

Annual Report & Annual Accounts (2018-2019)



National Institute of Technology Delhi

Annual Report & Annual Accounts (2018 - 2019)



राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली

NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(An autonomous Institute under the aegis of Ministry of HRD, Government of India)

Sector A-7, Institutional Area, Narela, Delhi - 110040 (INDIA)

Phone No. +9111-33861000-1006, Fax No. +9111-27787503

Website: www.nitdelhi.ac.in



TABLE OF CONTENTS

Topic		Page No.
A.	PART- I (Annual Report)	
1.0	Introduction	3
	1.1 Vision	3
	1.2 Mission Statement	3
	1.3 Quality Policy	3
	1.4 Education System	3
2.0	Overview	3
	2.1 Location	4
	2.2 Campus	4
	2.3 Status of Permanent Campus	5
	2.4 Administration	5
	2.5 Academic Programmes	5
	2.6 Academic Session	5
	2.7 Courses Offered	6
	2.8 Admission Procedure	6
	2.9 Students	7
	2.10 Examination & Evaluation (Grading System)	7
	2.11 Degree Requirements	11
	2.12 Sports & Games	12
	2.13 Placement	12
	2.14 Staff Position	12
	2.14.1 Chief Academic and Executive Officer	12
	2.14.2 Academic Staff: Sanctioned & Filled	12
	2.14.3 Non-Teaching Staff: Sanctioned & Filled	14
3.0	Staff	16
	3.1 Academic Staff (Teaching)	16
	3.2 Faculty and Staff	16
	3.3 Administrative and Other Staff	18
	3.3.1 General Administration	18
	3.3.2 Hostel Administration	18
4.0	Teaching Programs	19
	4.1 List of Toppers	19
	4.2 Admission Statistics	19
	4.3 Scholarships / Assistanceship	20
	4.4 Rules & Regulations of B.Tech. Programmes	21



	4.4.1 Registration	21
	4.4.2 Promotion Rules	21
5.0	Sports & Games	22
5.1	Sports and Games Facilities	22
	5.1.1 Outdoor Sports Facilities (Boys & Girls)	22
	5.1.2 Indoor Sports Facilities (Boys & Girls)	22
5.2	Events Organized by the Sports Section	22
5.3	Achievements of NIT Delhi at Inter NIT & other Competitions	24
6.0	Training & Placement	25
7.0	Arts and Cultural Activities	27
8.0	Research & Development	28
8.1	Ph.D. Programs- Existing and Proposed	28
8.2	Proposed Plan of Research	28
8.3	Workshops & Expert Lectures Organized / Attended / Delivered	30
8.4	Journal and Conference Papers Published	32
8.5	Research Projects	38
9.0	BOG & Other Committees	40
10.0	Central Facilities and Services	41
10.1	Computer Center	41
10.2	High Performance Computing Lab	41
10.3	Param Shavak - Super Computing Facility	42
10.4	Wi-Fi Enabled Campus	42
10.5	CCTV Surveillance	42
10.6	e-office	42
10.7	Video Conference	42
10.8	Enterprise Resource Planning (ERP)	42
10.9	VoIP with PRI Line	45
10.10	Software & Hardware	45
11.0	Library	46
12.0	Hostels	48
B.	PART –II (Audit Report & Annual Accounts)	
	Separate Audit Report (2018-19)	53
	Annual Accounts (2018-19)	63



DIRECTOR'S MESSAGE

From the Director's Desk...

It gives me great pleasure to present to you the Annual Report and Annual Accounts for the year 2018-2019 of NIT Delhi comprising of academic and co-curricular activities along with the audited balance sheet and accompanying SAR from CAG of India. I feel privileged to join and head NIT Delhi family as Director, NIT Delhi from 10 October 2018 onward. After my joining, I saw the significant academic and research activities, several social initiatives, ongoing construction activities at permanent site and found that Institute is excelling in all spheres. Students, Faculty and Staff are putting their sincere efforts for growth of the Institution in their capacities with high team spirit. NIT Delhi has sustained its commitment to the Vision, Mission and Quality Policy of the Institute.

I would like to mark the progress of ongoing construction activities at the permanent site of the NIT Delhi which are going in full swing and sooner, the Mini Campus, Administrative Block, Start-up Centre and Playground with required external development will be available for shifting from Transit Campus. The permanent campus will be well equipped with latest infrastructure and state of art technology enabled.

Currently, students are enrolled in three branches at undergraduate level, i.e. Computer Science and Engineering, Electronics and Communication Engineering and Electrical and Electronics Engineering. In the near future Institute has decided to start the programme for undergraduates in Mechanical Engineering and Civil Engineering. The M.Tech and PhD Programmes are also running at the Institute. Further, I have decided to recruit more number of talented faculty members to mould and build the Engineers of future nation, currently studying at the Institute. This year, few faculty members have gained the research projects from DST, SERB etc and I wish in near future, the number will rise exponentially. Institute has gradually several MOU with various R&D organizations/Institutes.

The placement record of the students is commendable leading to the strengthening relation between the Institute and industries. Students have been placed in renowned industries and resulting in strong Alumni of the Institute. The T&P Cell is constantly endeavouring with focus on the goal and objective of high placement and improvised packages for all students in each department.

The students are participating in inter-institute tournaments and are achieving success. Also, the Cultural Events, Technical Fest and Sports activities are conducted with full enthusiasm supported by all faculty and staff.

I would like to thank the officials of MHRD and Members of Board of Governors for their constant support provided in all aspects. I wish, the Institute will grow with more pace and momentum by planning strategically and above all with feeling of Professional Ethics and Good Governance.

Prof. Praveen Kumar
Director, NIT Delhi





Part - I

Annual Report

(2018 - 2019)





1.0 INTRODUCTION

National Institute of Technology Delhi (NIT Delhi) is an autonomous institute of national importance, established by an act of parliament in year 2010. NIT Delhi functions under the aegis of Ministry of Human Resource Development, Government of India. It aims to provide instructions and research facilities in various disciplines of Engineering, Science and Technology, Management, Social Sciences and Humanities for advanced learning and dissemination of knowledge.

1.1 VISION

Committed to holistic development of lives and society by imparting knowledge of science and technology and crystallizing the future.

1.2 MISSION STATEMENT

Application of knowledge through learning and inculcating research oriented mindset towards design and innovative development for realistic societal solutions.

1.3 QUALITY POLICY

- To create an environment for holistic learning and development.
- To provide academic excellence, good governance, team work, 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 bench marked 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 and environmental consciousness in the institute.

1.4 EDUCATION SYSTEM

NIT Delhi follows choice based credit system to develop holistic technical human resource of excellence suitable for global requirements as under:

- Choice based credit system: All the programmes follow the choice based credit system for teaching & evaluation. The academic year is divided into two semesters, namely, the Autumn and Spring semesters.
- Attendance: Attendance in all classes (lectures, tutorials, laboratories, workshops etc.) is compulsory. A student may be debarred from appearing in the examination on grounds of unsatisfactory attendance, which is less than 75% of number of classes held in each course.
- Registration: Every student is required to be present and register on the day of commencement of each semester as notified in the academic calendar. The registration is done online through the IMS (ERP) system.

2.0 OVERVIEW

National Institute of Technology Delhi (NITD) is one of the ten new NIT(s) established in the year 2010 by an act of parliament and has been declared as an Institute of national importance. NIT Delhi is an autonomous institute which functions under the aegis of Ministry of Human Resource Development, Government of India. It aims to provide instructions and research facilities in various disciplines of Engineering, Science and Technology, Management, Social Sciences and Humanities for advance learning and dissemination of knowledge.

NIT Delhi has started its initial academic session in 2010 at NIT Warangal with three undergraduate B. Tech. degree programmes in Computer Science and Engineering, Electronics and Communication Engineering & Electrical and Electronics Engineering. Later it moved to a temporary campus at Dwarka, New Delhi in June 2012 and now currently running at NILERD Campus, Narela (since February 2014).

Academic Programmes underway at NIT Delhi

Admission of students into undergraduate programme in Computer Science and Engineering, Electronics and Communication Engineering, and Electrical & Electronics Engineering started from the academic



session 2010-11 with first batch of 30 students in each discipline. The academic activities of NIT Delhi were initiated at NIT Warangal in the year 2010 which later moved to a temporary campus at Dwarka, New Delhi in June 2012 and presently running at NILERD Transit Campus, Narela since February 2014 with limited space of about 17 acres.

From the academic year 2013-14 the students intake in each B.Tech programme has increased to 60, M.Tech programme in the discipline of Electronics and Communication Engineering with student intake of 15 students was started from the academic year 2013-14 and in Computer Science and Engineering (Analytics) with an intake of 15 students in the academic year 2014-15. The M.Tech programmes were also started in Mechanical Engineering (CAD/CAM) from August, 2016 and in Electronics and Communication Engineering (VLSI Design) and in Electrical Engineering (Power Electronics and Drives) from August 2017. Admissions to all the UG programmes are through an all India level competitive exam (JEE-Main) followed by centralized counselling process of JoSAA and for all PG programmes on the basis of valid GATE score followed by centralized counselling process of CCMT.

In order to give boost to research activities, Ph.D. programmes were also started from January 2014, in Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering, Chemistry, Physics, Mathematics and Management.

Admissions to the B. Tech. programmes are based on the performance in the Joint Entrance Examination (JEE). Admissions to 50% of the seats are reserved for the students of Delhi & Chandigarh and the remaining 50% seats are made available for other states on the basis of All-India ranking of the aspiring applicants.

Admissions to the M. Tech. programmes are based on the performance in GATE (Graduate Aptitude Test in Engineering) examination followed by CCMT counseling.

While, admissions to Ph.D. Programmes are done twice in a year on the written entrance examination followed by personal interview conducted by respective departments.

2.1 LOCATION

National Institute of Technology Delhi is running academic and administrative activity from its transit campus (NILERD) located in Narela sub-city of North-west Delhi district of NCT. It is well connected by rail and road. The nearest Metro station is Jahangirpuri (16.2 kms) on yellow line of Delhi Metro rail system, whereas the airport is located at a distance of 38.2 kms, nearly 1 hour by road.



The location has good living environment with nearby market where almost all the basic amenities are easily available at numerous retail stores.

Contact:

National Institute of Technology Delhi

Sector A-7, Institutional Area Near Satyawadi Raja Harish Chandra Hospital, Narela, Delhi – 110040

Tel: 011 – 33861000-1006

Fax: 011 – 27787503

Email : director@nitdelhi.ac.in (Director)

Website : www.nitdelhi.ac.in

2.2 CAMPUS

The Institute's transit campus is spread over an area of 17 acres on picturesque landscape. It is a harmonious mix of natural beauty with state of art architecture. The campus is not fully residential, consisting of 06 staff quarters. Two hostels for boys are available one at SRHCH and another at TDI Kundli. Girl students have been accommodated in rented hostel at YWCA Rohini & a PG hostel has been developed within the campus. The campus is self-contained having student mess, shopping booth, HPMC Canteen, ATM, Students Activity Center and Guest House.



2.3 STATUS OF PERMANENT CAMPUS

The project planned to set up academic, residential and sports zones at the site situated at FA-7, ZONE P1 (Narela Sub city), New Delhi, India, shall include Academic Blocks, Administrative Block, Learning Centre, Mini Campus, Auditorium Block, Sports Complex, Hostels, Residential Blocks, Club, Guest House, Director Villa, Football Ground, Athletic track, Tennis court, Badminton court, Basketball Court, Swimming Pool etc. with Open air theatre and landscaping.

- The NBCC Ltd is the executing agency of permanent campus for NIT Delhi. The construction has been divided into four packages:
- Mini Campus Building:** The work of construction of Mini Campus was awarded by NBCC (India) Ltd. dated 23/11/2016. The current Physical and Financial progress is as under:

S.No.	Name of Work	Physical Progress	Financial Progress
1.	MINI CAMPUS BUILDING	66 %	60 %

- Administrative Block Building:** The work of construction of Administrative Block was awarded by NBCC (India) Ltd. dated 07/04/2017. The current Physical and Financial progress is as under:

S.No.	Name of Work	Physical Progress	Financial Progress
1.	ADMINISTRATIVE BLOCK BUILDING	75 %	68 %

- Start-Up Centre Building:** The work of construction of Start-Up Centre was awarded by NBCC (India) Ltd. dated 25/11/2016. The current Physical and Financial progress is as under:

S.No.	Name of Work	Physical Progress	Financial Progress
1.	START-UP CENTRE BUILDING	95 %	90 %

- Construction of Playground:** The work of construction of Play Ground was awarded by NBCC (India) Ltd. dated 23/11/2016 The current Physical and Financial progress is as under:

S.No.	Name of Work	Physical Progress	Financial Progress
1.	PLAYGROUND	95 %	86 %



2.4 ADMINISTRATION

National Institute of Technology, Delhi is an autonomous Institution under the aegis of Ministry of Human Resource Development. The institute functions under the overall control and guidance of the Board of Governors, with the other Statutory Authorities of the Institute being the Finance Committee, Building and Works Committee and the Senate. The constitution of the Board of Governors, Finance Committee, Building Works and other Committees are given in section 9. The administration of various Departments/ Centres in the Institute is looked after by respective Head of the Departments or Centre Heads.

2.5 ACADEMIC PROGRAMMES

In addition to Bachelor's and Master's Programmes in Engineering, Institute also offers Doctorate programmes in various branches of Engineering Applied Sciences. The academic programmes offered the institute are listed below:

- Bachelor of Technology (B.Tech.)
- Master of Technology (M.Tech.)
- Doctorate of Philosophy (Ph.D.)

2.6 ACADEMIC SESSION

Autumn semester: August, 2018 – December, 2018

Spring semester: January, 2019 – May, 2019



WORKING HOURS

The institute observes the daily routine working hours as under:

Working hours : 8:30 am to 5:30 pm (Monday to Friday)

Lunch break : 1.00 pm to 1.30 pm

2.7 COURSES OFFERED

Undergraduate Programmes

U.G. Programmes:

1. Computer Science and Engineering
2. Electronics and Communication Engineering
3. Electrical Engineering

P.G. Programmes:

1. Computer Science and Engineering (Analytics)
2. Electronics and Communication Engineering
3. Electronics and Communication Engineering (VLSI Design)
4. Mechanical Engineering (CAD/CAM)
5. Electrical Engineering (Power Electronics and Drives)

Ph.D. Programmes:

1. Computer Science and Engineering
2. Electronics and Communication Engineering
3. Electrical and Electronics Engineering
4. Mechanical Engineering
5. Applied Sciences (Physics, Chemistry, Mathematics, Environmental Sciences and Engineering)
6. Humanities & Management

The intake of students to these postgraduate programmes is 15 each.

Doctorate Programmes

The Institute offers Doctorate of Philosophy (Ph.D.) degree programme in following fields of Engineering and Applied Sciences:

- Computer Science and Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Chemistry
- Physics
- Mathematics

- Mechanical Engineering
- Humanities and Management
- Environmental Sciences

2.8 ADMISSION PROCEDURE

Under Graduate Programme

Admission for B.Tech programmes are made on the basis of the performance in the Joint Entrance Examination (JEE) for the Indian Nationals. Admissions to 50% of the seats are made amongst the students of Delhi & Chandigarh and the remaining 50% seats are made on the basis of All India ranking of the aspiring applicants. The admission procedure of B.Tech is through JoSAA CSAB. The JoSAA CSAB works under the directions of Government of India, MHRD and with full co-operation from National Informatics Centre (NIC), CBSE, and participating Institutions (PIs). The rules and regulations for the admission change from time to time. The main stages in the procedure are the conduct of the entrance test (JEE), conduct of on-line counseling, followed by reporting in allotted institute.

Admissions for foreign nationals are carried out by Direct Admission for Students Abroad (DASA) under the Ministry of HRD. The admissions are on the basis of the SAT score of the eligible candidates. The number of seats available for in this category at NIT Delhi is 15% of intake of each branch (i.e. Electronics and Communication Engineering, Computer Science and Engineering, and Electrical and Electronics Engineering).

Post Graduate Programme

Admissions to the M. Tech Programmes are made on the basis of performance in GATE (Graduate Aptitude Test in Engineering).

The admission to the M. Tech. is provided through CCMT. The idea behind the Centralized Counseling for M. Tech. is to accord convenience to the students under one platform for the admissions to the M.Tech. programmes at the participating institutes.

Eligibility Criteria

CCMT allows eligible students with valid GATE scores to apply for counseling through a common platform for the M.Tech. programmes at the NITs and other centrally funded institutes.



Admission is based on the GATE scores of the candidates and the choices filled in by them during option entry.

Ph.D. Programme

Advertisement for admission to the Ph.D. programme was published on the website / newspapers (two times in a year) in the month of April for the first semester (that starts in July) of the academic year and in the month of October for the second semester (that starts in January) of the academic year depending upon the vacancy in the department/centre and availability of research supervisor(s). A candidate interested in applying in more than one department/category was required to submit separate application forms along with prescribed fees and documents. The candidate was required to submit a write-up (1-2 pages) of his/her proposed area of research along with the application form.

Minimum Educational Qualifications for admission:

- Ph.D. in Engineering Discipline:**

Master's Degree in Engineering/Technology in the relevant area of research along with Bachelor's Degree in appropriate branch of Engineering/ Technology with a minimum of 60% marks or equivalent Cumulative Grade Point Average (CGPA) at Post Graduate and/or Bachelor's levels.

- Ph.D. in Sciences:**

Master's degree in appropriate branch of Sciences with a minimum of 60% marks or equivalent CGPA at the Master's and/or Bachelor's level. Candidates meeting this requirement must also have GATE score / CSIR / UGC (JRF) / NBHM award / fellowship.

- Ph.D. in Humanities/Management:**

Master's Degree in appropriate branch of Humanities / Social Sciences / Management with a minimum of 60% marks or equivalent CGPA at Master's and/or Bachelor's levels. Candidates meeting this requirement must also have UGC award/fellowship.

- A candidate who has obtained research scholarship on the basis of GATE score/ CSIR/ UGC/ NBHM fellowship will also have to qualify the Institute's written test and / or interview for admission to Ph.D. programme.

- 60% is equivalent to CGPA of 6.5 in 10 point scale and 55% is equivalent to CGPA of 6.0 in 10 point scale.

- Entrance test**

All the eligible candidates shall be required to appear in a National Level Written test to be organized by NIT Delhi. The written test is of Multiple Choice Question (MCQ) mode. A candidate securing atleast 40% marks in the entrance test shall be declared qualified in the test. The syllabus for the written test will be the same as the latest GATE/NET syllabus in related branch of Engineering/ Technology/ Science/ Humanities.

- Interview**

The eligible candidates who have qualified the Entrance test are called for the interview. At the time of interview, candidates are expected to discuss their research interest/ area of interest.

- Interview Committee**

The eligible candidates who have qualified the written test are called for the interview. At the time of interview, candidates may be asked to discuss their research interest/ area in the form of presentation.

After the interview, the committee recommends the name of candidates found suitable for admission to Ph.D. Programme for the approval of Chairman, Senate. The Dean notifies the list of selected candidates through appropriate means. The candidates are advised to check the NIT Delhi website and their email regularly to know their status.

2.9 STUDENTS

Admission Statistics

Total admitted students at UG, PG & PhD Level						
Course/Category	Open	SC	ST	OBC	DASA	Total
UG	72	27	15	55	13	182
PG	28	09	0	19	0	56
PhD	11	02	0	05	0	18
Total	111	38	15	79	13	256

2.10 EXAMINATION & EVALUATION (GRADING SYSTEM)

The grades and their description, along with equivalent numerical points wherever applicable are listed below:



Grade	Grade Points	Description
A+	10	Outstanding
A	9	Very Good
B+	8	Good
B	7	Average
C	6	Below Average
D	5	Marginal
F	0	Fail
R	0	Insufficient Attendance
NP	-	Audit Pass
NF	-	Audit Fail
I	-	Incomplete
W	-	Withdrawal
S	-	Satisfactory Completion
U	-	Unsatisfactory

The norms for the award of the letter grade are as follows:

- No student can be awarded D or better grade without securing at least 30% marks in any course.
- It is also mandatory that the student should secure at least 30% marks in the End Semester examination in the subject for award of D or better Grade.
- The Grading shall be relative grading system.

Description of Grades:

- **'A+' Grade:** The 'A+' grade stands for outstanding achievement. The minimum percentage for the award of an 'A+' grade is 80% at least. However, individual course coordinators may set a higher performance requirement. 'A+' grade may be given to a maximum of 5% students registered in a course.
- **'A, B+, B, C, D' Grades:** The class average marks (after excluding the marks obtained by students with A+ and F grade) should be in the mid – range of B grade and other grade (A, B+, C and D) ranges are to be fixed appropriately, so that, the distribution of number of students in the pass grades is a "near normal bell curve".
- **'F' Grade:** The 'F' grade denotes poor performance and indicates fail in a course. A student has an option to take the course with F grade either in study mode or

examination mode when offered next. A student with F grade is also eligible to take Make- up Examination. In case of the elective courses in which F grade has been obtained the student may take the same course or any other course from the same category. When a student gets F grade in any subject(s) during a semester, the SGPA of that semester and the CGPA at the end of that semester will be tentatively calculated by taking 'zero point' for these subject(s). After these transitional grades have been converted to appropriate grades, the SGPA for the semester and CGPA at the end of the semester will be recalculated after taking into account the new grades.

