 at DAViSE Lab in the domain of Data Analytics and Machine Learning from 03.06.2025-01.08.2025.

### Session Chairs for International Conferences

1. **Session Chair** for a IEEE International Conference on Integrated Circuits, Communication and Computing Systems (ICIC3S 2024), organized by School of Electronics, Indian Institute of Information Technology Una, Una, HP, India in June 2024.



2. **Session Chair** for a IEEE Global AI Summit 2024, International Conference on Artificial Intelligence and Emerging Technology, organized by School of Computer Science and Engineering, Bennet University, Greater Noida, UP, India in September 2024.

3. **Session Chair** for an International Conference on AI driven Human centric Solutions and Sustainable Transformation (AI HCSST 2025), organized by Department of Management, ABV Indian Institute of Information Technology Gwalior, Gwalior, MP, India in March 2025.

#### 6) Dr. Amandeep Kaur

1. **Expert Lectures for** Visual Exploration of Literature using VOSViewer in One Week FDP on “Artificial Intelligence driven Data Analytics for Business Research and Teaching” Organized by ABV II ITM Gwalior 24th May 2024 to 30th May 2024

2. **Expert Lecture** on Predictive Models in One Week Short Term Course on Decoding Business Insights: AI, Data Analytics and Research Synergies jointly organized by Department of Computer Science and Engineering, National Institute of Technology Delhi, Delhi, India and ABV Indian Institute of Information Technology and Management Gwalior, Gwalior, MP, India in May 2025.

#### Session Chairs for International Conferences

1. **Session Chair** for an International Conference on AI driven Human centric Solutions and Sustainable Transformation (AI HCSST 2025), organized by Department of Management, ABV Indian Institute of Information Technology Gwalior, Gwalior, MP, India in March 2025.

2. **Session Chair** for IEEE Ist International Conference on Pioneering developments in Computer Science & Digital Technologies (IC2SDT 2024), National Institute of Technology, Delhi in August 2024.

#### 7) Dr. Gunjan

1. Internship & Workshop on “ **Optimization Techniques in IoT enabled Wireless Sensor Networks** ”, sponsored by ANRF, 08/03/24-05/04/24

2. Expert talk on “**Multi objective optimization algorithms and their applications in IoT enabled Wireless Sensor Networks**” in (FDP) titled “Emerging Optimization Techniques for Engineering and Real World Applications” to be held from July 15th to July 19th, 2024, at Netaji Subhas University of Technology.

3. **Session Chair** for IEEE Ist International Conference on Pioneering developments in Computer Science & Digital Technologies (IC2SDT 2024), National Institute of Technology, Delhi in August 2024.

#### 7.4) Department of Electronics and Communication Engineering

##### Departmental Summary (1st April 2024-31st March 2025)

Number of Journal publications (International)	74	Number of PhD completed	03
Number of Journal publications (National)	00	Number of new PhD students enrolled	14
Number of International Conferences attended	112	Number of New PG students completed	18
Number of National Conferences attended	02	Number of New PG students enrolled	08
Number of STC/ Workshop/ courses attended	01	Number of faculty members enrolled for higher qualifications	00
Number of STC/ Workshops conducted	15	Number of faculty members upgraded qualifications	00



Number of conferences conducted	62	Number of Patents granted	01
Number of expert talks delivered by faculty	13	Number of copyrights granted	00
Number of expert talks organized	08	Any other important information	00

## 1) Faculty

### Head of Department – Dr. Rikmantra Basu

S. No.	Name	Position	Qualifications	Major Areas of Specialization	Dissertation Status Ph.D./MTech/B. Tech.	
					In-process	Completed
1	Prof. (Dr.) Manoj Kumar	Professor	Ph.D.	VLSI Design, Analog/Digital and Mixed Signal Design, Low Power Design.	07/04/06	01/05/05
2	Prof. (Dr.) Jyoteesh Malhotra	Professor	Ph.D.	Machine learning, Next generation communication networks, signal processing, IoT	06/04/06	01/04/05
3	Dr. Manisha Bharti	Associate Professor	Ph.D.	Optical & Wireless Communication & Networks, Digital VLSI	06/04/05	00/04/05
4	Dr. Rikmantra Basu	Associate Professor	Ph.D.	Group IV or Silicon Photonics, Semiconductor Devices; Solar Cells, Electronic Circuits & Devices; Optoelectronics & Optical Communication, Nano photonics etc.	04/02/04	07/04/05
5	Dr. Baljit Kaur	Assistant Professor	Ph.D.	<ul style="list-style-type: none"> <li>Digital IC Design</li> <li>Standard cell library characterization</li> <li>Delay Modeling of combinational logic cells</li> <li>Device design for better subthreshold swing</li> <li>Device circuit co-design</li> </ul>	01/03/00	02/03/04
6	Dr. D. Vaithyanathan	Assistant Professor	Ph.D.	Computer Architecture, VLSI Design and Embedded Systems	06/06/04	05/03/03
7	Dr. Sandeep Kumar	Assistant Professor	Ph.D.	Signal Processing (Speech, Audio, Video, Image, Bio, etc), Communication & Instrumentation	06/04/05	01/04/05
8	Dr. Sachin Agrawal	Assistant Professor	Ph.D.	RF Energy Harvesting High Frequency Circuit Design Antenna Design, THz Communication, VLSI Design	02/03/04	00/10/04



9	Dr. Nitin Singh Singha	Assistant Professor	Ph.D.	AI machine learning	2.5/02/3.5	03/00/04
10	Dr. Dharmendra Kumar Jhariya	Assistant Professor	Ph.D.	<ul style="list-style-type: none"> <li>RF and Microwave Circuits (UWB Bandpass Filters, Filtantenna),</li> <li>Wireless Communication</li> <li>Telecommunication Networks</li> <li>IoT&amp; Machine Learning AI</li> </ul>	03/06/04	00/03/04
11	Dr. Mahesh Kumar Singh	Assistant Professor	Ph.D.	Computer Vision, Robotics, Signal and Image Processing, Biomedical Image Processing, Machine Learning and Pattern Recognition, Artificial Intelligence, Data Science and Analysis	00/03/04	00/01/04
12	Dr. Preeti Verma	Assistant Professor	Ph.D.	VLSI Design	03/02/04	00/03/03
13	Dr. Manish Verma	Assistant Professor Grade-II	Ph.D.	Solar Cells, Semiconductor compound materials, FinFETs and TFETs, Quantum modelling, VLSI Design.	1.5/03/00	00/01/00

## 1) Academic Programmes

### Undergraduate Programmes

- B. Tech (Electronics and Communication Engineering)
- B.Tech (VLSI Design and Technology)

### Postgraduate Programmes

- M.Tech Electronics and Communication Engineering
- M.Tech Electronics and Communication Engineering (VLSI)
- M.Tech Electronics and Communication Engineering and VLSI (in Self Finance Scheme)
- Ph.D. Programme (Full time and Part Time)

## 2) List of Laboratories

S.No.	Name of Lab	UG/PG/Ph.D.
1	System Simulation Lab	UG, PG & Ph.D.
2	Circuit Simulation Laboratory	UG & PG
3	Signal Processing Laboratory	UG
4	Optical Communication Laboratory	UG & PG
5	Microwave and Antenna Fabrication/ Measurement Laboratory	UG, PG and Ph.D.
6	Communication Systems Laboratory	UG



7	Microprocessor & Microcontroller Laboratory	UG
8	Electronic Devices and Circuits Laboratory	UG & PG
9	Instrumentation and Measurement Laboratory	UG
10	VLSI Design and Simulation Laboratory	UG, PG & Ph.D.

### 3) Student Placement

UG (Batch 2021-25)

Number of Students Job offers - 35

Number of Students Placed - 35

PG (Batch 2023-25)

Number of Students Job offers - 32

Number of Students Placed - 32

### GATE-2025

S. No.	Student Name (Roll No.)	Rank
1.	Nitin Kumar (221220042) B.Tech ECE 3 <sup>rd</sup> Year	966
2.	Pratyush Panda (2212220047) B.Tech ECE 3 <sup>rd</sup> Year	1421
3.	ANMOL AGARWAL (2212220009) B.Tech ECE 3 <sup>rd</sup> Year	8562
4.	SHIVJI PANDEY (211220050) B.Tech ECE 4 <sup>th</sup> Year	3755
5.	Shubham Gupta (221220057) B.Tech ECE 3 <sup>rd</sup> Year	4271
6.	Ansh Viraj (211220007) B.Tech ECE 4 <sup>th</sup> Year	11320
7.	Rishi Raj (211220044) B.Tech ECE 4 <sup>th</sup> Year	3643
8.	MAUSAM PATHAK (242221014) M.Tech ECE 1 <sup>st</sup> Year	ECE-4134, IN-1368
9.	Saurabh Sharma (232221020) M.Tech (VLSI) 2 <sup>nd</sup> Year	2541
10.	Harkarandeep Singh (211220019) B.Tech ECE 4 <sup>th</sup> Year	ECE-6690, IN-2369
11.	Ujala (232221030) M.Tech ECE 4 <sup>th</sup> Year	9391
12.	Manjot Kaur Channi (211220031) B.Tech. ECE 4 <sup>th</sup> Year	3505



#### 4) Academic Activities of the Department

##### 1. Industrial consultancy projects (ongoing and new) -NA

##### 2. International/National Conferences/ GIAN Courses/STC /FDP Organized

S. No.	Name of the Event	Coordinator(s)	Sponsored by	Dates
1	STC on "AI-Driven Signal Processing & VLSI for Wireless Communication (ASPVWC-2025)"	Dr. Manisha Bharti Dr. Sandeep Kumar	NIT Delhi	April 21-26, 2025
2	Expert Talk on "Variability-Aware Characterization of Memristors for Neuromorphic Applications"	Dr. Sandeep Kumar Dr. Manisha Bharti	NIT Delhi	January 23, 2025
3	Seminar on "Careers Opportunities for Engineering Students into Management"	Dr. Sandeep Kumar Dr. Manisha Bharti	NIT Delhi	March 26, 2025
4	Six days Short Term Course (STC) on topic "Analog ICs and Semiconductor Advancements in VLSI"	Convener(s) - Dr. D. Vaithyanathan Dr. Manish Verma Coordinator(s): Dr. Baljit Kaur Dr. Preeti Vema	Self-Sponsored	February 10-15, 2025
5	Six days SHORT-TERM TRAINING PROGRAM ON "Hands-on Session on Digital Design flow in FPGA and RTL to GDSII"	Convener(s) - Dr. D. Vaithyanathan Dr. Preeti Vema Coordinator(s)- Dr. Baljit Kaur Dr. Manish Verma	Self-Sponsored	September 09-14, 2024
6	Technical Talk on "Role of ASIC Verification in VLSI" by: Mr. SougataBhattacharjee, Senior Staff Engineer, Samsung Semiconductor India Research (SSIR), LinkedIn Top Voice   TEDx Speaker	Coordinator(s)- Dr. D. Vaithyanathan Dr. Baljit Kaur Dr. Preeti Vema Dr. Manish Verma	NIT Delhi	April 07, 2025
7	Application of IoT in the field of Water & Soil Assessment and Processing	Dr. Dharmendra Kumar Jhariya	₹ 1,00,000/- DST- Govt of India (IIT Technology and Innovation Foundation (iHubAWaDH)	2025
8	1 <sup>st</sup> International Conference on Electronics, Communication and Signal Processing (ICECSP 2024)	Chair-Prof. (Dr.) Manoj Kumar, ECE Secretary- Dr. Rikmantra Basu and Dr. Manisha Bharti, Associate Professor, ECE	ECE Department of NIT Delhi IEEE Delhi Section IEEE Photonics Society Delhi Section (Rajasthan Chapter)	August 08-10, 2024
9	24 <sup>th</sup> IEEE International Conference on Numerical Simulation of Optoelectronic Devices (NUSOD 2024)	Local Organizing Chair- Dr. Rikmantra Basu, ECE, NIT Delhi Dr. Kankat Ghosh, EE, IIT Jammu	ECE Department of NIT Delhi EE Department, IIT Jammu IEEE Photonics Society USA NUSOD Institute LLC, USA	September 23-26, 2024



10	Motivational Talk on Life Skills by Ms. Priya Arya, Founder President, Smilofy.	Dr. Manisha Bharti	NIT Delhi	August 20, 2024
11	Leveraging Healthcare: Innovations, Technology and Applications (HealthITA)	Dr. Shelly Sachdeva Dr. D.Vaithyanathan	AICTE sponsored ATAL FDP	December 16-21, 2024
12	12 <sup>th</sup> International Conference on Big Data Analytics in Astronomy, Science and Engineering	Dr. Shelly Sachdeva Dr. D.Vaithyanathan Dr. Baljit Kaur	Self-Sponsored	November 26-28, 2024
13	Workshop-The Future of Nanotechnology in VLSI	Convenor(s) Dr. V S Pandey Dr. Preeti Verma Coordinator(s) Dr. Harish Kumar Dr. D Vaithyanathan	NIT Delhi	November 18-23, 2024
14	IEMECON 2024	Dr.Dharmendra Kumar Jhariya Section Publication chair	UEM, Jaipur	October 24-26, 2024

### 3. Patents Published in the calendar year 2024

S. No.	Title of Invention	Inventors	Department	Patent No.
1	ULTRA SCALED AD-GESN/SI-DL-TFET DEVICE AND A METHOD FOR WORKING THEREOF	Inventor 1 Name - Vibhash Choudhary Inventor 2 Name - Dr. Sachin Agrawal Inventor 3 Name-Prof. (Dr.) Manoj Kumar	ECE	20241103536
2	DESIGN OF A FOUR-PORT MICROSTRIP INSET-FED MIMO ANTENNA FOR UWB APPLICATIONS	Dr Dharmendra Kumar Jhariya and Pankaj Kumar Gautam	ECE	202511003856
3.	Design and development of high performance two port MIMO antenna with high isolation using novel parasitic element for mm wave and 5G mid band Applications (FR3 Band)	Praveen Kumar Chakravarti, V S Pandey, Manisha Bharti, Preeti Verma, Ajay K Sharma	ECE	202411100796
4.	A Device with Matrix Multiplier System Deploys ANU (Add with Number of Unit Present) Technique	Anuraj V Vaidhyanathan	ECE	202411090750
5.	A system with a BLOCKCHAIN enabled authentication and access control framework for early-stage preterm birth detection	Prof. (Dr.)Jyoteesh Malhotra et al.	ECE	556070



#### 4. Patents (Granted) in the year 2024-2025

S. No.	Title of Invention	Inventors	Department	Patent No.
1	A System With A Blockchain-Enabled Authentication And Access Control Framework For Early-Stage Preterm Birth Detection	<ul style="list-style-type: none"> <li>Prof. (Dr.) Jyoteesh Malhotra</li> <li>Dr. Jaideep Kaur Mudhar</li> <li>Dr. Shalli Rani</li> </ul>	ECE	202411033890

#### 5. Honours/ Distinctions and awards obtained by the faculty

S.No.	Name of the Faculty	Honours/Distinctions and Awards
1	Prof. (Dr.) Manoj Kumar	01, Certificate of Appreciation Research and Academic-ECE Dept, National Institute of Technology Delhi
2	Dr. Sandeep Kumar	Awarded as IETE Fellow
3	Dr. Manish Verma	IETE Fellow
4	Dr. Dharmendra Kumar Jhariya	Fellow Member of IETE (The Institution of Electronics & Telecommunication Engineers), 2024 (Year)
5	Dr. Manisha Bharti	Awarded as IETE Fellow Member

#### 6. Other Extension Tasks

S.No.	Name of the Faculty	Honours/Distinctions and Awards
1.	Dr. Manish Verma	<ul style="list-style-type: none"> <li>Delivered expert talk (on 11th July) on Topic "working with solar cell: TOPCon and Perovskite solar materials" in One Week SERB sponsored Karyashala - "Exploring Semiconductor Devices: A Practical Approach to VLSI" from 10 th to 16 th July, 2024</li> <li>Delivered Expert talk on (11th July) topic of "Working with Solar Cell and Nanodevice simulations" in the six days Short Term Course (STC) on topic "Analog ICs and Semiconductor Advancements in VLSI" organized by Dept. of ECE, NIT Delhi from 10th to 15th February 2025 at NIT Delhi.</li> </ul>

#### 7.5) Department of Electrical Engineering

##### Departmental Summary (1st April 2024-31st March 2025)

Number of Journal publications (International)	20	Number of PhD completed	02
Number of Journal publications (National)	00	Number of new PhD students enrolled	05
Number of International Conferences attended	24	Number of New PG students completed	32
Number of National Conferences attended	00	Number of New PG students enrolled	17
Number of STC/ Workshop/ courses attended	00	Number of faculty members enrolled for higher qualifications	00
Number of STC/ Workshops conducted	02	Number of faculty members upgraded qualifications	00
Number of conferences conducted	02	Number of Patents granted	19



Number of expert talks delivered by faculty	02	Number of copyrights granted	00
Number of expert talks organized	01	Any other important information	-

### 1) Faculty

#### Head of Department - Dr. Tirupatiraju Kanumuri

S.No.	Name	Position	Qualifications	Major Areas of Specialization	Dissertation Status Ph.D./ MTech/B.Tech	
					In-process	Completed
1.	Prof. (Dr.) Ujjwal Kumar Kalla	Professor	Ph.D.	Power Electronics and Electric Drives	02/04/12	02/04/12
2.	Prof. (Dr.) Obbu Chandra Sekhar	Professor	Ph.D.	Power Electronics and Drives Control of Special Electrical Machines	02/02/02	00/02/04
3.	Dr. Anmol Ratna Saxena	Associate Professor	Ph.D.	Power Electronics	03/00/00	03/00/00
4.	Dr. Pankaj Mukhija	Associate Professor	Ph.D.	Control Systems	02/00/01	00/02/02
5.	Dr.Tirupathiraju Kanumuri	Associate Professor	Ph.D.	Pattern recognition, Biometrics, Medical image processing, Renewable Energy	03/04/00	00/02/00
6.	Dr. Amit Kumar Singh	Assistant Professor	Ph.D.	Power System Restructuring / Deregulation, Distributed Generation, Electric Vehicle, Renewable Energy, Security Analysis.	03/02/00	00/06/06
7.	Dr. Sachin Singh	Assistant Professor	Ph.D.	Signal Processing	01/00/11	00/04/02
8.	Dr. Manoj Kumawat	Assistant Professor	Ph.D.	Distributed Energy Resources and Smart Grid, Power Quality Issue of Distribution System, Smart Distribution System Modeling and Simulation, Distributed Resources Optimization, Energy Management Systems.	02/04/00	00/02/02
9.	Dr. Devasuth Govind	Assistant Professor	Ph.D.	Power Electronic Converters and Their Applications in Renewable Energy System, AC/DC microgrids. And Power Quality	00/00/00	00/00/00



## 2) Academic Programmes

### Undergraduate Programmes

- B. Tech (Electrical Engineering),

### Postgraduate Programmes

- M. Tech (Power & Energy Systems)
- M. Tech (Power Electronics and Drives)
- Ph.D. Programme (Full time and Part Time)

## 3) List of Laboratories

### Under Graduate Laboratories

- Basic Electrical Engineering
- Electrical Workshop
- Electrical Machines
- Power Electronics
- Electrical Drives
- Electrical Measurement
- Control System
- Power Systems
- Microprocessor and Microcontroller Lab
- Electrical Simulation Lab
- Analog and Digital Electronics Lab

### Post Graduate Laboratories

- Electrical Drives Lab
- Electrical Simulation Lab
- Electrical Machines Lab

### Research Laboratories

- Power Electronics Advanced Research Lab

## 4) Student Placement

### UG (Batch 2021-25)

Number of Students Job Offers	-	60
Number of Students Placed	-	47

### PG (Batch 2023-25)

Number of Students Job Offers	-	32
Number of Students Placed	-	20



## GATE-2025

S. No.	Student Name	Rank
1	Pallav Purbia	832
2	Tilak Rajput	2928
3	Ravi Ranjan Yadav	4040
4	Priyanshu Gunwant	6800

## 5) Academic Activities of The Department

### 1. Sponsored R & D Projects

S. No.	Title of Project	Funding Agency	Financial Outlay	Year of start & total period	Name of P.I and other Investigators	Status - started or completed or in progress
1.	Design and Development of Switched Reluctance Motor Drive For Plug-In Hybrid Electric Vehicles With Voltage Boosting & On-Board Charging Capabilities	SERB-CRG	55,69,905/-	05-04-2021 To 04-10-2024	Prof. (Dr. Obbu Chandra Sekhar	Completed

### 2. Industrial consultancy projects (ongoing and new)

-01

**Project Title**-Rishikesh Karanprayag Rail Line

**Status** -Ongoing

### 3. International/National Conferences/GIAN Courses/STC /FDP Organized

S. No.	Name of the Event	Coordinator(s)	Sponsored by	Dates
1	SeFet International conference 2023	Prof. (Dr.) Ujjwal Kumar Kalla	IEEE	31 <sup>st</sup> July 2024-03 <sup>rd</sup> Aug. 2024
2	10 <sup>th</sup> IEEE Power India International Conference 2024	Dr. Manoj Kumawat	IEEE	10 <sup>th</sup> -12 <sup>th</sup> December 2024

### 4. Patents Published in the calendar year 2024-07

S. No.	Title of Invention	Inventors	Department	Patent No.
1	A Controller and Method for Efficient Power Generation and Utilization in Hybrid Vehicles'	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	202121021491
2	A Multi-Configurational Integrated DC-DC Converter For Hybrid UAVS	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	202511080280
3	Automated Gas Cylinder Monitoring System With Inclination Based RealTime Alerts	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	202411098407



