



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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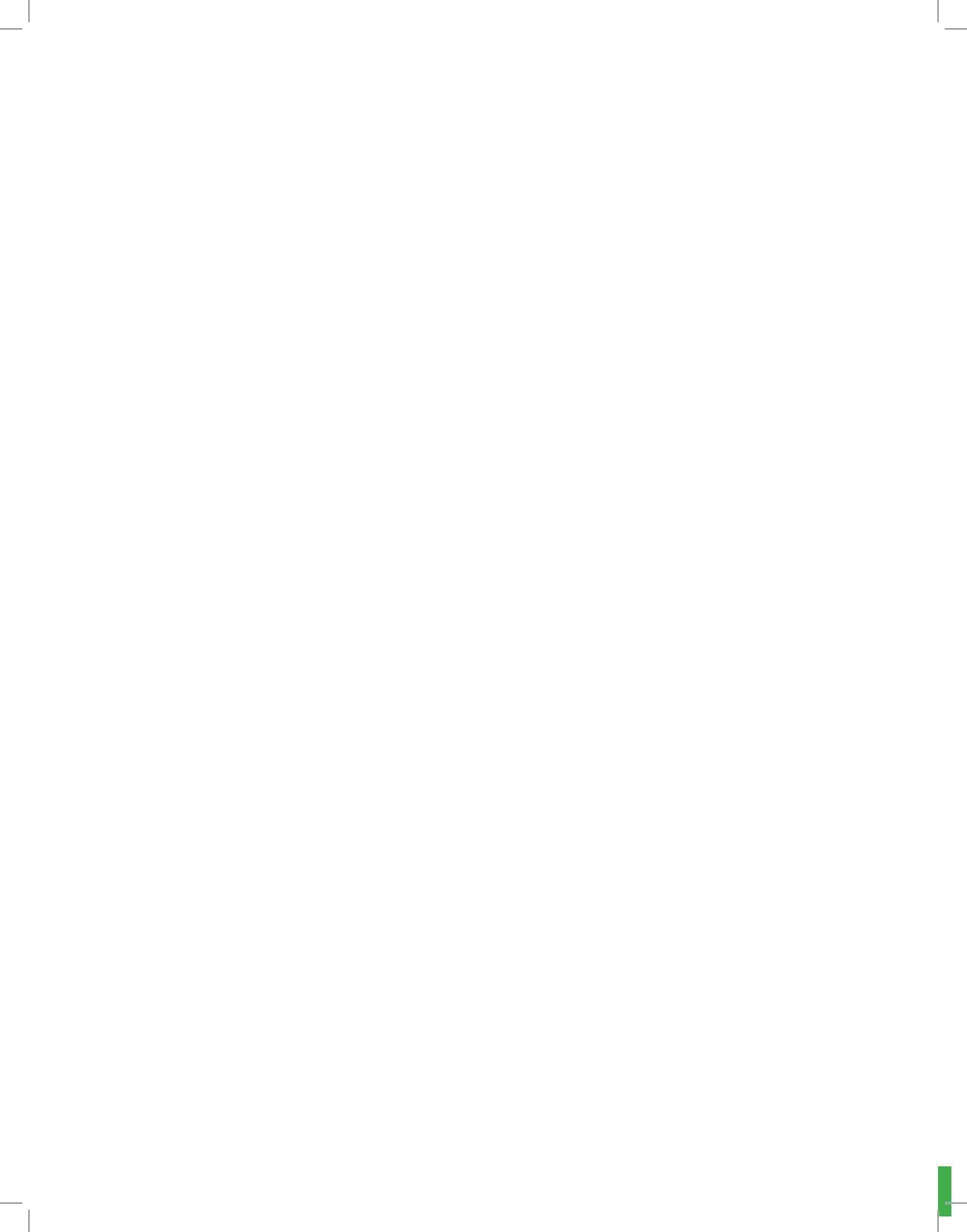




TABLE OF CONTENTS

| S. No. | CONTENTS | | Page No. |
|--------|--|--|---------------|
| 1. | INTRODUCTION | | 5-13 |
| | 1. | Our Vision | 5 |
| | 2. | Our Mission | 5 |
| | 3. | Quality Policy | 5 |
| | 4. | About Us | 6 |
| | 5. | Administration | 7 |
| | 6. | Ranking | 11 |
| | 7. | Academic Programmes | 12 |
| | 8. | NITD at A Glance | 13 |
| 2. | ACADEMICS | | 14-28 |
| | 2.1 | Courses offered | 15 |
| | 2.2 | Admission Procedure | 15 |
| | 2.3 | Rules and Regulation for B.Tech Programmes | 16 |
| | 2.4 | Admission Statistics-UG/PG Programmes | 20 |
| | 2.5 | Scholarships | 22 |
| | 2.6 | Training and Placement | 24 |
| 3. | FACULTY AND STAFF | | 29-30 |
| | 3.1 | Faculty Strength | 30 |
| | 3.2 | Staff Positions | 30 |
| 4. | RESEARCH AND DEVELOPMENT | | 31-96 |
| | 4.1 | Academic Research | 31 |
| | 4.2 | Sponsored R&D Research Projects | 90 |
| | 4.3 | Memorandum of Understanding-MOUs | 94 |
| | 4.4 | Notable Achievements of the Departments | 96 |
| 5. | CENTRAL FACILITIES & CAMPUS AMENITIES | | 97-132 |
| | 5.1 | Computer Centre | 98 |
| | 5.2 | Central Library | 99 |
| | 5.3 | Health Centre | 103 |
| | 5.4 | Games and Sports Facilities | 104 |
| | 5.5 | Hostels | 128 |
| | 5.6 | Other Facilities like Guest House, Bank, Post Office, Shopping Centre and Staff Quarters | 131 |
| | 5.7 | Infrastructure Development | 132 |



| | | | |
|-----|---------------------------|---|----------------|
| 6. | STUDENT AFFAIRS | | 133-148 |
| | 6.1 | Student Activities at NITD | 133 |
| | 6.2 | 4th Convocation | 147 |
| | 6.3 | Zeal | 148 |
| 7. | DEPARTMENT DETAILS | | 149-180 |
| | 7.1 | Department of Applied Science, Humanities & Management | 150 |
| | 7.2 | Department of Civil Engineering | 154 |
| | 7.3 | Department of Computer Science and Engineering | 157 |
| | 7.4 | Department of Electronics and Communication Engineering | 165 |
| | 7.5 | Department of Electrical Engineering | 171 |
| | 7.6 | Department of Mechanical and Aerospace Engineering | 176 |
| 8. | ANNEXURES | | 180-186 |
| | 8.1 | Institute's Council | 180 |
| | 8.2 | Board of Governors | 181 |
| | 8.3 | Finance Committee | 181 |
| | 8.4 | Senate | 182 |
| | 8.5 | Building and Works Committee | 183 |
| | 8.6 | Contractual Faculty Details | 183 |
| 8.7 | Staff Details | 184 | |
| 9. | FINANCIAL DETAILS | | 187-248 |



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 established in the year 2010 through an Act of Parliament as one of India's 31 National Institute of Technology, granting its 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 **45th** 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



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



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 bachelors 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 (M.Tech)
3. Doctor of Philosophy (PhD)

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

Postgraduate and Research Programmes

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

| | |
|------------|--------|
| 183 | B.Tech |
| 151 | M.Tech |
| 3 | 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 Regulations 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) (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 | 356 |
| PG* | 40 | 15 | 8 | 27 | 10 | 100 | 20 | 13 | 4 | 25 | 11 | 0 | 73 |
| Total | 190 | 71 | 37 | 128 | 48 | 474 | 124 | 67 | 33 | 131 | 62 | 12 | 429 |

*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 | Computer Science and Engineering | 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 | Electronics and Communication Engineering | 20 | 59 | 45 | 14 | 11 | 5 | 7 | 2 | 2 | 3 | 14 | 2 | 10 | 1 | 2 (1 (Gen-M) 1 (OBC-F)) |
| 3 | Electrical Engineering | 60 | 57 | 45 | 12 | 15 | 4 | 6 | 2 | 4 | 1 | 12 | 4 | 6 | 1 | 2 (1 (OBC-M) 1 (SC-M)) |
| 4 | Mechanical Engineering | 40 | 36 | 28 | 8 | 9 | 2 | 5 | 1 | 2 | 1 | 7 | 4 | 4 | 0 | 1 (Gen-M) |
| 5 | Artificial Intelligence & Data Sciences | 20 | 19 | 15 | 4 | 3 | 2 | 3 | 0 | 1 | 0 | 4 | 2 | 3 | 0 | 1 (Gen-M) |
| 6 | Civil Engineering | 25 | 20 | 16 | 4 | 4 | 1 | 3 | 1 | 2 | 0 | 6 | 1 | 1 | 1 | 0 |
| 7 | Aerospace Engineering | 24 | 22 | 16 | 6 | 2 | 2 | 3 | 1 | 2 | 0 | 7 | 1 | 2 | 2 | 0 |



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

*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 | Civil and Infrastructure Engineering | 6 | 6 | 5 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 2 | 0 |
| 2 | CAD/CAM | 9 | 4 | 3 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | Computer Science and Engineering | 15 | 13 | 11 | 2 | 3 | 0 | 2 | 0 | 1 | 1 | 5 | 0 | 0 | 1 |
| 4 | Computer Science and Engineering – Analytics | 15 | 13 | 10 | 3 | 5 | 1 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 2 |
| 5 | Electronics and Communication Engineering | 10 | 9 | 6 | 3 | 1 | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 1 | 2 |
| 6 | Electronics and Communication Engineering (VLSI) | 15 | 14 | 7 | 7 | 2 | 2 | 1 | 1 | 0 | 0 | 4 | 2 | 0 | 2 |
| 7 | Mathematics & Computing | 8 | 6 | 5 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 8 | Power & Energy System | 6 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 9 | Power Electronics and Drives | 10 | 6 | 3 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 0 | 0 |
| 10 | Industrial Chemistry | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 100 | 73 | 52 | 21 | 16 | 4 | 11 | 2 | 1 | 3 | 21 | 4 | 3 | 8 |

*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 | Computer Science and Engineering | 1 | 9 | 3 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| 2 | Electronics and Communication Engineering | 9 | 6 | 8 | 3 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 11 | 4 |
| 3 | Electrical Engineering | 1 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 5 | 1 |
| 4 | Mechanical Engineering | 3 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 8 | 0 |
| 5 | Civil Engineering | 1 | 4 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| 6 | Applied Science | 0 | 18 | 5 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 7 | 11 |
| | Total | 15 | 47 | 26 | 17 | 5 | 1 | 1 | 0 | 6 | 3 | 3 | 0 | 41 | 21 |

*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 |
| Total | 175 | 290 | 86 | 151 | 58.5 | 17.05 | 86.285 |

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 |
| Total | 153 | 130 | 23 | 107 | 23.5 | 8.84 | 63.93 |

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
- Weskill
- 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 |
| | Total | 28 | 11 | 8 | 2 | 0 | 1 | 50 |

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 ¹ |
| | Group C | 22 | 05 | 02 | 00 | 02 | 00 | 31 ² |
| | Total | 43 | 6 | 3 | 0 | 2 | 0 | 54 |

Note-

¹Two 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.