- **'R' Grade:** Students not having the mandatory requirement of minimum 75% attendance in any subject(s), shall not be permitted to appear for the end semester examination in that particular subject(s) and is awarded 'R' Grade in that subject(s). Such student has to register/repeat in study mode for the subject in which he/she has shortage of attendance, as and when the course will be offered next. When a student gets 'R' grade in any subject(s) during a semester, the SGPA of that semester and the CGPA at the end of that semester will be tentatively calculated by taking 'zero point' for these subject(s). After these transitional grades have been converted to appropriate grades, the SGPA for the semester and CGPA at the end of the semester will be recalculated after taking into account the new grades.
- **'NP and NF' grades:** The NP Grade denotes completion of the Audit course. The NF grade denotes Audit fail. These grades are awarded in a course that the student opts to audit. Only an elective course can be audited until one week after the mid semester examination. The Audit Pass (NP) is awarded if the student's attendance is above 75% in the class and he/she has obtained at least a D grade. The Course Coordinator can specify a higher criterion for audit pass at the beginning of the semester. If either of these requirements is not fulfilled, an audit fail (NF) is awarded. The grades obtained in an audit course are not considered for the calculation of SGPA or CGPA.
- **'I' grade:** If a student misses the end-semester examinations due to a compelling reason like serious illness of himself / herself which necessitates



hospitalization or a calamity in the family, he/ she may appeal to the Dean Academics before commencement of examination through his/her Head of the Department and Institute Medical Officer for permitting himself/ herself to appear in the subsequent examination(s), when conducted next. A committee consisting of the following members may, after examining the documents and being convinced about the merit of the case, recommend permitting him/her to appear in the subsequent re examination(s), when conducted next, condoning his/ her absence. In such cases transitory grade 'I' is temporarily awarded to the student in the subject.

Sub - committee:

- Dean-Academic, Chairman.
- Dean- Student welfare, Member.
- Concerned Head of the Department, Member.
- The Institute Medical officer, Member.
- The Assistant Registrar (Academic), Member.

When a student gets I Grade for any subject(s) during a semester, the SGPA of that semester and the CGPA at the end of that semester will be tentatively calculated ignoring this (these) subjects. After these transitional grades have been converted to appropriate grades, the SGPA for the semester and CGPA at the end of the semester will be recalculated after taking into account the new grades.

- **S and U grades:** The S grade denotes satisfactory performance and completion of a course. The U grade denotes unsatisfactory performance of a course and if it is a mandatory course, the student will have to register for the course until he/she obtains the S grade. The specific courses in which S/U grades are awarded are NCC/NSO/NSS, Extra Curricular Activity.

SGPA & CGPA Calculation

- A Semester Grade Point Average (SGPA) will be computed for each semester. The SGPA is calculated as follows:

$$\frac{\sum_1^n C_i GP_i}{\sum_1^n C_i}$$

where, C_i = Credit for the course

GP_i = the grade point obtained for the course

n = Number of subjects registered in the semester.

- Starting from I year II semester a cumulative Grade Point Average (CGPA) will be computed for every student at the end of every semester. The CGPA would give the Cumulative performance of the student from first semester up to the end of the semester to which it refers and calculated as follows:

$$CGPA = \frac{\sum_1^n S_i C_i}{\sum_1^n C_i}$$

where, n = the total number of semesters under consideration

C_i = Total number of credits registered during a particular semester

S_i = SGPA of the semester

The CGPA, SGPA and the grades obtained in all the subjects in a semester will be communicated to every student at the end of every semester except eighth semester. In its place a consolidated grade sheet is issued. This consolidated grade sheet supersedes all the earlier grade sheets.

Both SGPA and CGPA will be rounded off to the second place of decimal and recorded as such. Whenever these grade point averages are to be used for the purpose of determining the inter se merit ranking of a group of students, only the rounded off values will be used.

Assessment of Academic Performance

- **Theory Course:** 100 marks with the following weightages:

Continuous Evaluation	20 Marks
Mid Semester Examination	25 Marks
Marks for Course Attendance	5 Marks (Maximum)
End Semester Evaluation	50 Marks

Continuous evaluation comprises of class tests/surprise tests/assignments/quizzes, which will be decided by course coordinators.

Maximum 5 marks for course attendance is distributed as follows:

Attendance (% age)	Marks
75% and above	3
80% and above	4
90% and above	5

Attendance to be rounded off to the nearest integer.

- **Laboratory Course:** 100 marks with the following weightages:



Continuous Evaluation	50 Marks
End Semester Examination	50 Marks

The components of continuous evaluation, may be taken as following example for evaluation:

For Every laboratory course there will be 5 marks. Suppose number of labs conducted is 14 in that semester then 70 marks will be scaled down to 50 for continuous evaluation and if number of labs conducted is 8 then the 40 marks will be scaled up to 50.

5 marks of each laboratory will be given on following breakups by scaling down of total 50 marks.

Laboratory Report	10 marks
Viva Voce Laboratory	20 marks
Laboratory Performance	20 marks

The mode and nature of the evaluation and the corresponding weightages, for the subcomponent shall be intimated to the students at the beginning of the semester along with the lecture schedule.

- **Theory Course with Laboratory**

A course having theory as well as laboratory component will be evaluated with 60% weightages to theory and 40% weightages to laboratory for overall grading, with independent marking system given above for theory and laboratory courses.

Mid Semester and End Semester Examination:

The mid-semester examination are conducted after 7 or 8 weeks of commencement of the course, as notified in the academic calendar. The mid semester and end semester examinations are conducted centrally by the examination section.

- Students are not allowed to leave the examination hall without submitting the answers script. They are not permitted to enter the examination hall after 30 minutes of commencement of examination and to leave the examination hall half time of the closure of examination.
- **Re-Mid Examination:** If a student fails to appear for the mid semester examination in any subject(s) due to

compelling reason like serious illness of himself/herself which necessitates hospitalization, he/she shall apply to the Dean (Academic) along with relevant certificates and duly recommended by the respective Head of the department, within one week after completion of the examinations or as per the date notified by Dean (Academic). All such cases will be refereed by institute medical officer and scrutinized by a committee. On the recommendation of committee the approved list of candidates shall be permitted for a re-mid examination. The re-mid examination of such candidates will cover the course content upto one class day before the date of such re-exam.

- Students will be permitted to appear in the examinations in only those subjects for which they have registered either for study or for examination mode at the beginning of the semester.
- The final grades awarded to the students in a subject must be submitted by the course instructor/coordinator, within the dates mentioned in academic calendar or according to the notification by the office of Academics. The DAC-UG will compile all the grades submitted by the faculties of the respective departments and submit the final grades after moderation to the office of COE.
- Any change of grade of student in a subject consequent upon the detection of any genuine error of omission and/or commission on part of the concerned instructor must be recommended by the DAC-UG and shall be forwarded by the instructor/ coordinator through the Head of concerned department within 20 (twenty) days from the commencement of next semester.
- As a process of learning by students and also to ensure transparency the answer scripts after correction of class tests, mid semester examination etc. will be shown to the students within one week from the date of test / examination.
- In order to ensure transparency in the evaluation of the scripts of end semester examination, those answer scripts also will be shown to the students upto one day before the finalization of grades in DAC-UG. Once the grades are finalized by DAC-UG, the students will no longer have any right to verify his/her answer scripts.



- The student can appeal to DAAC for any arbitration with in twenty days from the date of official publication of the result in the institute website.
- A student of B. Tech. degree programme must complete the prescribed course work with a minimum requirement of 175 credits within a maximum period of eight years.
- A student who has passed all the courses without securing R, X, or F grades during the period of study and with a CGPA of 8.0 and above is considered eligible for the award of first division with distinction.
- A student failing to satisfy above rule even if he / she gets a CGPA of 8.0 or more will be eligible for the award of First division only.
- A student with the CGPA of 6.5 and above but less than 8.0 is considered eligible for the award of First division.
- A student with a CGPA of 5.0 and above but less than 6.5 is considered eligible for the award of second division.
- The valued scripts shall be preserved for a maximum period of 6 months after publication of results.
- Examination record of all students shall be maintained in both soft copy and hard copy form in the academic section.

Make Up Examination

Students appearing in Make-Up Examination shall be governed by the following rules:

- Students with 'R' grade are not eligible for writing the Make-Up examination.
- Students with 'F' or 'I' grade are only eligible to write Make-Up examination
- Make-Up examination is offered only once in an academic year, during summer.
- Make-Up examination will be in examination mode only.
- A student who has obtained 'F' grade in makeup examination may register in the subsequent semester for the course either for study or examination mode.
- The schedule for makeup examination is given in the academic calendar.
- A student can register for makeup examination in any number of courses.

- A student securing 30% or more marks in a course in the Make-Up examination shall be awarded only 'D' grade otherwise 'F' grade will be awarded.

Promotion rules

There are no restrictions for promotion from odd semester to even semester, however restrictions are imposed for promotion from even to odd semester. These restrictions are as follows:

From I Year to II Year: To be able to register in the third Semester, a student should have completed, with D or better grade, at least 30 credits at the end of first year (in first and second semesters and make up examinations put together).

From II Year to III Year: For promotion to Third year, a student should have (i) Cleared all the Course Work requirements of First Year and (ii) passed, with D or better Grade, at least 30 credits at the end of second year (third Semester, fourth semester and make up examinations put together).

From III Year to IV Year: For promotion to Fourth year, a student should have (i) Cleared all the Course Work requirements of first year, second year and (ii) passed, with D or better Grade, at least 30 credits at the end of third year (fifth semester, sixth semester and make up examinations put together).

2.11 DEGREE REQUIREMENTS

The requirements for a student to B. Tech. Degree program are as follows:

S. No.	Courses	Credits
1.	Basic Science Courses	≥ 24
2.	Departmental Core Courses	≥ 60
3.	Other Engineering Core Courses	≥ 30
4.	Humanities and Social Science Courses	≥ 10
5.	Departmental Elective Courses	≥ 15
6.	Open Elective Courses	≥ 03
7.	Mandatory Courses	≥ 09
8.	Projects	= 14



Mandatory Courses

S. No.	Courses	Credits
1.	Seminar / Colloquium / Industrial Lecture	02
2.	Environmental Studies	03
3.	Summer Internship	02
4.	Extra Academic Activity	02

Minimum Credits

The Departmental Board of Studies will discuss and finalize the exact credits offered for all the courses. The semester-wise distribution of the courses and credits as well as the syllabi of all B. Tech. Programmes offered by the department should be revised from time to time and recommend the same to the Senate for consideration and approval.

Major Project

The major project is a 14 credits course It carries 04 credits in seventh semester and 10 credits in eighth semester.

Minimum and Maximum Credit in a Semester

- The minimum number of credits that a student can register in any given semester is 16.
- Maximum number of credits that can be registered in a semester is 32 inclusive of backlog courses registered in study mode.
- Maximum credit registered is 35 inclusive backlog subject registered in study mode as well as examination mode.

2.12 SPORTS & GAMES

The students entering in the Institute are required to undergo two-credit mandatory courses in first year towards the completion of their degree. The students have to opt for one of these activities based on the enrolment procedure and their choice. A total of 100 hours of prescribed activities are to be completed after registration in the first year. In case the requirements are not met in the first year, the same shall be completed in the second year i.e. end of the 4th Semester. If a student does not obtain a satisfactory grade in the respective registered course within the first two years of his/her stay at the Institute, he/she will not be registered for the higher semester after second year.

The students will be satisfactorily allowed to register in sports activities of the institute as detailed in section 5.0.

2.13 PLACEMENTS

Placement of B.Tech. (2015-2019) and M.Tech. (2017-2019) batch

Campus Interviews were arranged for the final year B.Tech. and M.Tech. students. A handsome number of reputed Industrial houses in the country visited the Institution and selected/short listed the final year students as Engineers. Some of the Companies invited the students to their Corporate Offices for the interviews. (Details are given under section 6.0).

2.14 STAFF POSITION

2.14.1 Chief Academic and Executive Officer

Position	Name
Director	Prof. Praveen Kumar

2.14.2 Academic Staff: Sanctioned & Filled

Total Sanctioned Intake of Faculty (Category Wise)					
Course/Category	UR	SC	ST	OBC	Total
Professor	7	0	0	0	7
Associate Professor	14	0	0	0	14
Assistant Professor	16	04	02	07	29
Grand Total	37	04	02	07	50

Faculty in Position (category Wise) (Regular)					
Course/Category	UR	SC	ST	OBC	Total
Professor	0	0	0	0	0
Associate Professor	02	0	0	0	02
Assistant Professor	16	04	0	05	25
Grand Total	18	04	0	05	27

Faculty in Position (category Wise) (Contractual)						
Course/Category	UR	SC	ST	OBC	PwD	Total
Professor	0	0	0	0	0	0
Associate Professor	0	0	0	0	0	0
Assistant Professor	21	0	0	01	0	22
Grand Total	21	0	0	01	0	22



List of faculty as on 31.03.2019 (Regular)

S.No.	Name	Designation	Department
1	Dr. Vivek Shrivastava	Associate Professor	Electrical & Electronics Engineering
2	Dr. Shelly Sachdeva	Associate Professor	Computer Science & Engineering
3	Dr. Anshul Agarwal	Assistant Professor	Electrical & Electronics Engineering
4	Dr. Pankaj Mukhija	Assistant Professor	Electrical & Electronics Engineering
5	Dr. Amit Pratap Singh	Assistant Professor	Applied Sciences (Chemistry)
6	Dr. Rikmantra Basu	Assistant Professor	Electronics & Communication Engineering
7	Dr. Shakira Khan	Assistant Professor	Humanities & Management
8	Dr. Amit Mahajan	Assistant Professor	Applied Sciences (Mathematics)
9	Dr. Anmol Ratna Saxena	Assistant Professor	Electrical & Electronics Engineering
10	Dr. Gyanendra Sheoran	Assistant Professor	Applied Sciences (Physics)
11	Dr. Abhishek Mishra	Assistant Professor	Mechanical Engineering
12	Dr. Prashant Kumar	Assistant Professor	Applied Sciences (Mathematics)
13	Dr. Anuj Kumar Sharma	Assistant Professor	Applied Sciences (Physics)
14	Dr. Rajiv Kumar Tripathi	Assistant Professor	Electronics & Communication Engineering
15	Dr. Tirupathiraju Kanumuri	Assistant Professor	Electrical & Electronics Engineering
16	Dr. Vinay Shankar Pandey	Assistant Professor	Applied Sciences (Physics)
17	Dr. Anurag Singh	Assistant Professor	Computer Science & Engineering
18	Dr. Kapil Kumar	Assistant Professor	Environmental Sciences
19	Dr. Sachin Singh	Assistant Professor	Electrical & Electronics Engineering
20	Dr. Baljit Kaur	Assistant Professor	Electronics & Communication Engineering
21	Dr. D. Vaithyanathan	Assistant Professor	Electronics & Communication Engineering
22	Dr. Harish Kumar	Assistant Professor	Mechanical Engineering
23	Dr. Sandeep Kumar	Assistant Professor	Electronics & Communication Engineering
24	Dr. Sushila Vikas Maheshkar	Assistant Professor	Computer Science & Engineering
25	Dr. Amit Kumar Singh	Assistant Professor	Electrical & Electronics Engineering
26	Dr. Karan Verma	Assistant Professor	Computer Science & Engineering
27	Dr. Manisha Bharti	Assistant Professor	Electronics & Communication Engineering

List of faculty as on 31.03.2019 (Purely on Contract & Temporary Basis)

S.No.	Name	Designation	Department
1	Dr. Richa Mishra	Assistant Professor	Computer Science & Engineering
2	Dr. Arun Singh Pundir	Assistant Professor	Computer Science & Engineering
3	Hs. Sushma Hans	Assistant Professor	Computer Science & Engineering
4	Ms. Seema Kharb	Assistant Professor	Computer Science & Engineering
5	Dr. Sachin Agrawal	Assistant Professor	Electronics & Communication Engineering
6	Dr. Mahesh Kumar Singh	Assistant Professor	Electronics & Communication Engineering
7	Dr. Ankit Kajaria	Assistant Professor	Electronics & Communication Engineering
8	Dr. Jugul Kishor	Assistant Professor	Electronics & Communication Engineering
9	Dr. Maneesh Kumar Singh	Assistant Professor	Electronics & Communication Engineering



10	Dr. Arun Balodi	Assistant Professor	Electronics & Communication Engineering
11	Dr. Munshi Nurul Islam	Assistant Professor	Electronics & Communication Engineering
12	Dr. Chandra Shekhar Prasad	Assistant Professor	Electronics & Communication Engineering
13	Dr. Madhulika Das	Assistant Professor	Electrical & Electronics Engineering
14	Dr. Vinay Kumar Jadoun	Assistant Professor	Electrical & Electronics Engineering
15	Dr. Preeti	Assistant Professor	Electrical & Electronics Engineering
16	Dr. Konark Sharma	Guest Faculty	Electrical & Electronics Engineering
17	Dr. Servesh Kumar Agnihotri	Assistant Professor	Mechanical Engineering
18	Dr. Shrutidhara Sarma	Assistant Professor	Mechanical Engineering
19	Dr. Mukund Dutt Sharma	Assistant Professor	Mechanical Engineering
20	Dr. Rabia Kamra	Assistant Professor	Applied Sciences (Mathematics)
21	Dr. Shiti Malhotra	Assistant Professor	Applied Sciences (English)
22	Dr. Tulika Kakkar	Assistant Professor	Applied Sciences (English)

DST Inspire faculty

S.No.	Name	Designation	Department
1	Dr. Suman Srivastava	DST Inspire Faculty	Applied Sciences (Chemistry)

2.14.3 Non-Teaching Staff: Sanctioned & Filled:

Group A

S.No.	Post Name	Sanctioned Strength					Filled Positions					Vacant Position				
		Total	UR	SC	ST	OBC	Total	UR	SC	ST	OBC	Total	UR	SC	ST	OBC
1	Registrar	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0
2	Executive Engineer	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
3	Assistant Registrar	2	2	0	0	0	1	1	0	0	0	1	1	0	0	0
4	Assistant Librarian	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0
5	SAS Officer	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0
6	Medical Officer	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Total		7	7	0	0	0	4	4	0	0	0	3	3	0	0	0

Group B

S.No.	Post Name	Sanctioned Strength					Filled Positions					Vacant Position				
		Total	UR	SC	ST	OBC	Total	UR	SC	ST	OBC	Total	UR	SC	ST	OBC
1	Technical Assistant	9	6	1	0	2	3	3	0	0	0	6	3	1	0	2
2	Junior Engineer	2	2	0	0	0	2	2	0	0	0	0	0	0	0	0
3	Accountant	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
4	Secretary	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
5	Superintendent	3	3	0	0	0	1	1	0	0	0	2	2	0	0	0
6	Nurse	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Total		17	14	1	0	2	6	6	0	0	0	11	8	1	0	2



Group C

S.No.	Post Name	Sanctioned Strength					Filled Positions					Vacant Position				
		Total	UR	SC	ST	OBC	Total	UR	SC	ST	OBC	Total	UR	SC	ST	OBC
1	Assistant (SG II) / Sr. Stenographer	3	3	0	0	0	0	0	0	0	0	3	3	0	0	0
2	Senior Assistant	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
3	Stenographer	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
4	Junior Assistant	6	5	0	0	1	6	5	0	0	1	0	0	0	0	0
5	Work Assistant	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0
6	Technician	8	5	1	0	2	3	1	1	0	1	5	4	0	0	1
7	Laboratory Assistant	4	3	0	0	1	2	2	0	0	0	2	1	0	0	1
8	Multi Tasking Staff	7	5	1	0	1	5	4	0	0	1	2	1	1	0	0
Total		31	24	2	0	5	17	13	1	0	3	14	11	1	0	2
Total (A+B+C)		55	45	3	0	7	27	23	1	0	3	28	22	2	0	4

*One Multi Tasking Staff under OBC Category is relieved on lien for the period of one year.

Administrative & Technical Staff (regular)

S.No.	Name	Designation	Department
1	Sh. Sushil Kumar	Registrar	Administration
2	Dr. Manisha Singh	Assistant Registrar	Administration
3	Dr. Gareema Sharma	Assistant Librarian	Central Library
4	Dr. Anidev Singh	SAS Officer	Students Activity & Sports
5	Sh. Kamal Kumar	Junior Engineer (Civil)	Office of Dean (P&D)
6	Sh. Harpreet Singh Nanda	Superintendent	Store & Purchase Section
7	Sh. Sumit Sharma	Technical Assistant	ERP Cell
8	Sh. R.V.Bhaskaran	Technical Assistant	Electrical & Electronics Engineering
9	Sh. Surender Kumar	Technical Assistant	Electronics & Communication Engineering
10	Sh. Mukul Nakra	Junior Engineer (Electrical)	Office of Dean (P&D)
11	Sh. Raushan Kumar	Technician	Computer Centre
12	Sh. Vikas Bhardwaj	Technician	Computer Science & Engineering
13	Sh. Kamaljit Singh	Technician	Mechanical Engineering
14	Sh. Krishan Pal	Work Assistant	Mechanical Engineering
15	Sh. Neeraj Kumar	Junior Assistant	Establishment Section
16	Ms. Aditi Kandari	Junior Assistant	Central Library
17	Ms. Poonam Kamboj	Junior Assistant	Office of CoE
18	Ms. Anupriya Das	Junior Assistant	Office of Dean (Student Welfare), Chief Warden & Wardens, Training and Placement, Applied Sciences and Humanites & Management



19	Sh. Jitender Singh Bisht	Junior Assistant	Director's Office
20	Ms. Navisha Sharma	Junior Assistant	Store & Purchase Section
21	Sh. Shubham Bhardwaj	Laboratory Assistant	Applied Sciences (Chemistry)
22	Sh. Aadesh Kumar	Laboratory Assistant	Applied Sciences (Physics)
23	Sh. Lov Kumar Dubey	Multi Tasking Staff	Office of COE
24	Sh. Udit Sharma	Multi Tasking Staff	Accounts Section
25	Sh. Sonu Kumar	Multi Tasking Staff	Office of CSE
26	Sh. Anil*	Multi Tasking Staff	Accounts Section
27	Sh. Bharat Singh	Multi Tasking Staff	Training and Placement Cell

*Relieved on lien for the period of one year.