4	High Voltage Electrocutation Prevention System	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	202411084390
5	Optimal Control of Sensorless Solar PV FED BLDC Motor Drive Using PR Controller And EMF Observer	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	202511022797
6	A System And Method of Cylinder Gas Measurement And Management System Thereof	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	202511021472
7	A Driver in Vigilance Early Response System and A Method Thereof	Dr. Manoj Kumawat, Samarjit Karar, Suyash Agarwal, Shubham Bansal, Arjun Singh, Abnish Arya, and Dr. Tirupathiraju Kanumuri	Electrical Engineering	202411010815

#### 5. Patents (Granted) in the year 2024-2025-19

S. No.	Title of Invention	Inventors	Department	Patent No.
1	A System and Method for Testing and Detection of Saturation Current in An Inductor	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	399382
2	A System and Method for Non Destructive Testing and Detection of High Voltage Flashovers Using System Power Quality Parameters	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	368144
3	An Analog Controller for Controlled Frequency Operation in Two Winding Single Phase Self Excited Induction Generator for Micro Hydel Applications, A Self Excited Induction Generator and A System Thereof	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	397318
4	Self Excited Induction Generator Integrated With Robust Automatic Electronic Voltage Regulator	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	352199
5	A Digital Voltage Controller System, For Improved Power Generation, In Combination With A Single Phase Self-Excited Induction Generator	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	406405
6	'A Synchronized AC Chopper Based Controller And A Method For Frequency And Voltage Regulation of Three phase Self Excited Induction Generator'	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	499068
7	A System And Method For Vehicle Air Conditioner	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	560785
8	A System And A Method For Solar PV Mill	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	563398
9	A System And Method For Low-Cost High Power Quality Electric Oven	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	564238
10	A System And Method For Improved Powertrain of Electric Vehicles	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	566706



11	A Unified Single Port Electric Vehicle Battery Charger System And A Method Thereof	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	554538
12	A Brushless DC Motor Drive And Method For Position-Sensor Less Commutation Thereof	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	566731
13	Charging System For Light Electric Vehicle And Method Thereof	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	561565
14	Dual Energy Sources Based Cuk Derived Bidirectional DC-DC Converter For Electric Vehicles	Prof. (Dr.) Ujjwal Kumar Kalla	Electrical Engineering	563403
15	Method For Mitigation Of Partial Shading Effects Through Shade Dispersion Using GALLIMAUFREY Reconfiguration	Mr. Venkata Madhava Ram Tatabhatela, Dr. Anshul Agarwal, Dr. Tirupathiraju Kanumuri	Electrical Engineering	561089
16	A System And Method For Low-Cost High Power Quality Electric Oven	Prof. (Dr.) Ujjwal Kumar Kalla, Nikhil Bhati, Praveen Kumar, Kuldeep Singh Rathore, Manoj Kumawat, And Ajay Kumar Sharma	Electrical Engineering	564238
17	System and Method to Improve the Performance of a Multipoint Clamped Inverter Fed Induction Motor Drive	Prof. (Dr.) Obbu Chandra Sekhar, Dr A H Bhat	Electrical Engineering	202111060761 Granted
18	A System and Method For Regulating Inverter Fed Induction Motor Drive Using FOPI Controller With DTC Strategy	Prof. (Dr.) Obbu Chandra Sekhar, Dr H H Bhat	Electrical Engineering	202141017219 Granted
19	A Flux Reversal Machine and Method for reducing Cogging Torque	Prof. (Dr.) Obbu Chandra Sekhar, Dr.Tirupathiraju Kanumuri, Prof Ajay K Sharma	Electrical Engineering	202411010631 Granted

#### 6. Honours/ Distinctions and awards obtained by the faculty-01

- Prof. (Dr.) Ujjwal Kumar Kalla awarded as Uttar Pradesh Govt. National award 2023.

#### 7. Other Extension Tasks-00

#### 7.6) Department of Mechanical and Aerospace Engineering

##### Departmental Summary (1st April 2024-31st March 2025)

Number of Journal publications (International)	18	Number of PhD completed	NIL
Number of Journal publications (National)	03	Number of new PhD students enrolled	08
Number of International Conferences attended	10	Number of New PG students completed	11
Number of National Conferences attended	NIL	Number of New PG students enrolled	10
Number of STC/ Workshop/ courses attended	NIL	Number of faculty members enrolled for higher qualifications	NIL
Number of STC/ Workshops conducted	NIL	Number of faculty members upgraded qualifications	NIL
Number of conferences conducted	NIL	Number of Patents granted	01



Number of expert talks delivered by faculty	NIL	Number of copyrights granted	NIL
Number of expert talks organized	NIL	Any other important information	NIL

## 1) Faculty

### Head of Department - Dr. Abhishek Mishra

S.No.	Name	Position	Qualifications	Major Areas of Specialization	Dissertation Status Ph.D./M.Tech/B.Tech	
					In-process	Completed
1.	Dr. Harish Kumar	Associate Professor	Ph.D.	Numerical Modeling and Simulation	08/05/09	00/04/00
2.	Dr. Abhishek Mishra	Associate Professor	Ph.D.	Numerical Modelling and Simulation, Mechanics of Materials, Rupture of Ductile Materials	00/02/07	00/02/00
3.	Dr. Ashok Kumar Dewangan	Assistant Professor	Ph.D.	Boiling Heat Transfer, Refrigeration, Fluid Flow	10/06/10	00/05/00
4.	Dr. Leeladhar Nagdeve	Assistant Professor	Ph.D.	Advanced Machining Processes, Advanced Nano-Finishing Processes, Additive Manufacturing, Composite Materials	07/06/10	01/04/00
5.	Dr. Shailesh M. Pandey	Assistant Professor	Ph.D.	Tribology	00/00/00	00/00/00
6.	Dr.Sourabh Kumar	Assistant Professor	Ph.D.	Thermal Engineering, Turbulence, ML/AI	00/00/00	00/00/00
7.	Dr. Shubham Katiyar	Assistant Professor	Ph.D.	Flow over Aerofoil, Transitional Flows, Biomimetic, High-Fidelity Simulations	00/00/00	00/00/00

## 2) Academic Programmes

### Undergraduate Programmes

- B. Tech (Mechanical Engineering)
- B. Tech (Aerospace Engineering)

### Postgraduate Programmes

- M. Tech (CAD/CAM)
- Ph.D. Programme (Full time and Part Time)



### 3) List of Laboratories

S. No.	Lab Name	UG Labs	PG/PhD Lab
1	Engineering Visualization Lab	Under Graduate	-
2	CAD Lab	Under Graduate	-
3	Central workshop	Under Graduate	-
4	Kinematics & dynamics of Machine Lab	Under Graduate	-
5	IGNITE Lab	Under Graduate	Post Graduate /PhD
6	Manufacturing Science Lab	Under Graduate	Post Graduate /PhD
7	Additive Manufacturing Technology Centre	Under Graduate	Post Graduate /PhD
8	Metrology Lab	Under Graduate	Post Graduate /PhD
9	Material Testing Lab	Under Graduate	Post Graduate /PhD
10	Engineering Material Lab	Under Graduate	Post Graduate /PhD
11	CAM Lab	Under Graduate	Post Graduate /PhD

### 4) Student Placement

#### UG (Batch 2021-25)

Number of Students Job Offers - NA

Number of Students Placed - NA

#### PG (Batch 2023-25)

Number of Students Job Offers - 03

Number of Students Placed - 03

### GATE 2025-02

### 5) Academic Activities of The Department

1. Industrial consultancy projects (ongoing and new) - NIL

2. International/National Conferences/GIAN Courses/STC /FDP Organized - NIL

### 3. Patents Published in the calendar year 2024 -02

S. No.	Title of Invention	Inventors	Department	Patent No.
1.	Metal 3-D Printed Electrode for Multi-axial Near-dry Electric Discharge Machining to erode Material from a Workpiece	Ankush Katheria, Leeladhar Nagdeve, Harish Kumar, Krishnakant Dhakar	Mechanical & Aerospace Engineering	405589-001
2.	Jaw implant with enhanced biocompatibility	Raj Aryan, Humera Firoz Khan, Hargovind Soni, Kumar Shashvat, Sonia	Mechanical & Aerospace Engineering	416726-001



#### 4. Patents (Granted) in the year 2024-2025-01

S. No.	Title of Invention	Inventors	Department	Patent No.
1.	Development of Novel Al 7075-T6/SiC/Crumb Rubber/MoS <sub>2</sub> based Green Hybrid Metal Matrix Composite	Nikhilesh Singh, Deepika	Mechanical & Aerospace Engineering	559387: Granted on 31/01/2025

#### 5. Honours/ Distinctions and awards obtained by the faculty - NIL

6. Other Extension Tasks - NIL

7. Sponsored R & D Projects - NIL

#### 6) Books

S. No.	Authors	Titel of book	Year	Type of book	ISBN	Publisher
1	V. K R, V. M. Kodekal, Pruthvi.H. M, H. Soni	Text book of thermodynamics	2025	Text Book	978-98-986197-8-2	REST Publisher

#### 7) Book Chapters

S. No.	Authors	Titel of chapters	Year	Published in the title of Book/ISBN
1	R. Shimpi, C. Wani, R. Chaudhari, S. Joharapurkar, H. Soni, A. Kumar	Experimental investigation of process parameters effects on extrusion blow molding process using response surface methodology for industry 4.0	2024	Published in springer publication title of Book Industry 4.0 Driven Manufacturing Technologies <a href="https://doi.org/10.1007/978-3-031-68271-1_3">https://doi.org/10.1007/978-3-031-68271-1_3</a> Online ISBN 978-3-031-68271-1



## ANNEXURES

### 8.1 Institute's Council

#### The Council

1) With effect from such date as the Central Government may, by notification, specify in this behalf, there shall be established for all the Institutes specified in column (3) of the First Schedule, a central body to be called the Council.

#### 2) The Council shall consist of the following members, namely

- The minister in charge of the Ministry or Department of the Central government having administrative control of the technical education, ex officio, as Chairman.
- The Secretary to the Government of India in charge of the Ministry or Department of the Central government having administrative control of the technical education, ex officio, as Vice-Chairman.
- The Chairperson of every Board, ex officio.
- The Director of every Institute, ex officio.
- The Chairman, University Grants Commission, ex officio.
- The Director General, Council of Scientific and Industrial Research, ex officio.
- Four Secretaries to the Government of India to represent the Ministries or Departments of the Central Government dealing with biotechnology, atomic energy, information technology and space, ex officio.
- The Chairman All India Council for Technical Education, ex officio.
- Not less than three, but not more than five persons to be nominated by the Visitor, at least one of whom shall be a woman, having special knowledge or practical experience in respect of education, industry, science or technology.
- Three members of Parliament, of whom two shall be chosen by the House of the People and one by the Council of States.
- Two Secretaries to the State Government from amongst the Ministries or Departments of that Government dealing with technical education where the Institutes are located, ex officio.
- Financial Advisor, dealing with the Human Resource Development Ministry or Department of the Central Government, ex officio.
- One officer not below the rank of Joint Secretary to the Government of India in the Ministry or Department of Central Government having administrative control of the Technical Education, ex officio, as Member Secretary.



### 8.2) Board of Governors

S. No.	To whom Represented	Name of the Hon'ble Member
1.	The Chairperson to be nominated by the Visitor	<b>Shri C.K. Birla</b> Chairman, C.K. Birla Group, New Delhi.
2.	Director: Ex-officio Member	<b>Prof. (Dr.) Ajay Kumar Sharma</b> Director, NIT Delhi
3.	Member	<b>Ms. Saumya Gupta</b> IAS (TR-2004) Joint Secretary (NITs), MoE, Department of Higher Education
4.	Member	<b>Sh. Sanjog Kapoor</b> JS & FA, Ministry of Education Department of Higher Education
5.	Member	<b>Prof. (Dr.) T.R Sreekrishnan</b> Department of Biochemical Engineering and Biotechnology, IIT Delhi
6.	Member	<b>Prof. (Dr.) Geeta Sikka</b> Dean (Academic)
7.	Member	<b>Dr. V. S. Pandey</b> Dean (Student Welfare)
8.	Secretary	<b>Prof. (Dr.) Hitesh Sharma</b> Registrar, NIT Delhi

### 8.3) Finance Committee

S. No.	To whom Represented	Name of the Hon'ble Member
1.	The Chairperson, Board of Governors, Ex-officio Chairman of the Finance Committee	Shri C.K. Birla Chairman, C.K. Birla Group, New Delhi
2.	Director, Ex-officio member	Prof. (Dr.) Ajay Kumar Sharma Director, NIT Delhi
3.	Member	Dr. Garima Sharma Deputy Secretary Department of Higher Education, Ministry of Education
4.	Member	Sh. Harihara Sundaram. S Under Secretary (IFD) Department of Higher Education, Ministry of Education
5.	Member	Prof. (Dr.) Geeta Sikka Professor, Department of Computer Science & Engineering
6.	Member	Dr. Vinay Shankar Pandey Associate professor, Department of Applied Science (Physics)
7.	Ex-officio Member Secretary	Prof. (Dr.) Jyoteesh Malhotra Registrar (I/C), NIT Delhi



### 8.4 ) Senate

S. No.	To whom Represented	Name of the Hon'ble Member
1.	Ex-officio, Chairman of the Senate	Prof. (Dr.) Ajay Kumar Sharma Director, NIT Delhi.
2.	Member	Prof. (Dr.) Akshay Dvivedi IIT Roorkee
3.	Member	Prof. (Dr.) Suresh Jain (Virtual Mode) IIT Delhi
4.	Member	Prof. (Dr.) Surekha Dangwal (Virtual Mode) VC, Doon University
5.	Member	Prof. (Dr.) Vinod Kumar Garg Central University of Punjab
6.	Member	Prof. (Dr.) Geeta Sikka Dean Academic, NIT Delhi
7.	Member	Prof. (Dr.) Jyoteesh Malhotra Dean Research and Consultancy, NIT Delhi
8.	Member	Prof. (Dr.) Manoj Kumar Dean Faculty Welfare, NIT Delhi
9.	Member	Prof. (Dr.) Obbu Chandra Sekhar Dean Planning and Development, NIT Delhi
10.	Member	Prof. (Dr.) Ujjwal Kumar Kalla Dean, Startup & IPR, NIT Delhi
11.	Member	Dr. V. S. Pandey Dean Student Welfare, NIT Delhi
12.	Member	Dr. Amit Mahajan HoD CSE & Assoc. Dean Academic, NIT Delhi
13.	Member	Dr. Rikmantra Basu HoD ECE, NIT Delhi
14.	Member	Dr. Abhishek Mishra HoD M&AE, NIT Delhi
15.	Member	Dr. Kapil Kumar HoD CE, NIT Delhi
16.	Member	Dr. Pankaj Mukhija HoD EE, NIT Delhi
17.	Special Invitee	Dr. Gyanendra Sheoran HoD AS Hum. & Mgt., NIT Delhi



18.	Special Invitee	Dr. Prashant Kumar COE, NIT Delhi
19.	Special Invitee	Dr. Anurag Singh Head Computer Centre, NIT Delhi
20.	Secretary	Prof. (Dr.) Hitesh Sharma Registrar, NIT Delhi.

### 8.5 Building & Works Committee

S. No.	To whom Represented	Name of the Hon'ble Member
1.	The Director, Ex-officio Chairman of the Committee	Prof. (Dr.) Ajay Kumar Sharma Director, NIT Delhi.
2.	Member	Sh. Sanjog Kapoor J.S & F.A, MoE, Gol
3.	Member	Ms. Garima Sharma Deputy Secretary (NIT-II), MoE, Gol
4.	Member	Dr.Nirender Dev Professor, DTU
5.	Member	Er. Vivek Gupta S.E. (Electrical), CPWD
6.	Member	Er. Rajesh Kumar S.E. (Civil), CPWD
7.	Member	Prof. (Dr.) Obbu Chandra Sekhar Dean (P & D), NIT Delhi
8.	Ex-Officio Member Secretary	Prof. (Dr.) Hitesh Sharma Registrar, NIT Delhi.

### 8.6) Contractual Faculty details for the Academic Year (2024-2025)

S. No.	Name of the Faculty	Department
1.	Dr. Dimpy Chauhan	Applied Science
2.	Dr. Deepti Singh	Applied Science
3.	Dr. Vivek Kumar	Applied Science
4.	Dr. Surabhi Nishad	Appointed in Applied Science, however worked in CSE
5.	Dr. Shivani Duggal	Applied Sciences (English)
6.	Ms. Sangyogita Singh	Applied Sciences (English)
7.	Dr. Deepak Singh	Civil Engineering
8.	Dr. Arjun Singh Rawat	Computer Science and Engineering
9.	Dr. Priten B Savaliya	Computer Science and Engineering



10.	Dr. Abhay Kumar Yadav	Computer Science and Engineering
11.	Dr. Vishal Gupta	Computer Science and Engineering
12.	Dr. Preeti Mehta	Computer Science and Engineering
13.	Mr. Naveen Kumar	Electrical Engineering
14.	Dr. Hargovind Soni	Mechanical and Aerospace Engineering
15.	Dr. Abhishek Pandey	Mechanical and Aerospace Engineering
16.	Dr. Chitragupt Swaroop Chitransh	Mechanical and Aerospace Engineering
17.	Dr. Surendra Verma	Mechanical and Aerospace Engineering
18.	Dr. Nikhilesh Singh	Mechanical and Aerospace Engineering

### 8.6) Staff Details

#### List of Non-Teaching Administrative Staff

S. No.	Name	Designation	Department
1.	Dr. Hitesh Sharma	Registrar	Office Of Registrar
2.	Dr. Manisha Singh	Deputy Registrar	Office Of Registrar
3.	Dr. Gareema Sharma	Deputy Librarian	Central Library
4.	Mr. Ravinder Kumar	Deputy Registrar	Store And Purchase
5.	Dr. Anidev Singh	SAS Officer	Sports Section
6.	Dr. Karan Malhotra	Medical Officer	Health Centre
7.	Ms. Dimple Gupta	Assistant Registrar	Accounts And Finance
8.	Mr. Ankit Sharma	Executive Engineer	Dean (P&D)
9.	Mr. Rahul	Personal Assistant	Dean (Academics)
10.	Ms. Pragya Yadav	Superintendent	Dean (Academics)
11.	Mr. Gaurav	Superintendent	Dean (R&C)
12.	Mr. Jai Thukral	Superintendent	Accounts And Finance
13.	Mr. Puneet	Superintendent	Store and Purchase
14.	Mr. Shubham Sharma	Superintendent	Establishment
15.	Mr. Ankit Kumar	SAS Assistant	Sports Section
16.	Mr. Jitender Singh Bisht	Senior Assistant	Dean (Academics)
17.	Ms. Aditi Kandari	Senior Assistant	Electronics Deptt
18.	Ms. Anupriya Das	Senior Assistant	Office of Director
19.	Mr. Pranjal Gaur	Senior Assistant	Establishment
20.	Mr. Vishal Verma	Senior Assistant	Office of Registrar
21.	Ms. Navisha Sharma	Junior Assistant	Estate Office
22.	Mr. Parvesh Kumar Ranga	Junior Assistant	Store And Purchase
23.	Mr. Akash Bhardwaj	Junior Assistant	Accounts And Finance



24.	Mr. Yash Sharma	Junior Assistant	Dean (R&C)
25.	Mr. Lov Kumar Dubey	Senior Office Attendant	Office Of Registrar
26.	Mr. Bharat Singh	Senior Office Attendant	Accounts & Finance
27.	Ms. Tripti	Office Attendant	T&P Office
28.	Mr. Sachin Tiwari	Office Attendant	Office of Director
29.	Mr. Prabhat Mishra	Office Attendant	T&P Office
30.	Mr Rajab Rehman	Office Attendant	Applied Science
31.	Mr. Udit Sharma	Office Attendant	Dean (IPR & Startup)
32.	Mr. Suraj	Office Attendant	Dean (R&C)

### List of Non-Teaching Technical Staff

S. No.	Name	Designation	Department
1.	Mr. Sumit Sharma	Senior Technical Assistant	Computer Centre
2.	Mr. Surender Kumar	Senior Technical Assistant	Electronics Deptt
3.	Mr. Sajal Gupta	Junior Engineer (Civil)	Dean (P&D)
4.	Mr. Hemant Sharma	Junior Engineer (Electrical)	Dean (P&D)
5.	Mr. Naman Sharma	Technical Assistant	Dean (P&D)
6.	Mr. R.V. Bhaskaran	Technical Assistant	Electrical Engg. Deptt.
7.	Mr. Manish Kumar Malik	Technical Assistant	Computer Science Engg.
8.	Mr. Sanjeev Kumar	Technical Assistant	Computer Science Engg.
9.	Mr. Somesh Kumar	Technical Assistant	Computer Science Engg.
10.	Mr. Puneet Joshi	Technical Assistant	Computer Centre
11.	Ms. Suman Sharma	Technical Assistant	Computer Centre
12.	Mr. Kundan Kumar	Technical Assistant	Electronics Deptt
13.	Mr. Shivam Jaiswal	Technical Assistant	Electronics Deptt
14.	Mr. Hemant Kumar	Technical Assistant	Electronics Deptt
15.	Mr. Ranjeet Kumar Verma	Technical Assistant	Electrical Engg. Deptt.
16.	Mr. Alok Jha	Technical Assistant	Electrical Engg. Deptt.
17.	Mr. Devendra Meena	Technical Assistant	Civil Engg Deptt
18.	Mr. Biplap Paul	Technical Assistant	Mechanical Engg. Deptt
19.	Mr. Praveen Kumar Bhati	Technical Assistant	Mechanical Engg. Deptt
20.	Ms. Angana Biswas	Library & Information Assistant	Central Library
21.	Mr. Krishan Pal	Senior Technician	Mechanical Engg. Deptt
22.	Mr. Manddeep	Senior Technician	Mechanical Engg. Deptt
23.	Mr. Raushan Kumar	Senior Technician	Computer Centre
24.	Mr. Vikas Bhardwaj	Senior Technician	Computer Science Engg.