²Two 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 | https://doi.org/10.3390/photonics11111058 | 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 | https://doi.org/10.1109/TPS.2024.3402374 | 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 | https://doi.org/10.1109/LSENS.2024.34445324 | 8 (10) 350300 4 | 2.2 |



| | | | | | | | |
|---|--|---|-----------------------------|-----------|---|------------------|-----|
| 5 | S. Srivastava, R. Srivastava, D. Punetha, A. K. Sharma, Y. K. Prajapati | Enhancing the efficiency of lead free Cs ₂ AgBiBr ₆ based double perovskite solar cells with optimizing ETLs and HTLs using SCAPS ID | Chemical Physics Letters | 0009-2614 | https://doi.org/10.1016/j.cplett.2024.141557 | 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 ₂ layers under optimum radiation damping | IEEE Sensors Journal | 1558-1748 | https://doi.org/10.1109/JSEN.2024.3427414 | 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 | https://doi.org/10.1109/JSEN.2024.3381250 | 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 | https://doi.org/10.1016/j.optlastec.2024.111332 | 179 111332 | 4.6 |
| 9 | A. C. Mishra, A. K. Sharma, P. Lohia, and D. K. Dwivedi | Silicon Nitride (Si ₃ N ₄) leads to enhanced performance of silica silver based plasmonic sensor for colorectal cancer detection under optimum radiation damping | Solid State Communications | 1879-2766 | https://doi.org/10.1016/j.ssc.2024.115533 | 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 | https://doi.org/10.1016/j.yofte.2024.103801 | 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 ₂ O ₃ layer on Si substrate | IEEE Sensors Journal | 1558-1748 | https://doi.org/10.1109/JSEN.2023.3347702 | 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 | | https://doi.org/10.1080/10407790.2024.2331789 | 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 ₂) on dusty nanofluid flow subjected to heat conduction | Numerical Heat Transfer, Part B- Fundamentals | | https://doi.org/10.1080/10407790.2024.2345697 | 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 | | https://doi.org/10.1016/j.cjph.2024.05.049 | 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 | | https://doi.org/10.1016/j.cjph.2024.06.012 | 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 | | https://doi.org/10.1016/j.chaos.2024.115426 | 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 | | https://doi.org/10.1063/5.0230052 | 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 | | https://doi.org/10.1016/j.euromechfl.2024.09.002 | 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 | | https://doi.org/10.1016/j.ijnonlinmec.2024.104976 | 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 | | https://doi.org/10.1016/j.cjph.2025.04.022 | 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/acsnm.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 ₃ and FASnI ₃ 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 ₃ 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 ₃ 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.jpccs.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.jpcs.2025.112868 | (2025): 112868. | 4 |
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| 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 | http://dx.doi.org/10.1088/2631-8695/adc77f | 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 | http://dx.doi.org/10.1109/TPS.2025.3534289 | 53,3,449-462 | 1.3 |



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| 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 | http://dx.doi.org/10.1080/09205071.2025.2459782 | 39,5,1-24 | 1.3 |
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| 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 | https://doi.org/10.1016/j.precisioneng.2024.01.014 | 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 | https://doi.org/10.1364/AO.503589 | 63(7), B16-B23 | 1.7 |
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| 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 |



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| 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 Transactions on Artificial Intelligence | 2691-4581 | 10.1109/TAI.2024.3489535 | 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 International Journal of Marine Sciences | | 10.1007/s41208-024-00762-7 | 41, 5 | 0.7 |
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Conference Publications

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|------|---|---|--|-------------|-----|----------------|
| 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 Omnidirectional Antenna for Line-of-Sight Service Link | 3rd International Conference on Microwave, Optical and Communication Engineering - 2025 | | | 2025/4 |



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| 3 | S. Parida, V S Pandey, B K Sahu, M K Nayak | Synthesis, Characterization and Electrochemical Study of SnS ₂ /rGO/SiC Nanocomposite for Supercapacitor Electrode Applications | IEEE conference ODICON-2024 | | https://doi.org/10.1109/ODICON62106.2024.10797542 | 2024/11 |
| 4 | S. Parida, V S Pandey, B K Sahu, M K Nayak | Experimental Analysis: Preparation and application of a CoFe ₂ O ₄ /rGO/Bi ₂ S ₃ nanocomposite for supercapacitor electrode | IEEE conference ODICON-2024 | | https://doi.org/10.1109/ODICON62106.2024.10797530 | 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

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| 1. | R. Kumar, Ajay K. | Analysis of Laminated Composite Porous Plate under Sinusoidal Load with Various Boundary Conditions. | Materials | 1996-1944 | (https://doi.org/10.3390/ma17102308) | 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 Mechanica | 0001-5970 (Print) and 1619-6937 (Online). | (https://doi.org/10.1007/s00707-024-03949-4) | 2024, 235, 4451-4471. | 2.3 |



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| 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 | (https://doi.org/10.1080/15376494.2023.2269553) | 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 | (https://doi.org/10.1007/s42107-023-00937-2) | 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 | (https://doi.org/10.1007/s44177-024-00076-6) | (2024) 3:143-149 | 3.3 |
| 6. | M. Dikshit, Baleeswaraiiah 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 | (https://pubs.acs.org/doi/10.1021/acs.estlett.4c00564) | 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 |



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| 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 |

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| 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 |
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| 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 Telecommunications 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 |



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| 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. compbiom ed.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 | https://doi. org/10.1016/j. ocemod. 2025.102560 | 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 | https://doi. org/10.1007/ s41208-024- 00762-7 | 41 | 3.5 |



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| 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 |



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| 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 | | |



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| 31 | N. Bansal, S. S., L. K. Awasthi | Are NoSQL Databases Affected by Schema? | IETE Journal of Research | | https://doi.org/10.1080/03772063.2023.2237478 | |
| 32 | S. Vishnu, Sahil, N. Garg | Unveiling the Role of GPT-4 in Solving LeetCode Programming Problems | Computer Applications in Engineering Education | 1061-3773 | https://doi.org/10.1002/cae.22815 | 2.0 |
| 33 | Gunjan | A Review on Unequal Clustering Protocols in Wireless Sensor Networks | Wireless Personal Communications, Springer | | https://doi.org/10.1007/s11277-024-11688-x | 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/IC2SDT62152.2024.10696204 | Oct 2024 |
| 2 | D. Kala, D. Punia, G. Sikka, K. Sikka | A Comprehensive 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/IC2SDT62152.2024.10696395 | 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/IC2SDT62152.2024.10696591 | 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/IC2SDT62152.2024.10696857 | Oct 2024 |



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| 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 | https://doi.org/10.1007/978-3-031-82431-9_27 | December 2024 |
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| 61 | Rajwinder Singh Hardeep 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 |



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| 8. | Satyam Pandey, Prachi Agarwal, Dharmendra Kumar Jhariya and Manoj Kumar | Fuzzy Logic Based Non-Coherent 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 rd 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 rd 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 rd 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 |



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| 14. | Dukka Alekhya, Baljit Kaur, Dhandapani and Vaithiyanathan | Delay Estimation of Standard Cells using Machine Learning | 3 rd 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 rd 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 rd 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 Swargia, Dhandapani Vaithiyanathan, Tulika Chawla and Baljit Kaur | Study the Impact of Work-Function Variation on Vertical TFET Device | 7 th 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 th 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 |



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| 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 (ICES) | 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/ICES63445.2024.10763082 | October 15-17, 2024 |



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| 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 | https://doi.org/10.1007/978-981-97-9045-6_7 | February 28, 2025 |



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| 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 | ISPPCC 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 | https://doi.org/10.1109/IEMECON6240.1.2024.10846787 | January 23, 2025 |



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| 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 | https://doi.org/10.1109/EDKCO N6233 9.202 4.10870759 | 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 | https://doi.org/10.1109/ICICE C62498 .2024 .10808559 | Dece mber 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 |



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| 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 th 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 th 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 th International Conference on the Internet of Everything, Microwave, Embedded, Communication, and Networks (IEMECON2024) | 979-8-3503-8731-5 | DOI-10.1109/IEMECON624.01.2024.10846787 | October 24-26, 2024 |
| 52. | Amit Kumar, Dhanishtha 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/DevIC63.749.2024.5.11012284 | 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/WISPNET64.060.2024.5.11005268. | February 20-22, 2025 |



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| 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 | https://www.researchgate.net/publication/380533566_DESIGN_AND_PERFORMANCE_INVESTIGATION_OF_MULTIPLEXER_AND_DEMULTIPLEXER_USING_90NM_TECHNOLOGY | 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 | https://www.researchgate.net/publication/380533566_DESIGN_AND_PERFORMANCE_INVESTIGATION_OF_MULTIPLEXER_AND_DEMULTIPLEXER_USING_90NM_TECHNOLOGY | April 4-5, 2024 |



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| 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 | https://doi.org/10.1109/DICC.T61038.2024.10532929 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 | http://doi.org/10.1109/ICSC64553.2025.10968585 | 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 | http://doi.org/10.1109/ICSC64553.2025.10967719 | 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 | http://doi.org/10.1109/ICECSP61809.2024.10698660 | 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 | http://doi.org/10.1109/ICECSP61809.2024.10698593 | 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 | http://doi.org/10.1109/ICECSP61809.2024.10698037 | August 8-10, 2024 |



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| 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 | http://doi.org/10.1109/SCEECS61402.2024.10482102 . | 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 |



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| 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 yanathan, Manish Verma, Preeti Verma, and Baljit Kaur | Comparative Study of Multiplier Techniques for FIR Filters in Real- Time Multimedia Applications | 3 rd IEEE International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3 2025) | NIL | NIL | May 15-16, 2025 |