3.0 STAFF

3.1 Academic Staff (Teaching)

Head of the Departments

S.No.	Department	Name
1.	Computer Science & Engineering	Dr. Shelly Sachdeva
2.	Electronics & Communication Engineering	Dr. D. Vaithyanathan
3.	Electrical & Electronics Engineering	Dr. Anmol Ratna Saxena
4.	Applied Sciences	Dr. Amit Mahajan
5.	Humanities & Management	Dr. Amit Mahajan
6.	Mechanical Engineering	Dr. Harish Kumar

3.2 Faculty and Staff

Each department/centre is run by respective Head of the Department/ Coordinator along with faculty members. They provide implementation to the curriculum and provide essential inputs to the students in the related area. The faculty and their academic qualifications are listed as under:

Department

Computer Science & Engineering

1.	Dr. Shelly Sachdeva	Associate Professor	Ph.D.
2.	Dr. Anurag Singh	Assistant Professor	Ph.D.
3.	Dr. Karan Verma	Assistant Professor	Ph.D.
4.	Dr. Sushila Vikas Maheshkar	Assistant Professor	Ph.D.
5.	Dr. Richa Mishra	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
6.	Dr. Arun Singh Pundir	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
7.	Dr. Sushma Hans	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
8.	Ms. Seema kharb	Assistant Professor (Purely on Contractual/ Temporary)	M.Tech.



Electronics & Communication Engineering

1.	Dr. D. Vaithiyathan	Assistant Professor	Ph.D.
2.	Dr. Baljit Kaur	Assistant Professor	Ph.D.
3.	Dr. Rajiv K Tripathi	Assistant Professor	Ph.D.
4.	Dr. Rikmantra Basu	Assistant Professor	Ph.D.
5.	Dr. Sandeep Kumar	Assistant Professor	Ph.D.
6.	Dr. Manisha Bharti	Assistant Professor	Ph.D.
7.	Dr. Sachin Agrawal	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
8.	Dr. Mahesh Kumar Singh	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
9.	Dr. Ankit Kajaria	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
10.	Dr. Jugul Kishor	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
11.	Dr. Maneesh Kumar Singh	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
12.	Dr. Arun Balodi	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
13.	Dr. Munshi Nurul Islam	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
14.	Dr. Chandra Shekhar Prasad	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.

Electrical & Electronics Engineering

1.	Dr. Vivek Shrivastava	Associate Professor	Ph.D.
2.	Dr. Amit Kumar Singh	Assistant Professor	Ph.D.
3.	Dr. Anmol Ratna Saxena	Assistant Professor	Ph.D.
4.	Dr. Anshul Aggarwal	Assistant Professor	Ph.D.
5.	Dr. Pankaj Mukhija	Assistant Professor	Ph.D.
6.	Dr. Tirupathi Raju Kanumuri	Assistant Professor	Ph.D.
7.	Dr. Sachin Singh	Assistant Professor	Ph.D.
8.	Dr. Madhulika Das	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
9.	Dr. Vinay Kumar Jadoun	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
10.	Dr. Preeti	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
11.	Dr. Konark Sharma	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.

Applied Sciences & Humanities and Management

1.	Dr. Amit Mahajan	Assistant Professor	Ph.D.
2.	Dr. Amit Pratap Singh	Assistant Professor	Ph.D.
3.	Dr. Anuj Sharma	Assistant Professor	Ph.D.
4.	Dr. Gyanendra Sheoran	Assistant Professor	Ph.D.
5.	Dr. Kapil Kumar	Assistant Professor	Ph.D.
6.	Dr. Prashant Kumar	Assistant Professor	Ph.D.
7.	Dr. Shakira Khan	Assistant Professor	Ph.D.
8.	Dr. Vinay Shankar Pandey	Assistant Professor	Ph.D.
9.	Dr. Suman Srivastava	Assistant Professor (DST Inspire Faculty)	Ph.D.
10.	Dr. Rabia Kamra	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
11.	Dr. Shiti Malhotra	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.
12.	Dr. Tulika Kakkar	Assistant Professor (Purely on Contractual/ Temporary)	Ph.D.



Mechanical Engineering

1.	Dr. Abhishek Mishra	Assistant Professor	Ph.D.
2.	Dr. Harish Kumar	Assistant Professor	Ph.D.
3.	Dr. Serves Kumar Agnihotri	Assistant Professor	Ph.D.
4.	Dr. Shrutidhara Sarma	Assistant Professor	Ph.D.
5.	Dr. Mukund Dutt Sharma	Assistant Professor	Ph.D.

Training & Placement

1.	Dr. Kapil Kumar	T & P officer	Ph.D.
----	-----------------	---------------	-------

Library

1.	Dr. Gareema Sharma	Assistant Librarian	Ph.D.
2.	Ms. Aditi Kandari	Junior Assistant	Graduate

Sports

1.	Dr. Anidev Singh	SAS officer	Ph.D.
----	------------------	-------------	-------

3.3 Administrative and Other Staff

3.3.1 General Administration:

Sr. No.	Dean / Department	Name of Dean/ Incharge
1.	Dean Academics (I/C)	Dr. Rikmantra Basu
2.	Dean Faculty Welfare (I/C)	Dr. Rajiv Tripathi
3.	Dean Student Welfare (I/C)	Dr. Vivek Shrivastava
4.	Dean Research & Consultancy (I/C)	Dr. Vivek Shrivastava
5.	Dean Planning & Development (I/C)	Dr. Gyanendra Sheoran
6.	Computer Science & Engineering	Dr. Shelly Sachdeva
7.	Electronics & Communication Engineering	Dr. D. Vaithyanathan
8.	Electrical & Electronics Engineering	Dr. Anmol Ratna Saxena
9.	Mechanical Engineering	Dr. Harish Kumar
10.	Applied Sciences	Dr. Amit Mahajan
11.	Humanities & Management	Dr. Amit Mahajan

3.3.2 Hostel Administration

There are 2 boys and 2 girls hostels which are looked after by respective warden(s). However, the overall hostel administration is looked being of the by the Chief Warden. The hostel administration is as under:

Sr. No.	Name	Designation
1.	Dr. Vinay Shankar Pandey	Chief Warden
2.	Dr. Anshul Agarwal	Deputy Chief Warden & Warden (SRH Hospitla hostel)
3.	Dr. Shakira Khan	Warden, Girls Hostel (YWCA)
4.	Dr. Suman Srivastava	Warden, Girls Hostel (PG Girls Hostel NITD)



5.	Dr. Prashant Kumar	Warden, Boys Hostel (MF-2 Kundli)
6.	Ms. Sarika	Resident Warden (PG Hostel)
7.	Mr. Rakesh Rai	Resident Warden, Boys Hostel (SRH Hospital Hostel)
8.	Mr. Ranjeet Kumar Ambast	Resident Warden (Kundli Boys Hostel)

4.0 TEACHING PROGRAMS

4.1 List of Toppers

Following are the toppers of B.Tech. 2014-2018 Batch Department wise:

S. No.	Name of the Department	Name of Student
1.	Computer Science & Engineering	Talreja Tarun Pitamber
2.	Electronics & Communication Engineering	Sai Venkata Manohar V
3.	Electrical & Electronics Engineering	Jangamreddy Rajasekhar Reddy

Following are the toppers of M.Tech. 2016-2018 Batch Department wise:

S. No.	Name of the Department	Name of Student
1.	Computer Science & Engineering	Nidhi Singh
2.	Electronics & Communication Engineering	Anumol Dominic
3.	Mechanical Engineering	Tarun Verma

4.2 Admission Statistics

Total Sanctioned Intake of Students at UG & PG Level (2018-19)					
Course/ Category	Open	SC	ST	OBC	Total
UG	86	29	15	52	182 + 27#
PG	48	12	6	24	90 + 12#
Grand Total	134	41	21	76	272 + 39#
# DASA Students					

Total Actual Admission At UG & PG Level (Category Wise) (2018-19)						
Course/ Category	Open	SC	ST	OBC	DASA	Total
UG	72	27	15	55	13	182
PG	28	09	0	19	0	56
Grand Total	100	36	15	74	13	238

Branch - Wise Admission At UG Level (Category Wise) (2018-19)						
Course	Open	SC	ST	OBC	DASA	Total
CSE	23	10	04	19	07	63
ECE	26	08	03	18	05	60
EEE	23	09	08	18	01	59
Total	72	27	15	55	13	182



Branch Wise PG Admission (2018-19) (2018-19)						
Branch	General	OBC	SC	ST	DASA	Total
ECE	07	01	0	0	0	08
CSE	07	04	01	0	0	12
ME	05	06	02	0	0	13
EEE	05	05	01	0	0	11
VLSI	04	03	05	0	0	12
AS (SMT)	0	0	0	0	0	0
Total	28	19	09	0	0	56

Branch Wise Ph.D. Admission (2018-19)						
Branch	General	OBC	SC	ST	DASA	Total
AS	01	01	01	00	00	03
CSE	04	01	00	00	00	05
ECE	05	00	01	00	00	06
EEE	01	03	00	00	00	04
ME	00	00	00	00	00	00
Total	11	05	02	00	00	18

4.3 Scholarships / Assistanceship

The students of this institute are awarded various types of scholarships from various schemes of Central Govt., State Governments, Charitable Trusts/ Organizations. Following are the details of these schemes:-

S. No.	Name of the Scholarship	Name of the State / Jurisdiction	Number of students received scholarship
1	Central Sector Scheme of Scholarships for College and University Students	All India	04
2	Central Sector Scholarship of Top Class Education for SC Students: Ministry of Social Justice & Empowerment	All India	10
3	CRPF Merit Scholarship	All India	01
4	Delhi Police Education Fund (DPEF)	Delhi	01
5	Indian Air Force Benevolent Association (IAFBA)	under IAF Benevolent Association	02
6	Ishan Uday Special Scholarship Scheme for NER	All India	01
7	Merit-cum-means scholarship for professional and technical courses CS	All India	03
8	Mukhyamantri Medhavi Vidhyarthi Yojna (MMVY)	Madhya Pradesh	02
9	National Fellowship and Scholarship for higher education of ST students-Scholarship (Formally Top Class Education for Schedule Tribe Students) : Ministry of Tribal Affairs	All India	10
10	National Talent Search Examination (NTSE)	All India	03
11	Post Matric Scholarship for students with disabilities	All India	01
12	Prime Minister's Scholarship Scheme	All India	02
13	Prime Minister's Scholarship Scheme for Central Armed Police Forces and Assam Rifles	All India	05
14	Prime Minister's Scholarship Scheme for Ministry of Railways	All India	01



15	Samsung Star Scholarship	Private Scholarship	03
16	Scholarship for Top Class Education for students with disabilities	All India	01
17	Scholarship Programme for Diaspora Children (SPDC) Ministry of External Affairs	International Scholarship	04
18	Swami Dayanand Education Foundation	All India	01
19	Scheme of Post Matric Scholarship to the Other Backward (OBC)	Rajasthan	01
20	Mukhyamantri Sarvjan Uchha Shiksha Chhatravriti Yojana	Rajasthan	08
21	Scheme of Post Matric Scholarship for the Schedule Caste	Rajasthan	01

Students admitted to the M. Tech./Ph.D. Programmes are provided with Scholarship assistantships, fellowships, etc. as per the MHRD norms.

4.4 RULES & REGULATIONS OF B.TECH. PROGRAMMES

4.4.1 Registration

Batch 2015 Onwards:

Registration is an important 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 be present in person and register at the commencement of each semester on the day(s) fixed for and notified in the Academic calendar.
- Registration for all courses is organized centrally by the academics office in accordance with the respective departments.
- After registration in each semester, each student should collect a duplicate copy of the registration form, which indicates the courses registered by him/her in that semester, verified and signed by concerned authority.
- Registration by a student confirms his/her status as a student at the Institute. Failure to register before the last date for late registration will imply that the student has discontinued studies and his/her name will be struck-off the rolls.
- Every registered student is considered as a full-time student at 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 with F or I grade the student has the option to register either in study or examination mode.
- In case, a student registers a course in study mode, he must fulfill all the attendance requirements and he/

she will be evaluated for continuous evaluation, mid semester examination and end semester examination.

- 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.

4.4.2 Promotion rules

Batch 2015 Onwards:

There are no restrictions for promotion from odd semester to even semester, however restrictions are imposed for promotion from even to odd semester. These restrictions are as follows:

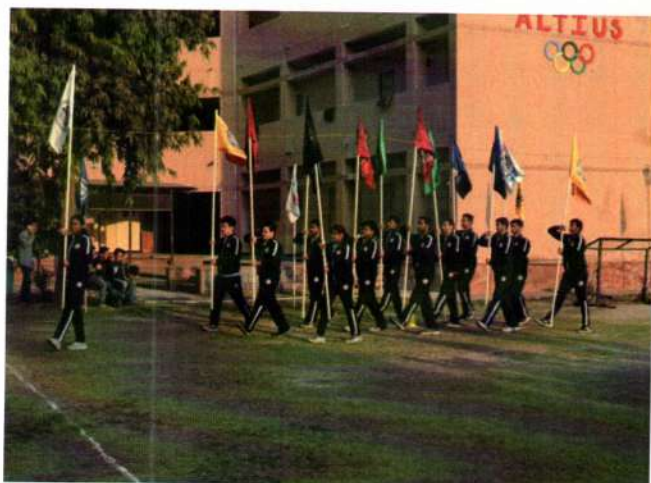
- From I Year to II Year to be able to register in the third Semester, a student should have completed, with D or better grade, at least 30 credits at the end of first year (in first and second semesters and make up examinations put together).
- From II Year to III Year For promotion to Third year, a student should have (i) Cleared all the Course Work requirements of First Year and (ii) passed, with D or better Grade, at least 30 credits at the end of second year (third Semester, fourth semester and make up examinations put together).
- From III Year to IV Year For promotion to Fourth year, a student should have (i) Cleared all the Course Work requirements of first year, second year and (ii) passed, with D or better Grade, at least 30 credits at the end of third year (fifth semester, sixth semester and make up examinations put together).



5.0 SPORTS & GAMES

5.1 Sports and Games Facilities

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.



To keep the engineering students physically fit, the physical education and sports is introduced as compulsory subject for engineering student in 1st & 2nd Semester with One Credit. As a part of this, Yoga and athletics have been introduced for the students.

As a part of world-wide observation of International Day of Yoga, NIT Delhi celebrates International day of Yoga every year on 21st of June in the institute premises.

Athletics helps the students to be physically fit, while on the other hand yoga not only enriches their physical health but also helps the students maintain their mental health. Yoga and athletics together help in the overall development of an individual. Hence, with the view of laying emphasis on health and fitness, regular practice sessions of yoga and

athletics are conducted by professional coaches in the college premises after the college hours.

5.1.1 Outdoors Sports Facilities (Boys & Girls)

S.No	Outdoor Games	Facility available
1.	Football	Mini ground with Flood lights
2.	Basketball	One Court with flood lights
3.	Badminton	Outdoor Court with flood lights
4.	Volley ball	One Court with flood lights
5.	Cricket	Cemented pitch with nets & flood light
6.	Kabaddi	Standard Court available

5.1.2 Indoor Sports Facilities (Boys & Girls)

S.No	Indoor Games	Facility available
1.	Table Tennis	2 tables available along with playing equipment.
2.	Carrom	Carrom Boards at Institute & Hostel.
3.	Chess	Chess Board sets
4.	Gym	Indoor Gym in boy's hostel

5.2 Events Organized by the Sports Section

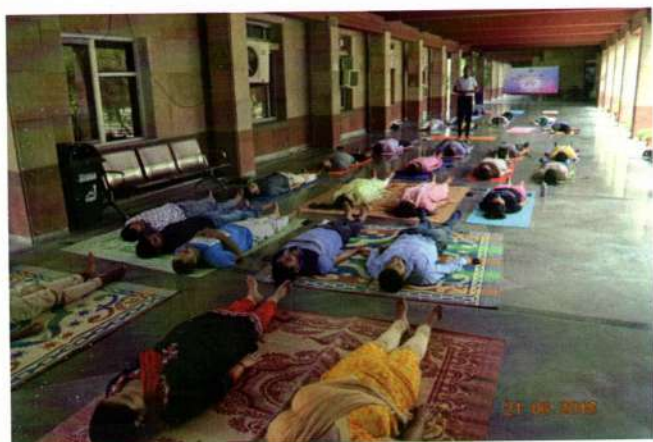
International Day of Yoga:

As part of worldwide observation of International day of Yoga, National Institute of Technology Delhi celebrated 3rd International day of Yoga on 21st June, 2018 in the Institute premises. The goal behind the organization of the event was to spread the message of peace, harmony, happiness and success to every soul in the world. It was a great opportunity to imbibe the value of Discipline.





The event was attended with full enthusiasm by Faculty, staff, and students including participants from NILERD presided over by Director NIT Delhi. A Yoga/Meditation expert (Mr. P. K. Sharma) was also invited who taught the participants about different Yog asanas and pranayams. The Expert explained the different types of Yoga including Asanas, Meditation, and knowledge attainment which can help individual in their holistic development and healthy lifestyle. The event's main emphasis was to encourage people to adopt yoga as a daily routine activity.



A special meditation session of 1 hour duration was organized for faculty, staff, and students of the institute on June 20, 2018. The meditation session was attended by a large number of participants and was supervised by the Yoga/Meditation expert (Mr. P. K. Sharma). It was a very successful session as the participants felt a great level of inner peace after attending it.



**Felicitation of Honourable Director NIT Delhi
Prof. Praveen Kumar**

A praiseworthy performance from the students of B.Tech 1st Year showing their energy and fitness levels with an Aerobics performance; Pyramid formation and concluding it by a show of Yoga Asana was also seen.



Aerobics Performance

FUTSAL TOURNAMENT

Sports section organized a FUTSAL (5 a side football) tournament for the students of the institute from 24th-26th October 2018 to increase brotherhood, unity and to promote interaction among the students of various year and branches. EEE 1st year won the tournament.

UNITY DAY

To observe the birth anniversary of Late Sardar Vallabhnai Patel as "Rashtriya Ekta Diwas (National Unity Day) on 31st October 2018, Sports section organized Unity Run by Students and Formation of Human Chain by the students on 31st October 2018.

ZEAL

The annual sports event ZEAL 2019 was concluded by closing ceremony held on 12th February 2019. The closing ceremony comprised of the felicitation of the officials, the members of the sports club and prize distribution ceremony along with the declaration of Overall Champions of the event. To further inspire the students with a spirit of never giving up and sportsmanship, the final year students of various sports enlightened the audience with their past experiences and their journey with the sports club. All the teams performed skilfully and participated with high spirits & liveliness along with a great spirit of sportsmanship. Gold and Silver Medals



with Certificate of Merit were distributed to the Winners and Runner-ups of various games and sports. Best Player Trophies were awarded to the exemplary players of different games & sports.



Pyramid Formation

ANNUAL FITNESS ASSESSMENT

Annual Fitness assessment of B.Tech First Year Students comprising of various fitness components such as Speed, Endurance, Strength, Flexibility and agility was conducted in December 2018 to assess the student's fitness level and to motivate them to lead a healthy life.

SPORTS PRACTICE

In order to allow students to develop and learn through their experience in various sports, specialized Coaches have been hired, which provide proper training and techniques to the students for their respective sports. For the same, regular practice sessions are held on weekdays from 5:30 PM to 7:30 PM for both boys and girls in the institute campus. The expert coaches train students in the specialized and scientific way to help them to improve their respective skills and techniques which will benefit them to perform better.

5.3 ACHIEVEMENTS OF NIT DELHI AT INTER NIT & OTHER COMPETITIONS

ACHIEVEMENTS 2018-2019

Students participated in Inter Technology Sports Tournament (ITUSA) held at NIT Kurukshetra from 5th October to 7th October 2018, in which our Kabaddi Girls and Yoga Boys secured Third position by winning Bronze medal.

Students participated in All India Inter NIT Weightlifting, Powerlifting, Best Physique, Tennis and Swimming



Yogesh Tomar won Bronze medal in Powerlifting & Silver in BodyBuilding event

Tournament 2018-19 held at NIT Karnataka, Surathkal from 18th-20th January 2019. The institute bagged 01 Silver medal in Bodybuilding, 02 Bronze medals in Weightlifting and 01 Bronze medal in Powerlifting.

Students participated in All India Inter NIT Football, Kabaddi and Kho-Kho Tournament 2018-19 held at NIT Rourkela from 25th-27th January 2019, in which our Kabaddi Girls team won Gold Medal. It was a great moment of pride for NIT Delhi as it was First ever Gold Medal in any team event at All India Inter NIT Tournament.

Ms. Dimple (B.Tech First Year) won Best Player of the Tournament (Girls Kabaddi) in All India Inter NIT tournament at NIT Rourkela.



NIT Delhi Girls Kabaddi Team after winning Gold in All India Inter NIT tournament at NIT Rourkela



6.0 TRAINING & PLACEMENT

While fostering young talents with its mission of research, innovation, and creativity, the Institute aims to pioneer higher level of intellectual professionalism in all fields of education. Therefore, we encourage our students to gain exposure to industrial activities through organizing visits to esteemed companies of their respective fields.

The Training and Placement Cell of the Institute is dedicated towards the campus placements for the graduating students of all departments. The placement office handles all the aspects of the campus placement. The T & P Cell is well equipped with excellent infrastructure for the conduction of the smooth placement. The office staff and the student coordinators handle various necessary tasks to support each and every stage of the placement process. As per the requirements of the organizations, the T&P Cell arranges Pre-Placement Talks, Written Tests, Group Discussions and Interviews etc. The team makes efforts to help the students enhance their personality through regular personality development classes, mock tests and mock personal interviews. In addition to this, the T & P Cell, along with the various departments in the Institute, provide opportunities to avail various industrial visits during the academic sessions in renowned organizations.