25.	Mr. Pradeep Kumar	Senior Technician	Computer Science Engg.
26.	Mr. Jitendra Chaudhari	Senior Technician	Dean (P&D)
27.	Mr. Sonu	Senior Technician	Electronics Deptt
28.	Mr. Rahul Kumar	Senior Technician	Civil Engg Deptt
29.	Ms. Shalini Singh	Senior Technician	Applied Science
30.	Mr. Aadesh Kumar	Senior Technician	Applied Science
31.	Mr. Shubham Bhardwaj	Senior Technician	Applied Science
32.	Mr. Rahul Sharma	Senior Technician	Electrical Engg. Deptt.
33.	Mr. Rubal	Technician	Civil Engg Deptt
34.	Mr. Amit Kumar Tiwari	Technician	Electronics Deptt
35.	Mr. Ankur Singh	Technician	Computer Science Engg.
36.	Mr. Jatin	Lab Attendant	Store & Purchase
37.	Ms. Chanchal	Lab Attendant	Electrical Engg. Deptt.



**Part - II**  
**Audit Report**  
**For The**  
**Financial Year**  
**(2024 - 2025)**





AMG-11/SARNIT/9-42/2025-26/808

**Director General of Audit  
(Central Expenditure)  
Indian Audit and Accounts Department**

**Saurabh Kumar Jaipuria, IA&AS  
Addl. Dy. C&AG**

**Date: 26.11.25**

**Management Letter**

Dear Dr. Sharma,

The accounts of the National Institute of Technology, Delhi, for the year 2024-25 have been audited, and a separate audit report has been issued vide my office letter No. AMG-III/SAR/NIT/9-42/2025-26/806, dated 26.11.25. During the audit, certain irregularities and deficiencies were noticed that were not included in the separate audit report. These deficiencies are listed in the attached Annexure.

I therefore draw your attention to this matter and request that appropriate action be taken to address these irregularities and deficiencies.

Sincerely,

**Yours sincerely,**

Dr. Ajay K. Sharma  
Director, National Institute of Technology Delhi,  
Sector A-7 Institutional Area,  
Narela, Delhi 110040



### Annexure to Management Letter

#### 1. Current Liabilities & Provision (Schedule 3) – ₹107.59 crore

(i) The statutory liability of Labour Cess amounting to Rs.2.2 lakh (Rs.0.47 Lakh - outstanding for more than a year and Rs 1.73 Lakh outstanding for more than 6 months) was pending as on 31.03.2025. The same should be settled/paid.

(ii) The above does not include Provisions amounting to Rs 19.71 lakh against Security Expense (Rs.16.40 lakh), Professional Charges for Internal Audit Fee (Rs 0.89 lakh) and Bus hiring charges (Rs 2.42 lakh). This resulted in understatement of Liabilities and overstatement of Capital Fund by Rs 19.71 lakh.

#### 2. Sponsored Projects/Programmes (Schedule-3A)-Rs.1.04 crore

(i) The above includes Rs 1.05 Crores on account of sponsored projects and Rs (-) 1.15 Lakh on account of Sponsored Programs. The figures have been arrived after netting the receivables and payables balances which was in contravention to MOE format/norms of accounts. This has resulted in understatement of current liability& provisions (Schedule -03) and Loan, advances & deposits (Schedule -08) by Rs 7.61 Lakh.

(ii) There were no receipts & expenditures in the below mentioned Sponsored Project and Programs during last three years i.e. during FY 2022-23 to 2024-25:

Name of the Project	Opening Balance (Rs. In Lakh)	Receipts/Expe nditure	Closing Balance (Rs. In Lakh)
DST Project Inspire Faculty (Dr. Suman Srivastava)	1.26	-	1.26
CSIR- Amit Mahajan	(-)0.47	-	(-)0.47
CSIR (Ms Vinita)	0.27	-	0.27

The continuity of above mentioned projects and programs should be reviewed.

#### 3. Fixed Assets (Schedule 4)-₹470.68 crore

(i) Addition during the year under Building, External Development and WIP is shown as Rs.103.52 crore (Rs.0.93 cr. + Rs.0.024cr. + Rs.102.57 cr.). However, as per replies furnished by NIT, the utilization of capital fund/grant during FY 2024-25 was Rs.146.87 crore. This needs reconciliation.

As per Expenditure Statement of M/S. TCIL, the total utilized amount till March 2025 was Rs.280.44 crore (Rs.246.10 crore + Rs.34.34 crore). However, as per reply furnished by NIT amount utilized by agency till March 2025 was Rs.286.55 crore (Rs.251.44 crore + Rs.35.11 crore). This needs reconciliation.

(ii) The above includes addition during the year under Building of Rs.0.93 crore without Completion Certificate which are not yet granted by the Authority. This resulted in overstatement of Building and understatement of WIP by Rs.0.93 crore.

(iii) As per MOE format, leasehold land is to be depicted under Schedule 4 (Fixed assets). The land of the institute is under leasehold basis but the same has not been depicted under the schedule of fixed assets.

(iv) As per notes to the Annual Accounts, depreciation has been charged on SLM basis. However, depreciation has been charged on WDV method under schedule 4 of fixed assets which in contravention of MoE guidelines.

(v) Depiction of Schedule 4 (Fixed Assets) is not as per the norms prescribed in MOE format as net block of fully depreciated assets (Computer Peripherals) was shown at zero value instead of Residual value of Rs. 1 in the Balance Sheet.



(vi) Expenses amounting to Rs.5.36 lakh against procurement & installation charges of RO system was not capitalized under office equipment but booked against repair and maintenance. This resulted in understatement of Fixed Assets and overstatement of Repair & Maintenance by Rs.5.36 lakh.

**4. Current Assets (Schedule-7)-Rs. 129.47 crore**

The above includes 24 nos. of Savings Bank Accounts, out of which 05 nos. of the Bank accounts were inoperative/dormant as on 31.03.2025. Details of the same are as below:

Sl. No.	Bank	Account No.
1.	Bank of Baroda	16537
2.	Canara Bank	10108
3.	Canara Bank	09610
4.	Canara Bank	06538
5.	State Bank of India	54566

These accounts were unnecessarily being maintained by NIT. Required action may be taken.

**5. Loans, Advances and Deposits (Schedule 8)-Rs.171.90 crore**

(i) The above includes advances recoverable from M/s. TCIL of Rs.167.59 crore. However, as per replies furnished by NIT, unutilized advances are Rs.51.22 crore. This needs reconciliation.

(ii) The above includes payment of electricity bill of NIT Campus at Bakoli for the period from 13.05.2022 to 31.05.2022 of Rs.17.62 lakh instead of booking the same under Expenditure. This has resulted in overstatement of Loans, Advances & Deposits and understatement of Prior period Expenses by Rs.17.62 lakh. This was also pointed out in previous year report but no action has been taken.

(iii) The above includes an amount of Rs.1.55 crore has been shown as recoverable from NBCC. The work has been completed in April 2023 and put to use. However, Rs. 1.55 crore was shown as recoverable from NBCC. As the work has been done, amount should be adjusted/recovered from NBCC.

**6. Prior Period Income (Schedule-14) Rs.0.03 crore**

The above does not include income against electricity charges adjustments of Rs.0.74 lakh belonging to month March 2024 thus resulting in understatement of Prior Period income and overstatement of other income by Rs.0.74 lakh.

**7. Prior Period Expenditure (Schedule-22) Rs.0.01 crore**

The above does not includes previous year expenses of Rs.14.40 lakh against electricity Expenses of Rs.14.13 lakhs and water charges of Rs 0.27 lakh paid during the current year. This resulted in understatement of Prior Period expense and overstatement of administrative and general expenses by Rs.14.40 lakh.

**8. General**

I The leave encashment and gratuity expense pertaining to the FY 2024-25 were not shown in Schedule 15 which was in contravention to the MoE guidelines.

II MOE format stipulates disclosure of contingent liabilities which was not done by the Institute. As on March 2025, four court cases were ongoing against the Institute. This includes litigation with M/S. GVB Geomatics Pvt. Ltd. involving monetary implication of Rs.25.88



lakh. Moreover, TDS Payable amounting to Rs. 10.40 lakh was outstanding as on March 2025. The same should be disclosed under contingent Liability.

III Out of total 102 nos. of permanent employees of the Institute, actuary valuation relating to leave encashment and gratuity for only 99 nos. of employees was being carried out.

IV As per Rule 237 of GFR 2017, approved annual accounts should be presented to audit till 30.06.2025. However, the approved annual accounts of 2024-25 were sent to audit on 06.08.2025. This was pointed out in the previous report but same issue persists.

V The above includes Rs 5.62 Crores on account of liabilities pertaining to more than 3 years. These should be reviewed and settled at the earliest.

VI The bifurcation of Assets purchased viz. Gifted Assets and books, assets purchased from Grant etc. not given in Notes to Annual Accounts.

VII As per MOE guidelines, annexure should be made for any savings bank account opened for specific fund under Schdule-7. However, no such annexure have been made in the accounts.

VII Advances given to staff of Rs.0.67 Lakh was pending as on 31.03.2025. The same may be recovered/settled.

IX Bank Charges of Rs 0.16 lakh should be part of Administrative and general Exp. instead of Finance cost as per MHRD guidelines/norms.

X Suspense receipts of Rs.19.10 lakh has been shown in the Suspense Ledger. The same may be identified under relevant account head and accounted properly.

XI The nomenclature of the Schdule-9 of the annual accounts is Fee from Students instead of Academic Receipts which is in contravention of MoE prescription.

XII The depiction of Schdule-1, Capital/Corpus Fund was not as per MoE prescribed format as Depreciation of Rs.11.00 crore was unnecessarily subtracted and then added back.

XIII As per MoE guidelines, advances received from Sundry Debtors should be grouped under Advances Received. However, the same was shown under Sundry Creditors Others under Schdule-3 of the Annual Accounts.

XIV TDS receivable includes Rs 0.61 Lakh related to FY 2019-20. The necessary action should be taken to recover the outstanding amount.



Office of the Director General of Audit  
(Central Expenditure)  
Indian Audit and Accounts Department

Date: 26.11.2025

AMG-III/SAR/NIT/9-42/2025-26/-

To,

Secretary, Government of India,  
Department of Higher Education,  
Ministry of Education,  
Shastri Bhawan, New Delhi-110001

Subject: Separate Audit Report on the Accounts of the National Institute of Technology, Delhi for the year 2024-25.

Madam/Sir,

I enclose a copy of the certified Annual Accounts of the National Institute of Technology, Delhi for the year 2024-25, along with a copy of its Report and Audit Certificate, for laying on the Table of Parliament.

Two copies of the document presented to Parliament may be sent to this office and to the Office of the Comptroller and Auditor General of India, indicating the date on which it was presented to Parliament.

Please ensure that the annual accounts are approved by the Governing Body before the Separate Audit Report is presented to both Houses of Parliament, and also ensure that the Audit Reports and Audit Certificates for all previous years have been presented to Parliament before the Audit Report and Audit Certificate for 2024-25 are tabled in Parliament.

The Hindi translation of the Audit Report and all related work related to its release are required to be done by your body. When issuing the Hindi translation of the Separate Audit Report, please include the following disclaimer:

"The report presented is a Hindi translation of the Separate Audit Report originally written in English. If any discrepancy arises, the English version will prevail."

Yours sincerely,

Enclosure: As above

- Signature

Director (AMG-III)



Date: 26.11.2025

**AMG-III/SAR/NIT/9-42/2025-26/806**

A copy of the certified Annual Accounts, along with a copy of the Audit Report and Audit Certificate, is forwarded to the Director, National Institute of Technology, Plot No. FA 7, Zone P.1, GT Karnal Road, Delhi-110036 for necessary action. One copy of the Hindi copy of the Annual Accounts should be sent to this office for necessary action.

Two copies of the documents presented to Parliament should be sent to this office and to the Office of the Comptroller and Auditor General of India, indicating the date on which they were presented to Parliament.

Enclosure: As above

Director (PMG-III)

Dated: 26.11.2025

**AMG-III/SAR/NIT/9-42/2025-26/-**

A copy of the certified Annual Accounts, along with a copy of the Audit Report and Audit Certificate thereof, is forwarded to the Principal Director (Autonomous Bodies), Office of the Comptroller and Auditor General of India, 9, Deen Dayal Upadhyay Marg, New Delhi-110124.

This issues with the approval of the Director General of Audit (Central Expenditure).

Enclosure: As above

- Signature-  
Director (AMG-III)



## Opinion of the Comptroller & Auditor General of India on the Accounts of National Institute of Technology, New Delhi for the year ended 31 March 2025

### Opinion

We have audited the financial statements of **National Institute of Technology**, which comprise the statement of financial position as at 31 March 2025 and the Income & Expenditure Account/Receipts & Payment Account for the year then ended, and notes to the financial statements, including a summary of significant accounting policies under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with section 22(2) of NIT Act 2007.

This Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards, disclosure norms, etc. Audit observations on financial transactions regarding compliance with the Law, Rules and Regulations (Propriety & Regularity) and efficiency cum performance aspects, etc., if any, are reported through inspection reports/ CAG's audit reports separately

In our opinion the accompanying financial statements of **National Institute of Technology**, read together with the accounting policies and Notes thereon and matters mentioned in the Separate Audit Report, which follows, **give a true and fair view** of the financial position of the autonomous body as at March 31, 2025, and (of) its financial performance and its cash flows for the year then ended in accordance with MOE format of accounts/format applicable to the AB/accounting standards generally accepted in India.

### Basis for Opinion

We conducted our audit in accordance with the CAG's auditing regulations/standards/manuals/guidelines/guidance-notes/orders/circulars etc. Our responsibilities are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the autonomous body in accordance with ethical requirements that are relevant to our audit of the financial statements, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### Responsibilities of Management for the financial statements

The Executive committee of **National Institute of Technology** is responsible for the preparation and fair presentation of the financial statements in accordance with MOE format of accounts/format applicable to the AB/accounting standards generally accepted in India, and for internal control as management determines it necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

### Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an



auditor's report that includes our opinion in accordance with CAG's auditing regulations /standards/ manuals/ guidelines/ guidance-notes/ orders/ circulars etc.

**Place: New Delhi**

**For and on behalf of the CAG of India**

**Date: 26-11-25**

**Director General of Audit  
(Central Expenditure)**



**A. Income & Expenditure Account**

**A.1 Income**

**A.1.1 Grants/Subsidies/IRG (Schdule-10) Rs.48.03 crore**

The Grant for General Purpose of Rs 25.84 crore has been received during the year 2024-25 by the Institute. However, the Institute has depicted grant income of Rs. 28.76 crore in the above schedule. The excess utilized general purpose grant was adjusted from the unutilized capital grant. This resulted in overstatement of Income and understatement of Current Liabilities & Provisions (unutilized grants) by Rs 2.91 crore and consequently Corpus Fund is overstated by the same amount.

**B. General:**

An amount of Rs.27.03 lakh as bank balance has been depicted under assets as on 31.03.2025 in the NPS Balance Sheet along with matching liability. Since this money belongs to the subscriber, necessary disclosure of the same should have been made in the Notes to Accounts of NIT Delhi accounts. Further proper reconciliation of the Assets and Liabilities depicted in the NPS Balance Sheet should be done by NIT Delhi and necessary action taken as per NPS Rules and directions of Government/PFRDA

**C. Management Letter**

Deficiencies which have not been included in Audit Report have been brought to the notice of the Director, NIT, New Delhi through management letter issued separately.

**D. Assessment of Internal Controls**

**1. Adequacy of Internal Control System:**

No inadequacy of internal controls, in areas seen by Audit, noticed during audit.

**2. Adequacy of Internal Audit System:**

Internal audit wing in the Institute has been established in January 2022. During the year internal audit has been conducted by CA Firm.

**3. System of Physical verification of fixed assets:**

- The physical verification of fixed assets had been done upto 31.03.2023.
- The physical verification of Library books was conducted up to 31.03.2025.

**4. System of Physical verification of inventory:**

The Institute had conducted physical verification of stationery and consumables up to March 31, 2025 and no material deficiency was reported.

**5. Regularity in payment of statutory dues:**

Statutory liability of Labour Cess amounting to Rs.2.2 lakh (Rs.0.47 Lakh -outstanding for more than a year and Rs 1.73 Lakh outstanding for more than 6 months) was pending as on 31.03.2025.

**E. Grants-in-aid**

The Institute received Grant-in-aid of Rs. 209.48 crore (Capital Rs.163.90 crore & Revenue Rs.45.58 crore) during 2024-25 and had an opening balance of Rs.13.53 crore on 1<sup>st</sup>April 2024. Out of total fund of Rs. 223.01 crore available for utilization during 2024-25, it utilized an amount of Rs.159.41 crore (Capital Rs.110.91 crore & Revenue Rs.48.50 crore) leaving a balance of Rs.63.60 crore as on 31<sup>st</sup>March 2025.



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Balance Sheet as at 31.03.2025

		Amount in Rs.		
Sources Of Funds		Schedule	Current Year	Previous Year
Corpus/Capital Fund		1	6,64,45,06,866	5,40,20,09,713
Designated/Earmarked/Endowment Funds		2	-	-
Current Liabilities And Provisions		3	1,07,59,15,562	48,23,23,275
<b>Total</b>			<b>7,72,04,22,428</b>	<b>5,88,43,32,988</b>
Application Of Funds		Schedule	Current Year	Previous Year
<b>Fixed Assets</b>				
Tangible Assets	2,85,65,50,331			
Intangible Assets	1,62,17,092			
Capital Work In Progress	1,83,39,88,715	4	4,70,67,56,139	3,70,10,81,201
<b>Investments - From Earmarked/Endowment Funds</b>		5		
Long Term			-	-
Short Term			-	-
<b>Investments - Others</b>		6		
<b>Current Assets</b>		7	1,29,46,99,207	1,00,29,78,976
<b>Loans &amp; Deposits</b>		8	1,71,89,67,082	1,18,02,72,811
<b>Total</b>			<b>7,72,04,22,428</b>	<b>5,88,43,32,988</b>
Significant Accounting Policies		23		
Notes On Accounts and Contingent Liabilities		24		

  
Superintendent  
NIT Delhi

  
Asstt.Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

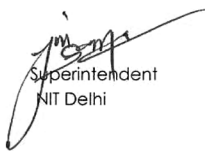
Date: 18/06/2025  
Place: Delhi



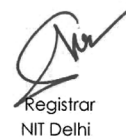
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Income And Expenditure Account For The Year Ended On 31.03.2025

Income	Schedule	Amount in Rs.	
		Current Year	Previous Year
Academic Receipts	9	17,79,52,298	13,91,56,528
Grants/Subsidies/IRG	3c	48,03,38,787	36,27,07,606
Income from Investments	11	7,37,77,487	5,90,04,451
Interest Earned	12	29,90,259	18,35,984
Other Income	13	65,09,184	85,42,266
Prior Period Income	14	3,63,409	11,37,414
<b>Total (A)</b>		<b>74,19,31,423</b>	<b>57,23,84,248</b>
Expenditure	Schedule	Amount in Rs.	
		Current Year	Previous Year
Staff payments & benefit (Establishments Expenses)	15	21,49,95,664	18,03,51,129
Academic Expenses	16	1,31,02,370	47,72,257
Administrative and General Expenses	17	25,53,00,327	19,69,20,271
Transportation Expenses	18	31,30,926	20,24,423
Repair and Maintenance	19	1,68,60,069	57,84,544
Finance Cost	20	16,135	21,745
Depreciation	4	10,99,67,317	11,20,51,686
Other Expenses	21	-	-
Prior Period Expenses	22	1,46,919	16,07,540
Interest transferable to Ministry		-	-
<b>Total (B)</b>		<b>61,35,19,727</b>	<b>50,35,33,594</b>
Balance being excess of Income over Expenditure (A-B)		12,84,11,696	6,88,50,654
<b>Balance Being Surplus/Deficits Carried To Capital/Corpus Fund</b>		<b>12,84,11,696</b>	<b>6,88,50,654</b>

  
Superintendent  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



Annual And Audit Report 2024-2025  
National Institute of Technology Delhi

NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
Receipt & Payment Account For The Year Ended On 31.03.2025