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| 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 rd 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/DevIC6374-9.2025.11012303 | April 05-06, 2025 |
| 81. | Jeyalakshmi. V, Arjun Chakkrapani, Preetha 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/ICMCSI646-20.2025.10883627 | 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/InCoWoCo6-4194.2-024.10863541 | 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 |



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| 84. | Ashish Verma, Preeti Verma, and Dhandapani Vaithyanathan | Comparative Study Of GAA-JL Transistor with And Without FE Material for Hydrogen Gas Sensing | 28 th 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 | | https://doi.org/10.1007/s13369-024-09808-7 | | 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 | https://doi.org/10.1002/cta.4286 | 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 | | https://doi.org/10.1080/15325008.2024.2314197 | 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 | https://doi.org/10.1088/2631-8695/ada483 | Eng. Res. Express 7 (2025) 015311 | 1.5 |



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| 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 |



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| 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 | https://doi.org/10.1007/s00202-024-02722-z | 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 | https://doi.org/10.1007/s00202-024-02601-7 | 107, 1863-1883 (2025). | 1.6 |



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| 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 | https://doi.org/10.1016/j.prime.2024.100592 | 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 | https://doi.org/10.1186/s44147-024-00428-4 | 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 |



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| 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 2024H yderabad31 July 2024through 3 August 2024 | 979-835038399-7 | 10.1109/SEFET61574 .20 24.10717886 | 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 |



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|----|-----------------------------------|--|---|--|-----------------------------------|---------------|
| 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 |



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| 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 th Power India International Conference on Power and Energy Enabling Technologies for Future Grid (IEEE-PIICON-2024) | | 10.1109/PIICON63519.2024.10995027. | Dec 2024 |
| 23 | Ayush Kumar; Manoj Kumawat; Pratik Sinha | Comprehensive Analysis of Cost-Effective Data-Driven Approaches for Electricity Theft Detection | 11 th Power India International Conference on Power and Energy Enabling Technologies for Future Grid (IEEE-PIICON-2024) | | 10.1109/PIICON63519.2024.10995142 | 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 th -29 th 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 | https://doi.org/10.1007/s12666-025-03576-0 | 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 | https://doi.org/10.1080/14484846.2023.2283663 | 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 | https://doi.org/10.1007/s12647-024-00772- | 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 | https://doi.org/10.1080/2374068X.2024.2423493 | 1-18 | 2.0 |
| 5. | R. Saxena, H. Kumar | Design and development of trapezoidal-shaped transducer for industrial and scientific applications | MAPAN | 0974-9853 | https://doi.org/10.1007/s12647-023-00673-7 | 2, 349-363 | 1.0 |



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| 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 | https://doi.org/10.1007/s13369-024-08711-5 | 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 | https://doi.org/10.1007/s10973-024-13752-x | 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 | https://doi.org/10.1007/s10973-024-13776-3 | 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 | https://doi.org/10.1016/j.psep.2024.08.105 | Volume 191, Part A, Pages 1445-1460 | 6.9 |



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| 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 | https://doi.org/10.1007/s10973-024-13714-3 | 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 | https://doi.org/10.1007/s40194-025-02068-5 | 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 | https://doi.org/10.1016/j.joei.2025.102117 | 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 | https://doi.org/10.1007/s40194-025-02047-w | Pg 1-21 | 2.4 |



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| 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 | https://doi.org/10.1016/j.ijft.2025.101269 | 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 |



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| 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 | https://doi.org/10.1016/j.rineng.2025.104876 | 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 | https://doi.org/10.1016/j.jmrt.2024.05.039 | 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 |



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|-----|--|---|--|----|----|--|
| 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 th -29 th 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 th -29 th 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 th -29 th 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 th -29 th 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 th -29 th 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 th -29 th 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 ($Ge/Ge_{1-x}Sn_x$)/ 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

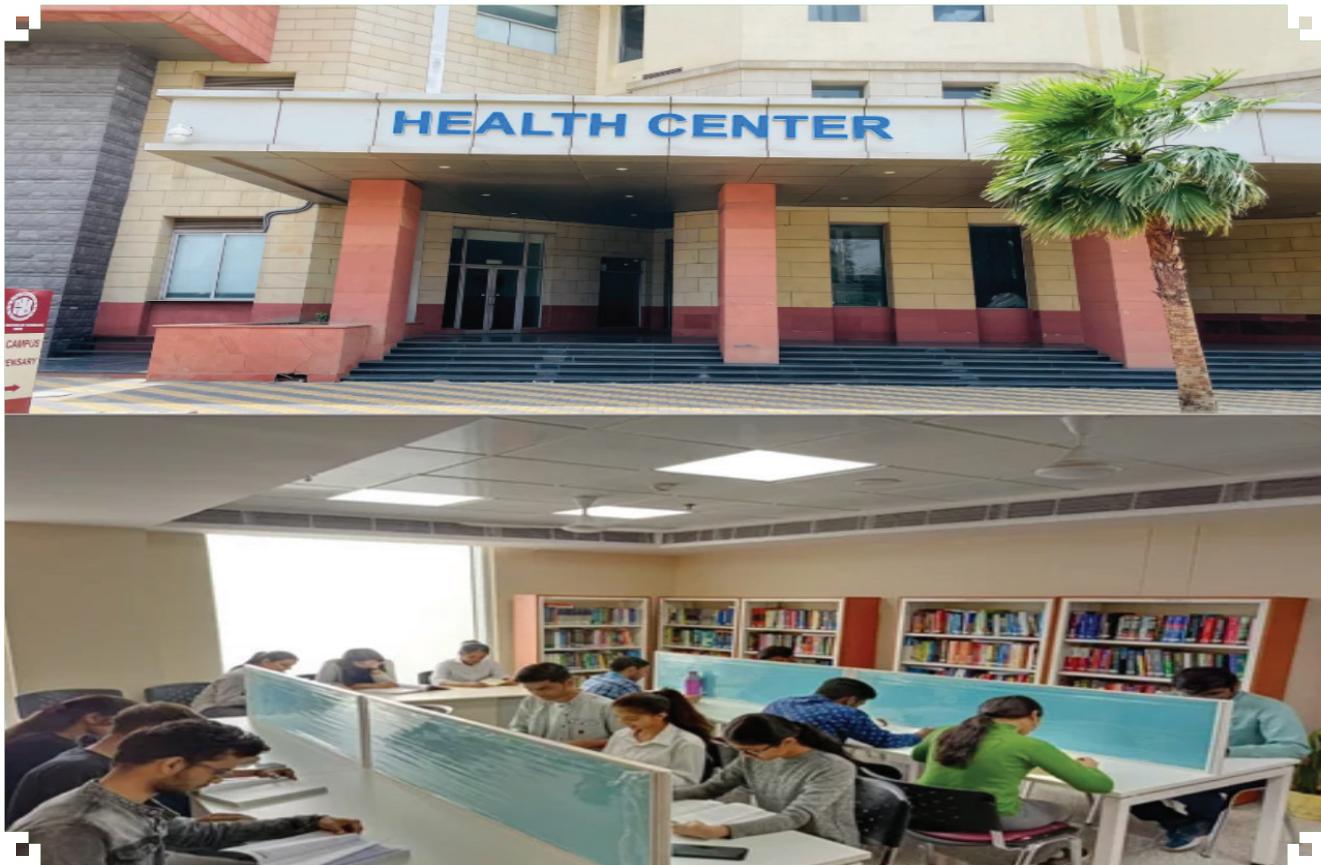
5.3 Health Centre

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 th |
| 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, Assistive 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

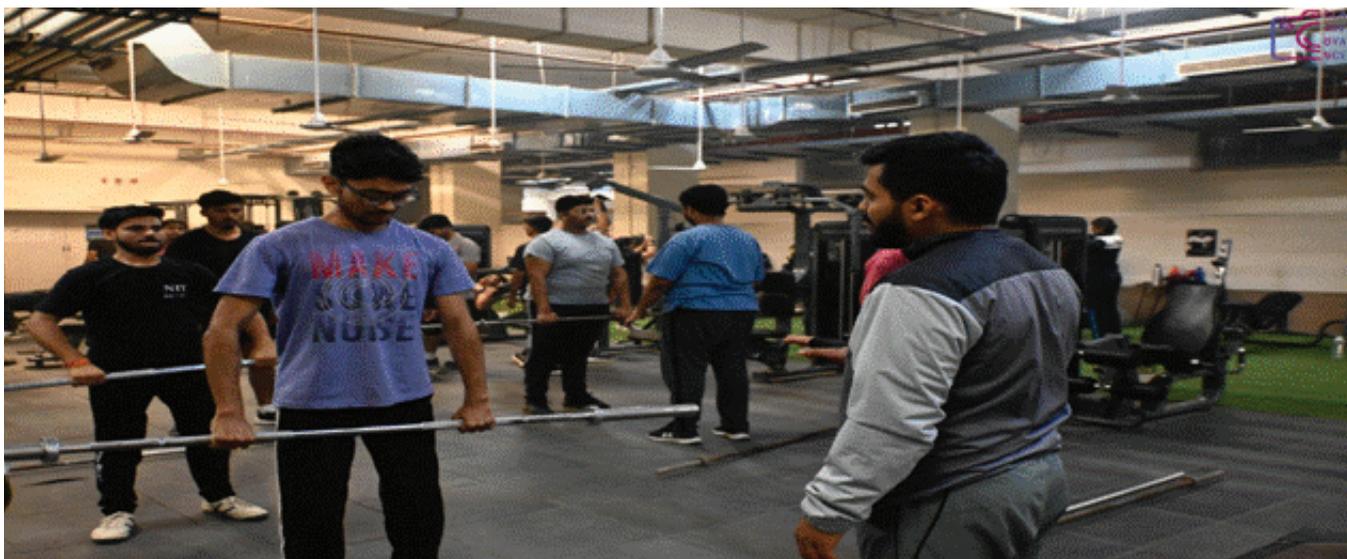
- **Date** – 20 November 2024
- **Description**

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.