Our students have been placed in following organization(s) as full time employees or as trainees:

S.No.	Company Name	CTC offered	No. of Offers
1.	Microsoft (PPO)	39	1
2.	ION Trading	12	4
3.	Optum	10.54	1
4.	OYO Rooms	10.5	11
5.	Samsung R&D	10.5	3
6.	Sapient	10	1
7.	American Express (PPO)	9.5	1
8.	PayTm	9	3
9.	Envest Yodlee	8.7	2
10.	Gemini Solutions	8.2	1
11.	Thermo Fisher	7.536	2
12.	MAQ Software (PPO)	7	1
13.	MAQ Software	7	6
14.	Mahindra Comviva	6.63	9
15.	PeopleStrong	6.6	6
16.	ZS	6.53	3
17.	GE Health Care	6.3	4
18.	Deloitte	6.2	21
19.	INDXX	6.005	3
20.	L&T Constructions	6	5
21.	TPDDL	5.75	6
22.	Fidelity Internationals (PPO)	5.25	4
23.	Infosys	3.6	6

Percentage of Placed Students (Programme Wise):

Programme	Placed	Eligible	% age placed	No. of Offers	Offer %age	Average Package
B.Tech.	84	89	94.38 %	104	123.80 %	8.19
M.Tech.	4	7	57.14 %	4	100 %	7.32

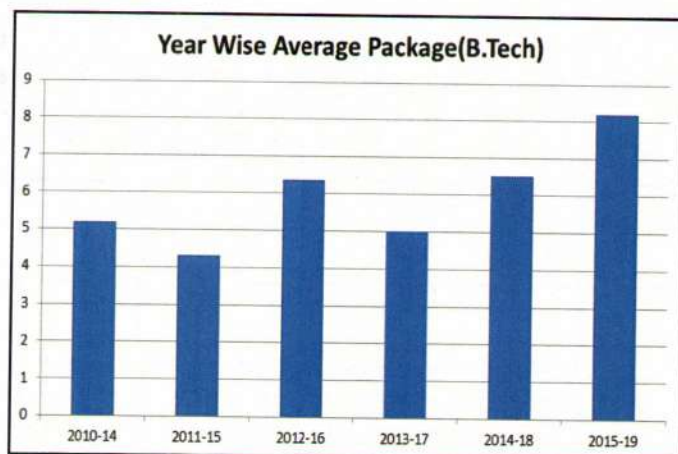
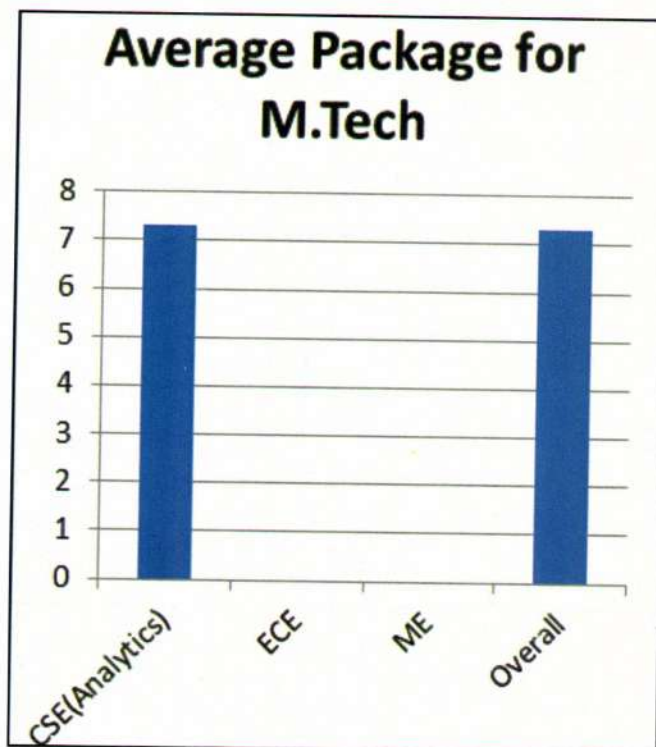
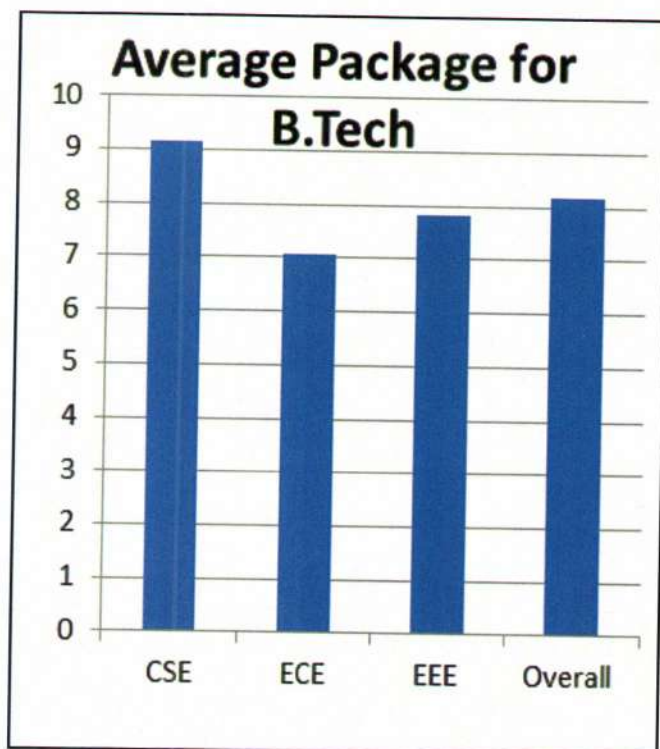
Average CTC in Lakhs:

Programme	Branch	Average Package	Programme	Branch	Average Package
B.Tech	CSE	9.15	M.Tech	CSE (Analytics)	7.32
B.Tech	ECE	7.06	M.Tech	ECE	0
B.Tech	EEE	7.84	M.Tech	ME	0
B.Tech	Overall	8.19	M.Tech	Overall	7.32



Year Wise Comparison:

Batch	2010-2014	2011-2015	2012-2016	2013-2017	2014-2018	2015-2019
Average Package	5.19	4.29	6.35	5.01	6.52	8.19
No. of offers	46	67	80	149	150	104
No. of offers above 6 LPA	11	5	31	56	53	88
No. of companies visited	17	19	29	31	30	33
% placement	53.2	73.2	81.36	80.67	92	94.38



IAF Team with Training & Placement Cell and student coordinators



7.0 Arts and Cultural Activities

Independence day was celebrated in Institute premises on 15th August 2018



importance of Unity Day and its boon in a society in both of our personal and professional life which was indeed a very motivating and informative piece for the gathering to hear about.

Republic Day was celebrated in Institute premises on 26th January 2019



The Pledge was followed by formal vote of thanks and the event concluded with national anthem at the end.

On 31/10/2018, a memorable Rashtriya Ekta Diwas (Unity Day) Program was organized in National Institute of Technology Delhi to commemorate the birth anniversary of Late Sardar Vallabhbhai Patel. This event was of 1 hour and was held in the Lawn of our Institute. Many students, Faculty and Non-Faculty members came forward to be a part of this event. The event commenced at 03:30 pm with the arrival of our Honorable Director, Deans, all the faculty members and the students at the venue.

Honorable Director Sir firstly addressed the gathering and Pledge speech was given away by him which was repeated by the gathering. Director Sir also mentioned about the



There was Unity Run and Formation of Human Chain by Students in the Institute Lawn.



On 02/10/2018, a memorable Cultural Event to commemorate the birth anniversary of Gandhi ji was organized in National Institute of Technology Delhi. This event was of 1.5 hours and was held in the auditorium of our college. In this event many students from different clubs took part and made this event a grand one.

One second year student of our college welcomed all and gave the introduction of an event. Then a speech is delivered on the life of our Father of Nation, Mahatma Gandhi by Khushboo of first year.



It was followed by a poem on the struggles of Gandhi Ji, recited by Ramanpreet Kaur. Then a song on unity (Mile Sur Mera Tumhara) was sung by 1st year girls.

Following to that, two favourite bhajans of Gandhi ji (Vaishnav Jan to and Raghupati Raghav Raja Ram) were

sung in a melodious voice by our final year student of music club.

"Cleanliness is Godliness" is the mantra of Mahatma Gandhiji, Father of Nation. He demonstrated, propagated and insisted for individual and community cleanliness throughout his life. Following his footprints, Nit Delhi took initiative to make students aware about swachhta



and a drama was presented by dramatics club people on swachhta.

8.0 RESEARCH AND DEVELOPMENT

8.1 Ph.D. Programs-Existing and Proposed

- Computer Science and Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering
- Management
- Economics
- Environmental Sciences
- Chemistry
- Physics
- Mathematics

8.2 Proposed Plan of Research

Since its inception National Institute of Technology Delhi has been constantly putting effort, not only to establish itself as a pioneer institute of higher learning in India but also to mark a global presence as a leading research and development hub. Within in a short span of time NIT Delhi has acquired distinction and expertise in some of the fundamental and core research areas.

The major areas of research activity of NIT Delhi in various departments are:



Electronics and Communication Engineering:

- Digital VLSI circuit design using sub nano meter technology nodes
- Device-Circuit co-design
- Parameter variation aware delay models
- Importance of delay analysis in nano meter regimes
- Multimodal Bio-Metrics
- Image Analysis and Processing
- Error Control Coding
- Cognitive Radio
- Computer Architecture, VLSI Design and Embedded Systems
- Semiconductor Devices; Electronic Circuits & Devices; Optoelectronics & Optical Communication, Nanophotonics
- Wireless Sensor Networks, Image and Video Processing
- Digital VLSI Design, Standard cell library characterization, Delay Modeling
- Digital Signal Processing, Bio-medical Signal Processing, Real-time Signal Processing
- Low Power VLSI design, SRAM Cell and Architecture Design, Digital Circuit Design. Semiconductor Devices, Electronic Circuits & Devices and Analog Electronics.
- Image Processing, Pattern Recognition
- Design and growth of semi conduct or nano structures for optoelectronic devices
- Optical communication
- RF Energy Harvesting, Antenna design
- 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.
- Development of Green methodology for bioactive heterocyclic synthesis, Organ metallic chemistry, Medicinal Chemistry, Green chemistry, Ylide and Carbine Chemistry, Total synthesis, Material Chemistry.
- Digital holography, Optical metrology, 3D imaging, Biomedical imaging and optical instrumentation
- Optical sensors, Plasmonics, Bio-photonics, Opto-electronics, Semiconductor Lithography, and Technology Management
- Modeling and Simulations of Linear and Nonlinear Waves, Computational Fluid Dynamics, Climate Modeling Analysis

Computer Science and Engineering:

- Optical Communication Systems: Performance Analysis and Dispersion Compensation for Broadband Optical Systems and Networks (Linear and Non-linear), Radio-over-Fiber, Soliton Transmission links.
- Complex Networks, Growing Networks, Dynamics of information in complex networks, Graph Spectra, Attacks on Complex Networks, Community structure in Social Networking, Link Analysis, Recommender Systems
- Image Processing, Computer Graphics
- Wireless Sensor Networks
- Natural Language Processing.
- Neural Network
- Cryptography, Algorithms, Discrete Mathematics and Process synchronization
- Data mining
- Algorithms, Data Structures, Operating Systems (moderate), DBMS (moderate)

Applied Sciences:

- Hydrodynamic Stability, Ferro hydrodynamics, Nano fluids, Non-Newtonian Fluids, Fluid Instabilities & Flow through Porous Media
- Fluid dynamics, MHD-fluid, MHD simulations, Nonlinear plasma theory, Non-uniform transmission lines (Microwave and Signal Processing), and CMOS- VLSI- DESIGN



Electrical and Electronics Engineering:

- Application of power electronics for renewable energy fed DC Micro-Nano grids.
- Power Electronics, Application of Power Electronics to Renewable Energy Systems, Smart DC Grids (Micro/ Nano), Modeling, Design and Digital Control of DC-DC Conversion System, Embedded Systems and IoT
- Power Electronics, Renewable Energy & FPGA Design
- Control Systems, Time-delay systems
- Pattern recognition, Bio-metrics, Medical image processing, Renewable Energy
- Speech recognition, speech enhancement, Digital Signal Processing, control systems.
- Power System Restructuring /Deregulation, Electricity Market, Distributed Generation, Renewable Energy, Security Analysis, Fault Detection, Operation and Control of Power Systems, Smart Energy Network
- Power System Reliability, Wide Area Measurement System, SCADA, Power system protection, PMU and Smart Grids
- Power systems, Dynamics and stability, Renewable energy sources

Mechanical Engineering:

- Numerical Modeling and Simulation
- Mechanical Behavior of Materials, Numerical Modeling and Simulation
- Grinding, Machining and Metal Forming
- Computational Fluid Dynamics and Heat Transfer, Combustion, Energy Systems and Fire Safety, Multiphase Flows, Experimental Fluid Dynamics and Heat Transfer

The institute is in a process of setting up an interdisciplinary /interdepartmental research and development centre to promote R&D activity amongst the student community and to facilitate the faculty members to bring in and work on more and more sponsored projects. Special schemes have been designed and are on the verge of implementation to attract more and more faculty community to join the R & D pool.

The institute carries a long term vision of taking up R&D activity catering to the real life challenges such as agricultural electronics (Wireless sensor based drip irrigation system, electronic sensors based crop monitoring), energy harvesting system and clean energy sources and ICT solutions for environmental monitoring. NIT Delhi has been doing and plans to carry on with arranging invited talks from eminent personalities from academia and industry to keep both the student and faculty community motivated.

8.3 Workshop & Expert Lectures Organized/ attended/ delivered:

- Dr. Anmol Ratna Saxena delivered expert talk on "Higher-Order DC-DC Converters for Industrial Applications" Faculty Development Program on "Recent Advances and Industrial Applications of Power Electronics Converters and Electrical Machines" during 22-26 October 2018 at Aligarh Muslim University Aligarh.
- Dr. Anurag Singh attended GIAN workshop on "Dynamics of Complex systems 2018" at ICTS, TIFR, Bangalore, during June 26-30, 2018.
- Dr. D. Vaithyanathan, delivered a Lecture on "VLSI Design" organized by Velammal Institute of Technology, Thiruvallur-601204 (23-February-2019)
- Dr. D. Vaithyanathan, delivered a Lecture on "Recent Trends in VLSI Design" organized by Vel Tech Engineering College, Chennai-600062 (22-February-2019)
- Dr. D. Vaithyanathan, delivered a Lecture on "Full Custom, Semi Custom and FPGA building blocks" in Faculty Development Programme on "EC6601 - VLSI Design" organized by College of Engineering Guindy, Anna University, Chennai (22nd & 23rd-November-2018)
- Dr. D. Vaithyanathan, delivered a Lecture on "VLSI Design - Design of Arithmetic Circuits" organized by Galgotias College of Engineering and Technology, Greater Noida - 201306 (13-November-2018)
- Dr. D. Vaithyanathan, delivered a Lecture on "8051 Microcontroller and its Interfacing" organized by Velammal Engineering College, Chennai-600066 (24-August-2018)



- Dr. D. Vaithyanathan, delivered a Lecture on "Microprocessor and Microcontroller" in Faculty Development Training Programme organized by College of Engineering Guindy, Anna University, Chennai (31-May-2018 & 01-June-2018)
- Dr. Gyanendra Sheoran delivered an expert lecture on "Evolution of Holography (From Optical to Microwave)" at Indo-US colloquium on recent developments in interdisciplinary research conducted by Department of Chemistry, Hansraj College, University of Delhi in association with Loyola University Stritch School of Medicine Maywood, IL USA held on 2nd July 2018 at Hansraj College, Delhi University
- Dr. Harish Kumar Organized the 1st National Conference on Advances in Mechanical Engineering (NCAME) - 2019, March 16, 2019
- Dr. Karan Verma IEEE National Workshop Delivering as Talk in "Advances in Information Processing" at GLA Mathura during 7-8 April, 2018.
- Dr. Karan Verma FDP Delivering as Talk (TEQIP- III) in "Emerging Trends and Technology in Internet of Things (IoT) and Cloud Computing at G. B Pant Institute of Engineering and Technology, Pauri (U.K) during 10-14 Sept. 2018.
- Dr. Karan Verma attended Conference (as session chair) on "4th NGCT – 2018" at UPES Dehradun during 21-22 Nov. 2018.
- Dr. Karan Verma FDP Delivering as Talk (TEQIP- III) in "Effective Teaching" at Sobhasaria Engineering College, Sikar (RTU Kota) during 22-24 Nov. 2018.
- Dr. Karan Verma FDP Delivering as Talk (TEQIP- III) in "Deep Learning and Internet of Things (IoT)" at Universtiy Institute of Engineering and Technology, Kurukshetra during 15-18 Jan. 2019.
- Dr. Karan Verma delivers a Lecture in Two Weeks Winter School for faculty from Engineering Streams at SMVD University, Katra during 17th Feb to 1st March, 2019.
- Dr. Karan Verma Presenting Conference two papers on "Optical and Wireless Technologies 2019" at MNIT Jaipur during 16-17 March, 2019.
- Dr. Karan Verma attended Conference on "6th INDIACom – 2019" at BVICAM, Delhi during 13-15 March, 2019.
- Dr. Manisha Bharti delivered an Expert talk on "Advanced Optical Communication Systems & Networks" at ABES Engineering College, Ghaziabad, UP, Affiliated to Dr. APJAK Technical University, Lucknow on 28th December, 2018.
- Dr. Pankaj Mukhija delivered an expert lecture on "Recent Advances in Networked Control Systems" in the workshop entitled Signal Processing & Computational Intelligence-2018 held at DCRUST Murthal on 21 September 2018.
- Dr. Prashant Kumar delivered a Talk on "Influence of Natural Climate Variability Extreme Wave Climate in Indian Ocean" at National Symposium on Jointly Hosted by Understanding Weather and Climate Variability: Research for Society, (TROPMET-2018) IIT BHU, Varanasi, during 24-27 Oct. 2018.
- Dr. Prashant Kumar delivered a talk on "Mathematical Modeling of Moored ship motion using Boundary Element Method in ICMMC-2019, at South East Asian University, Delhi, during 01-03- December 2018.
- Dr. Rikmantra Basu attended NUSOD 2018, University of Honk Kong, Honk Kong, November 5-9, 2018.
- Dr. Sachin Singh delivered an Expert talk on "Application of wavelets on audio and vibration signals for condition monitoring at DCRUST Murthal (Sonepat)-131039, Haryana, during 17th - 21st Sep. 2018.
- Dr. Shakira Khan attended an International conference on 'Role of Globalization in Economic Growth of India: Business Policy, Strategy and Economic Issues', Global Issues in Management 2019 Conference, University Business School Panjab University, Chandigarh (26th February, 2019)
- Dr. Shakira Khan attended National Conference on 'India's Trade with BIMSTEC Nations: Issues and Future Prospects', Emerging issues in Global Business Research and Management Practices, Kirori Mal College, Delhi University (16th-17th November, 2018)
- Dr. Shakira Khan attended One-Week Workshop on 'R' and Econometric Tools at Delhi Technological University, 5-9th March, 2019.



- Dr. Shakira Khan delivered an Expert lecture on "Organization and Individual Issues in Implementation of Management Information System", an International Training Programme on Manpower Information System at the National Institute of Labour Economics Research and Development, Narela, New Delhi (14th February, 2019).
- Dr. Shakira Khan delivered an Expert lecture on "Performance Management, Compensation, Benefits, Payroll and Manpower Information System", an International Training Programme on Manpower Information System at the National Institute of Labour Economics Research and Development, Narela, New Delhi (15th February, 2019).
- Dr. Shelly Sachdeva attended FDP on "Advances in Manufacturing and Measurement Systems" at NIT Delhi sponsored by EDS Technology & Altem Technology during June 4-8, 2018
- Dr. Shelly Sachdeva delivered a talk on 25 June, 2018 at Refresher Course in Information Communication Technology (ICT) organised by UGC - Human Resource Development Centre, Punjabi University, Patiala during 18-06-2018 to 07.07.2018
- Dr. Shelly Sachdeva delivered an expert talk as Indian Panelist at New Zealand – India Academic Conclave, at Hyatt Regency Hotel, New Delhi on 20 August 2018
- Dr. Shelly Sachdeva delivered Expert Talk on 7Aug,2018 in special training programme on 'Cryptology and Information Security (CIS 2018)' at Scientific Analysis Group, DRDO, Metcalfe House, Civil Lines, Delhi scheduled from 30th July 2018 to 10th August 2018.
- Dr. Shelly Sachdeva invited as Keynote Speaker on 10 Jan, 2019 at Confluence 2019, Amity University, Noida during 10-11 Jan, 2019
- Dr. Shelly Sachdeva attended 6th Security and Privacy Symposium 2018, at CERC, IIIT Delhi on 14th April, 2018
- Dr. Shelly Sachdeva attended Indo-German Workshop (symposium "Future of Work") organized by the German Centre for Research and Innovation - DWIH New Delhi at the India Habitat Centre from 19-20 March 2019
- Dr. Shelly Sachdeva attended 6th International Conference on Big Data Analytics (BDA) - 2018, NIT Warangal during 18-21 Dec, 2018
- Dr. Shelly Sachdeva organized a guest Lecture by Dr. Marcin Paprzycki from Systems Research Institute, Polish Academy of Sciences, Poland, on topic "From Grid, via Cloud to Fog(gy) future in the Internet of Things", at NIT Delhi on July 02, 2018
- Dr. Shelly Sachdeva organized a guest Lecture by Dr. Richard Clarke from University of Auckland, on topic "A Smart Material for the 21st Century" at NIT Delhi on Aug 21, 2018.
- Dr. Sushila Maheshkar delivered Expert lectures on "Computer Programming using MATLAB" at NITTTR, Chandigarh on 28-Aug-2018
- Dr. Sushila Maheshkar delivered Expert lectures on "Image Processing and its Recent Applications" at ABESIT Ghaziabad on 30-Aug-2018.