						Amount In Rs.	
Receipts	Annexure	Current Year	Previous Year	Payments	Annexure	Current Year	Previous Year
<b>I. Opening Balance</b>				<b>I. Expenses</b>			
(1) Cash Balance (Include Imprest)		7,29,057	1,90,056	-- Establishment Expenses	4	19,25,72,059	16,72,04,988
(2) Bank Accounts				-- Academic Expenses	5	1,31,02,370	51,54,808
In Schedule Banks		8,05,02,221	5,30,08,903	-- Administration Expenses	6	25,71,77,428	17,05,13,919
In Deposit Accounts		91,00,47,518	72,00,00,000	-- Transportation Expenses		31,30,926	20,24,423
<b>II Grant Received (Sch-3(c))</b>				-- Repair & Maintenance Expenses		1,68,60,069	57,84,544
-- Grant From Central Government		2,09,48,00,000	1,46,16,00,000	-- Finance Cost		16,135	21,745
-- Prior Period Unutilised Grant		-	1,64,712				
<b>III Academic Receipts</b>	1	17,79,52,298	13,91,56,528	-- Interest on Term Deposit/Saving Bank transfer to Ministry		42,27,353	-
				-- Prior Period Expenses		1,46,919	16,07,540
<b>IV Security Deposit from Students</b>				<b>II. Payment Against Earmarked/Endowment Fund</b>			
-- Increase in Hostel Security Deposit		19,10,000	30,68,000	<b>III. Payment Against Sponsored Projects</b>	3	2,24,82,331	1,03,82,801
-- Increase in Mess Security Deposit		19,10,000	30,60,000	<b>IV. Payment Against Sponsored Fellowship and Scholarship</b>			
-- Increase in Caution Money		66,28,000	98,10,000	<b>V. Investments and Deposit made</b>			
<b>V Receipts Against Earmarked/Endowment Fund</b>				-- Out of Earmarked/Endowments Funds			
<b>VI. Receipts Against Sponsored Projects</b>	3	2,29,34,772	1,24,80,938	-- Out of Own Funds			
<b>VII. Receipts Against Sponsored Fellowship and Scholarship</b>				<b>VI. Term Deposit with Schedule</b>			
<b>VIII. Income On Investments</b>				<b>VII. Expenditure On Fixed Assets and Capital</b>			
-- Earmarked/Endowments Funds		-	-	-- Fixed Assets		8,96,04,816	30,18,72,804
-- Other Investments		6,94,14,985	5,33,43,926	-- Capital Works In Progress		1,02,57,29,119	67,75,56,192
<b>IX. Interest Received on</b>				<b>VIII. Other Payment include Statutory Payment</b>			
-- Bank Deposit		-	-	<b>IX. Refund Of Grants</b>			
-- Loan &		-	-	<b>X. Deposits &amp; Advances</b>		53,36,50,239	14,64,79,526
-- Saving Bank Accounts	7	29,90,259	18,35,984	<b>XI. Other Payments</b>			
<b>X. Investments encashed</b>				-- Payments of EMD		4,83,790	-
<b>XI. Term Deposits with Scheduled Banks encashed</b>				-- Payable to Students		-	-
<b>XII. Other Income (Including Prior Period Income)</b>	2	68,72,593	96,79,679	-- Misc Payments		2,86,739	2,96,88,701
<b>XIII. Deposits and</b>				-- Payment of Security Deposits		-	1,61,050
<b>XIV. Miscellaneous Receipts</b>				-- Increase in Debtor		-	55,87,133
<b>XV. Any Other Receipts</b>				-- TDS & TCS receivable		10,24,749	10,13,190
-- Advance Hostel Rent received from Students		-	28,000	-- Statutory Duty payable paid		1,017	22,16,271
-- Received of EMD		-	9,49,039	-- Excess fee payable to Students		-	8,95,380
-- Decrease in Debtor		56,50,200	-	-- Scholarship payable		-	-
-- TDS & TCS receivable		-	-	-- Decrease in Time Barred Cheque		-	13,10,548
-- Increase in Statutory Duty payable		93,38,856	-	-- Project expense		25,593	-
-- Increase in Scholarship Payable		2,51,800	2,49,899				
-- Increase in Time Barred Cheque		-	-	<b>XII. Closing Balance</b>			
-- Project expense		-	25,593	(1) Cash Balance (Include Imprest)		4,058	7,29,057
-- Other Receipts		5,78,32,317	5,21,03,103	(2) Bank Accounts			
				In Schedule Banks		26,81,01,746	8,05,02,221
				In Deposit Accounts		1,02,11,37,418	91,00,47,518
<b>Total</b>		<b>3,44,97,64,875</b>	<b>2,52,07,54,359</b>	<b>Total</b>		<b>3,44,97,64,875</b>	<b>2,52,07,54,359</b>

Superintendent  
NIT Delhi

ASST. Registrar  
NIT Delhi

Registrar  
NIT Delhi

Director  
NIT Delhi

Date: 18/04/2025  
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Annexure to Receipt & Payment Account For The Year Ended On 31.03.2025

		Amount in Rs.
S. No.	Particulars	Current Year
<b>1</b>	<b><u>Academic Receipts</u></b>	
	As per Income & Exp. A/c	17,79,52,298
	Add: Fee Outstanding during last year	-
	Add-Excess Fee Received	-
	Add: Received during the year	-
		17,79,52,298
	Less-Excess Fee Received	-
	Less: received during previous year	-
	Less: Fee Outstanding during the year	-
	<b>Balance To Receipts &amp; Payments A/c</b>	<b>17,79,52,298</b>
<b>2</b>	<b><u>Other Income</u></b>	
	As per Income & Exp. A/c	68,72,593
	Add: Received during the year	-
		68,72,593
	Deperciation Written Back Retrospectively	-
	Less: received during previous year	-
	<b>Balance To Receipts &amp; Payments A/c</b>	<b>68,72,593</b>
<b>3</b>	<b><u>Receipts Against Sponsored Projects</u></b>	
	As per Sch-3(A)	2,29,38,606
	Less: Accrued during the year 2024-25	3,834
	<b>Balance To Receipts &amp; Payments A/c</b>	<b>2,29,34,772</b>
	Payments Against Sponsored Projects	2,24,82,331
	<b>Balance To Receipts &amp; Payments A/c</b>	<b>2,24,82,331</b>
<b>4</b>	<b><u>Establishment Expenses</u></b>	
	As per Income & Exp. A/c	21,49,95,664
	Add:- Provision for the year 2023-24	8,72,67,064
	Add:- Festival 23-24	-
		30,22,62,728
	Less:- Festival 24-25	-
	Less:- Provision for the year 2024-25	10,96,90,669
	<b>Balance To Receipts &amp; Payments A/c</b>	<b>19,25,72,059</b>
<b>5</b>	<b><u>Academic Expenses</u></b>	
	As per Income & Exp. A/c	1,31,02,370
	Add:- Provision for the year 2023-24	-
	Less:- Payment Yet to be made to Creditors	-
	Add:- Prepaid Expenses 2023-24	-
		1,31,02,370
	Less- Prepaid Expenses 2024-25	-
	Less:- Provision for the year 2024-25	-
	<b>Balance To Receipts &amp; Payments A/c</b>	<b>1,31,02,370</b>

Registrar      Hon'ble Director



6	<b>Administration Expenses</b>	
	As per Income & Exp. A/c	25,53,00,327
	Add:- Provision for the year 2023-24	92,08,763
	Add:- Payment made to Opening Creditors	2,76,48,863
	Add:- Prepaid Expenses 2023-24	(3,48,070)
	Add:- Closing Stock	8,41,941
		29,26,51,824
	Less:- Provision for the year 2024-25	2,19,43,699
	Less:- Payment Yet to be made to Creditors	1,20,94,761
	Less:-Opening Stock	14,35,936
	<b>25,71,77,428</b>	
7	<b>Intt. Recd. On Savings</b>	
	As per Income & Exp. A/c	29,90,259
	Add: Accrued of Last Year 2023-24	-
		29,90,259
	Less: Accrued during the year 2024-25	-
	<b>29,90,259</b>	

Registrar  
NIT Delhi

Director  
NIT Delhi



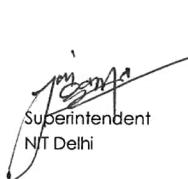
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Corpus/Capital Fund

Schedule 1

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
<b>A</b>	Balance at the beginning of the year	4,70,50,25,834	3,83,49,81,108
	Add: Contributions towards Corpus/Capital Fund	-	-
	Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure	1,11,53,33,935	97,94,28,996
	Add: Assets Purchased out of Earmarked Funds	-	-
	Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution	-	-
	Add: Assets Donated/Gifts Received	3,20,881	-
	Less: Depreciation for the year	(10,99,67,317)	(11,20,51,686)
	Add: Depreciation on WIP for 2022-23 (Rectification)	-	26,67,416
	Less: Depreciation for 2023-24 (Rectification)	(12,563)	-
	Add: Other Additions	-	-
	<b>Total (A)</b>	<b>5,71,07,00,771</b>	<b>4,70,50,25,834</b>
<b>B</b>	Suplus/(Deficifit) Opening Balance	69,69,83,879	51,34,35,350
	(Less): Excess of Expenditure over Income trasferred from the Income & Expenditure Account	-	-
	Add: Excess of Income over Expenditure trasferred from the Income & Expenditure Account	-	-
	Excess of Academic Income over Academic Expenditure	16,48,49,927	-
	Others	(3,64,38,231)	6,88,50,654
	Add: Grants from UGC, Government of India and State Government to the extent utilized for Revenue Expenditure	-	-
	Add: Depreciation for the Year	10,99,67,317	11,20,51,686
	Add: Depreciation for 2023-24 (Rectification)	-	-
	Add: Adjustment of Salary Expenditure Recouped from Grant	46,42,295	-
	Add: Adjustment of Previous Credit balances and Round off	-	29,33,931
	Less: Adjustment of Stale Cheques	-	(2,87,742)
	Less: Capital Expenditure on Furniture met from IRG	(61,99,092)	-
	<b>Total (B)</b>	<b>93,38,06,095</b>	<b>69,69,83,879</b>
	<b>Total (A+B)</b>	<b>6,64,45,06,866</b>	<b>5,40,20,09,713</b>

  
Superintendent  
NIT Delhi

  
Asstt Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
Earmarked/Endowment Fund

Schedule 2

Earmarked/Endowment Fund	Alumni Association	Industrial Training & Placement	Institute Dev. Fund	Library & Book Bank	Games, Sports and Culture Funds	Students Aid and Welfare Funds	Examination Funds	DASA Students Funds	Students Club	Medical Fund	Tech Fest	Startup Fund	Amount in Rs.			
													Current Year	Previous Year		
A.																
c.) Opening Balance	-	-	-	-	-	-	-	-	-	-	-	-	-	11,86,24,301	-	
b.) Received During the Year made of the Funds	-	-	-	-	-	-	-	-	-	-	-	-	-	4,28,73,715	-	
d.) Accrued Interest on the Investments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e.) Interest on Saving Bank a/c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total (A)</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>16,14,98,016</b>	-	
B.																
Utilisation/exp. Towards objects of the Funds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I.) Capital Expenditure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II.) Revenue Expenditure	-	-	-	-	-	-	-	-	-	-	-	-	-	2,93,15,598	-	
<b>Total (B)</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>2,93,15,598</b>	-	
<b>Less Transferred to Current Liabilities Schedule 3</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Closing balance at the year end (A - B)</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>13,21,82,417</b>	-	

Registrar  
NIT Delhi

Registrar  
NIT Delhi

Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Endowment Funds

Schedule 2(A)

1. Sr. No.	2. Name of the Endowment	Opening Balance as on 01.04.2023		Additions during the Year		Total		Expenditure on the object during the year	Closing Balance as on 31.03.2024		Total (10+11)
		3. Endowment	4. Accumulated Interest	5. Endowment	6. Interest	7. Endowment (3+5)	8. Accumulated Interest (4+6)		9. Endowment	10. Endowment	
		-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-

Amount in Rs.

  
Superintendent  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Current Liabilities and Provisions

Schedule 3

Amount in Rs.

S.No.	Particulars	Current Year		Previous Year	
<b>A</b>	<b>Current Liabilities</b>				
1	Deposits From Staff	-	-	-	-
2	Deposits from Students				
a)	Hostel Security	1,47,78,500		1,28,68,500	
b)	Mess Security	1,47,60,000		1,28,50,000	
c)	Library & Lab Security	-		-	
d)	Students Co-op. Security	-		-	
e)	Security Deposit Students (Caution Money)	4,03,35,419		3,37,07,419	
f)	Hostel Rent from Students	28,000		28,000	
g)	Scholarship Payable	11,33,320		8,81,520	
h)	Excess Fee Received	-		-	
i)	Other payable to Students	-	7,10,35,239	-	6,03,35,439
3	Sundry Creditors:				
a)	For Goods (Annexure 'A')	15,123		35,39,889	
b)	Others (Annexure 'A')	1,20,79,638	1,20,94,761	2,41,08,974	2,76,48,863
4	Deposit-others(Including, EMD, Security Deposit) Annexure 'D'	33,94,679	33,94,679	38,78,469	38,78,469
5	Statutory Liabilities:(TDS,GPF,WC Tax, CPF,GIS,NPS)				
a)	Overdue	-		-	
b)	Others Annexure 'B'	1,47,79,302	1,47,79,302	54,40,446	54,40,446
6	Other current Liabilities				
a)	Salary				
b)	Receipts against Sponsored Projects (Schedule 3A(I))	1,05,21,445		93,78,918	
c)	Receipts against Sponsored Fellowships & Scholarships (Sch-3A(II))	(1,15,213)		5,71,038	
d)	Unutilised Grants (Sch-3C)	63,59,66,050		13,52,81,975	
e)	Grants In Advance	-		-	
f)	Allumini Association	38,19,363		31,82,363	
g)	Industrial Training & Placement	1,95,17,034		1,49,92,534	
h)	Institute Dev. Fund	7,44,35,454		6,42,94,500	
i)	Library & Book Bank	2,26,51,407		1,70,54,007	
j)	Games, Sports and Culture Funds	23,28,102		6,15,000	
k)	Students Aid and Welfare Funds	1,23,39,793		90,99,913	
l)	Examination Funds	2,34,45,755		1,75,14,255	
m)	DASA Students funds	-		-	
n)	Students Club	-		-	
o)	Medical Fund/Insurance Fee	53,98,858		54,29,846	
p)	Entrepreneurship and Startup Fees	5,42,000		(0)	
q)	Time Barred Cheques	-		-	
r)	Interest payable to Ministry	-		42,27,353	
s)	Consultancy Share Distribution	2,36,75,377		38,54,097	
t)	DAVP (Advance)	15,480		-	
u)	IPDF	28,46,608		11,63,055	
v)	RDF (Civil Deptt)	38,42,631		14,53,818	
w)	RDF (R & C Offices)	57,954		87,229	
x)	RDF (EE Deptt)	49,227		-	
y)	Zeal 2024 Sponsorship	-		25,000	
z)	COSMO ANALYTICAL LAB	10,000		-	
aa)	CPS Workshop Fund IIT Ropar (Dr Anurag Singh)	1,00,000		-	
ab)	(IAwadH) SPRINT Ideathon 2024 (Dr Anurag Singh)	2,50,000		-	
ac)	Moms Paradise	15,000		-	
ad)	PRAMIT SOME-FOR ALCHERINGA 2	413		-	
ae)	Prashant Vashishtha	5,000		-	
af)	Prof. Rajkumar S Pant_AAMP0297Q	10,000		-	
ag)	Sprint Ideathon initiative project (Dr Anurag Singh) (IIT Ropar)	7,00,000		-	
ah)	Project Fund	5,42,478		-	
ai)	Outstanding Exp Annexure 'C'	3,34,35,975	87,64,06,189	2,07,54,961	30,89,79,861
	<b>Total (A)</b>		<b>97,77,10,169</b>		<b>40,62,83,077</b>
<b>B</b>	<b>Provisions</b>				
1	For Taxation	-		-	
2	Gratuity	3,22,91,751		2,55,69,342	
3	Superannuation Pension	-		-	
4	Accumulated Leave/Encashment	6,59,13,642		5,04,70,855	
5	Trade Warranties/Claims	-		-	
6	Others (Specify)	-	9,82,05,393	-	7,60,40,197
	<b>Total (B)</b>		<b>9,82,05,393</b>		<b>7,60,40,197</b>
	<b>Total (A+B)</b>		<b>1,07,59,15,562</b>		<b>48,23,23,274</b>

Superintendent  
NIT Delhi

Asst Registrar  
NIT Delhi

Registrar  
NIT Delhi

Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Sponsored Projects

Schedule 3(A)(i)

Amount in Rs.

S.No.	Name of the Project	Opening Balance as on 01.04.2024		Receipts/Interest Recoveries during the year	Total	Expenditure/ transfer during the year	Closing Balance as on 31.03.2025	
		Credit	Debit				Credit	Debit
1	DST Project Inspire Faculty (Dr. Suman Srivastava)	1,25,831	-	-	1,25,831	-	1,25,831	-
2	DST-TDT/SHRI-07/2018 (Dr. Gyanendra Sheoran)	1,92,877	-	-	1,92,877	1,92,877	-	-
3	DST/INT/DAAA/P-20/2019 Dr. Sachin Singh	-	-	-	-	-	-	-
4	DST - Chandra Sekhar	4,53,549	-	-	4,53,549	4,53,549	-	-
5	DST/WOS-A/PM-90/2021 (G) Dr. V.S Pandey	6,08,132	-	12,14,336	18,22,468	19,79,560	(1,57,092)	-
6	DST/Inspire/04/2021/002977/ Chumki Dalal	7,21,313	-	22,55,727	29,77,040	20,18,664	9,58,376	-
7	Dr. Anuj (DST/CD/BRICS/Call-5/3D BioPhoto/2023	-	-	9,43,880	9,43,880	1,39,281	8,04,599	-
8	CSIR-Anuj Kumar Sharma	(9,701)	-	-	(9,701)	-	(9,701)	-
9	CSIR- Amit Mahajan	(46,800)	-	-	(46,800)	-	(46,800)	-
10	CSIR (Ms Vinita )	27,482	-	-	27,482	-	27,482	-
11	Sardar Vallabhbhai NIT Surat	(3,90,264)	-	-	(3,90,264)	(3,90,264)	-	-
12	SERB Project - AS-CH03 (Dr. AP Singh)	2,00,000	-	-	2,00,000	-	2,00,000	-
13	SERB/ECR/2016/1141 (Dr. Anmol Ratna Saxena)	3,20,477	-	1,59,393	4,79,870	1,59,393	3,20,477	-
14	SERB DST - Dr. Prashant Kumar (CRG/2021/003654)	1,94,814	-	6,21,733	8,16,547	6,32,950	1,83,597	-
15	SERB DST - Dr. Rikmantra Basu	1,25,477	-	-	1,25,477	-	1,25,477	-
16	SERB DST - Dr. Rikmantra Basu (CRG/2020/002966)	4,41,091	-	25,593	4,66,684	25,593	4,41,091	-
17	SERB - Anurag Singh	(33,375)	-	33,375	-	-	-	-
18	SERB - Dr. Gunjun	-	-	1,50,000	1,50,000	1,50,000	-	-
19	SERB/F/10719/2022-2023/chander Prakash	23,74,900	-	-	23,74,900	23,74,900	-	-
20	SERB/F/8613/22-23/FSER/Gyanendra Sheoran	2,53,721	-	28,893	2,82,614	1,68,200	1,14,414	-
21	2021-WQM-II-HO-CPCB-HO-KAPIL PROJECT	31,15,200	-	20,05,540	51,20,740	46,84,384	4,36,356	-
22	DST SERB/CRG/2022/VS Pandey	4,17,057	-	15,421	4,32,478	4,70,808	(38,330)	-
23	INSA Project Rikmantra Basu	2,41,424	-	96,180	3,37,604	3,37,604	-	-
24	Inspire Fellowship Under Inspire Program	(40,667)	-	9,57,279	9,16,612	9,16,612	-	-
25	INSPIRE FELLOWSHIP UNDER INSPIRE PROJECT (SWEETY	-	-	9,35,792	9,35,792	9,35,269	523	-
26	Dr Vivek Shrivastava BRNS PProject	60,860	-	-	60,860	24,531	36,329	-
27	Unnat Bharat Project (Dr. Kapil Kumar)	25,520	-	-	25,520	5,840	19,680	-
28	C2S Programme ZoPP Workshop Project	-	-	5,83,000	5,83,000	4,57,834	1,25,166	-
29	ERDP-Wastewater Treatment-Dr. Kapil Project	-	-	43,76,880	43,76,880	2,74,566	41,02,314	-
30	INCOIS Project (Dr. Prashant Kumar)	-	-	7,62,000	7,62,000	2,19,567	5,42,433	-
31	Kanak Ghosh	-	-	4,52,300	4,52,300	4,52,300	-	-
32	Research Project (Dr. Ajay Kumar)	-	-	24,26,400	24,26,400	17,178	24,09,222	-
33	Science and Engineering Reaserch	-	-	1,50,000	1,50,000	-	1,50,000	-
	<b>Total</b>	<b>93,78,919</b>	<b>-</b>	<b>1,81,93,722</b>	<b>2,75,72,641</b>	<b>1,70,51,196</b>	<b>1,05,21,445</b>	<b>-</b>

Sponsored Programmes

Schedule 3(A)(ii)

Amount in Rs.