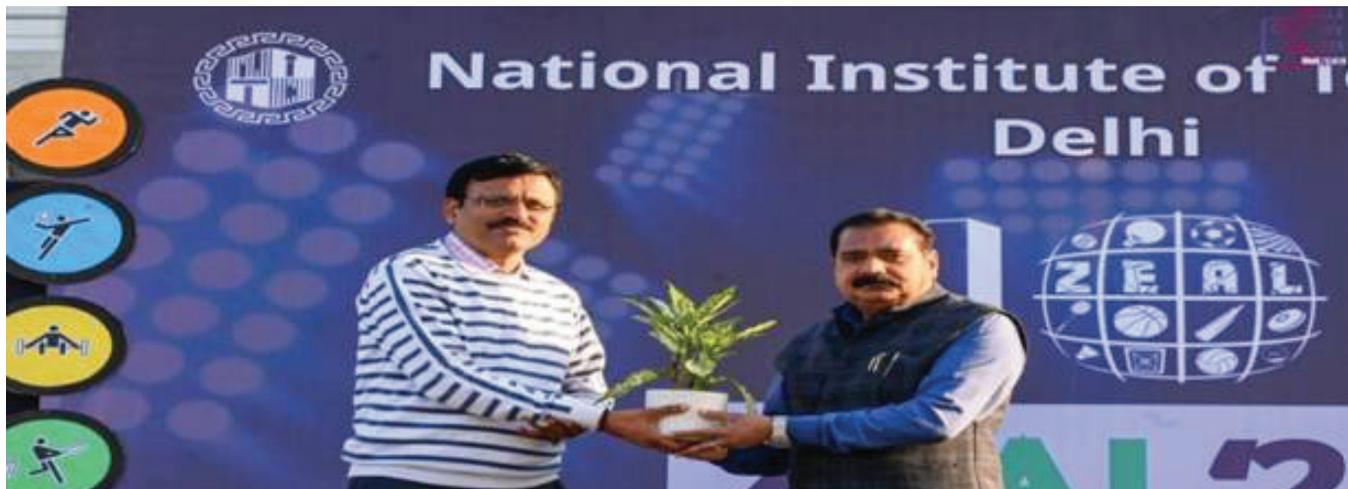
5. Zeal (Annual Sports Fest) 2025

- **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 **2nd Place** at the ITUSA Tournament held at **PEC Chandigarh**



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



The NIT Delhi Boys' and Girls' Lawn Tennis Teams secured **3rd 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 **2nd 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 **3rd Place** at the ITUSA Tournament held at **NIT Kurukshetra**



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



NIT Delhi Boys' Football Team secured 2nd 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 **2nd 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)



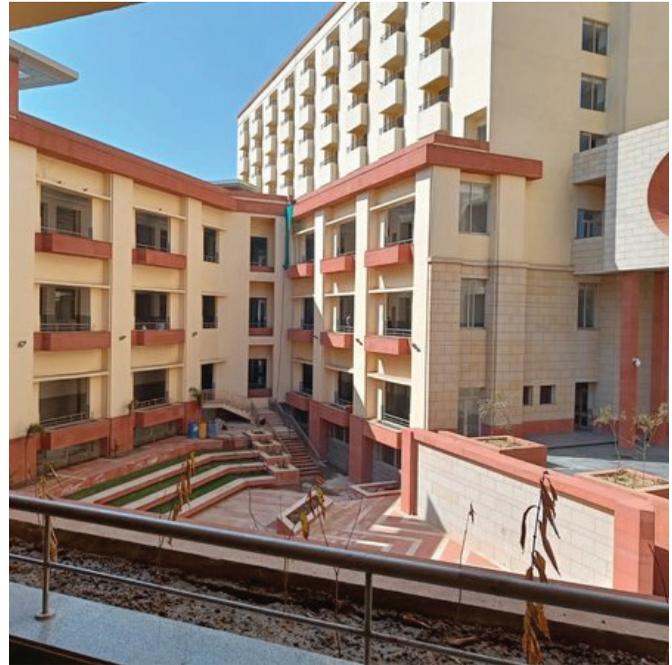
BH-2

NILERD boys Hostel (In old Campus)



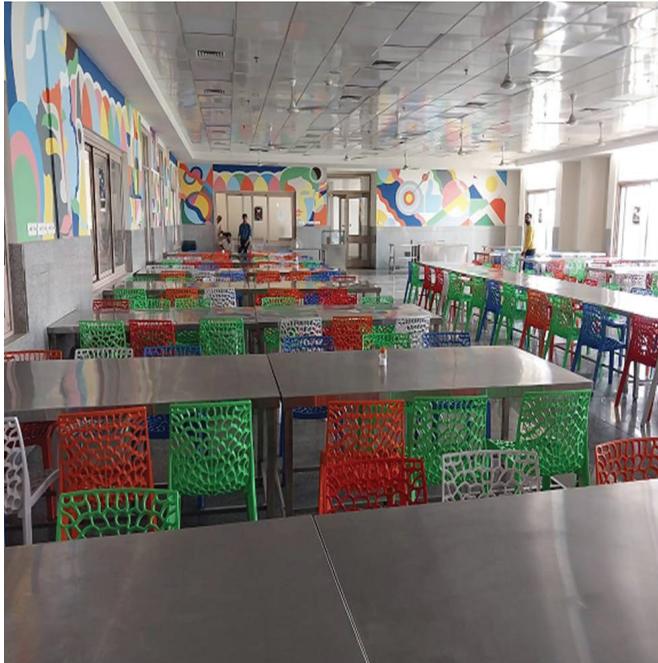
BH-3 & 4

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 |
|--|-------------------------------|----------------------|----------------|
| Phase 1A buildings (Construction completed) | | | |
| 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 | | |
| Phase 1B buildings (Construction in progress) | | | |
| 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 | | |
| | Total Area Constructed | 1,25,968 | |

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 | |
| | Total Area Constructed | 1,01,932 | |



STUDENT AFFAIRS

6.1 Student Activities at NITD

6.2 4th 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

| | | |
|-------------------------------|----------------------|-------------------------|
| Faculty Coordinator | Dr. Sandeep Kumar | |
| Faculty Co-Coordinator | Dr. Sahil | |
| Student Members | | |
| Position | Upto Dec 2024 | Jan 2025 onwards |
| 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 Pangeni, Sreenidhi, Vardhi Renusri, Vatsav |

Cultural Club Events

Independence Day Celebration

| Name of the Event | Independence Day Celebration |
|-------------------|-------------------------------|
| Event date & time | 15 th 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 th – 29 th 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



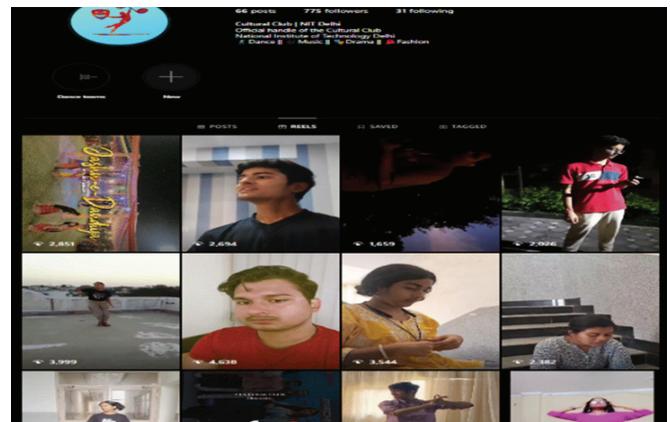
Dance Category

- 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 th September, 2024 |
| Event location | Nearby Canteen |

Dandiya Workshop 2024

| | |
|--------------------------|---|
| Name of the Event | Dandiya Workshop |
| Event date & time | 18 th – 19 th 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 rd – 4 th 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 3rd – 4th, 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 3rd, 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 4th, 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 th -16 th 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 th 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 Shruithi, 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 th 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 th 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 st -22 nd 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 th 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**

- Veshbhusha (Cultural Attire)

Winner – **Keya**

1st Runner-up – **Shambhavi Singh**

2nd Runner-up – **Priya Sadulwar**

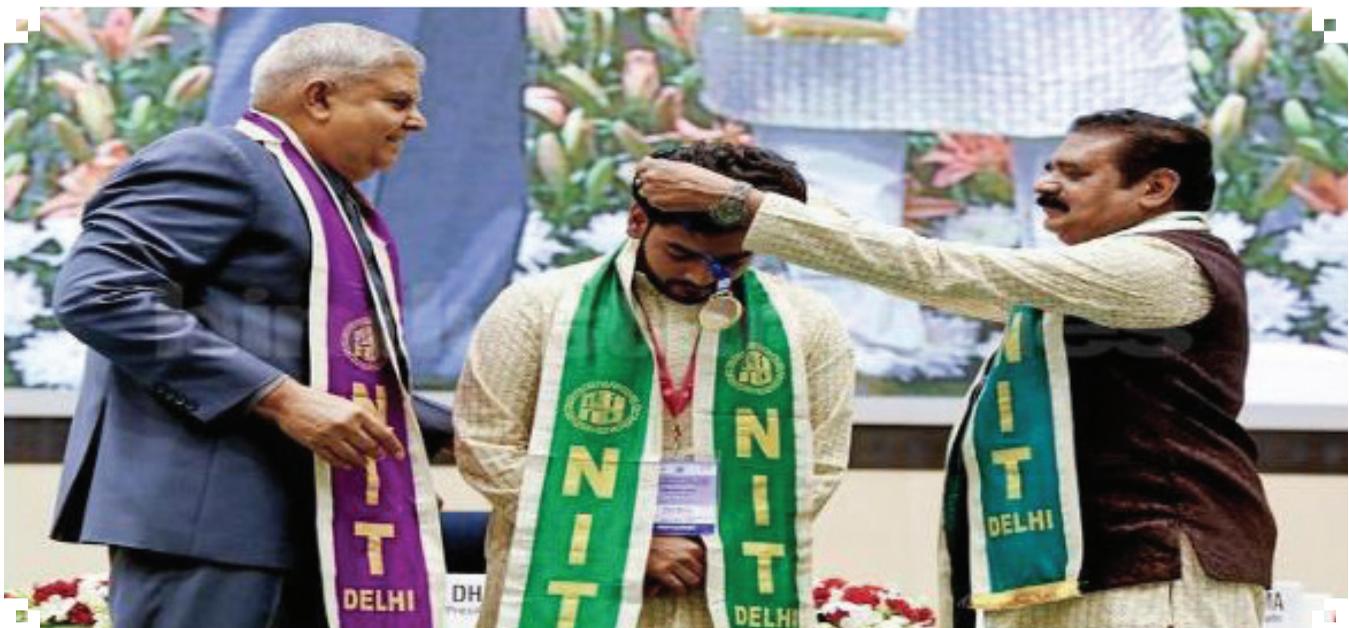
- Kavi Sammelan (Open-mic/Poetry)