8.4 Journal and Conference Papers Published:

1. Ajay P Singh, S K Ghoahal and Harish Kumar, A contemporary investigation of force transducers: past and present scenario, Indian Journal of Pure and Applied Physics, Vol. 56 (9) pp. 717-727, 2018.
2. Amit Kumar Srivastava, P K Arora, Sharad Chandra Srivastava, Harish Kumar and MK Lohumi, Determination of fracture parameters for multiple cracks of laminated composite finite plate, Applied Composite Materials, vol. 25 (2), pp. 381-398, 2018.
3. Amit Mahajan, Mahesh K Sharma, Penetrative convection in an internally heated layer of magnetic nanofluid saturating a porous medium, Magnetohydrodynamics, 54(3), 225-244, 2018.
4. Amit Mahajan, Mahesh K Sharma, The onset of penetrative convection stimulated by internal heating in a magnetic nanofluid saturating a rotating porous medium, Canadian Journal of Physics, 96(8), 898-911, 2018.
5. Amit Mahajan, Mahesh K Sharma, Convection in a magnetic nanofluid saturating a porous medium under



- the influence of a variable gravity field, *Engineering Science and Technology, an International Journal*, 21, 439-450, 2018.
6. Amit Mahajan, Mahesh K Sharma, The onset of convection in a magnetic nano fluids layer with variable gravity effects, *Applied Mathematics and Computation*, 339, 622-635, 2018.
 7. Amit Mahajan, P Ram, OD Makinde, Penetrative Internally Heated Convection in Magnetic Fluids, *Computational Analysis for Heat Transfer in Fluids and Solids of the journal DDF (Defect and Diffusion Forum)*, 387, 373-384, 2018.
 8. Amit Mahajan, Mahesh K Sharma, Penetrative convection in a rotating internally heated magnetic nanofluid layer, *Journal of Nanofluids*, 8(1), 187-198, 2019.
 9. Amit Mahajan, Reena Nandal, Stability of an anisotropic porous layer with internal heat source and Brinkman effects, *Special Topics and Reviews in Porous Medium: An International Journal*, 10(1), 65-87, 2019.
 10. Amit Mahajan, Reena Nandal, Penetrative convection in a fluid saturated Darcy-Brinkman porous media with LTNE via internal heat source, *Nonlinear Engineering – Modeling and Application*, 8, 546-558, 2019.
 11. Ankit Kumar Pandey, Rikmantra Basu and Guo-En Chang, Optimized Ge_{1-x}Sn_x/Ge Multiple-Quantum-Well Heterojunction Phototransistors for High-Performance SWIR Photodetection, *IEEE Sensors Journal*, 18(14), 5842-5852, 2018.
 12. Ankit Kumar Pandey, Rikmantra Basu, Harshvardhan Kumar and Guo-En Chang, Comprehensive Analysis and Optimal Design of Ge/GeSn/Ge p-n-p Infrared Heterojunction Phototransistors, *IEEE Journal of the Electron Devices Society*, 7(1), 118-126, 2018.
 13. Anuj K. Sharma, Simulation and analysis of Au-MgF₂ structure in plasmonic sensor in near infrared spectral region, *Optics and Laser Technology*, 101, 491, 2018
 14. Anuj K. Sharma, A. Dominic, Fluoride fiber-optic SPR sensor with graphene and NaF layers: analysis of accuracy, sensitivity, and specificity in near infrared, *IEEE Sensors*, 18, 4053, 2018.
 15. Anuj K. Sharma, B. Kaur, Analyzing the effect of graphene's chemical potential on the performance of a plasmonic sensor in infrared, *Solid State Communications*, 275, 58, 2018.
 16. Anuj K. Sharma, A.K. Pandey, Blue phosphorene/MoS₂ heterostructure based SPR sensor with enhanced sensitivity, *IEEE Photonic Technology Letters*, 30, 595, 2018.
 17. Anuj K. Sharma, J. Gupta, Fiber optic sensor's performance enhancement by tuning NIR wavelength, polarization, and 2D material, *IEEE Photonic Technology Letters*, 30, 1087, 2018.
 18. Anuj K. Sharma, J. Gupta, Enhancement in performance of an evanescent wave fiber optic sensor in the near-infrared region by graphene's chemical potential, *Photonics and Nanostructures: Fundamentals & Applications*, 31, 147, 2018.
 19. Anuj K. Sharma, A. Dominic, Fluoride fiber optic SPR sensor with enhanced performance: Simulation and analysis within the framework of Kubo formulation for grapheme, *Optical Fiber Technology*, 45, 405, 2018.
 20. Anuj K. Sharma, B. Kaur, Plasmonic Biosensor in NIR with Chalcogenide Glass Material: On the Role of Probe Geometry, Wavelength, and 2D Material, *Sensing and Imaging*, 19, 36, 2018.
 21. Anuj K. Sharma, A. Dominic, Coordinated Tuning of Graphene's Chemical Potential With NIR Wavelength and Temperature Under Kubo Framework for Enhanced Performance of SPR-Based Chemical Sensor, *IEEE Sensors Journal*, 18, 9207, 2018.
 22. Anuj K. Sharma, A.K. Pandey, B. Kaur, A review of advancements (2007-2017) in plasmonics-based optical fiber sensors, *Optical Fiber Technology*, 43, 20, 2018.
 23. Ashima Kulshreshtra and Anmol Ratna Saxena, Stability and Interaction Analysis of Input Voltage Controlled Converters for Low Voltage DC Nanogrids, *IEEE International Conference on Power Electronics, Drives and Energy Systems Conference, PEDES-2018*.



24. B. Kaur, Anuj K. Sharma, Fiber optic SPR sensing enhancement in NIR via optimum radiation damping catalyzed by 2D materials, IEEE Photonics Technology Letter, 30, 2021, 2018.
25. D. Kumar and Anmol Ratna Saxena, Design and Control of Battery Embedded Fourth-Order Boost Converter, IEEE International Conference on Power Electronics, Drives and Energy Systems Conference 2018, PEDES-2018.
26. D. Kumar and Anmol Ratna Saxena, Analysis of battery integrated second order two switch boost Converter, IEEMA Engineer Infinite Conference, eTechNxT, New Delhi, 2018, pp. 1-6.
27. D. Vaithyanathan, J. Britto Pari, S. Keerthana and Kala Bharathan, Implementation of Floating Point Unit based on Booth Multiplier and Compressor Adder, Proc. International Conference on Electrical, Computer and Communication Technologies, Coimbatore, India, Feb. 20-22, 2019.
28. Dubey, P. & Kanumuri, T., Palmprint Recognition Using Oriented Structural Energy Signature Codes, Arab J Sci Eng, Feb 2019.
29. Eeti, A. Singh and Rajesh Sharma "TTPROF: A Weighted threshold model for studying opinion dynamics in directed temporal network" Accepted for presentation and publication in "7th International Conference on Complex Networks and Their Applications" (Complex Networks 2018), December 11 - 13, Cambridge, UK, 2018.
30. G. Kumar and S Kumar, Flat gain C+L band using optical amplifiers for 200×14 Gbps DWDM system, Optical and Quantum Electronics (Springer), 51(1), 34(1-10), 2019.
31. G. Prabakaran, D. Vaithyanathan and Madhavi Ganesan, Fuzzy Decision Support System for Improving the Crop Productivity and Efficient use of Fertilizers, Computers and Electronics in Agriculture, 150, 88-98, July 2018.
32. G. Varshney, S. Gotra, V.S. Pandey, R.S. Yaduvanshi, Obtaining the circular polarization in a nano-dielectric resonator antenna for photonics applications, Semiconductor Science and Technologies, IOP Science, 34(7), 07LT01, 2019.
33. Gaurav Varshney, Shailza Gotra, V.S. Pandey, R.S. Yaduvanshi, Inverted-Sigmoid shaped Multi-band Dielectric Resonator Antenna with Dual Band Circular Polarization, IEEE Transactions on Antennas and Propagation, 66(4), 2067-2072, 2018.
34. Gaurav Varshney, V.S. Pandey, R.S. Yaduvanshi, Axial ratio bandwidth enhancement of a circularly polarized rectangular dielectric resonator antenna, Int. Jour. of Microwave and Wireless Technologies, Cambridge Univ. Press, 10(8), 984, 2018.
35. Gaurav Varshney, Astha Verma, V.S. Pandey, R.S. Yaduvanshi, Rajni Bala, A Proximity coupled wideband Graphene Antenna with the Generation of Higher order TM modes for THz Applications, Optical Materials, 85, 456-463, 2018.
36. Girija Moona, Rina Sharma and Harish Kumar, Evaluation of uncertainty of measurement of shadow mask dot pitch using different approaches, Transactions of the Institute of Measurement and Control, vol. 40 (7), 2428-2435, 2018.
37. Goel, Rahul, Anurag Singh, and Fakhteh Ghanbarnejad. Modeling Competitive Marketing Strategies in Social Networks. Physica A: Statistical Mechanics and its Applications 518, 50-70, 2019.
38. Harshit Modi, A. K. Singh, Kshitij Bhargava, Integration of Distributed Generator for Frequency Regulation and Loss Compensation Ancillary Services, in Proc. of the 3rd IEEE International Conference for Convergence in Technology 2018, Pune, India, 6-8 April, 2018.
39. Harshvardhan Kumar and Rikmantra Basu, Noise Modeling of Group IV Material based Heter-junction Photo Transistor for Fibre Optic Telecommunication Networks, IEEE Sensors Journal, 18(22), 2018.
40. Harshvardhan Kumar and Rikmantra Basu, Noise Analysis of Optimized Ge/Ge (1-x) Snx/Ge p-n-p Heterojunction Phototransistors for Long-Wavelength Optical Receivers, Journal of Optical and Quantum Electronics, Springer, 51(2), 1-12, 2019.
41. Harshvardhan Kumar, Rikmantra Basu, and Jyoti Gupta, Small-Signal Compact Circuit Modeling of Group IV



- Material Based Heterojunction Phototransistors for Optoelectronic Receivers, *IEEE Trans. Electron Devices*, 66(4), 1797-1803, 2019.
42. Himani Sharma, Suman Srivastava, Anion-cation co-operative catalysis by artificial sweetener saccharine-based ionic liquid for sustainable synthesis of 3,4-dihydropyrano [c] chromenes, 4,5-dihydropyrano [4,3-b] pyran and tetrahydrobenzo [b] pyrans in aqueous medium, *RSC Advances.*, 8, 38974-38979, 2018.
 43. J. Britto Pari and D. Vaithyanathan, An Optimized FPGA Implementation of DCT Architecture for Image and Video Processing Applications, *Proc. International Conference on Wireless Communications Signal Processing and Networking*, Chennai, India, March 21-23, 2019.
 44. Jaspinder Kaur, Rikmantra Basu, and Ajay K Sharma, Effect of separate confinement hetero-structure layer on tunnel injection transistor laser-based transmitter for high-speed optical communication networks, *Journal of Optics and Laser Technology*, Elsevier, 115, 268-276, 2019.
 45. Jaynendra, Anshul Agrawal and Vineeta Agrawal, A Review on Overall Control of DC Microgrids, *Journal of Energy Storage*, Elsevier, Volume 21, Pages 113-138, February 2019.
 46. Kumar, Avinash, Choudhary Shyam Prakash, Sushila Maheshkar, and Vikas Maheshkar. "Markov Feature Extraction Using Enhanced Threshold Method for Image Splicing Forgery Detection." In *Smart Innovations in Communication and Computational Sciences*, pp. 17-27. Springer, Singapore, 2019.
 47. Kumar Shashvat, Rikmantra Basu, Amol P Bhondekar, Sanjay Lamba, Karan Verma and Arshpreet Kaur, Comparison of Time Series Models Predicting Trends in Typhoid Cases in Northern India, *Southeast Journal of Tropical Medicine and Public Health*, , 50(2), 1-10, 2019.
 48. Kumari, Suchi, and Anurag Singh. "Effect of correlations on routing and modeling of Time Varying Communication Networks." *Acta Physica Polonica B*, 50 (2) 199-218, 2018.
 49. Lalit Kumar, V.S. Pandey, H. Parthasarathy, V. Srimali, quantum Mechanical Estimation of cylindrical wave guide parameters with entropy computation, *Opt Quant Electron*, 50, 201, 2018.
 50. M. Arquam, Singh A., & Rajesh Sharma "Modelling and Analysis of Delayed SIR Model on Complex Network" Accepted for presentation and publication in "7th International Conference on Complex Networks and Their Applications" (Complex Networks 2018), December 11 - 13, Cambridge, UK, 2018.
 51. M Bharathi Raj, S Ewins Pon Pushpa and D.Vaithyanathan, Investigation of Negative capacitance - MoS₂ based nanotube transistor sandwiched with polyvinylidene fluoride as ferroelectric gating material, *Proc. International Workshop on Nano/ Micro 2D-3D Fabrication, Manufacturing of Electronic - Biomedical Devices & Applications at Indian Institute of Technology(IIT), Mandi, India, Oct. 31 - Nov. 02, 2018.*
 52. M Bharathi Raj, S Ewins Pon Pushpa and D. Vaithyanathan, Performance Analysis of 7-nm node Negative capacitance - MoS₂ nanotube transistor based SRAM, *Proc. International Workshop on Nano/ Micro 2D-3D Fabrication, Manufacturing of Electronic - Biomedical Devices & Applications at Indian Institute of Technology(IIT), Mandi, India, Oct. 31 - Nov. 02, 2018.*
 53. M. Kumar, A. Singh, and H. Cherifi, "An Efficient Immunization Strategy Using Overlapping Nodes and Its Neighborhoods," In *Companion of the The Web Conference 2018 on The Web Conference*, pp. 1269-1275, 2018.
 54. MK Nayak, Sachin Shaw, V.S. Pandey, Ali J Chamkha, Combined effects of slip and convective boundary condition on MHD 3D stretched flow of nanofluid through porous media inspired by non-linear thermal radiation, *Indian J Phys*, 92(8), 1017-1028, 2018.
 55. Manisha Bharti, Performance Enhancement in Colorless WDM-PON using SSB-SC, *Journal of Optical Communications (De-Gruyter)*, 01-10, 2019.
 56. Neetu, B.K. Kanaujia and Anshul Agarwal, Calculation of the Resonant Frequency of a Rectangular Dielectric Resonator Antenna using Perturbation Theory, *Journal of Computational Electronics*, Springer, Vol. 18, pp. 211-221, 2019.
 57. Niranjana, Utkarsh, Anurag Singh, and Ramesh Kumar Agrawal. "Competitive Novel Dual Rumour



- Diffusion Model." *New Perspectives and Challenges in Econophysics and Sociophysics*. Springer, Cham, 229-240, 2019.
58. Niranjana, Utkarsh, Anurag Singh, and Ramesh Kumar Agrawal. "A mean-field-theoretic model for dual information propagation in networks." *Journal of Complex Networks*, 2019.
59. P. Agarwal, S. Kumar and S.P. Singh, Closed form solutions of various window functions in fractional fourier transform domain, 6th IEEE International Conference on Computing for Sustainable Global Development (INDIACom-2019), BVICAM, New Delhi, India, 13-15 March 2019.
60. P. Dahiya, P. Mukhija and A. R. Saxena, Design of sampled data and event-triggered load frequency controller for isolated hybrid power system, *International Journal of Electrical Power & Energy Systems*, 100, 331-349, 2018.
61. P. Dahiya, P. Mukhija, and Anmol Ratna Saxena, Event-Triggered Based Automatic Generation Control Considering Probabilistic Actuator Failure, in *IEEE International Conference, ICPEICES-2018*, held at DTU, Delhi.
62. P. Dahiya, P. Mukhija, and Anmol Ratna Saxena, Global Neighborhood Algorithm based Event-Triggered Automatic Generation Control, in *International Conference ICTSES'18*, held at Manipal University, Jaipur.
63. P K Arora, S C Srivastava, M K Lohumi and Harish Kumar, Progressive damage response and crack growth direction for multiple through cracks of laminated composite finite plate, *Engineering Solid Mechanics*, vol. 6, 371-389, 2018.
64. P. Kumar, P. Verma and A. Singh, "A Study of Epidemic Spreading and Rumor Spreading over Complex Networks," In *Proc. Springer Conference on Towards Extensible and Adaptable Methods in Computing*, 11, pp. 131-143, 2018.
65. Pawan Dubey, Tirupathiraju Kanumuri, R. Vyas, Sequency codes for palmprint recognition, *Signal Image and Video Processing*, vol. 12, no. 4, pp. 677-684, May 2018.
66. Prakash, Choudhary Shyam, Avinash Kumar, Sushila Maheshkar, and Vikas Maheshkar. "An integrated method of copy-move and splicing for image forgery detection." *Multimedia Tools and Applications* (2018): 1-25. (24 March 2018)
67. Prakash, Choudhary Shyam, Sushila Maheshkar, and Vikas Maheshkar. "Detection of copy-move image forgery with efficient block representation and discrete cosine transform." *Journal of Intelligent & Fuzzy Systems Preprint* (2018): 1-13. (20 Nov 2018)
68. Prakash, Choudhary Shyam, Sushila Maheshkar, and Vikas Maheshkar. "Image Manipulation Detection Using Harris Corner and ANMS." In *Advances in Machine Learning and Data Science*, pp. 81-93. Springer, Singapore, 2018.
69. Preeti Agarwal, Anshul Agarwal and Vineeta Agarwal, FPGA Based Space Vector Pulse Width Modulated Single-Phase to Three-Phase Converter, *IETE Journal of Research*, Volume 65, issue 1, pp. 58-68, Jan-Feb 2019.
70. Preeti Verma, Ajay K. Sharma, Arti Noor, V.S. Pandey, A novel approach for noise tolerant, energy efficient TSPC dynamic circuit design, *Analog Integrated Circuits and Signal Processing*, 100(1), 119-131, 2019.
71. Prashant Kumar, Gulshan, Theoretical analysis of extreme wave oscillation in pardip port using a 3-D boundary element method, *Ocean Engineering*, 164, 13-22, 2018.
72. Prashant Kumar, Rupali, Modeling of shallow waves with variable bathymetry in an irregular domain by using hybrid finite element method. *Ocean Engineering*, 165, 386-398, 2018.
73. Prashant Kumar, Rupali, Rajni, Wave Induced Oscillation in an Irregular Domain by using Hybrid Finite Element Model, *Journal of Physics: Conference series*, 1039, 2019.
74. Preeti Verma, V.S. Pandey, Ajay K. Sharma, Arti Noor, Estimation and Analysis of Novel Dynamic Body Biased TSPC Design Technique, *Mapan Springer*, 33(4), 405, 2018.
75. R Saxena, S K Ghoahar and Harish Kumar, A critical assessment of simple shaped force transducers: design



- and metrological considerations, *Indian Journal of Pure and Applied Physics*, Vol.57 (1), pp. 42-51, 2019.
76. R. Vyas, T. Kanumuri, Gyanendra Sheoran, P. Dubey, Iris recognition through score-level fusion, in *Proceedings of 2nd International Conference on Computer Vision & Image Processing. Advances in Intelligent Systems and Computing*, vol 703. B. B. Chaudhuri, M. S. Kankanhalli, and B. Raman, Eds. Springer, Singapore, pp. 25–35, 2018.
 77. R. Vyas, T. Kanumuri, G. Sheoran, Pawan Dubey, Recent trends of ROI segmentation in iris biometrics: a survey, *International Journal of Biometrics* 11(3):274-307, 2019.
 78. R. Vyas, T. Kanumuri, G. Sheoran, Pawan Dubey, Efficient features for smartphone-based iris recognition, *Turk J Elec Eng & Comp Sci*, 27, 1589 – 1602, Feb 2019.
 79. Rajwinder Kaur, Karan Verma, Shelendra Kumae Jain, Nishtha Kesswani, Efficient routing protocol for location privacy preserving in internet of things, *International Journal of Information Security and Privacy*, 13(1), pp. 70-85, 2019.
 80. Rohit Kumar, Sumit J. Darak, Manjesh K. Hanawal, Ajay K. Sharma and Rajiv K. Tripathi, Distributed Algorithm for Learning to Coordinate in Infrastructure-Less Network, *IEEE Communications Letters*, 23(02), 362-365, 2019.
 81. Reena Nandal, Amit Mahajan, Penetrative convection in couple-stress fluid via internal heat source/sink with the boundary effects, *Journal of Non-Newtonian Fluid Dynamics*, 260, 133-141, 2018.
 82. Rikmantra Basu, Preeti Giri and Harshvardhan Kumar, Influence of Doping and Splitting of Source in a Group IV Material Based Tunnel Field Effect Transistor, *Journal of Electronic Materials*, Springer, 48(5), 2691-2699, 2019.
 83. S Bagyaraj, M Ragumathulla and D. Vaithiyanathan, Acquisition of Jugular Venous Pulse Waveform by a Non Invasive Technique, *Proc. IST National Conference on Advances In Mechanical Engineering-2019* (NCAME-2019), National Institute of Technology, Delhi, India, 16, March 2019.
 84. S. Gupta and S. Sachdeva, "Invitation or Bait? Detecting Malicious URLs in Facebook Events," 2018 Eleventh International Conference on Contemporary Computing (IC3), Noida, India, 2018, pp. 1-6.
 85. Sharma, U., Maheshkar, S., Mishra, A.N. et al. *Wireless Pers Commun* (2019) 106: 2129.
 86. Shashvat Kumar, Karan Verma, Rikmantra Basu, Arshpreet Kaur, Comparison of Time Series Models Predicting Trends in Typhoid Cases in Northern India, In *South East Asian Journal of Tropical Medicine and Public Health*, 50(2), pp. 347-356, 2019.
 87. Shelly Sachdeva, Wanming Chu and Subhash Bhalla, "Relational-like Query Language for Archetypes in Standardized Electronic Health Records Databases", *Proceedings of the {ACM} India Joint International Conference on Data Science and Management of Data, {COMAD/CODS} 2019, Kolkata, India, January 3-5, 2019*, pp. 272--275, 2019.
 88. Shivani Batra, Shelly Sachdeva, Aayushi Bansal, Suyash Bansal, "Modeling Sparse and Evolving Data", *Big Data Analytics (BDA) - 6th International Conference 2018, NIT Warangal*, pp 204-214, *Proceedings in Lecture Notes in Computer Science book series (LNCS, volume 11297)*, Springer International Publishing.
 89. Shubhi Kansal, Shikha Purwar and Rajiv Kumar Tripathi, Image contrast enhancement using unsharp masking and histogram equalization, *Multimedia Tools Applications*, 77(20), 26919–26938, 2018.
 90. Sonu Gupta, Shelly Sachdeva, Prateek Dewan, Ponnurangam Kumaraguru, "Cbl: Improving Credibility of User-Generated Content on Facebook". *Big Data Analytics (BDA) - 6th International Conference 2018, NIT Warangal*, pp 170-187, *Proceedings in Lecture Notes in Computer Science book series (LNCS, volume 11297)*, Springer International Publishing.