S.No.	Name of the Programme	Opening Balance as on 01.04.2024		Receipts/Recoveries during the year	Total	Expenditure during the year	Closing Balance as on 31.03.2025	
		Credit	Debit				Credit	Debit
1	Agmatat India Pvt Ltd	-	-	1,00,000	1,00,000	-	1,00,000	-
2	IEEE NITD Student Branch	8,500	-	-	8,500	-	8,500	-
3	AICTE ATAL FDP Vivek Shrivastava	(1,265)	-	-	(1,265)	-	(1,265)	-
4	Gian Sponsored Programme	639	-	-	639	-	639	-
5	ICECSP 2024 NIT Delhi_GST	-	-	13,81,054	13,81,054	15,87,585	(2,06,531)	-
6	IEEE IC2SDT Project	-	-	11,80,120	11,80,120	14,83,370	(3,03,250)	-
7	NUSOD (24th IEEE International Conference)	-	-	13,61,193	13,61,193	13,61,193	-	-
8	Short Term Course	1,20,957	-	7,22,517	8,43,474	8,10,840	32,634	-
9	C2S Programme ZoPP Workshop Project	38,469	-	-	38,469	38,469	-	-
10	CUET 2022 (Dr. Anurag Singh)	31,000	-	-	31,000	-	31,000	-
11	Research Scholar Day Exp 2022	400	-	-	400	-	400	-
12	RTCSSE -2023 Events (Dr A.P Singh)	1,41,887	-	-	1,41,887	90,678	51,209	-
13	Winter School ( V.S. pandey)	2,30,451	-	-	2,30,451	59,000	1,71,451	-
	<b>Total</b>	<b>5,71,038</b>	<b>-</b>	<b>47,44,884</b>	<b>53,15,922</b>	<b>54,31,135</b>	<b>(1,15,213)</b>	<b>-</b>

  
Superintendent  
NIT Delhi

Date: 18/06/2025  
Place: Delhi

  
Asst. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi



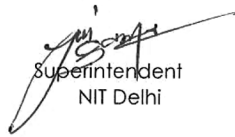
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Sponsored Fellowships And Scholarships

Schedule 3(B)

Amount in Rs.

S.No.	Name of Sponsor	Opening Balance As On 01.04.2024		Transactions During the year		Closing Balance as On 31.03.2025	
		3	4	5	6	7	8
		CR.	DR.	CR.	DR.	CR.	DR.
1	University Grants Commission	-	-	-	-	-	-
2	Ministry	-	-	-	-	-	-
3	Grant Received CISR	-	-	-	-	-	-
4	Grant Received (Mumbai)	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-

  
Superintendent  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi

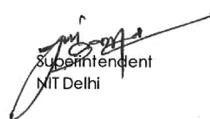


NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Unutilised Grants From UGC, Government of India and State Governments

Schedule 3(C.)

Particulars	Amount in Rs.	
	Current Year	Previous Year
<b>Grant From Government of India</b>		
<b>A. OH-31 (General)</b>		
Balance B/F	0	48,517
Add: Receipts during the year		
:Received during the year	25,84,00,000	19,89,00,000
:Less RBI TSA Balance lapse on 31.03.2023	-	-
Add: RBI TSA Balance lapse on 31.03.2022 (Rectification)	-	-
Add: Adjustment	-	-
:Seed Money transferred back to Unutilized Grant	-	-
<b>Total(a)</b>	<b>25,84,00,000</b>	<b>19,89,48,517</b>
Less Refunds		
Less: Utilized for Revenue Expenditure	28,75,81,082	19,89,48,517
Less: Transferred to projects	-	-
<b>Total (b)</b>	<b>28,75,81,082</b>	<b>19,89,48,517</b>
<b>Unutilized carried forward (a-b)</b>	<b>(2,91,81,082)</b>	<b>0</b>
<b>B. OH 35 - (Creation of Capital Assets)</b>		
Balance B/F	13,52,81,975	86,10,971
Add: Receipts during the year		
:Received during the year	1,63,90,00,000	1,10,61,00,000
:Less RBI TSA Balance lapse on 31.03.2023	-	-
Add: RBI TSA Balance lapse on 31.03.2022 (Rectification)	-	-
Add: Adjustment	-	-
:Seed Money transferred back to Unutilized Grant	-	-
<b>Total(c)</b>	<b>1,77,42,81,975</b>	<b>1,11,47,10,971</b>
Less Refunds		
Less: Utilized for Capital expenditure	1,10,91,34,843	97,94,28,996
Less: Transferred to projects	-	-
<b>Total (d)</b>	<b>1,10,91,34,843</b>	<b>97,94,28,996</b>
<b>Unutilized carried forward (c-d)</b>	<b>66,51,47,132</b>	<b>13,52,81,975</b>
<b>C. OH 36 - (Salary)</b>		
Balance B/F	-	69,94,377
Add: Receipts during the year		
:Received during the year	19,74,00,000	15,66,00,000
:Less RBI TSA Balance lapse on 31.03.2023	-	-
Add: RBI TSA Balance lapse on 31.03.2022 (Rectification)	-	-
Add: Adjustment	-	-
:Amount transferred back to Unutilized Grant	-	1,64,712
<b>Total(e)</b>	<b>19,74,00,000</b>	<b>16,37,59,089</b>
Less Refunds		
Less: Utilized for Revenue Expenditure	19,27,57,705	16,37,59,089
Less: Adjustment for expenditure recouped from grant	46,42,295	-
<b>Total (f)</b>	<b>19,74,00,000</b>	<b>16,37,59,089</b>
<b>Unutilized carried forward (e-f)</b>	<b>(0)</b>	<b>-</b>
<b>D. Grants from State Govt.</b>		
Balance B/F	-	-
Add: Receipts during the year	-	-
<b>Total(g)</b>	<b>-</b>	<b>-</b>
Less Refunds		
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital expenditure	-	-
<b>Total (h)</b>	<b>-</b>	<b>-</b>
<b>Unutilized carried forward (g-h)</b>	<b>-</b>	<b>-</b>
<b>Grand Total (A+B+C+D)</b>	<b>63,59,66,050</b>	<b>13,52,81,975</b>

  
Superintendent  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Fixed Assets

Schedule 4

S.No.	Assets	Gross Block			Depreciation Block			Net Block			Amount in ₹.	
		Cost as on 01.04.2024	Addition	Deductions	Closing Balance	Dep. Up to 31.03.2024	Depreciation Adjustment	Add. During the Year	Rate of Dep	Total Depreciation		Balance as on 31.03.2025
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>A</b>	<b>Tangible Assets (A)</b>											
1	Classroom Equipment	2,18,99,400	-	-	2,18,99,400	17,51,952	-	-	16,11,796	33,63,748	1,85,35,652	2,01,47,448
2	Health Centre Equipments	1,12,000	1,36,497	-	2,48,497	8,960	-	-	19,163	28,123	2,20,374	1,03,040
3	Lab Equipments	3,65,34,183	-	-	3,65,34,183	2,11,37,778	-	-	12,31,712	2,23,69,490	1,41,64,693	1,53,96,405
4	Lab Equipments for Dept of ECE	3,38,17,608	19,55,644	-	3,57,73,252	75,24,446	-	-	22,59,904	97,84,351	2,59,88,901	2,62,93,162
5	Lab Equipments for Dept of EEE	4,21,62,261	74,41,847	-	4,96,04,108	74,74,991	-	-	33,70,359	1,08,45,321	3,87,58,787	3,46,87,270
6	Lab Equipments for CIM Dept	2,45,42,618	32,25,903	-	2,77,68,521	23,17,057	-	-	20,36,117	43,53,174	2,34,15,347	2,22,25,561
7	Lab Equipments for Dept of ME	2,09,82,966	44,85,967	-	2,54,68,933	22,78,788	-	-	18,55,212	41,34,000	2,13,34,533	1,87,04,178
8	Lab Equipments for CSE Dept	99,24,198	33,56,579	-	1,32,80,777	8,08,309	-	-	9,97,797	18,06,107	1,14,74,670	91,15,889
9	Lab Equipments Chemistry Lab	1,12,27,700	-	-	1,12,27,700	8,98,216	-	-	8,26,359	17,24,575	95,03,125	1,03,29,484
10	Science	4,64,450	72,000	-	5,36,450	39,803	-	-	39,732	79,534	4,56,916	4,24,647
11	Equipments	89,26,730	1,11,864	-	90,38,594	30,09,792	-	-	2,42,304	32,52,096	27,86,498	29,16,938
12	Mess Equipments	11,80,425	-	-	11,80,425	1,81,313	-	-	79,979	2,61,242	9,19,183	9,99,112
13	Lab Equipments for Dept of AS	1,02,55,922	-	-	1,02,55,922	11,68,857	-	-	7,26,945	18,95,822	83,60,100	90,87,065
<b>b</b>	<b>Office &amp; Office Equipments</b>											
1	Air Conditioners	64,09,324	7,49,999	-	71,59,323	39,49,205	-	-	2,40,759	41,89,964	29,69,359	24,60,119
2	Bornelle Machine	1,95,132	-	-	1,95,132	62,131	-	-	9,975	72,106	1,23,026	1,33,001
3	Blade Server	29,61,185	-	-	29,61,185	21,37,745	-	-	34,184	21,99,503	7,61,682	8,23,440
4	CCV Camera	10,49,562	-	-	10,49,562	5,93,781	-	-	6,198	6,27,964	4,21,698	4,55,781
5	Camera	4,01,517	1,91,475	-	5,92,992	81,923	-	-	36,330	1,20,253	4,72,739	3,19,594
6	Coffee Machine	98,438	-	-	98,438	64,749	-	-	2,577	67,275	31,163	33,689
7	Digital Copier Machine	23,80,572	-	-	23,80,572	14,72,041	-	-	68,140	15,40,181	8,40,391	9,08,531
8	Fogging Machine	31,500	-	-	31,500	22,744	-	-	657	23,401	8,099	8,756
9	Franking Machine	95,000	-	-	95,000	50,294	-	-	26,392	53,647	41,353	44,706
10	Grater	8,15,697	-	-	8,15,697	4,63,806	-	-	4,901	4,901	3,25,699	3,51,891
11	Gross Cutting Machine	54,450	-	-	54,450	31,455	-	-	1,725	33,180	21,270	22,995
12	Kitchen Appliance	27,58,657	-	-	27,58,657	15,72,548	-	-	88,958	16,61,506	10,97,151	11,86,109
13	Lawn Mower	14,175	-	-	14,175	6,501	-	-	384	4,885	7,990	7,674
14	Library Books	1,01,73,929	27,34,625	-	1,29,08,554	67,79,561	-	-	612,899	74,05,023	55,03,531	33,94,368
15	Library Equipments	28,16,778	-	-	28,16,778	19,58,493	-	-	66,663	20,27,156	7,89,422	8,58,285
16	Media Player	2,69,250	-	-	2,69,250	1,72,063	-	-	7,289	1,79,352	89,898	97,187
17	Microwaves	53,977	14,640	-	67,917	13,842	-	-	4,056	17,897	50,020	39,435
18	Mixer Grinder	2,686	-	-	2,686	201	-	-	186	388	2,298	2,485
19	Mobile Phone & Telephone Set	10,22,339	-	-	10,22,339	3,81,973	-	-	48,027	4,30,000	5,92,539	6,40,346
20	Monitor Screens	88,000	-	-	88,000	63,529	-	-	1,835	65,364	22,536	24,471
21	Musical Instruments	1,00,000	-	-	1,00,000	48,453	-	-	3,850	52,313	47,187	51,333
22	Office Equipments	61,14,614	61,065	-	61,75,679	22,95,388	-	-	2,834	21,77,835	34,75,844	37,18,225
23	Refrigerator	2,18,687	47,350	-	2,66,037	4,240	-	-	13,035	07,273	1,60,762	1,24,447
24	Room Heaters	1,22,756	-	-	1,22,756	1,13,755	-	-	3,028	2,54,679	4,32,481	4,67,347
25	Shredder Machine	3,42,593	-	-	3,42,593	2,04,721	-	-	10,340	21,5061	1,27,532	1,97,001
26	Surfact Grinding Machine	2,48,095	-	-	2,48,095	1,70,685	-	-	17,212	3,81,19	2,12,276	2,29,488
27	Sweeping Machine	22,75,800	-	-	22,75,800	8,54,430	-	-	77,593	9,32,024	9,56,983	5,44,206
28	Television & LED	21,11,404	-	-	21,11,404	11,12,451	-	-	74,921	11,87,372	9,24,032	3,43,473
29	Water Cooler	3,16,372	55,500	-	3,71,872	40,867	-	-	2,825	65,692	3,06,180	2,75,505
30	Washing Machine	24,975	-	-	24,975	6,995	-	-	1,603	5,208	19,767	21,369
31	Pedestal Fan	6,96,941	-	-	6,96,941	5,919	-	-	4,471	1,11,466	5,85,475	6,32,946
32	Agriculture Leveller	41,000	-	-	41,000	14,047	-	-	2,631	8,550	32,450	35,081
33	Web Camera	57,02,592	-	-	57,02,592	7,89,011	-	-	3,685,519	11,57,530	45,45,062	49,13,581
34	Gym Equipments	26,17,918	1,10,362	-	27,28,280	7,71,326	-	-	1,46,772	9,18,098	18,10,182	18,46,592



40	Inverter	6,40,484	-	-	6,40,484	3,64,295	-	20,714	7.5%	3,85,009	2,55,475	2,76,187
41	Air Purifier	1,12,004	-	-	52,107	52,107	-	4,492	7.5%	56,599	55,405	59,897
42	Flood Light LED	28,600	-	-	28,600	28,600	-	1,285	7.5%	17,555	15,845	17,130
43	Inverter battery	3,24,853	70,440	-	3,95,303	1,09,444	-	21,439	7.5%	1,30,683	2,64,420	2,15,419
44	Speaker	80,877	-	-	80,877	12,833	-	5,103	7.5%	17,937	65,940	68,044
45	Temporary Tin Shed	66,080	-	-	66,080	9,540	-	4,240	7.5%	52,299	56,540	56,540
46	Sanitizer Machine	38,230	-	-	38,230	8,536	-	2,227	7.5%	10,763	27,467	29,694
47	Chimney	53,000	-	-	53,000	-	-	3,975	7.5%	398	49,025	-
48	Water Pump	5,310	-	-	5,310	-	-	398	7.5%	-	4,912	-
<b>c Furniture Fixture &amp; Fittings</b>												
1	Cooler	46,300	-	-	46,300	29,233	-	1,730	7.5%	24,943	21,337	23,047
2	Electric Installation	27,22,394	25,18,415	-	52,40,809	6,08,752	-	2,31,603	5.0%	8,40,355	44,00,454	21,13,442
3	Electric Fan	11,105	-	-	11,105	555	-	527	5.0%	1,083	10,022	10,550
4	Exhaust Fan	98,852	-	-	98,852	68,591	-	2,270	5.0%	70,861	27,991	30,761
5	Fire Extinguisher	1,79,190	24,780	-	2,03,970	92,721	-	8,344	7.5%	1,01,064	1,02,906	86,469
6	Furniture Fixture & Fittings	21,98,42,923	2,49,34,854	-	24,47,77,777	4,52,73,032	-	1,49,62,856	7.5%	6,02,35,887	18,45,41,890	17,45,69,891
7	Ironing Board (Formed)	25,500	-	-	25,500	3,682	-	1,636	7.5%	3,188	20,182	21,818
8	Main Gate (Iron)	2,47,800	-	-	2,47,800	35,776	-	15,902	7.5%	51,678	1,96,122	2,12,024
9	LED Light	6,40,132	-	-	6,40,132	3,52,144	-	15,399	5.0%	3,67,545	2,92,587	3,02,984
10	Periscope	5,32,244	-	-	5,32,244	47,118	-	43,862	7.5%	91,280	5,40,964	5,84,824
11	Patio Cabs	35,20,831	-	-	35,20,831	18,43,306	-	1,25,814	7.5%	19,69,121	15,51,710	16,77,535
12	Sign Board	53,971	-	-	53,971	2,79,224	-	19,788	7.5%	3,10,055	2,49,766	2,63,747
13	Isarker	131,682	-	-	131,682	67,713	-	4,848	7.5%	74,369	37,352	61,949
14	Well Fan	25,274	-	-	25,274	1,878	-	1,753	7.5%	3,649	21,625	23,378
15	Submersible	-	22,845	-	22,845	-	-	1,713	7.5%	1,713	-	-
<b>d Computer Peripherals</b>												
1	Computer	7,19,51,283	2,04,83,483	-	9,24,34,766	3,76,35,578	-	1,09,59,838	20.0%	4,85,95,416	4,38,39,350	3,43,15,705
2	Printers	3,42,20,688	60,718	-	3,42,81,406	90,28,250	-	50,50,631	20.0%	1,40,79,881	2,02,02,325	2,51,92,438
3	Projectors	13,61,501	-	-	13,61,501	-	-	-	-	13,61,501	-	-
4	Scanners	76,700	-	-	76,700	27,612	-	9,818	20.0%	37,430	39,270	49,088
5	Network Equipments	1,32,23,522	-	-	1,32,23,522	1,31,03,588	-	23,987	20.0%	1,31,27,575	95,947	1,19,934
6	UPS Battery	6,45,928	-	-	6,45,928	8,45,928	-	-	0.0%	6,45,928	-	0.0%
7	Server	82,14,695	-	-	82,14,695	82,14,695	-	-	20.0%	82,14,695	-	-
<b>e Vehicle</b>												
1	Vehicle	98,93,494	25,54,425	-	1,24,47,919	30,42,250	-	10,40,567	10.0%	30,82,817	93,65,101	78,51,243
<b>f Building</b>												
1	Building	2,44,66,97,805	92,64,205	-	2,45,59,62,010	9,66,41,768	-	4,71,86,405	2.0%	14,38,28,173	2,31,21,33,837	2,35,00,56,037
2	External Development	7,61,91,798	2,40,500	-	7,64,32,298	30,17,195	-	14,68,302	2.0%	44,85,497	7,19,46,801	7,31,74,603
<b>Total (A)</b>												
		3,16,71,64,911	8,54,76,643	-	3,25,26,41,574	27,67,22,758	12,543	9,91,55,922		39,46,91,243	2,85,65,50,331	2,87,02,42,152
<b>B Capital Work In Progress</b>												
1	Building	80,82,59,596	1,02,57,29,119	-	1,83,39,88,715	-	-	-	0.0%	-	1,83,39,88,715	80,82,59,596
<b>Total (B)</b>												
		80,82,59,596	1,02,57,29,119	-	1,83,39,88,715	-	-	-	-	-	1,83,39,88,715	80,82,59,596
<b>C Intangible Assets (C)</b>												
1	Software	7,27,91,931	44,49,034	-	7,72,40,965	6,07,06,455	-	66,13,804	40%	6,73,20,259	99,20,706	1,20,85,476
2	E-Journals	3,15,67,534	-	-	3,15,67,534	2,46,04,742	-	27,85,117	40%	2,73,89,859	4,17,7675	69,62,792
3	E-Office	39,08,358	-	-	39,08,358	32,29,291	-	2,71,627	40%	35,00,918	4,07,440	6,79,067
4	License Fee Agreement	28,500	-	-	28,500	28,500	-	-	40%	28,500	-	-
5	Web Media Player	1,03,950	-	-	1,03,950	1,03,950	-	-	40%	1,03,950	-	-
6	Network Security Firewall	47,55,531	-	-	47,55,531	19,01,412	-	11,40,847	40%	30,45,240	17,11,271	28,52,119
<b>Total (C)</b>												
		11,31,53,804	44,49,034	-	11,76,02,838	9,05,74,351	-	1,08,11,395		10,13,85,746	1,62,17,092	2,25,79,453
<b>Grand Total (A+B+C)</b>		4,08,85,78,311	1,11,56,54,816	-	5,20,42,33,127	38,74,97,109	12,543	10,99,67,317		49,74,76,988	4,70,67,56,138	3,70,10,81,201

*[Signature]*  
Director  
NIT Delhi

*[Signature]*  
Registrar  
NIT Delhi

*[Signature]*  
Assistant Registrar  
NIT Delhi

*[Signature]*  
NIT Delhi  
Date: 18/04/2025  
Place: Delhi

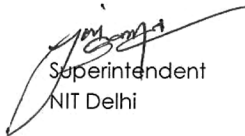


NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Investments From Earmarked/Endowment Funds

Schedule 5

S.No.	Particulars	Amount in Rs.			
		Current Year		Previous Year	
1	In Centre Government Securities	-		-	
2	In State Government Securites	-		-	
3	Other approved Securities	-		-	
4	Shares	-		-	
5	Debentures and Bonds	-		-	
6	Term Deposits with Banks	-		-	
7	Others (to be specified)	-	-	-	-
	<b>Total</b>		-		-

  
Superintendent  
NIT Delhi

  
Assst. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi




NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Investment Others

Schedule 6

S.No.	Particulars	Amount in Rs.			
		Current Year		Previous Year	
1	In Centre Government Securities	-		-	
2	In State Government Securites	-		-	
3	Other approved Securities	-		-	
4	Shares	-		-	
5	Debentures and Bonds	-		-	
6	Others (to be specified)	-	-	-	-
	<b>Total</b>		-		-

  
Superintendent  
NIT Delhi

  
Asst. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi




NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Current Assets

Schedule 7

Amount in Rs.