Winner – **Sudhanshu Sharma**

6.2) 4th Convocation

National Institute of Technology Delhi hosted its 4th 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. Vaithiyanathan | 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 | 20241100796 |
| 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 |
|----|--|-------------|------------------|------|---|---------|

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. (University Teknologi 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 th 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 th – 19 th July, 2024, NIT Jalandhar |



2) Dr. Karan Verma

Training and Skill Internship at NIT Delhi **Apeejay Styra 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"> • Digital IC Design • Standard cell library characterization • Delay Modeling of combinational logic cells • Device design for better subthreshold swing • Device circuit co-design | 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"> RF and Microwave Circuits (UWB Bandpass Filters, Filtantenna), Wireless Communication Telecommunication Networks IoT& Machine Learning AI | 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 rd Year | 966 |
| 2. | Pratyush Panda (2212220047) B.Tech ECE 3 rd Year | 1421 |
| 3. | ANMOL AGARWAL (2212220009) B.Tech ECE 3 rd Year | 8562 |
| 4. | SHIVJI PANDEY (211220050) B.Tech ECE 4 th Year | 3755 |
| 5. | Shubham Gupta (221220057) B.Tech ECE 3 rd Year | 4271 |
| 6. | Ansh Viraj (211220007) B.Tech ECE 4 th Year | 11320 |
| 7. | Rishi Raj (211220044) B.Tech ECE 4 th Year | 3643 |
| 8. | MAUSAM PATHAK (242221014) M.Tech ECE 1 st Year | ECE-4134, IN-1368 |
| 9. | Saurabh Sharma (232221020) M.Tech (VLSI) 2 nd Year | 2541 |
| 10. | Harkarandeep Singh (211220019) B.Tech ECE 4 th Year | ECE-6690, IN-2369 |
| 11. | Ujala (232221030) M.Tech ECE 4 th Year | 9391 |
| 12. | Manjot Kaur Channi (211220031) B.Tech. ECE 4 th 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 st 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 th 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.Vaithiyathan | AICTE sponsored ATAL FDP | December 16-21, 2024 |
| 12 | 12 th International Conference on Big Data Analytics in Astronomy, Science and Engineering | Dr. Shelly Sachdeva Dr. D.Vaithiyathan 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 Vaithiyathan | 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 | 202411103536 |
| 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"> Prof. (Dr.) Jyoteesh Malhotra Dr. Jaideep Kaur Mudhar Dr. Shalli Rani | 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"> 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 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. |

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 st July 2024-03 rd Aug. 2024 |
| 2 | 10 th IEEE Power India International Conference 2024 | Dr. Manoj Kumawat | IEEE | 10 th -12 th 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 Vehicules | 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 ₂ 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 https://doi.org/10.1007/978-3-031-68271-1_3 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 | 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 | Ms. Saumya Gupta IAS (TR-2004) Joint Secretary (NITs), MoE, Department of Higher Education |
| 4. | Member | Sh. Sanjog Kapoor JS & FA, Ministry of Education Department of Higher Education |
| 5. | Member | Prof. (Dr.) T.R Sreekrishnan Department of Biochemical Engineering and Biotechnology, IIT Delhi |
| 6. | Member | Prof. (Dr.) Geeta Sikka Dean (Academic) |
| 7. | Member | Dr. V. S. Pandey Dean (Student Welfare) |
| 8. | Secretary | Prof. (Dr.) Hitesh Sharma 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 Divedi 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. Mandeep | 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 Jaipurkar, 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/Expenditure | 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)**



Separate Audit Report on the Accounts of National Institute of Technology, New Delhi

A. Income & Expenditure Account

A.1 Income

A.1.1 Grants/Subsidies/IRG (Schedule-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 1stApril 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 31stMarch 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 |
| Total | | | 7,72,04,22,428 | 5,88,43,32,988 |
| Application Of Funds | | Schedule | Current Year | Previous Year |
| Fixed Assets | | | | |
| 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 |
| Investments - From Earmarked/Endowment Funds | | 5 | | |
| Long Term | | | - | - |
| Short Term | | | - | - |
| Investments - Others | | 6 | | |
| Current Assets | | 7 | 1,29,46,99,207 | 1,00,29,78,976 |
| Loans & Deposits | | 8 | 1,71,89,67,082 | 1,18,02,72,811 |
| Total | | | 7,72,04,22,428 | 5,88,43,32,988 |
| 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 |
| Total (A) | | 74,19,31,423 | 57,23,84,248 |
| 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 | | - | - |
| Total (B) | | 61,35,19,727 | 50,35,33,594 |
| Balance being excess of Income over Expenditure (A-B) | | 12,84,11,696 | 6,88,50,654 |
| Balance Being Surplus/Deficits Carried To Capital/Corpus Fund | | 12,84,11,696 | 6,88,50,654 |


Superintendent
NIT Delhi


Asstt.Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 18/06/2025
Place: Delhi



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

| Receipts | Annexure | Amount In Rs. | | Payments | Annexure | Amount In Rs. | |
|---|----------|-----------------------|-----------------------|---|----------|-----------------------|-----------------------|
| | | Current Year | Previous Year | | | Current Year | Previous Year |
| I Opening Balance | | | | I. Expenses | | | |
| (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 |
| II Grant Received(Sch-3(c)) | | | | -- 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 | | | | |
| III Academic Receipts | 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 |
| IV Security Deposit from Students | | | | II. Payment Against Earmarked/Endowment Fund | | | |
| -- Increase in Hostel Security Deposit | | 19,10,000 | 30,68,000 | III. Payment Against Sponsored Projects | 3 | 2,24,82,331 | 1,03,82,801 |
| -- Increase in Mess Security Deposit | | 19,10,000 | 30,60,000 | IV. Payment Against Sponsored Fellowship and Scholarship | | | |
| -- Increase in Caution Money | | 66,28,000 | 98,10,000 | V. Investments and Deposit made | | | |
| V Receipts Against Earmarked/Endowment Fund | | | | -- Out of Earmarked/Endowments Funds | | | |
| VI. Receipts Against Sponsored Projects | 3 | 2,29,34,772 | 1,24,80,938 | -- Out of Own Funds | | | |
| VII. Receipts Against Sponsored Fellowship and Scholarship | | | | VI. Term Deposit with Schedule | | | |
| VIII. Income On Investments | | | | VII. Expenditure On Fixed Assts and Capital | | | |
| --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 |
| IX. Interest Received on | | | | VIII. Other Payment Inculde Statutory Payment | | | |
| -- Bank Deposit | | - | - | IX. Refund Of Grants | | | |
| -- Loan & | | - | - | X. Deposites & Advances | | 53,36,50,239 | 14,64,79,526 |
| -- Saving Bank Accounts | 7 | 29,90,259 | 18,35,984 | XI. Other Payments | | | |
| X. Investments encashed | | | | -- Payments of EMD | | 4,83,790 | - |
| XI. Term Deposits with Scheduled Banks encashed | | | | -- Payable to Students | | - | - |
| XII. Other Income (Including Prior Period Income) | 2 | 68,72,593 | 96,79,679 | -- Misc Payments | | 2,86,739 | 2,96,88,701 |
| XIII. Deposits ands | | | | -- Payment of Security Deposits | | - | 1,61,050 |
| XIV. Miscellaneous Receipts | | | | -- Increase in Debtor | | - | 55,87,133 |
| XV. Any Other Receipts | | | | -- 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 | | - | - | XII. Closing Balance | | | |
| -- Project expense | | - | 25,593 | (1) Cash Balance (Include Imprest) | | | |
| --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 |
| Total | | 3,44,97,64,875 | 2,52,07,54,359 | Total | | 3,44,97,64,875 | 2,52,07,54,359 |


Superintendent
NIT Delhi


ASST Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 18/06/2025
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 |
| 1 | <u>Academic Receipts</u> | |
| | 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 | - |
| | Balance To Receipts & Payments A/c | 17,79,52,298 |
| 2 | <u>Other Income</u> | |
| | 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 | - |
| | Balance To Receipts & Payments A/c | 68,72,593 |
| 3 | <u>Receipts Against Sponsored Projects</u> | |
| | As per Sch-3(A) | 2,29,38,606 |
| | Less: Accrued during the year 2024-25 | 3,834 |
| | Balance To Receipts & Payments A/c | 2,29,34,772 |
| | Payments Against Sponsored Projects | 2,24,82,331 |
| | Balance To Receipts & Payments A/c | 2,24,82,331 |
| 4 | <u>Establishment Expenses</u> | |
| | 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 |
| | Balance To Receipts & Payments A/c | 19,25,72,059 |
| 5 | <u>Academic Expenses</u> | |
| | 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 | - |
| | Balance To Receipts & Payments A/c | 1,31,02,370 |

Registrar Hon'ble Director



| | | |
|---|--|---------------------|
| 6 | Administration Expenses | |
| | 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 |
| | 25,71,77,428 | |
| 7 | Intt. Recd. On Savings | |
| | 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 | - |
| | 29,90,259 | |

Registrar
NIT Delhi

Director
NIT Delhi



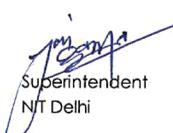
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Corpus/Capital Fund

Schedule 1

Amount in Rs.

| S.No. | Particulars | Current Year | Previous Year |
|----------|---|-----------------------|-----------------------|
| A | 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 | - | - |
| | Total (A) | 5,71,07,00,771 | 4,70,50,25,834 |
| B | Suplus/(Deficift) 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) | - |
| | Total (B) | 93,38,06,095 | 69,69,83,879 |
| | Total (A+B) | 6,64,45,06,866 | 5,40,20,09,713 |


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 | Allurmit 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. | | | | | | | | | | | | | | | |
| a.) 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total (A) | - | - | - | - | - | - | - | - | - | - | - | - | - | 16,14,98,016 | - |
| B. | | | | | | | | | | | | | | | |
| Utilization/Exp. Towards objects of the Funds | | | | | | | | | | | | | | | |
| l.) Capital Expenditure | | | | | | | | | | | | | | | |
| ll.) Revenue Expenditure | | | | | | | | | | | | | | | |
| Total (B) | | | | | | | | | | | | | | 2,93,15,598 | |
| Less Transferred to Current Liabilities Schedule 3 | | | | | | | | | | | | | | 2,93,15,598 | |
| Closing balance at the year end (A-B) | | | | | | | | | | | | | | 13,21,82,417 | |

Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Supervisor
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. | 10. Endowment | 11. Accumulated Interest | | |
| | | - | - | - | - | - | - | - | - | - | - | - |
| | | - | - | - | - | - | - | - | - | - | - | - |
| | Total | - | - | - | - | - | - | - | - | - | - | - |

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 | |
| A | Current Liabilities | | | | |
| 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) | Allumni 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) | (I Awadh) 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_AAAPP0297Q | 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 |
| | Total (A) | | 97,77,10,169 | | 40,62,83,077 |
| B | Provisions | | | | |
| 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 |
| | Total (B) | | 9,82,05,393 | | 7,60,40,197 |
| | Total (A+B) | | 1,07,59,15,562 | | 48,23,23,274 |

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-ID1/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 Datal | 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) | - | (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 (SW EETY) | - | - | 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 | - |
| | Total | 93,78,919 | - | 1,81,93,722 | 2,75,72,641 | 1,70,51,196 | 1,05,21,445 | - |

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 | Agmatol India Pvt Ltd | - | - | 1,00,000 | 1,00,000 | - | 1,00,000 | - |
| 2 | IEEEe 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 | - |
| | Total | 5,71,038 | - | 47,44,884 | 53,15,922 | 54,31,135 | (1,15,213) | - |


Superintendent
NIT Delhi

Date: 18/06/2025
Place: Delhi


Asstt. 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 CR. | 4 DR. | 5 CR. | 6 DR. | 7 CR. | 8 DR. |
| 1 | University Grants Commission | - | - | - | - | - | - |
| 2 | Ministry | - | - | - | - | - | - |
| 3 | Grant Received CISR | - | - | - | - | - | - |
| 4 | Grant Received (Mumbai) | - | - | - | - | - | - |
| | Total | - | - | - | - | - | - |


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 |
| Grant From Government of India | | |
| A. OH-31 (General) | | |
| 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 | - | - |
| Total(a) | 25,84,00,000 | 19,89,48,517 |
| Less Refunds | | |
| Less: Utilized for Revenue Expenditure | 28,75,81,082 | 19,89,48,517 |
| Less: Transferred to projects | - | - |
| Total (b) | 28,75,81,082 | 19,89,48,517 |
| Unutilized carried forward (a-b) | (2,91,81,082) | 0 |
| B. OH 35 - (Creation of Capital Assets) | | |
| 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 | - | - |
| Total(c) | 1,77,42,81,975 | 1,11,47,10,971 |
| Less Refunds | | |
| Less: Utilized for Capital expenditure | 1,10,91,34,843 | 97,94,28,996 |
| Less: Transferred to projects | - | - |
| Total (d) | 1,10,91,34,843 | 97,94,28,996 |
| Unutilized carried forward (c-d) | 66,51,47,132 | 13,52,81,975 |
| C. OH 36 - (Salary) | | |
| 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 |
| Total(e) | 19,74,00,000 | 16,37,59,089 |
| 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 | - |
| Total (f) | 19,74,00,000 | 16,37,59,089 |
| Unutilized carried forward (e-f) | (0) | - |
| D. Grants from State Govt. | | |
| Balance B/F | - | - |
| Add: Receipts during the year | - | - |
| Total(g) | - | - |
| Less Refunds | | |
| Less: Utilized for Revenue Expenditure | - | - |
| Less: Utilized for Capital expenditure | - | - |
| Total (h) | - | - |
| Unutilized carried forward (g-h) | - | - |
| Grand Total (A+B+C+D) | 63,59,66,050 | 13,52,81,975 |

Sub-Committee Member
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 Rs. |
|----------|---------------------------------------|-----------------------|-----------|------------|-----------------|-----------------------|-------------------------|----------------------|-------------|--------------------|--------------------------|--------------------------|---------------|
| | | 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 | Balance as on 31.03.2024 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| A | Tangible Assets (A) | | | | | | | | | | | | |
| 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 | - | - | 35,70,359 | 1,08,45,321 | 3,87,58,787 | 3,46,87,270 | |
| 6 | Lab Equipments for CVD 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 IAE | 2,09,82,966 | 44,85,967 | - | 2,54,68,933 | 22,78,788 | - | - | 18,55,212 | 41,34,000 | 2,13,34,933 | 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 | 8,96,216 | - | - | 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 | 59,26,730 | 1,11,864 | - | 60,38,594 | 30,09,792 | - | - | 2,42,304 | 32,52,096 | 27,86,498 | 29,16,938 | |
| 12 | Mass Equipments | 11,80,425 | - | - | 11,80,425 | 1,81,313 | - | - | 79,929 | 2,61,242 | 9,19,183 | 9,99,112 | |
| 13 | Lab Equipments for Dept of AS | 1,02,55,922 | - | - | 1,02,55,922 | 11,69,857 | - | - | 7,26,965 | 18,95,822 | 83,60,100 | 90,87,065 | |
| b | Office & Office Equipments | | | | | | | | | | | | |
| 1 | AF Conditions | 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 | Bornette's Machine | 1,95,132 | - | - | 1,95,132 | 62,131 | - | - | 9,975 | 72,106 | 1,23,026 | 1,33,001 | |
| 3 | Bleed 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 | - | - | 34,184 | 6,27,964 | 4,21,598 | 4,55,781 | |
| 5 | Comara | 4,01,517 | 1,91,475 | - | 5,92,992 | 81,923 | - | - | 36,330 | 1,20,253 | 4,72,739 | 3,19,574 | |
| 6 | Colfax Machine | 98,438 | - | - | 98,438 | 64,749 | - | - | 2,527 | 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 | - | - | 3,353 | 53,647 | 41,353 | 44,706 | |
| 10 | Gyax | 8,15,697 | - | - | 8,15,697 | 4,63,806 | - | - | 26,392 | 4,90,198 | 3,25,499 | 3,51,891 | |
| 11 | Gross Culling 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 Remover | 14,175 | - | - | 14,175 | 6,501 | - | - | 384 | 6,885 | 7,290 | 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 | - | - | 68,663 | 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 | Microvaux | 53,927 | 14,640 | - | 68,567 | 13,842 | - | - | 4,056 | 17,897 | 50,020 | 39,435 | |
| 18 | Mixer Grinder | 2,484 | - | - | 2,484 | 201 | - | - | 186 | 388 | 2,998 | 2,485 | |
| 19 | Mobile Phone & Telephone Set | 10,22,339 | - | - | 10,22,339 | 3,81,973 | - | - | 48,027 | 4,30,000 | 5,92,339 | 6,40,346 | |
| 20 | Monitors Screen | 850,000 | - | - | 850,000 | 43,529 | - | - | 1,855 | 53,344 | 22,636 | 24,471 | |
| 21 | Musical Instruments | 1,00,000 | - | - | 1,00,000 | 48,663 | - | - | 3,859 | 52,513 | 47,467 | 31,336 | |
| 22 | Office Equipments | 61,14,814 | 61,065 | - | 61,75,879 | 23,95,388 | - | - | 2,83,447 | 26,79,835 | 34,75,844 | 37,18,226 | |
| 24 | Refrigerator | 2,18,687 | 49,350 | - | 2,68,037 | 94,240 | - | - | 13,035 | 1,07,275 | 1,60,762 | 1,24,447 | |
| 25 | RO System | 6,87,160 | - | - | 6,87,160 | 2,19,613 | - | - | 35,056 | 2,54,679 | 4,32,481 | 4,67,547 | |
| 26 | Room Heaters | 1,92,756 | - | - | 1,92,756 | 1,13,755 | - | - | 5,925 | 1,19,680 | 73,076 | 79,001 | |
| 27 | Shredder Machine | 3,42,593 | - | - | 3,42,593 | 2,04,721 | - | - | 10,340 | 2,15,061 | 1,27,552 | 1,37,872 | |
| 28 | Surface Grinder Machine | 2,48,095 | - | - | 2,48,095 | 18,607 | - | - | 17,212 | 35,819 | 2,12,276 | 2,29,488 | |
| 29 | Sweeping Machine | 22,75,800 | - | - | 22,75,800 | 1,70,685 | - | - | 1,57,884 | 3,28,569 | 19,47,231 | 21,05,115 | |
| 30 | Television & LED | 13,98,636 | 4,90,371 | - | 18,89,007 | 8,54,430 | - | - | 77,593 | 9,32,024 | 9,56,983 | 5,44,206 | |
| 31 | Telephone Sets | 21,11,404 | - | - | 21,11,404 | 74,921 | - | - | 74,921 | 1,18,732 | 9,24,032 | 9,98,953 | |
| 32 | Water Cooler | 8,67,424 | - | - | 8,67,424 | 5,23,951 | - | - | 25,760 | 5,49,712 | 3,17,712 | 3,43,473 | |
| 33 | Washing Machine | 3,16,372 | 55,500 | - | 3,71,872 | 40,867 | - | - | 24,825 | 65,692 | 3,06,180 | 2,75,505 | |
| 34 | Pedestal Fan | 24,975 | - | - | 24,975 | 3,606 | - | - | 1,603 | 5,208 | 19,767 | 21,369 | |
| 35 | Horticulture Equipment | 6,96,941 | - | - | 6,96,941 | 69,995 | - | - | 47,471 | 1,11,466 | 5,85,475 | 6,32,946 | |
| 36 | Agriculture Leveller | 41,000 | - | - | 41,000 | 5,919 | - | - | 2,631 | 14,438 | 32,450 | 35,081 | |
| 37 | Web Camera | 19,265 | - | - | 19,265 | 14,047 | - | - | 3,68,519 | 1,57,530 | 45,450,62 | 49,13,581 | |
| 38 | Gym Equipments | 57,02,592 | - | - | 57,02,592 | 7,89,011 | - | - | 3,68,519 | 11,57,530 | 45,450,62 | 49,13,581 | |
| 39 | Sports 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 | 2,76,189 |
| 41 | Air Purifier | 1,12,004 | - | - | 1,12,004 | 52,107 | - | 4,492 | 7.5% | 56,599 | 55,405 | 59,897 |
| 42 | Flood Light LED | 28,600 | - | - | 28,600 | 11,470 | - | 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% | 1,30,883 | 2,64,420 | 2,15,419 |
| 44 | Speaker | 80,877 | - | - | 80,877 | 12,833 | - | 5,103 | 7.5% | 17,937 | 62,940 | 68,044 |
| 45 | Temporary In Shield | 66,080 | - | - | 66,080 | 9,540 | - | 4,240 | 7.5% | 13,781 | 52,299 | 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 | - |
| c Furniture, Fixture & Fittings | | | | | | | | | | | | |
| 1 | Cooler | 46,300 | - | - | 46,300 | 23,233 | - | 1,730 | 7.5% | 24,963 | 21,337 | 23,067 |
| 2 | Electric Installation | 27,22,394 | 25,18,415 | - | 52,40,809 | 6,08,752 | - | 23,1603 | 5.0% | 8,40,355 | 44,00,454 | 21,13,442 |
| 3 | Electric Fan | 11,105 | - | - | 11,105 | 555 | - | 507 | 5.0% | 1,083 | 10,022 | 10,550 |
| 4 | Exhaust Fan | 98,832 | - | - | 98,832 | 68,591 | - | 2,270 | 7.5% | 70,861 | 27,991 | 30,261 |
| 5 | Fire Extinguisher | 21,98,42,923 | 24,780 | - | 2,03,970 | 92,721 | - | 8,344 | 7.5% | 1,01,064 | 1,02,906 | 86,469 |
| 6 | Furniture, Fixture & Fittings | 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 | Indeo Map (frameed) | 25,500 | - | - | 25,500 | 3,682 | - | 1,636 | 7.5% | 5,118 | 20,482 | 21,818 |
| 8 | Main Gate (Iron) | 247,800 | - | - | 247,800 | 35,774 | - | 15,902 | 7.5% | 51,678 | 1,96,122 | 2,12,024 |
| 9 | LED Light | 6,60,132 | - | - | 6,60,132 | 3,52,146 | - | 15,399 | 5.0% | 3,67,545 | 2,92,587 | 3,07,982 |
| 10 | Partition | 6,32,244 | - | - | 6,32,244 | 47,418 | - | 43,862 | 7.5% | 91,280 | 5,40,964 | 5,84,832 |
| 11 | Periscope | 35,20,831 | - | - | 35,20,831 | 18,43,306 | - | 1,25,814 | 7.5% | 19,69,121 | 15,51,710 | 16,77,525 |
| 12 | Sign Board | 5,53,971 | - | - | 5,53,971 | 2,90,224 | - | 19,781 | 7.5% | 3,10,065 | 2,63,846 | 2,63,742 |
| 13 | Transformer | 131,482 | - | - | 131,482 | 69,713 | - | 4,148 | 7.5% | 74,340 | 67,022 | 61,549 |
| 14 | Wall Iron | 25,274 | - | - | 25,274 | 1,878 | - | 1,753 | 7.5% | 3,649 | 21,625 | 23,578 |
| 15 | Staircase | 22,845 | - | - | 22,845 | - | - | 1,713 | 7.5% | 1,713 | - | - |
| d Computer Peripherals | | | | | | | | | | | | |
| 1 | Computer | 7,15,1283 | 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 | 90,26,250 | - | 50,50,631 | 20.0% | 1,40,76,881 | 2,02,02,925 | 2,51,72,438 |
| 3 | Projectors | 13,61,501 | - | - | 13,61,501 | 13,61,501 | - | - | 20.0% | 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 | 1,31,03,388 | - | 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 | - | - | 20.0% | 8,45,928 | - | - |
| 7 | Server | 82,14,695 | - | - | 82,14,695 | 82,14,695 | - | - | 20.0% | 82,14,695 | - | - |
| e Vehicle | | | | | | | | | | | | |
| 1 | Vehicle | 98,93,494 | 25,54,425 | - | 1,24,47,919 | 20,42,250 | - | 10,40,567 | 10.0% | 30,82,817 | 93,65,101 | 78,51,243 |
| f Building | | | | | | | | | | | | |
| 1 | Building | 2,44,66,78,805 | 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 | 7,61,9,1798 | 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 |
| Total (A) | | | | | | | | | | | | |
| | | 3,16,71,64,911 | 8,54,74,643 | - | 3,25,26,41,574 | 27,67,22,758 | - | 12,543 | 9.91.55.922 | 39,60,91,243 | 2,85,65,50,331 | 2,87,02,42,152 |
| B Capital Work In Progress | | | | | | | | | | | | |
| 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 |
| Total (B) | | | | | | | | | | | | |
| | | 80,82,59,596 | 1,02,57,29,119 | - | 1,83,39,88,715 | - | - | - | - | - | 1,83,39,88,715 | 80,82,59,596 |
| C Intangible Assets (C) | | | | | | | | | | | | |
| 1 | Software | 7,27,91,931 | 44,49,034 | - | 7,72,40,965 | 6,07,06,455 | - | 661,13,804 | 40% | 6,73,20,259 | 99,20,706 | 1,20,65,476 |
| 2 | E-Journals | 31,56,7,534 | - | - | 2,46,04,742 | 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 | 47,53,531 | - | - | 47,53,531 | 19,01,412 | - | 11,40,847 | 40% | 30,42,260 | 17,11,271 | 28,52,119 |
| Total (C) | | | | | | | | | | | | |
| | | 11,31,53,804 | 44,49,034 | - | 11,76,02,838 | 9,05,74,351 | - | 1,08,11,395 | 40% | 10,13,85,746 | 1,62,17,092 | 2,25,79,453 |
| Grand Total (A+B+C) | | 4,08,86,78,311 | 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]
Director
NIT Delhi