91. Suman Srivastava, Novel Ferrocene-labeled Propargyl amines via CuI Multicomponent Amination/ Alkynylation, *New J. Chem.*, 43, 6469-6471, 2019.
92. Sunil, S Choudhary, Amit Mahajan, Stability analysis of a couple-stress fluid saturating a porous medium with temperature and pressure dependent viscosity using a thermal non-equilibrium model, *Applied Mathematics and Computation*, 340, 15-30, 2019.
93. Suraj Sharma, A. K. Singh, Harmonic reduction in Various Systems Connected through distributed Energy Resources, in *Proc. of the 3rd IEEE International Conference for Convergence in Technology 2018*, Pune, India, 6-8 April, 2018.
94. T. Venkata Madhava Ram, A. Agarwal, and T. Kanumuri, Performance enhancement by shade dispersion of Solar Photo-Voltaic Array under continuous dynamic partial shading conditions, *Journal of Cleaner Production*, Elsevier, Vol. 213, pp.462-479, 2019.
95. U.K. Acharya and S. Kumar, Partical swarm optimization exponential constriction factor (PSOECF) based channel equalization, 6th IEEE International Conference on Computing for Sustainable Global Development (INDIACom-2019), BVICAM, New Delhi, India, 13-15 March 2019.
96. V. Kumari, Gyanendra Sheoran, T. Kanumuri, R. Vyas, S.A. Rao, Development and Analysis of Anatomically Real Breast Phantoms using Different Dispersion Models, *Journal of Electronic Imaging*, SPIE, 27(5), 051298, 2018.
97. V.A. Popescu, Anuj K. Sharma, Resonant interaction between two core modes in a plasmonic biosensor based on a birefringent solid-core microstructured optical fiber, *OSA Continuum*, 1, 496, 2018.
98. Vartika Puri, Shelly Sachdeva, Parmeet Kaur, "Privacy preserving publication of relational and transaction data: Survey on the anonymization of patient data", *Computer Science Review*, Volume 32C, 2019, Pages 45-61.
99. Vivek Kumar Giri, Shelly Sachdeva, "Anomaly Detection in Social Networks", 9th International Conference on Cloud Computing, Data Science & Engineering, CONFLUENCE 2019, Amity University.

8.5 Research Project(s)

1	Title of Project	:	Stability and Convection in Magnetic Nanofluids
	Principal investigator (PI) / Co-PI	:	Dr. Amit Mahajan (PI)
	Funding Agency	:	Council of Scientific and Industrial Research (CSIR), India
	Amount	:	Rs.16,00,000/- (Approx)
2	Title of Project	:	Higher-Order DC-DC Converters for Power Management of DC Nanogrid in Futuristic Smart Buildings
	Principal investigator (PI) / Co-PI	:	Dr. Anmol Ratan Saxena (PI)
	Funding Agency	:	SERB
	Amount	:	Rs.46,98,100/-
3	Title of Project	:	Analysis and design of plasmon-based photonic devices utilizing enhanced light absorption in metallic nanostructure
	Principal investigator (PI) / Co-PI	:	Dr. Anuj K Sharma
	Funding Agency	:	Council of Scientific and Industrial Research (CSIR), India
	Amount	:	Rs. 18 Lakhs (approx.)
4	Title of Project	:	Feasibility study of distributed buried fiber optics intrusion detection for perimeter surveillance
	Principal investigator (PI) / Co-PI	:	Dr. Gyanendra Sheoran
	Funding Agency	:	LASTEC (DRDO)



	Amount	:	Rs. 7.5 lakhs
5	Title of Project	:	Agile Modeling of SMART CITY – “a fusion of IoT and Big Data”
	Principal investigator (PI) / Co-PI	:	Dr. Karan Verma and Dr. Abderrezak Rachhedi
	Funding Agency	:	DST-INRIA-CNRS
	Amount	:	35 Lakhs
6	Title of Project	:	Big Data Management in VANET
	Principal investigator (PI) / Co-PI	:	Dr. Karan Verma and Prof. Ronni Gamzu
	Funding Agency	:	DST-MOST
	Amount	:	28 Lakhs
7	Title of Project	:	Internet Academy
	Principal investigator (PI) / Co-PI	:	Dr. Karan Verma and Prof. Leandro Melo de Sales
	Funding Agency	:	INDIAN-Brazil (ISOC)
	Amount	:	50 Lakhs
8	Title of Project	:	Edge Learning for the Internet of VANET Applications
	Principal investigator (PI) / Co-PI	:	Dr. Karan Verma
	Funding Agency	:	Hitachi Project R&D
	Amount	:	25 Lakhs
9	Title of Project	:	Modeling and simulation of moored ship motion in Paradip port under the resonance conditions for multidirectional random waves
	Principal investigator (PI) / Co-PI	:	Dr. Prashant Kumar (PI)
	Funding Agency	:	SERB, DST, Govt. of India
	Amount	:	Rs.18,02,240/-
10	Title of Project	:	Influence of Natural climate Variabilities over the extreme wave climate in Indian Ocean accessed by the re-analyses and CMIP5 model data
	Principal investigator (PI) / Co-PI	:	Dr. Prashant Kumar (PI), Dr. V. S. Pandey (Co-PI), VK Pandey (CO-PI)
	Funding Agency	:	MoES/36/OOIS/Extra/69/2018, Ministry of Earth Sciences, Government of India
	Amount	:	Rs.31,26,000/-
11	Title of Project	:	Design and Development of Detection and Extinguishing Systems for Forest Fire using Sensor Networks, Aerial and Ground Robots
	Principal investigator (PI) / Co-PI	:	Dr. Paramita Guha (PI), Dr. Pankaj Mukhija (Co-PI), Mr. Kailash Chand (Co-PI)
	Funding Agency	:	DST, Govt. of India
	Amount	:	Rs. 29,68,000
12	Title of Project	:	Design of Electronics and Photonic Devices using Ge1-X SnX Alloy: An emerging Group IV Semiconductor Material and Investigation of Physical Process of the Devices
	Principal investigator (PI) / Co-PI	:	Dr. Rikmantra Basu
	Funding Agency	:	DST – SERB Early Career Research Award
	Amount	:	Rs.25,00,000/-
13	Title of Project	:	Investigation of extreme events in Indian summer monsoon rainfall and future projects of the Indian summer
	Principal investigator (PI) / Co-PI	:	Dr. V. S. Pandey (Co-PI)



	Funding Agency	:	DST/CCP/NCM/74/2017(G), Department of Science and Technology, Climate Change Programme-(Splice)
	Amount	:	Rs.50,79,040/-
14	Title of Project	:	High Responsivity GeSn Short Wave Infrared Phototransistors
	Principal investigator (PI) / Co-PI	:	Dr. Rikmantra Basu (Co-PI)
	Funding Agency	:	DST Indo- Taiwan Bilateral Joint Programme
	Amount	:	Rs.31,00,000/-
15	Title of Project	:	Design, Synthesis and application of bio inspired NHC metal complexes in catalysis and bioimaging
	Principal investigator (PI) / Co-PI	:	Dr. Suman Srivastava
	Funding Agency	:	Department of Science and Technology
	Amount	:	Rs.35,00,000/-

9.0 BOG AND OTHER COMMITTEES

Board of Governors

S. No.	Members	Designation
1	Prof. Sanjay Govind Dhande, Former Director, IIT Kanpur	Chairman
2	Prof. Praveen Kumar, Director, NIT Delhi	Member
3	Joint Secretary (NITs) or his nominee	Member
4	Financial Advisor (MHRD) or his nominee	Member
5	Dr. Nagesh Thakur, Professor, Department of Physics, HP University, Shimla	Member
6	Ms. Lalita Nijhawan, Director, Nijhawan Group of Companies & President, CKRDT Foundation	Member
7	Registrar, NIT Delhi	Member Secretary

Finance Committee

S. No.	Members	Designation
1	Prof. Sanjay Govind Dhande, Former Director, IIT Kanpur	Chairman
2	Prof. Praveen Kumar, Director, NIT Delhi	Member
3	Joint Secretary (NITs) or his nominee	Member
4	Financial Advisor (MHRD) or his nominee	Member
5	Dr. Nagesh Thakur, Professor, Department of Physics, HP University, Shimla	Member
6	Ms. Lalita Nijhawan, Director, Nijhawan Group of Companies & President, CKRDT Foundation	Member
7	Registrar, NIT Delhi	Member Secretary



Building & Works Committee

S. No.	Members Present	Designation
1	Prof. Praveen Kumar, Director, NIT Delhi	Chairman
2	One member nominated by the Central Government not below the rank of Director or Deputy Secretary	
3	Financial Advisor (MHRD) or his Nominee	Member
4	Dr. A.K Gupta, Former Director, IRDE Dehradun	Member
5	Dean (Planning & Development), NIT Delhi	Member
6	Estate Officer, NIT Delhi	Member
7	Registrar, NIT Delhi	Member Secretary

10.0 CENTRAL FACILITIES AND SERVICES

10.1 Computer Center

The Computer Centre at NITD was established on 18th February, 2014 to cater the computational requirements of the Institute and is equipped with latest state of the art technological resources. The Institute visualizes 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 Wi- Fi facility through rack mounted blade servers in the campus having High speed (single mode) fiber backbone, managed by Layer 4 Switches providing 275 Mbps (1:1) bandwidth Speed. These networking facilities are also extended to Boys Hostel, PG Girls and Residential areas with VoIP solution.



10.2 High Performance Computing Lab

NIT Delhi has established high computing Lab with workstations having INTEL XEON, SIX CORE processor to meet high and computation needs for faculty and research scholar.





10.3 Param Shavak - Super Computing Facility

NIT Delhi has collaborated with the Centre for Development of Advanced Computing (C-DAC) to provide super computing solutions through the product PARAM SHAVAK. This is a Supercomputer in a Box solution, aims to provide computational resource (Capacity building) with advanced technologies to perform the high-end computations on a larger scale for the scientific, engineering and academic programmes.

10.4 Wi-Fi Enabled Campus

The campus and all the hostels of the Institute are fully WiFi enabled along with LAN facility. It is Single mode fiber (Point to point).

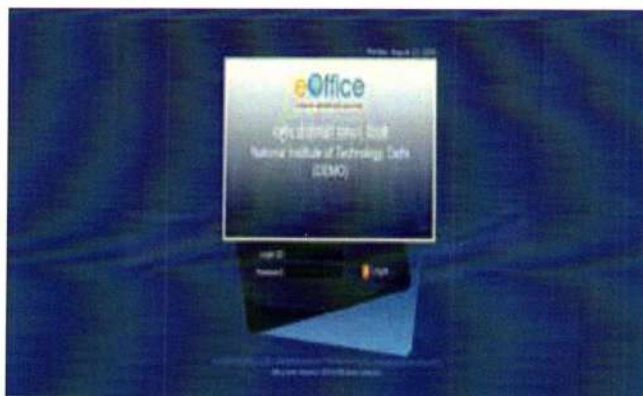
10.5 CCTV Surveillance

NIT Delhi promises high in and around the campus with its 24 X 7 CCTV surveillance. It helps to have keen vigil on the activities in the Institute.

10.6 e-Office

NIT Delhi has implemented **eOffice** to automate the Office procedures and bring in transparency in office working. The eOffice Premium version consists of following applications:

- **File Management System (eFile)** - Automates the processing of files and receipts
- **Knowledge Management System (KMS)** - Acts as a centralized repository of various documents such as acts, policies and guidelines.
- **Leave Management System (eLeave)** - Automates the leave application and approval process.
- **Tour Management System (eTour)** - Automates employee tour programmes.
- **Personnel Information Management System (PIMS)** - Manages employee records. The output of PIMS is eService Book.
- **Collaboration and Messaging Services (CaMS)** - For internal collaboration and messaging.



10.7 Video Conference

NIT Delhi is equipped with solution to connect through Video Solution to Government entities and other institutions of nation and abroad.



10.8 Enterprise Resource Planning (ERP)

Institute Management System (IMS) is management software- typically a suite of integrated applications—that an organization can use to collect, store, manage and interpret data.

Features in IMS:

Student Information System

- Student master database
- Rooms and exam centres management
- Formation of programs/branches/sections /sub- sections
- Enrolment number generation
- Pre-registration/registration



- Core subject allocation
- Department wise elective/free elective offerings
- Elective/free elective choice collection from students
- Faculty subject choice with rooms, day & time preference
- Teaching load distribution
- Registration slip printing
- Add/drop regular/back paper subjects
- Integrated fee collection
- Student attendance
- Time table preparation

Web-Kiosk: Web based application containing all the information related to students and employees (teaching & non-teaching). It is a presentation layer of Campus Lynx. All the users will have a separate Login ID and password to access the kiosk. It has following information:

Student Web-Kiosk

- Personal information – view/edit
- Academic information
- Pre-registration/registration
- Record subject choice
- Class time table
- Class attendance
- Class tests/mid/end semester test marks detail
- Exam date sheet with seating plan
- Marks obtained / CGPA/SGPA details
- Disciplinary record
- Fee detail which includes:
- Fee payment, dues details

Employee Web-Kiosk

- Personal information
- Contact information

- view/edit
- Academic information
- Subject/room/day/time preference for time table
- Time table (entire/employee wise)
- Student attendance
- Day/time preference/no duty request for invigilation duty
- Employee wise date sheet/invigilation duty
- View seating plan
- Marks entry of class tests/mid semester test
- Grade calculation
- Booking / cancellation of room for special activities/extra class
- View result of student reaction survey (self)
- Administration user option
- Student information
- Employee information
- Security management.

Examination Management

- Date sheet generation
- Seating plan
- Invigilation duty with faculty load distribution/no duty request/time preference
- Attendance/absentee list generation
- Event based dual marks entry system
- Secured online entry of marks by faculty members with HOD/CoE/Dean Academic/ Director approval
- Result processing
- Final marks
- Grade calculation
- CGPA/SGPA calculation
- Tabulation of grade list



- Printing of grade/mark sheet, transcript & various MIS reports
- Publishing of result on the web after approval

Student Fee Management

- Dynamic fee heads
- Multiple currency support
- Fee structure – Academic year, program wise fee with multiple quota handling – Individual fee structure
- Fee waiver/discount
- Special approval in case of delay in payment
- Fee collection
- Cash
- Bank
- DD/cheque/ECS
- Payment gateway
- Online payment (on demand)
- Fine collection
- Fee refund/settlement
- Payment list/dues list

Human Resource Management System

- Archiving of all employee data
- On-line manpower indentation
- Employee Database
- Personal information
- Professional information
- Dependent details
- Journals/Publications/Conference/Seminar etc.
- On-line/off-line application collection with applicant database
- Short listing
- Call Letter generation

- Formation of interview committee
- Interview remarks
- Selection and joining
- Employee Database
- Personal information
- Professional information
- Dependent details
- Journals/Publications/Conference/Seminar etc.
- Salary/Perks/Reimbursement details
- Promotion/Increment
- Visiting Professors/Guest Faculty details
- Dynamic Earning/ Reimbursement/ Deduction Management with formula builder
- Leave Management
- Salary computation and generation of pay bills and pay slips

Purchase/receiving/Inventory

- Raising of purchase requisition
- Store indent generation
- Placing of enquiry to various parties
- Comparative statement generation
- Purchase order through approved quotation
- Amendment of approved purchase order
- Goods receipt and material inspection
- Purchase return
- Bill passing with FAS integration
- Material issue/receipt
- Material transfer in/out to other stores/locations
- Physical stock verification and adjustment voucher
- Item repair
- Store valuation on weighted average methodology

Activities Performed:

- Marks entry and grade calculation.



- Result publish online of Makeup and End semester Examination
- Attendance Entry on IMS
- View attendance online for students and faculty.
- Online No Dues clearance.
- Generation of Grade sheet with QR code.
- Online Hostel outgoing request and approval.
- Online semester course registration.
- Online faculty recruitment.
- Assist in implementation of various modules like PRI, FAS and HRMS.
- Provide demonstration to faculty, non faculty and students.

10.9 Vol P with PRI Line

NIT Delhi has a PRI- VoIP line that provides up to 23 separate 64 Kbps B lines and one data channel line with 64 Kbps. PRI system offers a business-style system with a multitude of lines that can be sent over the Internet and not over traditional landlines. Further, it allows Internet-based phone calls and other lines used for data transmission used for things like video conferencing.



10.10 Software & Hardware :

Following are available for use:

S. No.	Description	Quantity/ users
1	Windows Server [WinSvrStd 2012R2 SNGL OLP NL Acdmc 2Proc (P73-06272),WinSvrCAL 2012 SNGL OLP NL AcdmcDvcCAL(R18-04271)]	03 Nos. (500 Users)
2	RedHat Enterprise Linux Server ES 6.x Premium (64 bit) (1-2 SoC/1G)	03 Nos.
3	Cadence Software Cadence University Research Bundle Complete Analog& Digital Front end & back end tools for Research, 3 years license	10 Users
4	QualNet for Five years with three base libraries (Multimedia and Enterprises, Wireless, Developer) Cellular,SensorUrban,UMTS, Wimax	01 Nos. (10 Users)
5	NetSim Standard Version 8.0 [Versatile tool to simulate &analyze computer networks with modeling facility. NetSim Standard version is specially designed for project work and research]	15 Users
6	RSoftOptisih V 2014.09 Software for 3 Year Term Network Academic License (Windows 7/8 or Higher Ver.) Optional Add-on Modules ModeSYS, OptSIM Circuit	10 Users
7	TCAD (Synopsys EDA Tool for TCAD Consisting of: 4458-0 Synopsys Asia Pac Advance (3D) TCAD (University Bundle-05 Licensees) 3 Year TSL, Network Floating)	01 Nos
8	MATLAB, Simulink Tools	25 Users
9	CYME Software	15 Users

Networking Equipment with Support 10 G

S. No.	Product description	Product Part Code	Total Qty
1	Wireless Controller with licenses	AIR-CT5508-25-K9	1
2	Indoor Access Points (Type-1)	AIR-CAP3702I-N-K9	24
3	Indoor Access Points (Type-2)	AIR-CAP2602I-N-K9	8
4	Outdoor Access Points	AIR-CAP1552E-N-K9	14



5	24 Port Core Switch	WS-C3750X-24S-S	1
6	48 Port non PoE Switches (Type-1)	WS-C2960X-48TS-L	2
7	8 Port PoE Switches (Type-2)	WS-C3560CG-8PC-S	2
8	24 Port PoE Switches (Type-3)	WS-C2960X-24PS-L	16
9	Small Secure Network Server	SNS-3415-K9	1
10	Core Switch (Type-3)	WS-C2960XR-24PS-I	1
11	Unified Threat Management (Fortinet)	FG-800C-BDL	1
12	Call Manager with licenses	BE6H-M4-K9=	12
13	Video Phone (Type-1)	CP-DX80-K9=	3
14	Video Phone (Type-1)	CP-DX70-K9=	2
15	Basic Video Phone (Type-2)	CP-8845-W-K9=	30
16	Basic IP Phone (Type-3)	CP-3905=	60
17	Voice Gateway Router	CISCO2911/K9	12

High End Servers

S. No.	Product description	Product	Total Qty
1	HP Blade Server (with 8 Blade Populated, Storage upto 5 TB)	8th Generation (HP)	8
2	ISE Server	Cisco (Rack Mounted)	1
3	UCS Blade Server (CUCM server)	Cisco (Rack Mounted)	2
4	Unified Threat Management (Fortinet)	FG-800C-BDL	1
5	Unified storage combining NAS and SAN (Tyrone)	21 TB	1

11. Library

Total Library Collection

The Library has a total collection of 14684 (approx 2131 titles) inclusive of 4707 books in Book Bank category. The collection includes the text books, reference books and various competitive exams books etc. The total 127 books were added to the library collection during the year 2018-19. The Library also have multimedia collection like CD's/DVD's/NPTEL Videos etc. (approx 1170 CD's/DVD's). Also, Library has around 113 Thesis which are submitted by the B.Tech/M.Tech./PhD students of the Institute.