S.No.	Particulars		Current Year	Previous Year
<b>1</b>	<b>Inventories:</b>			
a)	Stores and Spares		-	-
b)	Loose Tools		-	-
c)	Publication		-	-
d)	Laboratory Chemicals, Consumable and Glass ware		-	-
e)	Building Material		-	-
f)	Electrical Material		-	-
g)	Stationery		8,41,941	14,35,936
h)	Water supply material		-	-
i)	Stock-in-trade		-	-
			8,41,941	14,35,936
<b>2</b>	<b>Sundry Debtors</b>	Annexure 'G'	46,14,044	1,02,64,244
<b>3</b>	<b>Cash balances in hand</b>			
a)	Imprest given to staff	Annexure 'E'	-	7,24,999
b)	Cash in hand		-	-
c)	Franking Machine Balance		4,058	4,058
			4,058	7,29,057
<b>4</b>	<b>4. Bank Balances:</b>			
a)	<b>With Scheduled Banks:</b>			
i)	Bank Of Maharashtra 2059		-	14,40,454
ii)	Bank Of Maharashtra 0188		8,54,599	-
iii)	Canara Bank Acc. No. 4075		3,27,80,891	1,05,282
iv)	Canara Bank Dir. NIT Fee 4077		2,78,65,109	3,45,03,766
v)	Canara Bank Dir. NIT BRNS PROJECT		-	63,470
vi)	Canara Bank 0108		46,116	44,604
vii)	Canara Bank Acc. No. 6538		-	1,77,301
viii)	Canara Bank 110186979409 (INCOIS Project) (3655)		5,42,433	-
ix)	Canara Bank 7460 - NIT DELHI ERDP-(4150)		40,40,770	-
x)	BoB Dir. NIT Delhi Endowment Fund A/c No. 6539		16,73,325	5,49,614
xi)	BoB Dir. NIT Delhi Projects A/c No. 6537		-	34,77,599
xii)	BoB Dir. NIT General A/c 6540		2,06,62,653	1,56,58,591
xiii)	BoB NIT Delhi A/c No. 6394		80,95,636	3,00,314
xiv)	BoB PIICON 2022		-	1,87,303
xv)	ICICI Bank - GIAN NIT DELHI A/C No.1889		16,45,368	861
xvi)	UBI bank A/c no. 1014		28,520	70,869
xvii)	ICICI bank A/c no. 1915		37,95,758	31,71,645
xviii)	SBI Acc. No. 4566		-	17,558
xix)	ICICI bank A/c no. 1801		16,54,82,866	2,07,32,991
xx)	ICICI Bank 461001000218		4,62,537	-
xxi)	RBI Account 10687701318 (4197-C2S Project)		1,25,166	-
xxii)	RBI A/C 1001(object head -31)		-	-
xxiii)	RBI A/C 1001(object head -35)		-	-
xxiv)	RBI A/C 1001(object head -36)		-	-
			26,81,01,746	8,05,02,221
b)	<b>Term Deposits</b>			
i)	With Canara bank	Annexure to Sch'7'	9,00,00,000	3,10,88,253
ii)	With Bank of Baroda	Annexure to Sch'7'	56,30,41,921	57,96,49,690
iii)	With ICICI Bank	Annexure to Sch'7'	36,80,95,497	29,93,09,575
			1,02,11,37,418	91,00,47,518
	<b>Total</b>		<b>1,29,46,99,207</b>	<b>1,00,29,78,976</b>

  
Superintendent  
NIT Delhi

  
Asst. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
Statements showing Investment details as on 31.03.2025

S.No.	FD No.	Bank Name	Date of FDR Made	Opening Balance	Accrued Interest as on 01.04.2024	Date of Addition	Addition	Interest Earned on FDR's during the year 2024-25	TDS refund by Bank	Interest Earned (Net of TDS) on FDR's during the year 2024-25	Matured/Encashed		Date of encashment/ Maturity	Maturity Amount	Intt. accrued as on 31st March 2025	Amount in Rs. FDRs Balance as on 31.03.2025
											Principal	Interest				
1	145000537132/1	Canara Bank	20-Sep-24	-	-	-	4,00,00,000	16,48,252	-	16,48,252	-	-	-	-	16,48,252	4,00,00,000
2	145000567665/1	Canara Bank	24-Feb-25	-	-	-	5,00,00,000	3,94,667	-	3,94,667	-	-	-	3,31,73,995	3,94,667	5,00,00,000
3	140108751665/1	Canara Bank	03-08-2023	3,10,88,253	3,84,472	-	-	17,00,570	-	17,00,570	3,10,88,253.00	20,85,042.00	-	-	-	-
5	30320300021462	Bank of Baroda	24-Jan-24	10,78,29,938	15,11,448	-	-	68,53,872	-	68,53,872	10,78,29,938	83,65,520	-	11,61,95,458	-	-
6	30320300021463	Bank of Baroda	24-Jan-24	10,78,29,938	15,11,448	-	-	68,53,872	-	68,53,872	10,78,29,938	83,65,520	-	11,61,95,458	-	-
7	30320300021464	Bank of Baroda	24-Jan-24	10,78,29,938	15,11,448	-	-	68,53,872	-	68,53,872	10,78,29,938	83,65,520	-	11,61,95,458	-	-
8	30320300021466	Bank of Baroda	24-Jan-24	10,78,29,938	15,11,448	-	-	68,53,872	-	68,53,872	10,78,29,938	83,65,520	-	11,61,95,458	-	-
9	30320300021468	Bank of Baroda	24-Jan-24	10,78,29,938	15,11,448	-	-	68,53,872	-	68,53,872	10,78,29,938	83,65,520	-	11,61,95,458	-	-
10	30320300022439	Bank of Baroda	23-Jun-23	5,00,000	28,609	-	-	37,834	-	37,834	-	-	-	-	25,684	5,40,759
11	30320300023011	Bank of Baroda	22-Sep-23	2,90,00,000	1,14,50,972	-	-	23,09,753	-	23,09,753	-	-	-	-	12,38,713	3,12,21,612
12	30320300023133	Bank of Baroda	09-Oct-23	1,10,00,000	3,79,548	-	-	8,23,668	-	8,23,668	-	-	-	-	8,23,668	1,13,77,548
13	214293000066520	Bank of Baroda	06-Feb-25	-	-	-	25,00,00,001	29,87,903	-	29,87,903	-	-	-	-	29,87,903	25,00,00,001
14	30320300025914	Bank of Baroda	04-Feb-25	-	-	-	6,00,00,000	7,51,774	-	7,51,774	-	-	-	-	7,51,774	6,00,00,000
15	30320300025915	Bank of Baroda	04-Feb-25	-	-	-	6,00,00,000	7,51,774	-	7,51,774	-	-	-	-	7,51,774	6,00,00,000
16	30320300025916	Bank of Baroda	04-Feb-25	-	-	-	5,00,00,001	6,26,479	-	6,26,479	-	-	-	-	6,26,479	5,00,00,001
17	30320300025997	Bank of Baroda	21-Feb-25	-	-	-	9,99,00,000	8,85,404	-	8,85,404	-	-	-	-	8,85,404	9,99,00,000
18	461013000104	ICICI Bank	20-Sep-23	3,60,00,000	14,04,100	-	-	27,96,935	-	27,96,935	-	-	-	-	27,96,935	3,74,04,100
19	461013000179	ICICI Bank	06-Mar-24	9,50,00,000	5,07,944	-	-	74,86,195	-	74,86,195	9,55,07,944.00	74,86,195	30-03-2025	10,29,94,139	-	-
20	461013000168	ICICI Bank	15-Feb-24	5,11,00,000	5,04,406	-	-	35,18,324	-	35,18,324	5,16,04,406.00	35,18,324.00	15-02-2025	5,51,22,730	-	-
21	461013000169	ICICI Bank	15-Feb-24	5,11,00,000	5,04,406	-	-	35,18,324	-	35,18,324	5,16,04,406.00	35,18,324.00	15-02-2025	5,51,22,730	-	-
22	461013000025	ICICI Bank	28-Apr-23	50,54,768	2,90,911	-	-	3,28,383	-	3,28,383	-	-	-	-	3,28,383	53,45,699
23	461013000026	ICICI Bank	28-Apr-23	50,54,787	2,90,911	-	-	3,28,383	-	3,28,383	-	-	-	-	3,28,383	53,45,698
24	461013000145	ICICI Bank	11-Dec-23	2,10,00,000	4,87,568	-	-	11,43,389	-	11,43,389	2,14,87,568.00	11,43,389.00	11-12-2024	2,26,30,957	-	-
25	461013000151	ICICI Bank	22-Dec-23	3,50,00,000	7,33,001	-	-	24,68,985	-	24,68,985	3,57,33,001.00	24,68,985.00	25-02-2025	3,82,01,986	-	-



26	461013000201	ICICI Bank	20-Sep-24	-	-	-	1570985	-	-	1570985	-	-	1570985	-	-	400000000	-	-	1570985	400000000
27	461013000220	ICICI Bank	04-Feb-25	-	-	-	347339	-	-	347339	-	-	347339	-	-	300000000	-	-	347339	300000000
28	461013000221	ICICI Bank	04-Feb-25	-	-	-	3080847	-	-	3080847	-	-	3080847	-	-	250000000	-	-	3080847	250000000
<b>Total</b>				<b>91,100,47,518</b>	<b>1,42,24,688</b>	<b>-</b>	<b>7,37,75,527</b>	<b>-</b>	<b>-</b>	<b>7,37,75,527</b>	<b>82,61,75,268</b>	<b>5,20,47,859</b>	<b>2,28,499</b>	<b>86,82,23,127</b>	<b>1,85,87,190</b>	<b>1,02,11,37,418</b>				

  
Superintendent  
NIT Delhi

Date: 18/06/2025  
Place: Delhi

  
Audit Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi



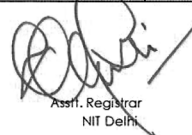
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Loans, s and Deposits

Schedule 8

S.No.	Particulars	Amount in Rs.			
		Current Year		Previous Year	
<b>1</b>	<b>Advances to Employee: ( Non Interest Bearing)</b>				
a)	Salary	-	-	-	-
b)	Festival	-	-	-	-
c)	For Expenses (Annexure 'F')	2,59,195	2,59,195	2,30,399	2,30,399
<b>2</b>	<b>Long Terms to Employee : ( Interest Bearing)</b>				
a)	Vehical Loan	-	-	-	-
b)	Home Loan	-	-	-	-
c)	Other to be Specified	-	-	-	-
<b>3</b>	<b>Advances and other amounts recoverable in cash or in kind or for value to be received:</b>				
a)	On Capital Accounts	-	-	-	-
b)	TCIL	1,67,58,77,863		1,13,45,82,628	
c)	Interest Free Mobilization to NBCC	1,54,59,914		2,47,24,119	
d)	Delhi GOVT	-		-	
e)	Employment News	-		-	
f)	Advance JRF- Fellowship ( Abhay Kumar)	-		1,24,320	
g)	Av Associates Bhilai ( Amount To Be Recovered)	16,226		16,226	
h)	DAVP ( Advance)	-		82,522	
i)	India Habitat Centre	114		2,28,228	
j)	Reliance Jio Infocomm Ltd. ( Advance)	1,250		1,250	
k)	Advance Salary to Outsources Employees Aug 2023	24,284		24,284	
l)	Indraprastha Gas Ltd. DD	118		118	
m)	IEE Delhi Section ( Advance)	57,200		57,200	
n)	Inderprastha Gas Ltd. ( CNG Debit Card)	40,001		1,912	
o)	ND Distributors Krishna Energies HP Gas Security	2,164		2,164	
p)	Pacemaker Solution ( GST on AMC Advance Payment	93,204		1,18,204	
q)	4th Convocation Ceremony 2024	18,14,489		-	
r)	Bharat Kosh	4,000		-	
s)	Ministry of Housing & Urban Affairs-Advance	1,28,109		-	
t)	Ministry of Housing & Urban Affairs (Security)	65,682		-	
u)	Security GEM Seller Account	25,000	1,69,36,09,618	25,000	1,15,99,88,175
<b>4</b>	<b>Prepaid Expenses</b>				
a)	E- Journals prepaid	-		-	
b)	Subscription Charges	-		25,055	
c)	Rent	-		3,15,000	
d)	Website & Domain charges	-		2,950	
e)	Insurance Expenses	11,320	11,320	16,385	3,59,390
<b>5</b>	<b>Deposits</b>				
a)	Telephone (MTNL)	10,000		10,000	
b)	Lease Rent(IAMR)	33,48,900		33,48,900	
c)	Security Deposit - TPDDL	6,38,331	39,97,231	6,38,331	39,97,231
<b>6</b>	<b>Accrued Income :</b>				
a)	On Investments from Earmarked/Endowment Funds	-		-	
b)	On Investments-Others	-		-	
c)	On Loan and	-		-	
d)	On Term Deposits	1,85,87,190		1,42,24,688	
e)	On saving Account	3,834	1,85,91,024	-	1,42,24,688
<b>7</b>	<b>Other - Current assets receivable from UGC/Sponsored Projects</b>				
a)	Debit balance in Sponsored Projects	-		-	
b)	Debit balance in Sponsored fellowship & Scholarships	-		-	
c)	Grant Receivable from Govt. of India (MHRD)	-		-	
d)	Other Receivable from UGC	-		-	
<b>8</b>	<b>Claims Receivable</b>				
a)	TDS Receivable	24,97,677		14,05,120	
b)	TCS Receivable	-		67,808	
c)	Others				
	- GST Cash Ledger balance	1,017	24,98,694	-	14,72,928
	<b>Total</b>		<b>1,71,89,67,082</b>		<b>1,18,02,72,811</b>

  
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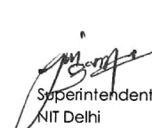
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Fee From Students

Schedule 9

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
<b>1</b>	<b>Academic</b>		
a)	Tuition Fee	10,89,53,915	8,45,77,131
b)	Admission Processing Fee	66,04,601	54,09,000
c)	Computer and Internet Fee	61,88,000	47,75,000
d)	Enrolments Fee	-	-
e)	Library Admission Fee	-	-
f)	Laboratory Fee	-	-
g)	Art and craft Fee	-	-
h)	Registration Fee	-	-
i)	Syllabus Fee	-	-
j)	Fee Received From Unregistered Students	-	-
	<b>Total (A)</b>	<b>12,17,46,516</b>	<b>9,47,61,131</b>
<b>2</b>	<b>Examinations</b>		
a)	Admission Test Fee	-	-
b)	Annual Exam Fee	-	-
c)	Mark Sheet, Certificate Fee & Transcripts	-	-
d)	Transcript & Transcript Certificate Charges	12,300	700
e)	Duplicate Marksheet Charges	5,400	800
f)	Make Up Exam Fee and Exam Mode Fee	11,95,100	8,67,600
	<b>Total (B)</b>	<b>12,12,800</b>	<b>8,69,100</b>
<b>3</b>	<b>Other Fees/Charges</b>		
a)	Identity Cards Fee	1,24,750	1,27,700
b)	Fine/Late fees/Miscellaneous Fee	10,46,103	7,66,093
c)	Students Certificate Charges	78,900	30,249
d)	Contingency Fees	7,33,000	12,40,000
e)	Original Degree Charges	99,000	19,000
f)	Processing charges (on security deposit refund to students)	2,87,000	2,19,000
g)	Postage charges from students	-	11,839
h)	Academic Verification Charges	7,200	51,815
i)	Study Mode Fees	-	-
j)	Photostate charges from students	2,76,279	2,74,979
k)	PHD Thesis Fees	17,75,000	2,50,000
l)	Convocation Fee	15,15,000	-
m)	Hostel Fee	4,90,50,750	4,05,35,622
	<b>Total (C)</b>	<b>5,49,92,982</b>	<b>4,35,26,297</b>
<b>4</b>	<b>Sale of Publication</b>		
a)	Sale of Admission forms	-	-
b)	Sale of Syllabus and Question Paper etc	-	-
c)	Sale of prospectus including admission forms	-	-
	<b>Total (D)</b>	<b>-</b>	<b>-</b>
<b>5</b>	<b>Other Academic Receipts</b>		
a)	Registration Fee for Workshop, Programme & Seminar &	-	-
b)	Registration Fee(Academic Staff College)	-	-
	<b>Total (E)</b>	<b>-</b>	<b>-</b>
	<b>Grand Total (A+B+C+D+E)</b>	<b>17,79,52,298</b>	<b>13,91,56,528</b>

  
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NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Grants / Subsidies (Irrevocable Grants Received)

Schedule 10

Particulars	GRANT-IN-AID			Current Year	Previous Year
	OH-31 (General)	OH 35 - (Creation of Capital Assets)	OH 36 - (Salary)		
Balance B/F	-	13,52,81,975	-	13,52,81,975	1,56,53,864
Add: Sanction during the year	25,84,00,000	1,63,90,00,000	19,74,00,000	2,09,48,00,000	1,46,16,00,000
Less: RBI TSA balance lapse as on 31.03.2025					-
Add: Unutilised Grant Transferred					-
Total	25,84,00,000	1,77,42,81,975	19,74,00,000	2,23,00,81,975	1,47,74,18,576
Less: Refund to UGC					-
Balance	25,84,00,000	1,77,42,81,975	19,74,00,000	2,23,00,81,975	1,47,74,18,576
Less: Utilised for Capital expenditure (A)	-	1,10,91,34,843	-	1,10,91,34,843	97,94,28,996
Less: utilized for Revenue Expenditure (B)	28,75,81,082	-	19,27,57,705	48,03,38,787	36,27,07,605
Less: Adjustment for expenditure recouped**	-	-	46,42,295	46,42,295	-
<b>Balance C/F (C)</b>	<b>(2,91,81,082)</b>	<b>66,51,47,132</b>	<b>(0)</b>	<b>63,59,66,050</b>	<b>13,52,81,975</b>

Amount in Rs.

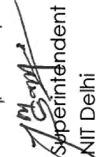


  
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\*Balance in OH -35 Given as advance for Capital Expenditure for institute campus.  
\*\*Salary expenditure for the month of March 2024 paid in April 2024. Hence amount recouped in April 2024.

  
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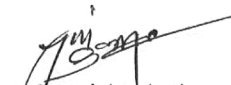
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Income from Investments

Schedule 11

Amount in Rs.

S.No.	Particulars	Earmarked Fund/Endowments		Other Investments	
		Currents year	Previous year	Currents year	Previous year
1	Interest				
	a) On Govt. Securities	-	-	-	-
	b) Other Bonds/Debentures	-	-	-	-
2	Interest on FDRs (Incl. Auto Sweep) - IRG	-	-	5,51,90,297	4,47,73,811
	Interest on FDRs (Incl. Auto Sweep) - Non-TSA Fund			-	-
	Less: Interest transferable to Ministry			-	-
3	Income Accrued but not received on term deposits (Incl. Auto Sweep)	-	-	1,85,87,190	1,42,24,688
4	Others (Specify) - Interest On Income Tax Refund	-	-	-	5,952
	<b>Total</b>	-	-	<b>7,37,77,487</b>	<b>5,90,04,451</b>
	<b>Transferred To Earmarked/Endowment Funds</b>	-	-	-	-
	<b>Balance</b>	-	-	<b>7,37,77,487</b>	<b>5,90,04,451</b>

  
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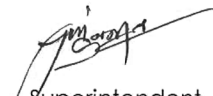
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Interest Earned

Schedule 12

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
<b>1</b>	<b>On Savings Accounts:</b>		
a)	With Scheduled Banks	31,02,939	19,49,980
	Less: Transferred to Projects/scholarship amount	(1,12,680)	(1,13,996)
<b>2</b>	<b>On Loans:</b>		
a)	Employees/Staff	-	-
b)	Others	-	-
<b>3</b>	<b>Interest on Debtors and Other Receivables</b>		
a)	With Non-Scheduled Banks	-	-
b)	Post Office Savings Accounts	-	-
c)	Others	-	-
	<b>Total</b>	<b>29,90,259</b>	<b>18,35,984</b>

  
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NATIONAL INSTITUTE OF TECHNOLOGY DELHI


Other Income

Schedule 13

S.No.	Particulars	Amount in Rs.	
		Current Year	Previous Year
<b>A</b>	<b>Income from Land &amp; Buildings</b>		
1	Hostel Room Rent	-	-
2	License fee	1,34,748	75,800
3	Hire Charges of Auditorium/Play ground/Convention Centre, etc	-	-
4	Electricity charges recovered	7,92,056	5,99,153
5	Water charges recovered.	-	-
	<b>Total A</b>	<b>9,26,804</b>	<b>6,74,953</b>
<b>B</b>	<b>Sale of Institute's publications</b>	-	-
<b>C</b>	<b>Income from holding events</b>		
1	Gross Receipts from annual function/ sports carnival	-	-
	Less: Direct expenditure incurred on the annual function/ sports carn	-	-
2	Gross Receipts from fetes	-	-
	Less: Direct expenditure incurred on the fetes	-	-
3	Gross Receipts for educational tours	-	-
	Less: Direct expenditure incurred on the tours	-	-
4	Others (to be specified and separately disclosed)	-	-
	<b>Total C</b>	<b>-</b>	<b>-</b>
<b>D</b>	<b>Others</b>		
1	Income from consultancy	-	-
2	RTI fees	62	-
3	Income from Royalty	-	-
4	Application Fees (Recruitment)	10,98,765	24,71,100
5	Misc. receipts (Sale of tender form, waste paper, etc.)	3,567	10,400
6	Profit on sale/disposal of Assets		
a)	Owned Assets	-	-
b)	Assets received free of cost	-	-
7	Grants/Donations from Institutions, Welfare Bodies and International Organizations	-	-
8	Others		
a)	ID card Charges (Other than from students)	200	200
b)	Income from Guest House	11,65,490	4,92,514
c)	Bus Charges	4,464	16,500
d)	Other Income	4,71,253	11,26,271
e)	Late Delivery, Penalty etc.	4,14,906	12,44,494
f)	Vehicle Charges Recovery	97,586	59,266
g)	PHD Application Fees	4,39,600	51,200
h)	Institute overhead charges from various project/programmes	7,10,323	3,70,757
l)	Notice Period Recovery	-	19,383
j)	Gratuity Amount of transferred Faculty Member	-	11,28,771
k)	Leave Salary of Transferred Member	-	1,67,955
l)	Rent Income	11,76,164	7,08,502
	<b>Total D</b>	<b>55,82,380</b>	<b>78,67,313</b>
	<b>Grand Total (A+B+C+D)</b>	<b>65,09,184</b>	<b>85,42,266</b>

  
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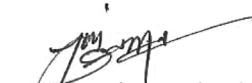
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**Prior Period Income**

**Schedule 14**

**Amount in Rs.**

<b>S.No.</b>	<b>Particulars</b>	<b>Current Year</b>	<b>Previous Year</b>
1	Academic Receipts	1,39,600	7,85,154
2	Income from Investments	-	-
5	Interest earned	33,493	-
4	Interest on Income tax refund	23,059	-
5	License Fee	-	-
6	Prior Period Income -Rent	2,32,535	5,16,972
7	Prior Period Income -Reversed	(84,746)	(1,64,712)
8	Prior Period Income - Electricity Ch	10,161	-
9	Prior Period Income - Misc Income	9,307	-
	<b>Total</b>	<b>3,63,409</b>	<b>11,37,414</b>

  
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**Place: Delhi**

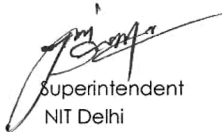


NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Staff Payments & Benefits (Establishment Expenses)

Schedule 15

		Amount in Rs.	
S.No.	Particulars	Current Year	Previous Year
1	Salaries and Wages		8,00,63,943
	-Teaching Staff	12,79,39,875	-
	-Non Teaching Staff	3,42,40,490	-
2	Allowances and Bonus	-	6,27,63,697
3	Employer Contribution to CPF	-	-
4	Contribution to Other Fund (NPS Employer Share)		1,53,63,475
	-Teaching Staff	1,32,26,169	-
	-Non Teaching Staff	36,69,565	-
5	Staff Welfare Expenses	50,000	-
6	Retirement and Terminal Benefits	2,21,65,196	1,13,25,993
7	LTC	7,13,646	11,89,800
8	Medical facility	41,88,647	25,17,800
9	Children Education Allowance	13,58,754	14,02,800
10	Honorarium	-	-
11	Others	-	-
a)	CPDA	10,64,718	15,16,391
	Composite Transfer Grant and	67,466	-
b)	Relocation Expenses		
c)	DA Arrear	-	19,03,040
d)	Earned Leave Encashment	3,14,607	6,40,220
e)	Gratuity Expenses	15,40,151	-
	Leave salary & Pension Contribution	43,64,121	16,63,970
f)			
g)	EPF Contribution	92,259	-
	<b>Total</b>	<b>21,49,95,664</b>	<b>18,03,51,129</b>

  
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NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Employees' Retirement And Terminal Benefits

Schedule 15A

Amount in Rs.