[Signature]
Director
NIT Delhi

[Signature]
Director
NIT Delhi

Date: 18/06/2025
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) | - | - | - | - |
| | Total | | - | | - |


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) | - | - | - | - |
| | Total | | - | | - |


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 | |
|----------|--|--------------------|--------------|-----------------------|---------------|-----------------------|
| 1 | Inventories: | | | | | |
| 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 |
| 2 | Sundry Debtors | Annexure 'G' | | 46,14,044 | | 1,02,64,244 |
| 3 | Cash balances in hand | | | | | |
| 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 |
| 4 | 4. Bank Balances: | | | | | |
| a) | With Scheduled Banks: | | | | | |
| 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-(41.50) | | 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) | Term Deposits | | | | | |
| 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 | 1,02,11,37,418 | 29,93,09,575 | 91,00,47,518 |
| | Total | | | 1,29,46,99,207 | | 1,00,29,78,976 |


Superintendent
NIT Delhi


Ass. 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 FDRs During the year 2024-25 | TDS (refund) by Bank | Interest Earned (Net of TDS) on FDRs 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 | 14500037132/1 | Canara Bank | 20-Sep-24 | - | - | - | 4,00,00,000 | 16,48,252 | - | 16,48,252 | - | - | - | - | 16,48,252 | 4,00,00,000 |
| 2 | 145000367465/1 | Canara Bank | 24-Feb-25 | - | - | - | 5,00,00,000 | 3,94,667 | - | 3,94,667 | - | - | - | - | 3,94,667 | 5,00,00,000 |
| 3 | 140108751665/1 | Canara Bank | 03-Sep-2023 | 3,10,88,253 | 3,84,472 | - | - | 17,00,570 | - | 17,00,570 | 3,10,88,253.00 | 20,85,042.00 | - | 3,31,73,295 | - | - |
| 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 | 11,50,272 | - | - | 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 | 3,79,348 | - | - | 8,23,668 | - | 8,23,668 | - | - | - | - | 8,23,668 | 1,13,77,648 |
| 13 | 214203000066320 | Bank Of Baroda | 06-Feb-25 | - | - | - | 25,00,00,001 | 29,87,903 | - | 29,87,903 | - | - | - | - | 29,87,903 | 25,00,00,001 |
| 14 | 303203000025914 | Bank Of Baroda | 04-Feb-25 | - | - | - | 6,00,00,000 | 7,51,774 | - | 7,51,774 | - | - | - | - | 7,51,774 | 6,00,00,000 |
| 15 | 303203000025915 | Bank Of Baroda | 04-Feb-25 | - | - | - | 6,00,00,000 | 7,51,774 | - | 7,51,774 | - | - | - | - | 7,51,774 | 6,00,00,000 |
| 16 | 30320300023916 | Bank Of Baroda | 04-Feb-25 | - | - | - | 5,00,00,001 | 6,26,479 | - | 6,26,479 | - | - | - | - | 6,26,479 | 5,00,00,001 |
| 17 | 303203000025997 | 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 | 50,54,788 | 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 | 22-02-2025 | 3,82,01,986 | - | - |



| | | | | | | | | | | | | | | | | | |
|--------------|--------------|------------|-----------|---------------------|--------------------|----------|--------------------|----------|----------|--------------------|---------------------|----------|-----------------|---------------------|--------------------|-----------------------|--------------|
| 26 | 461013000201 | ICICI Bank | 20-Sep-24 | - | - | - | 15,70,985 | - | - | - | 15,70,985 | - | - | - | - | 15,70,985 | 4,00,00,000 |
| 27 | 461013000220 | ICICI Bank | 04-Feb-25 | - | - | - | 3,47,339 | - | - | - | 3,47,339 | - | - | - | - | 3,47,339 | 3,00,00,000 |
| 28 | 461013000221 | ICICI Bank | 04-Feb-25 | - | - | - | 30,80,847 | - | - | - | 30,80,847 | - | - | - | - | 30,80,847 | 25,00,00,000 |
| Total | | | | 91,00,47,518 | 1,42,24,688 | - | 7,37,75,527 | - | - | 6,20,47,859 | 82,61,75,268 | - | 2,28,499 | 88,82,23,127 | 1,85,87,190 | 1,02,11,37,418 | |


Superintendent
NIT Delhi

Date: 18/04/2025
Place: Delhi


Asstt Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi



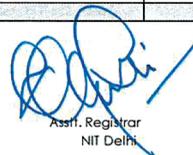
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Loans, s and Deposits

Schedule 8

| S.No. | Particulars | Amount in Rs. | | | |
|----------|---|----------------|-----------------------|----------------|-----------------------|
| | | Current Year | | Previous Year | |
| 1 | Advances to Employee:(Non Interest Bearing) | | | | |
| a) | Salary | - | - | - | - |
| b) | Festival | - | - | - | - |
| c) | For Expenses (Annexure 'F') | 2,59,195 | 2,59,195 | 2,30,399 | 2,30,399 |
| 2 | Long Terms to Employee :(Interest Bearing) | | | | |
| a) | VeHical Loan | - | - | - | - |
| b) | Home Loan | - | - | - | - |
| c) | Other to be Specified | - | - | - | - |
| 3 | Advances and other amounts recoverable in cash or in kind or for value to be received: | | | | |
| 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 |
| 4 | Prepaid Expenses | | | | |
| 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 |
| 5 | Deposits | | | | |
| 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 |
| 6 | Accrued Income : | | | | |
| 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 |
| 7 | Other - Current assets receivable from UGC/Sponsored Projects | | | | |
| 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 | - | - | - | - |
| 8 | Claims Receivable | | | | |
| 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 |
| | Total | | 1,71,89,67,082 | | 1,18,02,72,811 |