Brief Information about the Central Library

- The Central Library, NITD was established in the year 2012 (10 June 2012) in Dwarka to facilitate the access to information resources to faculty and students of the

Institute. It moved to its present location IAMR Campus, Narela Institutional Area on 18th February 2014. All the faculty members, students and staff of the Institute are entitled to access all the library facilities and services.

- The library is growing rapidly with exponential increase in number and type of collection to serve the information needs of the clientele in the field of Engineering, Science & Technology. It has very good reading room facility with proper ventilation and natural lighting. Library has a rich collection in the field of Engineering and Science & Technology including Mathematics, Physics, Chemistry, Polymer Science, and Environmental Sciences and also in the field of Humanities and Social Science including English and Economics.
- The Central Library is housed on the 2nd floor of the building with beautiful surroundings and is in midst



of the campus which is easily accessible from all departments and hostels.

- The text books and reference books are arranged on the shelves subject-wise according to the Dewey Decimal Classification Scheme.
- The library follows Open Access System along with Self Check-in and Self Check-out facility.
- Documents, belonging to 'Reference' category like Dictionaries, Directories, Handbooks, etc. are available for reference/consultation within the library premises only.
- The text books of the prescribed syllabus and other recommended books are kept in the Text Book collection along with separate reference collection for easy access to the users.

Information Technology: Automated Library System

- The library is connected to the campus LAN and Wi-Fi facility. The library server works under Windows 8 environment.
- The Library uses LIBSYS 7 software package which is an integrated multi-user library automation management system that supports all in-house activities of the library.
- The Library have RFID (Radio Frequency Identifier) based Automation system and Circulation system (self Check-in/Check-out).
- The database of the entire library acquisitions is being updated on regular basis along with details of recently acquired books.
- The library has WebOPAC facility under which all the bibliographic details of the library collection can be accessed from Internet 24x7 on all week days by the users.

Library Facilities & Services Library Membership Facility:

Library Membership Facility: All students, faculty and staff members of the Institute are eligible for the membership of the Institute library for using its facilities and services offered for the purpose of their academic, research and

administrative work. 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.

Book Bank Facility: The Library provides 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 are issued to the individual student for entire semester.

Reference and Information Service: The Library also has a collection of General reference books including Dictionaries, Handbooks, and Bibliographies, etc. and these are available for reference within the library premises and are not for lending.

Email Alert Service: Library provided 'Email Alert Facility' during the year 2018-19. Through this facility library send alerts for the Check-In/Check-Out, overdue and other alerts to its members.

Reading Facility: The library subscribed total 22 magazines (18 in English and 1 in Hindi) during the year on different subject areas like General awareness and Competitive, Science and Technology, Computer Sciences, Engineering, Sports and Health, Yearly GK magazines, Women awareness, Travel and Photography, etc. The library also subscribes 11 (5 Hindi and 6 English) newspapers including daily and weekly papers.

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 via Intranet/Internet.

Current Awareness Service: The library keeps it users updated about the current collection procured, resources subscribed or any other information/updates in the library on time to time basis.

Resource Sharing: There is Resource sharing facility for the users of the library to access the E-journals through J-Gate platform subscribed through NIT Consortium.

Photocopy Facility: Users are asked to avail the photocopy service for a specific piece of information. Copyright issues



and Plagiarism is always taken care of by not allowing the excessive photocopy of a document.

Newspaper Clipping Service: Newspaper clippings record about NIT's all over the India is maintained in the Library. Any other newspaper clipping required by the faculty or student on a specific heading is provided to them on request.

Plagiarism Check facility: The Library provides plagiarism check facility through Turnitin Anti Plagiarism Software to the Students and faculty members of the Institute.

E-Library Resources & Facilities

- **E-Journals:** Library subscribes to five Electronic Databases through AICTE-INDEST Consortium which includes more than 6000 journals/articles/magazines/conference proceedings etc. in electronic format. The List of the Subscribed E-Databases during the year is as below:
 1. Elsevier Science Direct
 2. ACM Digital Library
 3. IEL Online (IEEE+IET)
 4. Springer Link (1700+ Journals)
 5. ASME (American Society of Mechanical Engineers)
- **E-Library 'Mobile App':** The NIT Delhi has partnered with Knimbus to launch 'NIT Delhi eLibrary' which is India's first library mobile application for its students. This 'Mobile App' is available for free on the Google Playstore. This 'Mobile App' updates the users about the current resources of library (Printed and E-Resources) and provides the access to the thousands of E-books, subscribed E-Databases and various other Electronic Resources anytime (i.e. 24x7) from anywhere in the World.
- **Turnitin (Anti-Plagiarism Software):** Turnitin is the leading originality checking and plagiarism prevention service used by the faculty, students and research scholars at the Institute. Turnitin encourages best

practices for using and citing other people's written material.

- **NPTEL Videos:** The Library provides access to NPTEL (National Programme on Technology Enhanced Learning) Video to the various users of 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 Human Resource Development (MHRD).

Other Important Activities of the Library

- **Library Advisory Committee:** There is library advisory committee which consists of Chairperson and faculty members from each department including Assistant Librarian as the Convener. The library committee meets from time to time to frame and upgrade the policies and to review the working conditions for smooth functioning of the library.
- **SC/ST Book Bank Cell:** A number of measures exist for helping students belonging to SC and ST categories. There is 'SC/ST Book Bank Cell' in the Institute that ensures the distribution of 'Book Bank' by the Library to SC/ST students (on 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.
- **Orientation Programme to Users:**

The library conducts orientation programme for the users from time to time whenever any new software/technology is introduced in the library for all the students, faculty and other staff members of the Institute for the maximum utilization of the varied library resources and services.

12. Hostels

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 316 boys and 90 girls.



NIT Delhi has two boys' hostels and two girls' 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 (2 Nos.)

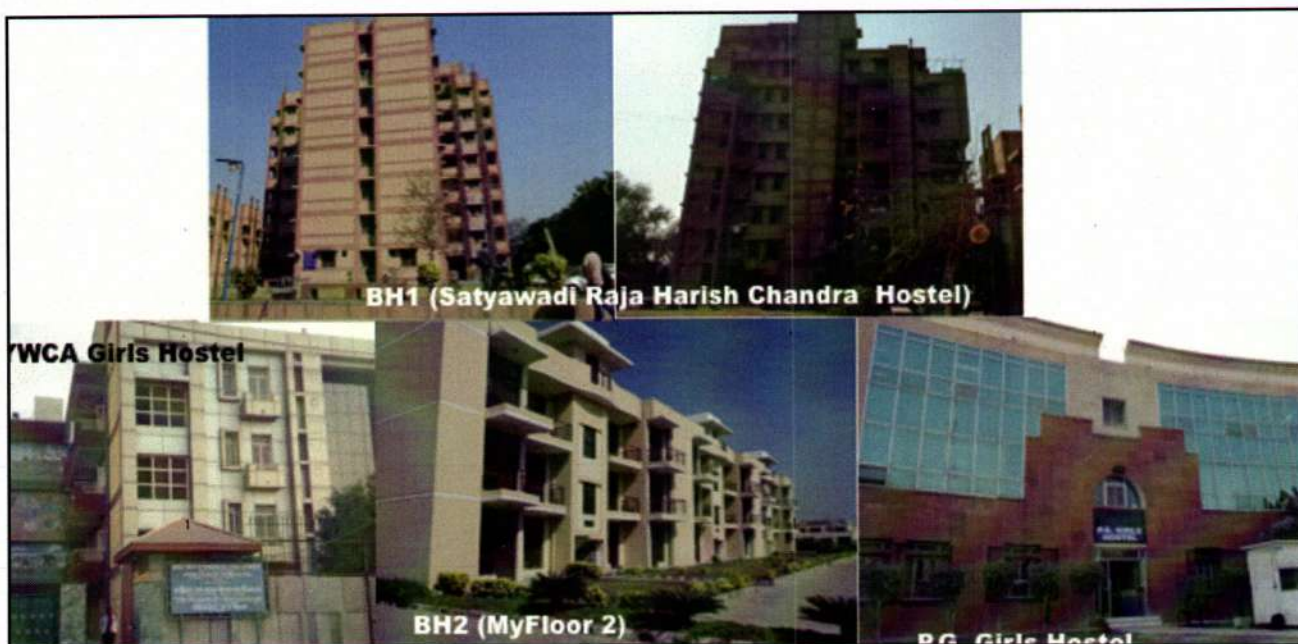
- BH1- Satyawadi Raja Harish Chandra Hostel
- BH2- My Floor 2, Kundli

Girls Hostel (2 Nos.)

- GH1- YWCA Girls Hostel, Rohini
- GH2- P.G Girls Hostel, NIT Delhi

Following are the other facilities provided in the hostels -

- Fully furnished and spacious rooms
- Free Wi-Fi and a computer room
- Visiting room
- Geezers and water coolers
- Play ground for outdoor games
- First aid facility
- Institute vehicle is available 24 hours for medical emergency
- Washing machine facilities and also 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







Part - II

Separate Audit Report and Annual Accounts (2018 - 2019)



Separate Audit Report (2018-2019)



कार्यालय महानिदेशक लेखापरीक्षा (केन्द्रीय व्यय)
Office of the Director General of Audit (Central Expenditure)
इन्द्रप्रस्थ एस्टेट, नई दिल्ली-110 002
Indraprastha Estate, New Delhi-110002

ए.एम.जी-IV/एस.ए.आर/एन.आई.टी./10-12/2019-20/

दिनांक: 24.01.2020

सेवा में,

सचिव, भारत सरकार,
उच्चतर शिक्षा विभाग,
मानव संसाधन विकास मंत्रालय,
शास्त्री भवन, नई दिल्ली-110001

विषय : वर्ष 2018-19 के लिए राष्ट्रीय प्रौद्योगिकी संस्थान, नई दिल्ली के लेखाओं पर पृथक लेखापरीक्षा प्रतिवेदन

महोदया/महोदय,

मैं, राष्ट्रीय प्रौद्योगिकी संस्थान, नई दिल्ली के वर्ष 2018-19 के प्रमाणित वार्षिक लेखे की प्रति उसके प्रतिवेदन तथा लेखापरीक्षा प्रमाणपत्र की प्रति सहित संसद के पटल पर रखने के लिए संलग्न करता हूँ।

संसद को प्रस्तुत कर दस्तावेज की दो प्रतियाँ उस तिथि को दर्शाते हुए, जब वे संसद को प्रस्तुत किये गए थे, इस कार्यालय को तथा भारत के नियंत्रक एवं महालेखापरीक्षक के कार्यालय को भेजी जाए।

कृपया यह सुनिश्चित किया जाये कि पृथक लेखापरीक्षा प्रतिवेदन को संसद के दोनों सदनों के समक्ष प्रस्तुत करने से पहले वार्षिक लेखाओं को शासी निकाय (Governing Body) द्वारा अनुमोदित अवश्य करा लिया जाये तथा यह भी सुनिश्चित करें कि 2018-19 के लेखापरीक्षा प्रतिवेदन एवं लेखापरीक्षा प्रमाणपत्र को संसद के पटल पर रखने से पहले सभी पूर्व वर्षों के लेखापरीक्षा प्रतिवेदन एवं लेखापरीक्षा प्रमाणपत्र संसद के पटल पर प्रस्तुत किये जा चुके हों।

लेखापरीक्षा प्रतिवेदन का हिंदी अनुवाद एवं इसे जारी करने से सम्बन्धित सभी कार्यों को आपके निकाय द्वारा किया जाना ही अपेक्षित है। पृथक लेखापरीक्षा प्रतिवेदन का हिंदी अनुवाद जारी करते समय निम्नलिखित अस्वीकरण (disclaimer) अंकित करें।

“प्रस्तुत प्रतिवेदन मूल रूप से अंग्रेजी में लिखित पृथक लेखापरीक्षा प्रतिवेदन का हिंदी अनुवाद है। यदि इसमें कोई विसंगति परिलक्षित होती है तो अंग्रेजी में लिखित प्रतिवेदन मान्य होगा।”

भवदीय,

संलग्नक: यथोपरि

— हस्ता —
उप-निदेशक (ए.एम.जी-IV)

Ph. : + 91-11-23454100
Fax : + 91-11-23702271

DGACR Building, I.P. Estate, New Delhi - 110002
E-mail : dgace@cag.gov.in



ए.एम.जी-IV/एस.ए.आर/एन.आई.टी./10-12/2019-20/

दिनांक: 24.01.2020

प्रति, प्रमाणित वार्षिक लेखे कि प्रति, उसके लेखापरीक्षा प्रतिवेदन तथा लेखापरीक्षा प्रमाणपत्र की प्रति सहित निदेशक, राष्ट्रीय प्रौद्योगिकी संस्थान, आई ए एम आर कैम्पस इंस्टिट्यूशनल एरिया, सेक्टर ए-7, नरेला दिल्ली- 110040 को आवश्यक कार्यवाही हेतु अग्रेषित की जाती है। वार्षिक लेखाओं की हिंदी प्रति की 1 प्रति आवश्यक कार्यवाही हेतु इस कार्यालय को भेजी जाए।

संसद को प्रस्तुत कर दस्तावेज की दो प्रतियाँ उस तिथि को दर्शाते हुए, जब ये संसद को प्रस्तुत किये गए थे, इस कार्यालय को तथा भारत के नियंत्रक एवं महालेखापरीक्षक के कार्यालय को भेजी जाए।

संलग्नक: यथोपरि

— हस्ता —

अ- निदेशक (ए.एम.जी-IV)

ए.एम.जी-IV/एस.ए.आर/एन.आई.टी./10-12/2019-20/ 544

दिनांक: 24.01.2020

प्रति, प्रमाणित वार्षिक लेखे कि प्रति, उसके लेखापरीक्षा प्रतिवेदन तथा लेखापरीक्षा प्रमाणपत्र की प्रति सहित महानिदेशक (स्वायत्त निकाय), भारत के नियंत्रक एवं महालेखापरीक्षक का कार्यालय, 9, दीन दयाल उपाध्याय मार्ग, नई दिल्ली-110124 को अग्रेषित की जाती है।

यह महानिदेशक लेखापरीक्षा (केंद्रीय व्यय) के अनुमोदन से जारी किया जा रहा है।

संलग्नक: यथोपरि

प्रवीन स्वर्सेना
24/1/2020
अ- निदेशक (ए.एम.जी-IV)

Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of the National Institute of Technology, Delhi for the year ended 31st March 2019

We have audited the attached Balance Sheet of the National Institute of Technology, Delhi as on 31 March 2019 and the Income & Expenditure Account/Receipts & Payment Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971. These financial statements are the responsibility of the Institute's Management. Our responsibility is to express an opinion on these financial statements based on our audit.

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

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

i We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;

ii The Balance Sheet and Income & Expenditure Account/Receipts & Payments Account dealt with by this report have been drawn up in the format prescribed by the Ministry of Human Resource Development.

iii In our opinion, proper books of accounts and other relevant records have been maintained by the Institute in so far as it appears from our examination of such books.

iv We further report that:

A. Grants-in-aid

National Institute of Technology, Delhi received grant-in-aid of Rs. 61.70 crore during 2018-19. It had an opening balance of grant in aid of Rs. 40.08 crore and it transferred Rs. 22.20 crore (Rs. 22.00 crore from Corpus Fund & Seed Money of Rs. 0.20 crore) to grant-in-aid. Out of the total grant-in-aid of Rs. 123.98 crore, it utilized Rs. 85.83 crore leaving an unspent balance of Rs. 38.15 crore as on 31 March 2019.

B. Management Letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of Director, NIT through a Management Letter issued separately for remedial/corrective action.



v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income and Expenditure Account and Receipts and Payments Account dealt with by this report are in agreement with the books of accounts.

vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements, read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report, give a true and fair view in conformity with accounting principles generally accepted in India:

a. in so far as it relate to the Balance Sheet of the state of affairs of the National Institute of Technology, Delhi as at 31 March 2019; and

b. in so far as it relate to the Income and Expenditure Account of the surplus for the year ended on that date.

For and on behalf of the C&AG of India

Director General of Audit
Central Expenditure

Place: New Delhi

Date: 24.01.2020



Annexure to Audit Report

1. Adequacy of internal audit system

There is neither any internal audit department/wing in NIT Delhi nor is internal audit being conducted by the Pr. Pay & Accounts Office of the Ministry of Human Resource Development.

2. Adequacy of internal control system

Control Environment

The internal control of the Institute was found to be inadequate as:

- There is no internal audit wing.
- The bank reconciliation statement is not being certified by the competent authority on close of every month.

3. System of physical verification of Assets

The physical verification of Fixed Assets had not been conducted for 2018-19.

4. System of physical verification of inventory

Physical verification of Stationary and Consumables had been conducted up to 2018-19.

5. Regularity in payment of statutory dues

As per accounts, no payments in respect of statutory dues were outstanding for more than six months as on 31.3.2019.



सुनील दाढे, मा.ले.प.ले.से.
Sunil Dadhe, IAAS



महानिदेशक लेखापरीक्षा
(केन्द्रीय व्यय)
भारतीय लेखा परीक्षा एवं लेखा विभाग
Director General of Audit
(Central Expenditure)
Indian Audit and Accounts Department

दिनांक: 24.01.2020

प्रबंधन पत्र

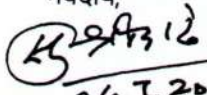
प्रिय डॉ. प्रवीण कुमार जी,

राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली, के वर्ष 2018-19 के लेखों की लेखापरीक्षा कर ली गयी है और मेरे कार्यालय के पत्र संख्या ए.एम.जी.-IV/एस.ए.आर./एन.आई.टी./10-12/2019-20/1543 दिनांक: 24/01/2020 के द्वारा लेखापरीक्षा प्रतिवेदन जारी कर दिया गया है। लेखापरीक्षा के दौरान कुछ अनियमितताएँ एवं कमियाँ ध्यान में आई है जिन्हें लेखापरीक्षा प्रतिवेदन में शामिल नहीं किया गया है। इन कमियों को संलग्न अनुबन्ध में दर्शाया गया है।

अतः इस पर आपका ध्यान आकर्षित करते हुए मेरा अनुरोध है कि इन अनियमितताओं एवं कमियों पर उचित कार्यवाही की जाए।

सविनय,

भवदीय,


24 I 2020

डॉ. प्रवीण कुमार,
निदेशक,
राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली,
सेक्टर ए-7 इन्स्टीट्यूशनल एरिया,
नरेला दिल्ली- 110040



Annexure to Management Letter

1. Current Liabilities & Provisions (Schedule 3) includes provision for gratuity of Rs. 10.75 lakh which has been shown under Other Current liabilities - outstanding expense instead of Provisions. The same need to be rectified.

The provision for leave encashment have not been created.

2. Receipts against Sponsored Projects including Sponsored Programmes includes closing balance of Rs. 10 lakh under NMECT Awareness Project as on 31st March, 2019 whereas as per utilisation certificate an amount of Rs. 2.80 lakh has been utilised during the year 2015-16 leaving an unspent balance of Rs. 7.20 lakh as on 31st March, 2019.

NIT stated that the expenditure of Rs. 2.80 lakh was inadvertently booked under Institutes Expenditure instead of booking under NMEICT Project. This has resulted in overstatement of Current-Liabilities & Provisions – Receipts against sponsored projects and understatement of Capital Fund.

3. Loans, Advances & Deposits (Schedule 9) does not include tuition fees of Rs. 8.05 lakh recoverable from the students as on 31/03/2019 admitted in NIT during the period from 2011 to 2015. This has resulted in understatement of Loans, Advances & Deposits and understatement of Capital Fund by Rs. 8.05 lakh.

4. The fact that the building is being constructed on a land not belonging to NIT has not been disclosed in Notes to Accounts.

5. An advance of Rs. 4.85 lakh (Schedule 8) was outstanding against employees as on 31st March, 2019 out of which unadjusted advances of Rs. 1.81 lakh pertained to the years from 2015-16 to 2017-18. Action may be taken to adjust these advances.

6. Loan, Advances and Deposits (Schedule 8) shows mobilisation advances to NBCC amounting to Rs. 17.28 crore as on 31st March, 2019 whereas as per MOU with NBCC, these are interest-free advances to NBCC. Hence, nomenclature needs to be rectified.

7. The Board of Governors in the year 2017-18 has approved the write off of loss of Fixed Assets of computer centre due to fire, the gross value of assets being Rs. 8.63 lakh. However, the net value of these assets (value not quantified) have not been deducted from the Accounts resulting in overstatement of Fixed Assets and Capital Fund. This was pointed in the previous year SAR but remedial action has not been taken

8. As per accounts, total value of the books as on 31/3/2019 is Rs. 77.27 lakh whereas as per library records it was Rs. 76.58 lakh. The difference of Rs. 0.69 lakh needs to be reconciled.

NIT stated that the difference of Rs. 0.69 has been identified and action is being taken for rectification.



9. NIT Delhi has not prepared the annual accounts for NPS which is contravention of format of accounts prescribed by MHRD.

NIT stated that the annual accounts of NPS cannot be prepared as NPS which is deducted each month is deposited to individual employee's NPS Account in the immediately next month. As such there is no amount of NPS is kept under Fixed deposit or any such investments. NPS Employer contribution has been shown under Schedule 15 and NPS Payable has been shown in Annexure B of Annual Accounts. This should be mentioned in the Notes to Accounts.

10. The advance register has not been maintained properly. It does not disclose the purpose for which the advances have been given and also does not shows the details of adjustment of advances.