S.No.	Particular	Pension	Gratuity	Leave Encashment	Total
1	Opening Balance as on 01.04.2024	-	2,55,69,342	5,04,70,855	7,60,40,197
2	Addition: Capitalized value of Contributions Received from other Organizations	-	-	-	-
3	Less: Actual Payment during the Year (b)	-	-	-	-
4	Balance Available on 31.03.2025 [c = (a-b)]	-	2,55,69,342	5,04,70,855	7,60,40,197
5	Provision required on 31.03.2025 (d)	-	3,22,91,751	6,59,13,642	9,82,05,393
A.	Provision to be made in the Current year [(d-c)]	-	67,22,409	1,54,42,787	2,21,65,196
B.	Contribution to New Pension Scheme & CPF	-	-	-	-
C.	Medical Reimbursement to Retired Employees	-	-	-	-
D.	Travel to Hometown on Retirement	-	-	-	-
E.	Deposit Linked Insurance Payment	-	-	-	-
	<b>Total (A+B+C+D+E)</b>	-	<b>67,22,409</b>	<b>1,54,42,787</b>	<b>2,21,65,196</b>

  
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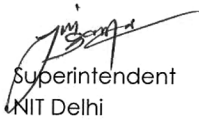


NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Academic Expenses

Schedule 16

S.No.	Particulars	Amount in Rs.	
		Current Year	Previous Year
1	Laboratory expenses	13,19,443	15,37,038
2	Field work/Participation in Conferences	-	1,78,000
3	Expenses on Seminars/Workshops	-	-
4	Sitting Fees - visiting experts	9,14,681	8,99,122
5	Examination	-	-
6	Student Welfare Expenses	-	-
7	Admission expenses	-	-
8	Convocation expenses	-	-
9	Hostel Expenses (Accommodation Exp)	1,34,551	54,728
10	Publications	-	-
11	Stipend/means-cum merit Scholarship	-	-
12	Subscription Expenses	9,487	-
13	Sports Expenses	1,27,406	10,43,229
14	Training and Placement Expenditure	5,63,383	-
	<b>Others (specify)</b>		
15	Library Expenses	92,39,943	3,31,482
16	Academic Expenses	3,13,775	46,132
17	Travelling Exps - visiting experts	4,65,423	6,60,460
18	Transcript Expenses	14,278	22,066
	<b>Total</b>	<b>1,31,02,370</b>	<b>47,72,257</b>

  
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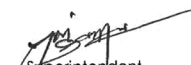
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Administrative and General Expenses

Schedule 17

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
<b>1</b>	<b>Infrastructure</b>		
a)	Electricity and power	4,83,37,672	3,62,91,841
b)	Water charges (Including License Fees)	9,50,891	9,08,634
c)	Insurance	-	-
d)	Rent, Rates and Taxes (including property tax)	4,79,12,055	4,01,11,652
<b>2</b>	<b>Communication</b>		
a)	Postage, Telephone, Fax and Internet Charges	19,90,675	22,76,337
<b>3</b>	<b>Expenses on Contractual &amp; Outsourced Employees</b>		
a)	Salary to Contractual Staff	1,51,17,835	87,52,186
b)	Outsourced Employees Expenses	4,02,83,994	3,13,61,855
<b>4</b>	<b>Fest Expenses</b>		
a)	Zeal 2023	-	2,88,150
b)	Work Shop/seminar/conference/Cultural Exps.	7,33,496	9,82,920
<b>5</b>	<b>Others</b>		
a)	NIT Transit House Contribution	3,50,000	3,50,000
b)	Professional Charges (Incl. Sitting Fees)	24,54,827	38,83,747
c)	Printing and Stationery	32,68,094	20,88,190
d)	Travelling and Conveyance Expenses	10,01,504	8,73,815
e)	Stipend (Incl. Post Doctoral Fellowship)	5,83,19,093	3,59,73,803
f)	Auditors Remuneration	1,82,875	89,800
g)	Statutory Bodies Meeting and Various Meeting	-	92,596
h)	Security Expenses	1,68,33,675	1,63,26,976
i)	E- Journals & Periodical Subscription Fee	35,75,460	87,45,298
j)	Campus Shifting charges	5,09,099	-
k)	Misc Exp	2,52,153	6,52,911
l)	Misc Exp (IRG)	5,50,257	83,867
m)	Rajbhasha Exp	-	2,40,000
n)	Late Fee, Interest & Others-GST	9,961	13,537
o)	Advertisement and Publicity	2,36,762	57,403
p)	News Paper, Magazines etc	23,630	14,635
q)	Boarding & Lodging and Guest House Expenses	1,60,162	2,310
r)	Website related expenses	36,065	37,337
s)	AMC Charges	22,28,567	11,50,380
t)	DSC Expenses	2,000	7,406
u)	Housekeeping Expenses	4,08,588	1,96,126
v)	Refreshment	9,37,513	7,99,296
w)	Orientation Programme Expenses (IRG)	4,09,273	3,95,408
x)	Horticulture Expense	6,44,748	2,62,939
y)	E-Office Recurring Expenses	6,04,430	3,95,842
z)	Patent Registration Exp	6,29,062	-
aa)	Other Expenses (Admin)	3,11,428	6,45,033
ab)	Recruitment Expenses	37,16,961	21,61,257
ac)	Generator Running Expense	22,26,435	3,88,784
ad)	Sports Expenses (Admin)	91,089	18,000
ae)	Honorarium -Admin	-	-
	<b>Total</b>	<b>25,53,00,327</b>	<b>19,69,20,271</b>

  
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NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Transportation Expenses

Schedule 18

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
<b>1</b>	<b>Vehicles (owned by institution)</b>		
a)	Running expenses	7,57,837	6,18,384
b)	Repairs & maintenance	2,55,776	-
c)	Insurance expenses	1,39,191	1,61,629
<b>2</b>	<b>Vehicles taken on rent/lease/Hiring</b>		
a)	Rent/lease expenses/Hiring	19,78,121	8,38,876
b)	Running expenses	-	4,05,535
	<b>Total</b>	<b>31,30,926</b>	<b>20,24,423</b>

  
Superintendent  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi




NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Repairs & Maintenance

Schedule 19

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
1	Estate & Building Maintenance	58,54,910	31,84,968
2	Furniture & Fixture	25,690	-
3	Plant & Machinery	-	-
4	Office Equipments	79,44,072	10,96,795
5	Computer	1,87,626	11,57,138
6	Laboratory & Scientific Equipments	-	-
7	Audio Visual Equipments	-	-
8	Cleaning Material & Services	1,18,349	59,884
9	Books Binding Charges	-	-
10	Gardening	-	-
11	Electricity and Electric Repair	27,29,422	2,85,759
	<b>Total</b>	<b>1,68,60,069</b>	<b>57,84,544</b>

  
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NIT Delhi

  
Registrar  
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Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Finance Costs

Schedule 20

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
1	Bank Charges (IRG)	16,135	21,745
	<b>Total</b>	<b>16,135</b>	<b>21,745</b>

  
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Registrar  
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Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi

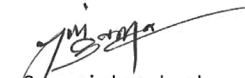


NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Other Expenses

Schedule 21

S.No.	Particulars	Amount in Rs.	
		Current Year	Previous Year
1	Provision for Bad and Doubtful Debts/Advances	-	-
2	Irrecoverable Balances Written - off	-	-
3	Grants/Subsidies to other institutions/organizations	-	-
4	<b>Others (specify)</b>		
	Blood Donation Camp Expenses	-	-
	Plant Acquisition	-	-
	<b>Total</b>	-	-

  
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Director  
NIT Delhi

Date: 18/06/2025

Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Prior Period Expenses

Schedule 22

S.No.	Particulars	Amount in Rs.	
		Current Year	Previous Year
1	Establishment expenses	-	(1,64,712)
2	Academic expenses	-	-
3	Administrative expenses	1,21,919	17,72,252
4	Repair & Maintenance-Computer	25,000	-
	<b>Total</b>	<b>1,46,919</b>	<b>16,07,540</b>

  
Superintendent  
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Asstt.Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025

Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

List of Creditors as on 31.03.2025

Annexure 'A'

Creditors For Goods

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
1	Batten Engineering India Pvt. Ltd.	-	31,680
2	Har Shree Nath	-	35,027
3	Lakshmi Industries	-	20,62,541
4	Mifutoyo South Asia Pvt. Ltd.	-	9,20,867
5	M/s Kirat Sales	-	18,000
6	M/s Krishna Meditech	-	1,10,320
7	Nanak Art	-	13,098
8	Rk Scientific & Engg. Works	-	3,48,356
9	Netweb Technologies	2,131	-
10	Prateek Computer Peripherals	12,992	-
	<b>Total</b>	<b>15,123</b>	<b>35,39,889</b>

Creditors-Others

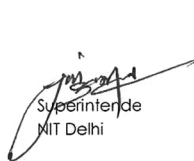
S.No.	Particulars	Current Year	Previous Year
1	AGK & Associates	-	43,200
2	Ajay Kumar Crs For Exp	-	70,50,563
3	Akkashh Bhardwaj	-	11,285
4	Akshay Enterprises	922	4,91,968
5	Amit Jyoti Power Electricals	45,099	-
6	Amit Kumar Singh Crs for Exp	1,376	-
7	Amit Kumar Tiwari Crs for Exp	1,200	-
8	Amit Mahajan (Crs for Exp)	11,008	-
9	Amul Parlour ( Garima Anand)	-	16,584
10	Anuj Kuntal	-	4,000
11	Anil Amina (Crs for Exp)	9,000	9,000
12	Anil Kumar (Ex-MIS)	2,310	2,310
13	Anil Kumar Poonia Library Trainee	20,000	-
14	Anshu Sharma Crs for Exp	3,000	-
15	Anurag Singh (Crs for Exp)	-	1,74,605
16	Aarti Jain AFQPJ7317E	2,250	-
17	Apama Tripathi Stipend	700	-
18	Arun Kumar ( O.A) Crs For Exp.	-	4,000
19	Avantech Engineering Consortium Pvt. Ltd.	-	12,040
20	Avantech Engineering Consortium Pvt. Ltd.(Haryana)	560	-
21	A.V. Associates	1,43,839	24,490
22	A Square Structural Consultants	1,38,390	-
23	Bharat Singh Crs For Exp	1,950	1,950
24	B. K Khanuja (Crs for Exp)	5,400	-
25	BHEL Corporate Office	-	9,000
26	Central Bureau of Communication	53,076	-
27	Darakshan Crs For Exp	3,000	3,000
28	Delhi Jal Board Creditor For Exp	14,125	14,125
29	Delhi Pollution Control Committe	6,00,000	-
30	Debtors For Consultancy	14,09,095	41,14,286
31	Dharmendra Kumar Jhariya Crs. for Exp	1,376	-
32	Dr. Amandeep Kaur Crs for Exp	2,752	-
33	Dr. Gunjan Crs for Exp	2,752	-
34	Dr. Mahesh Kumar Singh Exp. for Crs	1,376	-
35	Dr. Sahil Crs for Exp	11,008	-
36	Dr. Sunil Experts	13,441	-
37	Dr. Vivek Shrivastava Crs For Exp	-	27,864
38	Edutek equipments ( I) Pvt. Ltd.	-	2,14,004
39	Edutech India Pvt. Ltd.	-	46,54,098
40	M/s Firoz Khan	4,33,551	-
41	Frank Copier Pvt. Ltd	2,10,925	2,10,925
42	Galaxy Interior	16,309	-



43	Ganga Hindi Translator Crs for Exp		37,929	-
44	Garima Sivastava AKAPG6265F		2,250	-
45	Geeta Sikka (Crs for Exp)		12,790	-
46	Gupta Printing & Stationary Service		-	60,480
47	Hardeep Singh Crs For Exp		-	12,597
48	Hariom Yadav Consultant Salary		1,46,523	-
49	Himanshu Bamotra Crs. for Exp		4,000	-
50	HK Café		8,431	348
51	International Book Center		-	1,67,561
52	ITI Limited		-	1,93,956
53	Jain Chemico (Crs for Exp)		56,201	-
54	Jeannypr Softech Pvt Ltd		2,40,420	-
55	Jitender Singh Bisht Cred for Exp		1,060	-
56	Jyoteesh Malhotra Cred for Exp.		6,880	-
57	Kapil Kumar Crs For Exp		4,128	96,837
58	Krishan Pal Crs For Exp		14,020	5,000
59	Krishan Pal (Debtor)		1,300	-
60	Lion India Limited		-	13,99,322
61	Lov Kumar Dubey Creditor For Exp		-	6,000
62	Major Gen N K Dhir (Crs for Exp)		4,000	-
63	Manisha Singh		21,134	28,747
64	Manish Verma Crs for Exp		4,128	-
65	M/s Gian P. Mathur & Associates Pvt. Ltd.		-	22,020
66	M/s Sandeep Kumar Govt. Contractor		-	1,15,830
67	Manoj Kumawat (Crs for Exp)		1,376	-
68	M/s K&S Engineering Works		69,732	-
69	M/s MJK India		2,93,026	-
70	M/S Pashupati Nath Resorts Pvt Ltd (Tivoli)		72,833	-
71	Mukul Nakra Crs For Exp		-	6,789
72	Nar Bahadur Crs For Exp		-	4,000
73	NILERD		70,79,189	28,72,923
74	Nilabh Garg		-	20,000
75	Nitin Singh Singha		1,376	-
76	Obbu Chandra Sekhar Crs for Exp		832	-
77	Paras Ram (Crs for Exp)_AAQPR6786A		11,296	-
78	Pawan Kumar Sharma Tour and Travels		20,530	-
79	Pragya Yadav Crs for Exp		3,110	-
80	Palm Green		14,125	14,125
81	Pranjal Gaur Crs For Exp		8,322	5,000
82	Pratibha Library Trainee		20,000	-
83	Praveen Kumar MTS		-	4,000
84	Pravesh Kumar Ranga Crs for Exp		4,800	-
85	Preeti Verma Crs for Exp		1,376	-
86	Prof. A. K. Paul Crs for Exp.		27,000	-
87	Prof. Hitesh Sharma Crs. for Exp		15,136	-
88	Prof. Manoj Kumar ECE Crs for Exp		11,008	-
89	Prof. Ajay Kumar Sharma crs For Exp		-	3,71,264
90	Prof. Uma Rani		3,600	3,600
91	Punia bansal Crs For Exp		4,800	4,000
92	Pushkar Rawat Crs for Exp		4,000	-
93	Rahul Kumar Meena Crs for Exp		1,376	-
94	Rahul Pa Crs For Exp		9,065	6,000
95	Rajesh Kumar Driver		-	4,000
96	Rakesh Narang Crs For Exp		19,200	3,961
97	Ramashish Crs For Exp		-	34,650
98	Ravinder Kumar Crs for Exp		1,826	1,54,309
99	Ravi Bhushan		-	20,000
100	Rohit Crs For Exp		-	5,000
101	Reliance Communication Ltd		-	-
102	Recruitment Fees Debtors		-	7,000
103	Rikmantra Basu CRS for Exp.		11,008	-
104	RK Aggarwal Motors Private Limited		66,068	-
105	Sachin Aggarwal (Crs for Exp)		1,376	-
106	Sachin Singh Crs for Exp		1,376	-
107	Sajal Gupta JE Crs for Exp		480	-



108	Sandeep Kumar (Crs for Exp)		11,008	-
109	Sanko Network		-	-
110	Satyendra K Mishra Crs For Exp		2,400	2,400
111	Sek Kabir		-	6,000
112	Shanker Raju ABWPR2451D		29,700	-
113	Shyam Kishore Cook Crs For Exp		-	4,000
114	Siddharth Acharya and Associates		2,000	-
115	Sonu Ex MTS		2,310	2,310
116	Srinivas Babu		-	20,000
117	Sumit Goyal OA Crs For Exp		-	4,000
118	Surender Kumar Crs for Exp		6,000	-
119	Sweety DST Inspire Project		19,477	-
120	Tripti OA Crs For Exp		-	10,000
121	Udit Sharma Crs For Exp		-	5,000
122	Upasna Baweja		-	1,420
123	Ved Singh Nirwal		-	154
124	Veg morning Fresh		-	70
125	Veils India ( P ) Ltd.		-	1,56,761
126	Vijay Taxi		12,129	-
127	Vivek Travels Pvt Ltd		2,32,300	-
128	Vladimir Mazalov Crs for Exp.		20,425	20,425
129	ZYE Enterprises		-	10,83,045
130	Bank of Baroda (Debtor)		23,848	-
	<b>Creditor for Sifting Fees</b>			
131	Binod Kumar Kanaujia (Sifting Fees Crs)		20,538	-
132	Dr. Amandeep Kaur		3,618	-
133	Dr Neena Sinha_BOYPS2610P		7,578	-
134	Dr Neetesh Purohit_AHQPP3565Q		10,800	-
135	Dr Pradeep Kumar Suti_AAAPS6450J		5,400	-
136	Dr Rajat Aggarwal_AEPPA0590N		11,869	-
137	Dr Ravi Sharma_ADYPS3647L		19,000	-
138	Dr. T.K. Jindal ACXPJ1613P		20,100	-
139	Kumar Sambhav Pandey ABQPP9529E		10,800	-
140	Nirender Dev AADPD7860J		5,782	-
141	Prof Manju Bala AJLPB6924G		14,421	-
142	Prof. R Rama Kishore AMWPK5129N		2,250	-
143	S. Chandra Sekhara Rao_AECPRO958L		7,400	-
144	Shashi K Dhiman ADTPK5638C		20,250	-
145	Sunita Shrivastava AMCP58391J		11,730	-
146	Baldev Setia ABZPS8420L		28,560	-
147	Rashmi Gupta AIQPG2364M		2,250	-
148	Virender Singh ARIPS4329M		40	-
149	Deepak Singh-Sitting Fees		-	3,592
150	K. L Singla-Sitting Fees		-	7,200
151	Vijai Shanker Verma-Sitting Fees		7,659	6,381
152	Vijander Singh-Sitting Fees		-	5,100
153	Kapil Kumar (Advance)		3,500	3,500
154	Mukul Nakra (Advance)		-	25,000
155	Jitender Singh Bisht		270	-
	<b>Total</b>		<b>1,20,79,638</b>	<b>2,41,08,974</b>

  
Superintendent  
MIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



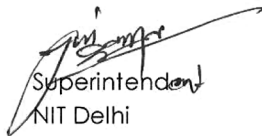
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

List of Statutory Dues as on 31.03.2025

Annexure 'B'

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
1	CGST TDS	61,551	1,83,258
2	IGST TDS	39,955	1,64,493
3	SGST TDS	61,551	1,83,258
4	CGST Payable	2,24,763	1,52,989
5	IGST Payable	10,34,896	7,96,682
6	SGST Payable	2,24,763	1,52,990
10	TDS on Salary 192B	42,10,572	1,99,437
11	TDS on Contract 194C	47,14,935	1,93,366
12	TDS on Rent 194I	5,94,438	5,73,992
13	TDS on Professional 194J	3,83,011	3,00,514
14	TDS 194Q	2,324	8,495
15	NPS Payable (Both Employer & Employee)	27,02,930	23,27,378
16	GPF Payable	34,495	68,074
17	GIS Payable	79,652	88,398
18	Labour Cess Payable	3,45,512	47,122
19	EPF Payable	63,954	-
	<b>Total</b>	<b>1,47,79,302</b>	<b>54,40,446</b>

  
Superintendent  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025

Place: Delhi



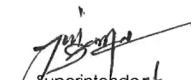
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Detail Of Outstanding as on 31.03.2025


Annexure 'C'

Amount in Rs.