Superintendent
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Director
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Date: 18/06/2025
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Fee From Students

Schedule 9

Amount in Rs.

| S.No. | Particulars | Current Year | Previous Year |
|----------|---|---------------------|---------------------|
| 1 | Academic | | |
| 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 | - | - |
| | Total (A) | 12,17,46,516 | 9,47,61,131 |
| 2 | Examinations | | |
| 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 |
| | Total (B) | 12,12,800 | 8,69,100 |
| 3 | Other Fees/Charges | | |
| 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 |
| | Total (C) | 5,49,92,982 | 4,35,26,297 |
| 4 | Sale of Publication | | |
| a) | Sale of Admission forms | - | - |
| b) | Sale of Syllabus and Question Paper etc | - | - |
| c) | Sale of prospectus including admission forms | - | - |
| | Total (D) | - | - |
| 5 | Other Academic Receipts | | |
| a) | Registration Fee for WorkShop, Programme & Seminar & | - | - |
| b) | Registration Fee(Academic Staff College) | - | - |
| | Total (E) | - | - |
| | Grand Total (A+B+C+D+E) | 17,79,52,298 | 13,91,56,528 |


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NATIONAL INSTITUTE OF TECHNOLOGY DELHI

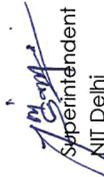
Grants / Subsidies (Irrevocable Grants Received)

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 ISA balance lapse as on 31.03.2025 | | | | - | - |
| Add: Unutilised Grant Transferred | | | | | 1,64,712 |
| 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 | - |
| Balance C/F (C) | (2,91,81,082) | 66,51,47,132 | (0) | 63,59,66,050 | 13,52,81,975 |

Amount in Rs.

*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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NATIONAL INSTITUTE OF TECHNOLOGY DELHI

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 |
| | Total | - | - | 7,37,77,487 | 5,90,04,451 |
| | Transferred To Earmarked/Endowment Funds | - | - | - | - |
| | Balance | - | - | 7,37,77,487 | 5,90,04,451 |


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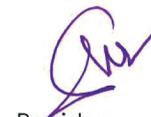
Interest Earned

Schedule 12

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


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NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Other Income

Schedule 13

| S.No. | Particulars | Amount in Rs. | |
|----------|--|------------------|------------------|
| | | Current Year | Previous Year |
| A | Income from Land & Buildings | | |
| 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. | - | - |
| | Total A | 9,26,804 | 6,74,953 |
| B | Sale of Institute's publications | - | - |
| C | Income from holding events | | |
| 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) | - | - |
| | Total C | - | - |
| D | Others | | |
| 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) | Owened 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 |
| i) | 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 |
| | Total D | 55,82,380 | 78,67,313 |
| | Grand Total (A+B+C+D) | 65,09,184 | 85,42,266 |


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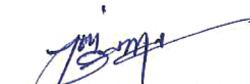
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Prior Period Income

Schedule 14

Amount in Rs.

| S.No. | Particulars | Current Year | Previous Year |
|--------------|--------------------------------------|---------------------|----------------------|
| 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 | - |
| | Total | 3,63,409 | 11,37,414 |


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NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Staff Payments & Benefits (Establishment Expenses)

Schedule 15

| S.No. | Particulars | Amount in Rs. | |
|-------|---|---------------------|---------------------|
| | | 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 | - |
| | Total | 21,49,95,664 | 18,03,51,129 |


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NIT Delhi

Date: 18/06/2025

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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 | - | - | - | - |
| | Total (A+B+C+D+E) | - | 67,22,409 | 1,54,42,787 | 2,21,65,196 |


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Director
NIT Delhi

Date: 18/06/2025
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Academic Expenses

Schedule 16

Amount in Rs.

| S.No. | Particulars | 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 (Accomodation 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 | - |
| | Others (specify) | | |
| 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 |
| | Total | 1,31,02,370 | 47,72,257 |


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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 |
|----------|---|---------------------|---------------------|
| 1 | Infrastructure | | |
| 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 |
| 2 | Communication | | |
| a) | Postage, Telephone, Fax and Internet Charges | 19,90,675 | 22,76,337 |
| 3 | Expenses on Contractual & Outsourced Employees | | |
| a) | Salary to Contractual Staff | 1,51,17,835 | 87,52,186 |
| b) | Outsourced Employees Expenses | 4,02,83,994 | 3,13,61,855 |
| 4 | Fest Expenses | | |
| a) | Zeal 2023 | - | 2,88,150 |
| b) | Work Shop/seminar/conference/Cultural Exps. | 7,33,496 | 9,82,920 |
| 5 | Others | | |
| 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 | - | - |
| | Total | 25,53,00,327 | 19,69,20,271 |


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NIT Delhi

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Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Transportation Expenses

Schedule 18

Amount in Rs.

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


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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 |
| | Total | 1,68,60,069 | 57,84,544 |


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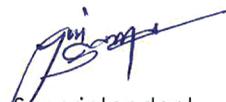
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Finance Costs

Schedule 20

Amount in Rs.

| S.No. | Particulars | Current Year | Previous Year |
|-------|--------------------|---------------|---------------|
| 1 | Bank Charges (IRG) | 16,135 | 21,745 |
| | Total | 16,135 | 21,745 |


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Date: 18/06/2025

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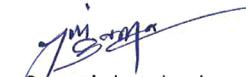


NATIONAL INSTITUTE OF TECHNOLOGY DELHI

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 | Others (specify) | | |
| | Blood Donation Camp Expenses | - | - |
| | Plant Acquisition | - | - |
| | Total | - | - |


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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 | - |
| | Total | 1,46,919 | 16,07,540 |


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 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 Kiral 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 | - |
| | Total | 15,123 | 35,39,889 |

Creditors-Others

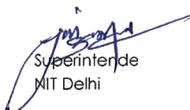
| S.No. | Particulars | Current Year | Previous Year |
|-------|--|--------------|---------------|
| 1 | AGK & Associates | - | 43,200 |
| 2 | Ajay Kumar Crs For Exp | - | 70,50,563 |
| 3 | Akkashh Bhardwaj | - | 11,285 |
| 4 | Akshay Enterprises | 922 | 4,91,968 |
| 5 | Amit Jyoti Power Electricals | 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-MTS) | 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 Khanajia (Crs for Exp) | 5,400 | - |
| 25 | BHEL Corporate Office | - | 9,000 |
| 26 | Central Bureau of Communication | 53,076 | - |
| 27 | Darakhshan 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 Srivastava 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 | III 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 | Pranjali 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 | - |
| | Creditor for Sitting Fees | | | |
| 131 | Binod Kumar Kanaujia (Sitting Fees Crs) | | 20,538 | - |
| 132 | Dr. Amandeep Kaur | | 3,618 | - |
| 133 | Dr Neena Sinha_BOYPS2610P | | 7,578 | - |
| 134 | Dr Neefesh Purohit_AHQPP3565Q | | 10,800 | - |
| 135 | Dr Pradeep Kumar Sui_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_AECPR0958L | | 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 | - |
| | Total | | 1,20,79,638 | 2,41,08,974 |


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 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 | - |
| | Total | 1,47,79,302 | 54,40,446 |


Superintendent
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 18/06/2025
Place: Delhi



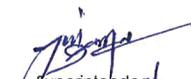
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

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 |
| | Establishment Expenses Payable | | | | |
| 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 |
| | Project Expenses Payable | | | | |
| 21 | SERB Dr Rikmantra Basu Pyable (CRG/2020/002966) | - | | 25,593 | |
| | | | | | 25,593 |
| | Other Payable | | | | |
| 22 | TDS Amount Reimbursable | 7,000 | | 7,000 | |
| 23 | Amount un-identified | - | 7,000 | 2,86,738 | 2,93,738 |
| | Total | | 3,34,35,975 | | 2,07,54,961 |


Superintendent
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 18/04/2025
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 Archtecturaal System (EMD) | 1,26,850 | 1,26,850 |
| 3 | Audsy Engineering & Marketing Pvt. Ltd. EMD | 23,600 | 23,600 |
| 4 | Balka Furnishaers 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 | Ether 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 | Jupiter 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 | - |
| | Total (A) | 7,49,745 | 21,44,016 |

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 Archtecturaal 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 Optix 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 (Trishul 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 |
| | Total (B) | | 26,44,934 | 17,34,453 |

| | | | | |
|--|--------------------------|--|------------------|------------------|
| | Grand Total (A+B) | | 33,94,679 | 38,78,469 |
|--|--------------------------|--|------------------|------------------|


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'

Amount in Rs.

| S.No. | Particulars | 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. Rikamntra Basu | - | - | 24,999 | 99,999 |
| | Total | | - | | 7,24,999 |


Superintendent
NIT Delhi


Asst. Registrar
NIT Delhi


Registrar
NIT Delhi


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 Vaiithyanathan | - | 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 | - |
| | Total | 2,59,195 | 2,30,399 |


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 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 | - |
| | Total | 46,14,044 | 1,02,64,244 |


Superintendent
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 18/06/2025

Place: Delhi

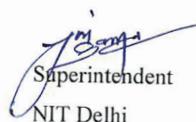


Schedule-23

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


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi



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 31st March, 2025 and Income & Expenditure Accounts for the year ended on that date.
10. No contingent liability exists as on 31st 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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Director
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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 | |
| NPS TIER-I Account | | 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 | | | |
| Total | 31357319 | Total | 31357319 |


Superintendent
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Registrar
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Director
NIT Delhi

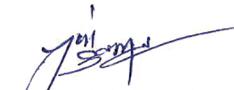
Date: 18/06/2025
Place: Delhi



**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 |
| Total | 0 | Total | 0 |


Superintendent
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Director
NIT Delhi

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 |
|-----------------------------------|----------------|--|----------------|
| NPS TIER-I Account | 2327378 | NPS TIER-I Account | 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 | | | |
| NPS TIER-I Account | 2702930 | | |
| Closing Balance (Payable) | | | |
| Total | 2702930 | Total | 2702930 |


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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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