S.No.	Particulars	Current Year		Previous Year	
1	E-Journal Expense	-		10,30,777	
2	Electricity Exp	29,89,050		63,480	
3	Internet Charges	4,13,000		4,63,150	
4	Other Payable	90,058		1,24,687	
5	Professional Charges	88,500		1,06,200	
6	Salary Outsourcing Staff	31,37,194		26,36,556	
7	Salary and Wages Contractual	14,40,166		6,58,113	
8	Security Exp.	30,40,342		-	
9	Sports & Creative Arts Society Payable	1,82,000		1,73,500	
10	Stipend Of Phd	41,10,018		22,24,259	
11	Stipend Of Mtech	9,23,140		8,22,674	
12	Stipend - Post Doctoral Fellowship	7,39,917		1,99,974	
13	AMC Charges	12,73,907		6,96,543	
14	Rent Payable	35,07,557			
15	Telephone Exp	8,850	2,19,43,699	8,850	92,08,763
	<b>Establishment Expenses Payable</b>				
16	Salary Payable	1,11,59,264		1,12,20,926	
17	Leave Salary & Pension Contribution	3,23,005		-	
18	Dr. Ajay K. Sharma Deductions Payable	2,957		5,041	
19	Geeta Sikka Deductions Payable	50		100	
20	Ravinder Kumar Payable	-	1,14,85,276	800	1,12,26,867
	<b>Project Expenses Payable</b>				
21	SERB Dr Rikmantra Basu Pyable (CRG/2020/002966)	-		25,593	
					25,593
	<b>Other Payable</b>				
22	TDS Amount Reimbursable	7,000		7,000	
23	Amount un-identified	-	7,000	2,86,738	2,93,738
	<b>Total</b>		<b>3,34,35,975</b>		<b>2,07,54,961</b>

  
Superintendent  
NIT Delhi

  
Asst. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Details of Earnest Money Deposit and Other Security Deposits

Annexure 'D'

A) Details of Earnest Money Deposit

S.No.	Particulars	Amount in Rs.	
		Current Year	Previous Year
1	Ashok Kumar EMD	10,000	10,000
2	Alumax Architectural System ( EMD)	1,26,850	1,26,850
3	Audsy Engineering & Marketing Pvt. Ltd. EMD	23,600	23,600
4	Balka Furnishers EMD	4,000	4,000
5	Blue Star Limited	-	5,97,821
6	Coreel Technologies EMD	-	1,11,746
7	Dspace India Solutions Pvt. Ltd. EMD	75,520	2,07,680
8	Entuple Technologies EMD	-	66,080
9	Ergo Dyanamix EMD	10,000	10,000
10	Elther Engineers EMD	23,155	-
11	Frank Copier Private Limited	-	58,672
12	Galaxy Enterprises EMD	3,000	3,000
13	Indo Mep Contractor and Engineers (EMD)	53,728	-
14	Jai And Rajat Medical Pvt. Ltd. EMD	-	64,440
15	Jain Furniture EMD	2,100	2,100
16	Jupitor Electronics & Telecom Systems EMD	14,179	14,179
17	KNBT Pvt. Ltd. EMD	66,080	66,080
18	MG Automation Technologies EMD	-	1,11,746
19	Monotech System Ltd (EMD)	-	77,290
20	Neotel EMD	10,000	10,000
21	NET PRO INDIA	10,000	10,000
22	Net Web Technologies	11,000	11,000
23	NIT Delhi Mess EMD	50,000	50,000
24	Power Solutions EMD	14,179	14,179
25	Revine Technologies Pvt. Ltd.	-	66,080
26	Sahni Associates EMD	4,000	4,000
27	Satish Brothers EMD	28,320	64,440
28	Shree Balaji Furnishers EMD	3,100	3,100
29	Star Fabricator	36,565	36,565
30	Sulabh International Social Service Org. EMD	33,496	33,496
31	TEMFLO Systems Private Limited EMD	28,320	1,99,432
32	Technosys Systems EMD	35,636	-
33	T K Meena EMD	6,000	6,000
34	Trinity Microsystems Pvt Ltd-EMD	31,860	-
35	Top Land EMD	16,000	16,000
36	Unisafe Systems India Pvt. Ltd.	-	64,440
37	ZYE Enterprises EMD	19,057	-
	<b>Total (A)</b>	<b>7,49,745</b>	<b>21,44,016</b>

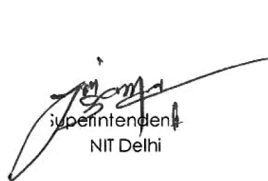
B) Details of Other Security Deposit

S.No.	Particulars	Current Year	Previous Year
1	Aerochem Enviro Engineering Pvt Ltd Security Dep	20,273	-
2	Akshay Enterprises ( Security Deposit)	27,395	18,520
3	Alumax Architectural System Security Deposit	63,424	-
4	Amit Jyoti Power Electricals Security Deposit	2,400	-
5	Arya Electricals and Electronics (Security Deposit)	7,921	-
6	Avis India EMD	1,77,018	-
7	Baljeet Builders & Interior Decorators Security Dep	35,291	-
8	Bengal Battery Co. Performance Security	9,720	9,720
9	Blue Star Limited Security Deposit	1,15,408	-
10	Bridge People Technology P Ltd ( Perfo. Security)	40,437	40,437
11	Capital Books Private Ltd. Security Deposit	20,000	20,000
12	Crashfire Services Delhi Security Deposit	5,529	-
13	DAIKIN Air Conditioning India Pvt. Ltd. Security Deposit	-	4,385
14	Dezign Interio-Arch Solutions Security Deposit	6,391	6,391
15	Emperia Energy Pvt Ltd- Security Deposit	5,679	-
16	Firoz Khan-Security Deposit	25,566	-



17	Gauri Enterprises- Security Deposit		10,815	-
18	International Book Centre (Performance Security )		20,000	20,000
19	Jagdamba Engineering System Security Deposit		5,731	-
20	Jay Instruments & Systems (Performance Security)		47,200	-
21	JILIT Ltd		2,02,248	2,02,248
22	Kuber Build Tech Security Deposit		-	50,000
23	K&S Engineering Works Security Deposit		1,01,920	-
24	Mikroz Info Security P. Ltd.		39,805	39,805
25	Mitutoyo South Asia Pvt. Ltd. Security Deposit		49,347	49,347
26	MJK India-Security Deposit		7,797	-
27	M/s Aerobe Pvt. Ltd. Security Deposit		-	1,00,281
28	M/s ITI Limited performance security		-	12,955
29	M/s Lakshya Signages Performance Security		80,890	80,890
30	M/s sandeep Kumar ( Govt. Contractor) Security Deposit		1,646	1,646
31	National Construction & Co. ( Security Deposit)		-	3,329
32	New Yadav Tourist Security Deposit		25,000	25,000
33	Performance Security		2,09,809	2,09,809
34	Research India		2,820	2,820
35	Rizwan Ahmed-Security Deposit		2,959	-
36	R. K. Electricals Security		12,375	-
37	Royal Signages Security Deposit		2,621	2,621
38	Sahni Associates Security		16,238	16,238
39	Gaussian Optixs Pvt. Ltd.		16,230	16,230
40	Altem Technologies Pvt Ltd (Performance Security)		1,59,149	1,59,149
41	Premier Trading Corporation (Performance Security)		16,451	16,451
42	Prime Power Engineers (Security Deposit)		37,947	-
43	Sai Vending Services Pvt Ltd		40,000	40,000
44	Sandvic Components Security		46,095	46,095
45	Sankaram Engineers Pvt Ltd Security Deposit		9,013	-
46	Simulation Technology P Ltd (Performance Security)		25,200	25,200
47	Security Deposit (Veg Morning Fresh)		50,000	50,000
48	Security ( Amul Parlour Garima Anand)		23,000	23,000
49	Security Deposit Hariom Kumar Enterprises		16,721	1,721
50	Security Deposit Nanak Art		1,220	1,220
51	Security Deposit Star Fabricator		4,45,909	2,878
52	Security Deposit ( Trishui Enterprises)		16,010	3,767
53	Tatvasharva Technologies Pvt Ltd (Performance Sec)		26,195	-
54	Technical Bureau India Pvt. Ltd. ( Security Deposit)		-	20,000
55	The Book Seller (Performance Security)		20,000	-
56	Vaishnavi Electrical & Refrigeration Security Deposit		426	426
57	Vinay Electric Works Security Deposit		2,411	2,411
58	VK Glass House Security Deposit		14,570	-
59	Zahid Hussain Govt Contractor Security Deposit		62,187	-
60	ZYE Enterprises Security Deposits		2,14,527	4,09,463
	<b>Total (B)</b>		<b>26,44,934</b>	<b>17,34,453</b>

	<b>Grand Total (A+B)</b>		<b>33,94,679</b>	<b>38,78,469</b>
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Superintendent  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi

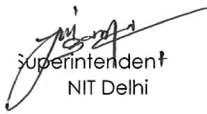


NATIONAL INSTITUTE OF TECHNOLOGY DELHI

List of Imprest Money given to Staff

Annexure 'E'

S.No.	Particulars	Amount in Rs.	
		Current Year	Previous Year
A	Imprest Card	-	6,25,000
B	Imprest (Others)		
1	Geeta Sikka	-	50,000
2	Sh. Mukul	-	25,000
3	Dr. Rikamtra Basu	-	24,999
	<b>Total</b>	<b>-</b>	<b>7,24,999</b>

  
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Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi




NATIONAL INSTITUTE OF TECHNOLOGY DELHI

List of Advances given to Staff

Annexure 'F'

S.No.	Particulars	Amount in Rs.	
		Current Year	Previous Year
1	Ajay Kumar	-	25,000
2	Amit Kumar Singh	-	15,000
3	Dr. D Vaithyanathan	-	38,469
4	Dr. gautam Kumar	80,000	5,000
5	Dr. harish Kumar	-	20,000
6	LTC Advance	72,000	1,04,611
7	Mahesh Kumar Singh	9	22,319
8	Obbu Chandra Shekhar	10,000	-
9	Anurag Singh	30,000	-
10	Brij Mohan Arora Sport Coach	16,905	-
11	Vijay Chauhan Sport Coach	32,775	-
12	Yaisna Rajkumari Salary	17,506	-
<b>Total</b>		<b>2,59,195</b>	<b>2,30,399</b>

  
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NIT Delhi

  
Registrar  
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Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi

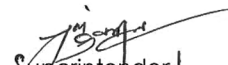


NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
List of Debtors as on 31.03.2025

Annexure 'G'

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
1	Jhajjar Power Limited	-	15,000
2	Bank of Baroda ( Debtors)	-	270
3	Bharat Heavy Electricals Limited	-	59,000
4	Labinda Analytical Instrument Private Limited	-	3,00,000
5	Nexgen Fluoropolymers Pvt. Ltd.	-	900
6	Receivable from Students	23,77,460	86,84,789
7	Debtors for Consultancy	18,66,780	11,56,663
8	Garima Anand-Amul Parlour	15,118	-
9	ICICI Bank (Debtor)	76,752	-
10	Sai Vending Services Pvt Ltd	11,242	-
11	AICTE Training and Learning (ATAL)-Debtor	91,943	-
12	ANRF-PAIR ARC-Debtor	19,244	-
13	BIS Workshop	22,160	-
14	Kanhaiya Tent House	-	15
15	M/s Hot And Crusty	708	708
16	Reliance Communication Ltd.	400	400
17	Gaurav Dwivedi	-	43,400
18	Chandra Prakash Crs for Exp	-	879
19	Dr. Harsh Verma Crs For Exp	-	600
20	Ramesh Chand Bansal	-	1,615
21	Hariom Kumar Enterprises	-	6
22	Dr. Baljit Kaur (Crs Exp)	1,160	-
23	Edutek Equipments (I) Pvt Ltd	4,829	-
24	Hardeep Singh ( Crs for Exp)	4,450	-
25	Prof. Ajay Kumar Sharma Crs for Exp	95,872	-
26	Ramashish Crs for Exp	13,385	-
27	Udit Sharma Crs for Exp	970	-
28	Veg Morning Fresh	11,571	-
	<b>Total</b>	<b>46,14,044</b>	<b>1,02,64,244</b>

  
Superintendent  
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Registrar  
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Director  
NIT Delhi

Date: 18/06/2025  
Place: Delhi

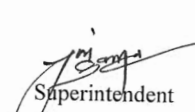


Schedule-23

**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**


**Significant Accounting Policies:**

1. The financial statements are prepared on the basis of historical cost convention, unless otherwise stated and generally on the accrual method of accounting.
2. All other incomes and expenses are accounted on accrual basis.
3. Fixed assets are stated at cost of acquisition including inward freight, duties and expenses related to acquisition installation and commissioning.
4. Depreciation on fixed assets is provided (on opening net block plus additions during the year) as per Straight Line Method at the applicable rates as per MOE guidelines.
5. Valuation of inventories is done at cost or net realizable value whichever is less.
6. The institute has been investing short term bank deposit (FDR) on which interest is being accounted for on the basis of the bank interest certificates.
7. Assets of small value of Rs. 5,000 or less is written off fully to income and expenditure account.
8. Accounting for Earmarked/Endowment fund and sponsored projects, schemes and programmes and income from such schemes is done according to directives issued by MOE for preparation of financial statements to the Central Educational Institutions.
9. Accounting treatment of fellowships and sponsored projects has been done according to the directives issued by MOE for preparation of Financial Statements to the Central Education Institutions.
10. The financial statements have been prepared in accordance with the generally accepted accounting principles as applicable to the Govt. Funded institutions funded out of the grant-in-aid as per guidelines issued by the MOE, Govt. Of India and as per the format prescribed by Govt. Of India MOE.
11. Institute has received only Plan Grant, which has been transferred to Schedule-3(c), and to the extent utilized for capital expenditure transferred to capital account in schedule 1 and utilized revenue expenditure transferred to Income & Expenditure account.
12. The Institute is exempted from Income Tax under section 10(23C) of the Income Tax Act, 1961. Hence, No provision for income tax has been made in the books of accounts.
13. Seed money approved to faculty is being booked under capital expenditure and revenue expenditure as per regular accounting practice.

  
Superintendent  
NIT Delhi

Date: 18/06/2025

Place: Delhi

  
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Schedule-24

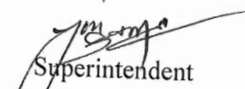
**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**

**Notes to Accounts and Contingent Liabilities:**

1. Physical verification of inventory during the year 2024-25 has been done, and stationary/consumables items are being purchased on need basis.
2. During the year, there is no any unspent balance in RBI TSA Account. However, there is unspent balance of 'Grant under OH-35' shown under Schedule 3c. It has already been expended and given as advance for infrastructure of institute campus. Balance sheet has been prepared on accrual basis. Therefore, balance grant shown under Schedule 3c which has been given as advance for infrastructure of institute campus.
3. No Fixed Assets has been purchased out of Non-Plan Funds, as the institute is in receipt of Plan Grant only.
4. Expenditure incurred for registration of Patents have been treated as revenue expenditure and entered in Sch 17- Administrative and General Expenses during the year under consideration.
5. There being no taxable income under Income Tax Act-1961 and The Institute is exempted from Income Tax under section 10(23C) of the Income Tax Act, 1961. Hence no provision for the income tax has been made.
6. Corresponding figures of the previous year has been regrouped/rearranged, wherever necessary.
7. There is no dispute in respect of Income Tax, VAT/GST and any other taxes.
8. Provision for the expenses for the year 2024-25 has been made for the expenses which are continuous in nature.
9. Schedule 1 to 24 is annexed to and form an integral part of the balance sheet as at 31<sup>st</sup> March, 2025 and Income & Expenditure Accounts for the year ended on that date.
10. No contingent liability exists as on 31<sup>st</sup> March 2025.
11. Completion certificate of buildings are not yet granted by the authority however application for the same has been submitted by NBCC officials.
12. Balance Confirmation of Franking Machine of Rs. 4058 is pending. As per institute accounts Rs. 4058 are shown under Current Assets (Schedule-7).
13. Expenditure on E-journals has been booked under revenue expenditure as payments are made for yearly subscription.
14. Gratuity provision has been raised in FY 2024-25 to Rs. 322.92 Lakhs pursuant to communication received from Ministry that gratuity is now applicable to the institute.
15. Leave Encashment Provision has been increased to Rs. 659.14 Lakhs on the basis of certificate of actuarial valuer.
16. Fees received (all fees) from the students are recognised on due basis and is fully transferred to the Income and Expenditure account for the current Financial year without considering the session for which the Tuition fees has been received.
17. Land on which construction of Permanent Campus is going does not belong to NIT Delhi. Land has been provided to NIT Delhi by DDA under long term lease agreement.



18. During the year, Prior Period Income of Rs. 3.63 Lakhs has been booked in Schedule 14 and Prior Period Expenses of Rs. 1.47 Lakhs has been booked in Schedule 22.
19. The Institute has following on roll students as on 31.03.2025:
- | Courses       | No. of Students |
|---------------|-----------------|
| PhD           | 164             |
| Post Graduate |                 |
| M.Tech        | 284             |
| Undergraduate |                 |
| B.Tech        | 1275            |
20. The total number of regular Faculty members as on 31.03.2025 is 49 and the salary structure are as follows:
- Professor: Pay Level 14A, Rs.159100-220200
  - Associate Professor: Pay Level 13 A2, Rs.139600-211300
  - Assistant Professor Grade I : Pay Level 12, Rs. 101500-167400
  - Assistant Professor Grade II : Pay Level 11, Rs. 68900-117200
  - Assistant Professor Grade II : Pay Level 10, Rs. 57700-98200
21. The Institute has paid salary from April 2024-March 2025 to Prof Ajay Kumar Sharma, Director NIT Delhi, Rs. 41,16,312. Hence, according to AS-18, 'Related Party Disclosures, the disclosure for related party had been made herewith.
22. Chartered Accountant Firm M/s Prem Garg & Associates has been hired to provide consultancy services related to finalisation of books, Income Tax, GST, TDS compliances and various such services.

  
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Date: 18/06/2025

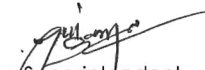
Place: Delhi



**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**NPS TIER-I ACCOUNT**  
**RECEIPTS AND PAYMENTS ACCOUNT FOR THE FINANCIAL YEAR 2024-25**

Amount in Rupees

Receipts	Amount	Payments	Amount
Opening Balance as on 1/04/2024	2327378	Investment	
<b>NPS TIER-I Account</b>		NPS Deposited	28654389
Own Subscription	12095818	Withdrawal/Refund to NSDL	
University Contribution	16934123	Closing Balance as on 31/03/2025	2702930
Interest Received on Investment			
Interest on saving bank a/c			
Investment Encashed			
<b>Total</b>	<b>31357319</b>	<b>Total</b>	<b>31357319</b>

  
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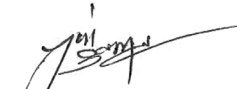
Date: 18/06/2025  
Place: Delhi



**NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
NPS TIER-I ACCOUNT  
INCOME AND EXPENDITURE ACCOUNT FOR THE FINANCIAL YEAR 2024-25**

Amount in Rupee:

Expenditure	Amount	Income	Amount
Interest Credited to Subscribers' Accounts	0	Interest Earned on Investment	0
Bank Charge	0		
		Less: Interest Accrued 31/03/25	0
Excess of Income over Expenditure	0	Interest Accrued but not due.	0
<b>Total</b>	<b>0</b>	<b>Total</b>	<b>0</b>

  
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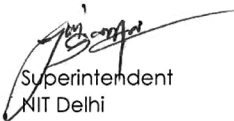
Date: 18/06/2025  
Place: Delhi



**NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
NPS TIER-I ACCOUNT  
BALANCE SHEET AS AT MARCH 31, 2025**

Amount in Rupees

Liabilities	31.03.2025	Assets	31.03.2025
<b>NPS TIER-I Account</b>	2327378	<b>NPS TIER-I Account</b>	0
Opening Balance(Payable)		Subscription and Contribution due for 3/25	
Less: Sub. For 3/2024		Investment	0
Add: Sub+U Contribution	29029941	Interest Accrued but not due	0
Add: Interest Credited		Balance at Bank	2702930
Less: NPS Deposited	28654389		
Less: Transferred to NSDL			
Add: Sub+UC for 3/2025			
Excess of Income over Expenditure	0		
Balance as on 1.4.2024			
Add: During the year			
<b>NPS TIER-I Account</b>	2702930		
Closing Balance (Payable)			
<b>Total</b>	<b>2702930</b>	<b>Total</b>	<b>2702930</b>

  
Superintendent  
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Registrar  
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Director  
NIT Delhi

**Date: 18/06/2025**  
**Place: Delhi**



**राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली**  
**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An Autonomous Institute under the aegis of the Ministry of Education

(Shiksha Mantralaya), Govt. of India)

Plot No. FA7, Zone P1, GT Karnal Road, Delhi-110036, INDIA

दूरभाष/Tele: +9111-33861000, 1001, 1005 वेबसाइट/Website: [www.nitdelhi.ac.in](http://www.nitdelhi.ac.in)