Reply to headquarters' queries (NIT)

Comment. No.	Headquarters' Query	Reply
1.	"Draft" may be Deleted.	Deleted
2.	"As per accounts" may be Deleted.	Deleted
3.	It is 123.98 crore. Pl check and adopt	Needful done
4.	As per Schedule 7 – Current Assets, an amount of ` 29.55 crore was lying in Savng Account. The reasons for keeping huge funds in Saving Account may be examined during next transaction audit and if any irregularity noticed the same may be included in IR.	Noted for future compliance
5.	As per Schedule 8 – Advances and other amount an advance of ` 17.28 crore was given as Advances to NBCC. The reasons for giving huge advances may be examined during next transaction audit and if any irregularity noticed the same may be included in IR.	Noted for future compliance


26/11/2020
Dr. Director (AMG-IV)



Annual Accounts **(2018 - 2019)**



Ref. No.....

Dated.....

R.A. MARWAHA & CO.

CHARTERED ACCOUNTANTS

464-L, Adj. Union Bank of India,
Parkash Nagar Road, Model Town, JALANDHAR.
Mobile : 98552-88844
E-mail : akrandeve@rediffmail.com

Chartered Accountant's Compilation Report

We have compiled the attached **Balance Sheet of National Institute of Technology, Delhi** at 31 March, 2019 and also **The Income & Expenditure Account and the Receipt & Payment Account** of the institute for the year ended 31.03.2019 included in the accompanying prescribed form. We have not audited or reviewed the financial statements included in the accompanying prescribed form and, accordingly, do not express an opinion or provide any assurance about whether the financial statements are in accordance with accounting principles generally accepted in India.

Management is responsible for the preparation and fair presentation of the financial statements included in the form prescribed by Government of India, Ministry of Human Resource Development in accordance with accounting principles generally accepted in India and for designing, implementing and maintaining internal control relevant to the preparation and fair presentation of the financial statements.

Our responsibility is to conduct the compilation in accordance with generally accepted Accounting Principles issued by Institute of Chartered Accountants of India. The objective of a compilation is to assist management in presenting financial information in the form of financial statements without undertaking to obtain or provide any assurance that there are no material modifications that should be made to the financial statements.

The financial statements included in the accompanying prescribed form are presented in accordance with the requirements of Government of India, Ministry of Human Resource Development, and are not intended to be a presentation in accordance with accounting principles generally accepted in India.

This report is intended solely for the information and use of National Institute of Technology, Delhi and is not intended to be and should not be used by anyone other than these specified parties.

Date: 12/09/2019
Place: DELHI

For R.A. Marwaha & Co.
Chartered Accountants



CA DEVENDRA KUMAR SHARMA



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Balance Sheet as at 31.03.2019

Amount in Rs.

Sources Of Funds	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	1,435,843,391.00	932,990,098.00
Designated/Earmarked/Endowment Funds	2	43,808,781.00	32,848,040.00
Current Liabilities And Provisions	3	449,463,572.00	475,758,427.00
Total		1,929,115,744.00	1,441,596,565.00
Application Of Funds	Schedule	Current Year	Previous Year
Fixed Assets			
Tangible Assets 104,776,838.00			
Intangible Assets 559,640.00			
Capital Works-In -Progress 1,146,582,972.00	4	1,251,919,450.00	638,259,183.00
Investments - From Earmarked/Endowment Funds	5	-	-
Long Term		-	-
Short Term		-	-
Investments - Others	6	-	-
Current Assets	7	484,499,806.00	577,293,125.00
Loans, Advances & Deposits	8	192,696,488.00	226,044,257.00
Total		1,929,115,744.00	1,441,596,565.00
Significant Accounting Policies	23		
Notes On Accounts and Contingent Liabilities	24		

[Signature]

Accountant
NIT Delhi

[Signature]

Faculty (I) A/c
NIT Delhi

[Signature]

Asstt.Registrar
NIT Delhi

[Signature]

Registrar
NIT Delhi

[Signature]

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Income And Expenditure Account For The Year Ended On 31.03.2019

Amount in Rs.

Income	Schedule	Current Year	Previous Year
Academic Receipts	9	74,324,337.00	60,391,023.00
Grants/Subsidies/IRG	3c	218,289,776.00	182,575,498.00
Income from Investments	11	10,564,739.00	11,919,809.00
Interest Earned	12	12,800,213.00	17,277,667.00
Other Income	13	12,441,619.00	11,188,135.00
Prior Period Income	14	1	4,035,604.00
Total		328,564,839.00	287,387,736.00
Expenditure	Schedule	Current Year	Previous Year
Staff payments & benefit (Establishments Expenses)	15	74,120,356.00	52,579,188.00
Academic Expenses	16	1,037,195.00	1,578,492.00
Administrative and General Expenses	17	129,845,055.00	118,157,466.00
Transportation Expenses	18	6,905,939.00	7,196,444.00
Repair and Maintenance	19	3,155,884.00	3,046,009.00
Finance Cost	20	44,843.00	52,880.00
Depreciation	4	26,317,954.00	48,813,569.00
Other Expenses	21	-	-
Prior Period Expenses	22	4,262,542.00	1,596,391.00
Total		245,689,768.00	233,020,439.00
Balance being excess of Income over Expenditure		82,875,071.00	54,367,297.00
Balance Being Surplus/Deficits Carried To Capital/Corpus Fund		82,875,071.00	54,367,297.00

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt.Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Receipt & Payment Account For The Year Ended On 31.03.2019

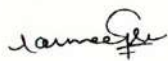
Amount in Rs.

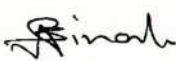
Receipts	Current Year	Previous Year	Payments	Current Year	Previous Year
I Opening Balance			I. Expenses		
(1) Cash Balance (Include Imprest)	669,342.00	199,720.00	--- Establishment Expenses	74,268,118.00	50,699,077.00
(2) Bank Accounts			--- Academic Expenses	998,195.00	1,430,333.00
In Schedule Banks	509,071,385.66	435,966,243.00	--- Administration Expenses	125,780,218.30	126,719,892.00
In Deposit Accounts	66,932,043.37	463,522,642.00	--- Transportation Expenses	6,905,939.00	1,337,184.00
II Grant Received(Sch-3(c))			--- Repair & Maintenance Expenses	3,155,884.00	3,046,009.00
--- Grant From Central Government	620,500,000.00	336,500,000.00	--- Finance Cost	44,843.00	52,880.00
III Accademic Receipts	59,580,785.00	57,871,992.00	--- Other Expenses		
			--- Prior Period Expenses	3,707,355.00	1,596,391.00
IV Security Deposit from Students					
--- Increase in Hostel Security Deposit	140,000.00	496,000.00	II .Payment Against Earmarked/Endowment Fund	3,662,620.00	3,625,759.00
--- Increase in Mess Security Deposit	140,000.00	490,000.00	III.Payment Against Sponsored Projects	7,427,059.00	6,932,864.00
--- Increase in Caution Money	580,000.00	1,471,419.00	IV.Payment Against Sponsored Fellowship and Scholarship		
V Receipts Against Earmarked/ Endowment Fund			V. Investments and Deposit made		
--- Institute Development Funds	4,473,000.00	4,176,000.00	--- Out of Earmarked/Endownments Funds		
--- Games Fund,Sports and Culture Funds	3,727,800.00	3,483,600.00	--- Out of Own Funds		
--- Students Aid and Welfare Funds Funds	745,740.00	696,880.00	VI. Term Deposit with Schedule		
--- Students Club	300.00	3,600.00			
--- Medical Funds	755,000.00	858,000.00	VII. Expenditure On Fixed Assts and Capital		
--- Library and Books Bank	1,790,400.00	1,684,800.00	--- Fixed Assets	6,725,866.00	38,484,327.00
--- Industrial Trainning & Placement	1,349,000.00	1,356,304.00	--- Capital Works In Progress	633,384,244.00	464,443,669.00
--- Allumimi Association	273,000.00	243,500.00	VIII. Other Payment Inculde Statutory Payment		
--- Examination Funds	1,491,000.00	1,489,175.00	IX. Refund Of Grants		
--- Startup Fund	105,237.00	-	X. Deposites & Advance		93,016,790.00
--- Faculty Dev. Prog.	-	-	XI. Other Payments		
--- Tech Fest	-	-	--- Time Barred Cheque	-	-
--- Dasa Students Fund	-	200,000.00	--- Payments of EMD	104,000.00	33,000.00
VI. Receipts Against Sponsored Projects	17,101,145.28	8,913,866.00	--- Payable to Students	630,257.54	-






VII. Receipts Against Sponsored Fellowship and Scholarship	-	-	--- Payments of Students Co-op Security	-	-
			--- Other Payments	653,465.00	222,101.00
VIII. Income On Investments			--- Payment of Security Deposits	268,409.00	-
---Earmarked/Endownments Funds	-	-	--- Payments of Library & Lab Security		
---Other Investments	9,986,218.45	12,248,026.00	--- Payment of Statutory due (Net)	2,579,814.23	28,707,542.00
IX. Interest Received on			XII. Closing Balance		
--- Bank Deposit	-	-	(1) Cash Balance (Include Imprest)	560,948.00	669,342.00
--- Loan & Advance	-	-	(2) Bank Accounts		
--- Saving Bank Accounts	16,051,274.65	17,281,213.00	In Schedule Banks	295,466,223.05	509,071,386.00
X. Investments encashed			In Deposit Accounts	187,917,913.23	66,932,043.00
XI. Term Deposits with Scheduled Banks encashed					
XII. Other income (including Prior Period Income)	10,329,774.00	15,147,989.00			
XIII. Deposits and Advances	28,260,829.94	-			
XIV. Miscellaneous Receipts including Statutory Receipts	-	32,412,853.00			
XV. Any Other Receipts					
--- Excess received from Students					
--- Received of EMD	75,000.00	125,000.00			
--- Increase in Time Barred Cheque	113,096.00	539,606.00			
--- Scholarship Payable	-	(357,839.00)			
Total	1,354,241,371.35	1,397,020,589.00	Total	1,354,241,371.35	1,397,020,589.00


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt.Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Annexure to Receipt & Payment Account For The Year Ended On 31.03.2019

S.No.	Particulars	Amount in Rs.
1	Academic Receipts	
	As per Income & Exp. A/c	74,324,337.00
	Add: Fee Outstanding during last year	-
	Add-Excess Fee Received	-
	Add: Advance Received during the year	-
		<hr/> 74,324,337.00
	Less-Excess Fee Received	
	Less: Advance received during previous year	14,743,552.00
	Less: Fee Outstanding during the year	
	Balance To Receipts & Payments A/c	<hr/> 59,580,785.00 <hr/>
2	Other Income	
	As per Income & Exp. A/c	12,585,774.00
	Add: Advance Received during the year	-
		<hr/> 12,585,774.00
	Less: Advance received during previous year	2,256,000.00
	Balance To Receipts & Payments A/c	<hr/> 10,329,774.00 <hr/>
3	Receipts Against Sponsored Projects	
	As per Sch-3(A)	18,550,388.25
	Balance To Receipts & Payments A/c	<hr/> 18,550,388.25 <hr/>
	Payments Against Sponsored Projects	10,687,230.00
	Balance To Receipts & Payments A/c	<hr/> 10,687,230.00 <hr/>
4	EMD	
	Add: Recd. During the year	75,000.00
	Less: Refunded during the year	104,000.00
5	Establishment Expenses	
	As per Income & Exp. A/c	74,120,356.00
	Add:- Provision for the year 2017-18	6,696,400.00
	Add:- Festival Advance 17-18	-
		<hr/> 80,816,756.00
	Less:- Festival Advance 16-17	-
	Less:- Provision for the year 2018-19	6,548,638.00
	Balance To Receipts & Payments A/c	<hr/> 74,268,118.00 <hr/>



6 Academic Expenses

As per Income & Exp. A/c	1,037,195.00
Add:- Provision for the year 2017-18	148,159.00
Less:- Payment Yet to be made to Creditors	-
Add:- Prepaid Expenses 2018-19	-
	<hr/>
	1,185,354.00
Less- Prepaid Expenses 2016-17	-
Less:- Provision for the year 2018-19	187,159.00
Balance To Receipts & Payments A/c	<hr/>
	998,195.00

7 Administration Expenses

As per Income & Exp. A/c	129,845,055.00
Add:- Provision for the year 2017-18	7,771,631.00
Add:- Payment made to Opening Creditors	5,311,850.00
Add:- Prepaid Expenses 2018-19	433,536.00
Add:- Closing Stock	553,323.30
	<hr/>
	143,915,395.30
Less:- Provision for the year 2017-18	16,509,844.00
Less:- Payment Yet to be made to Creditors	1,004,979.00
Less:- Opening Stock	620,354.00
Balance To Receipts & Payments A/c	<hr/>
	125,780,218.30

8 Intt. Recd. On Deposits

As per Income & Exp. A/c	12,800,212.65
Add: Accrued of Last Year 2017-18	3,254,658.00
	<hr/>
	16,054,870.65
Less: Accrued during the year 2018-19	3,596.00
Balance To Receipts & Payments A/c	<hr/>
	16,051,274.65



Accountant
NIT Delhi



Faculty (I) A/c
NIT Delhi



Asstt.Registrar
NIT Delhi



Registrar
NIT Delhi



Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Fund/Corpus Fund

Schedule 1

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
A	Balance at the beginning of the year	761,563,676.00	253,654,900.00
	Add: Contributions towards Corpus/Capital Fund	-	-
	Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure	639,978,222.00	507,908,776.00
	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	-	-
	Add: Other Additions	-	-
	Total (A)	1,401,541,898.00	761,563,676.00
B	Suplus/(Deficift) Opening Balance	171,426,422.00	117,059,125.00
	(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	73,287,142.00	-
	Others	9,587,929.00	54,367,297.00
	Add: Grants from UGC, Government of India and State Government to the extent utilized for Revenue Expenditure	-	-
	Less-Amount Transferred for Development for Novel Metal Project		
	Less-Amount Transferred to Unutilized Grant	220,000,000.00	
	Total (B)	34,301,493.00	171,426,422.00
	Total (A+B)	1,435,843,391.00	932,990,098.00

[Signature]

Accountant
NIT Delhi

[Signature]

Faculty (I) A/c
NIT Delhi

[Signature]

Asstt.Registrar
NIT Delhi

[Signature]

Registrar
NIT Delhi

[Signature]

Director
NIT Delhi

Date: 12.09.2019


Place: Delhi




NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Earmarked/Endowment Fund


Schedule 2

Schedule -2 Earmarked/ Endowment Fund	Allumini 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.	
													Total	
A.													Current Year	Previous Year
a.) Opening Balance	1,064,300.00	2,227,654.00	14,007,000.00	4,656,600.00	4,677,912.50	987,041.00	2,819,074.00	150,000.00	121,838.00	1,570,765.00	208,976.00	269,763.00	32,760,923.50	22,281,939.00
b.) Received During the Year	273,000.00	1,349,000.00	4,473,000.00	1,790,400.00	3,727,800.00	745,740.00	1,491,000.00		300.00	755,000.00	-	105,237.00	14,710,477.00	14,191,859.00
c.) Income from Investments made of the Funds	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d.) Accured Interest on the Investments/Advance2)Investment made on a/c of Funds	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.) Interest on Saving Bank a/c	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total (A)	1,337,300.00	3,576,654.00	18,480,000.00	6,447,000.00	8,405,712.50	1,732,781.00	4,310,074.00	150,000.00	122,138.00	2,325,765.00	208,976.00	375,000.00	47,471,400.50	36,473,798.00
B.														
Utilisation/Exp. Towards objects of the Funds														
i) Capital Expenditure	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ii) Revenue Expenditure	-	198,336.00		783,231.00	1,307,426.00	200,895.00	400,818.00			396,914.00		375,000.00	3,662,620.00	3,625,758.50
Total (B)	-	198,336.00	-	783,231.00	1,307,426.00	200,895.00	400,818.00	-	-	396,914.00	-	375,000.00	3,662,620.00	3,625,758.50
Closing balance at the year end (A-B)	1,337,300.00	3,378,318.00	18,480,000.00	5,663,769.00	7,098,286.50	1,531,886.00	3,909,256.00	150,000.00	122,138.00	1,928,851.00	208,976.00	-	43,808,780.50	32,848,039.50


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt.Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019
Place: Delhi




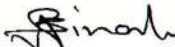
NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Endowment Funds

Schedule 2(A)

Amount in Rs.

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


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt.Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

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	5,600,500.00		5,460,500.00	
b)	Mess Security	5,590,000.00		5,450,000.00	
c)	Library & Lab Security	122,000.00		122,000.00	
d)	Students Co-op. Security	39,050.00		39,050.00	
e)	Security Deposit Students (Caution Money)	8,151,419.00		7,571,419.00	
f)	Tuition Fee Received in advance	-		14,401,552.00	
g)	Hostel Rent from Students (Advance)	-		1,914,000.00	
h)	Admin Processing Fees (Advance)	-		342,000.00	
i)	Computer/Internet Fees Received (Advance)	-		342,000.00	
j)	Scholarship Payable	78,500.60		78,500.60	
k)	Excess Fee Received	112,709.00		662,366.54	
l)	Other payable to Students	812,971.00	20,507,149.60	893,571.00	37,276,959.14
3	Sundry Creditors:				
a)	For Goods (Annexure 'A')	584,546.00		5,311,850.00	
b)	Others (Annexure 'A')	420,433.00	1,004,979.00	-	5,311,850.00
4	Deposit-others(Including, EMD, Security Deposit) Annexure 'D'	442,747.00	442,747.00	740,156.00	740,156.00
5	Statutory Liabilities:(TDS,GPF,WC Tax, CPF,GIS,NPS)				
a)	Overdue	-		-	
b)	Others Annexure 'B'	2,067,551.00	2,067,551.00	4,647,365.23	4,647,365.23
6	Other current Liabilities				
a)	Salary				
b)	Receipts against Sponsored Projects (Schedule 3A)	19,359,454.52		11,409,180.27	
c)	Receipts against Sponsored Fellowships & Scholarships Sch-3B	-		-	
d)	Unutilised Grants Sch-3C	381,502,822.00		400,770,820.00	
e)	Grants In Advance	-		-	
f)	Time Barred Cheques	1,099,002.00		985,906.00	
g)	Outstanding Exp Annexure 'C'	23,479,867.00	425,441,145.52	14,616,190.00	427,782,096.27
	Total (A)		449,463,572.12		475,758,426.64
B	Provisions				
1	For Taxation	-		-	
2	Gratuity	-		-	
3	Superannuation Pension	-		-	
4	Accumulated Leave/Encashment	-		-	
5	Trade Warranties/Claims	-		-	
6	Others (Specify)	-		-	
	Total (B)	-		-	
	Total (A+B)		449,463,572.12		475,758,426.64

James

Accountant
NIT Delhi

Rinadh

Faculty (I) A/c
NIT Delhi

Harish Chugh

Asstt.Registrar
NIT Delhi

Hup

Registrar
NIT Delhi

Praveen

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi




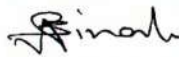
NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Sponsored Projects

Schedule 3(A)(i)


Amount in Rs.

S.No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure/ transfer during the year	Closing Balance	
		Credit	Debit				Credit	Debit
1	NMEICT Awareness	1,000,000.00	-	-	1,000,000.00	-	1,000,000.00	-
2	DST Project Inspire Faculty (Dr. Suman Srivastava)	951,007.00	-	-	951,007.00	879,641.00	71,366.00	-
3	DST Project NITD/DST/ASCH/02 (Dr. AP Singh)	369,528.00	-	-	369,528.00	359,133.00	10,395.00	-
4	DST-TDT/DDP-09/2018-G (Dr. Gyanendra Sheoran)	-	-	6,307,055.00	6,307,055.00	-	6,307,055.00	-
5	DST-TDT/SHRI-07/2018 (Dr. Gyanendra Sheoran)	-	-	1,710,640.00	1,710,640.00	-	1,710,640.00	-
6	SERB Project - AS-CH03 (Dr. AP Singh)	972,518.00	-	-	972,518.00	334,819.00	637,699.00	-
7	Seed Grant (Dr. AP Singh)	389,051.00	-	919,601.00	1,308,652.00	1,308,652.00	-	-
8	Linear and Non Linear Stability Analysis	144,264.00	-	-	144,264.00	-	144,264.00	-
9	MHRD Project	11,180.00	-	-	11,180.00	-	11,180.00	-
10	CSIR-Mr.Joginder Singh	87,500.00	-	-	87,500.00	87,500.00	-	-
11	CSIR-Anuj Kumar Sharma	-	-	596,401.68	596,401.68	538,360.00	58,041.68	-
12	Project Stability and Convention In Magnetic Nanofluid-Dr.Amit Mahajan	82,623.27	-	611,205.10	693,828.37	607,068.00	86,760.37	-
13	SERB/ECR/2016/1141 (Dr. Anmol Ratna Saxena)	1,306,854.00	-	421,030.00	1,727,884.00	805,210.00	922,674.00	-
14	SERB DST - Dr. Prashant Kumar	565,136.00	-	198,900.00	764,036.00	413,998.00	350,038.00	-
15	SERB DST - Dr. Rikmantra Basu	1,389,776.00	-	571,694.00	1,961,470.00	444,365.00	1,517,105.00	-
16	Special Man Power Development Project fund	2,721,096.00	-	200,000.00	2,921,096.00	875,040.00	2,046,056.00	-
17	BRNS - (Dr. Vivek Shrivastava)	-	-	213,936.90	213,936.90	203,906.00	10,030.90	-
18	LASTEC-LP/BU/REV (Dr. Gyanendra Sheoran)	-	-	770,062.73	770,062.73	301,709.00	468,353.73	-
19	MOES-36/OOIS (Dr. Prashant Kumar)	-	-	2,278,997.84	2,278,997.84	161,477.00	2,117,520.84	-
20	Unnat Bharat Project (Dr. Parveen Kumar)	-	-	550,000.00	550,000.00	-	550,000.00	-
21	Seed Grant (Dr. Gyanendra Sheoran)	977,650.00	-	45,006.00	1,022,656.00	1,022,656.00	-	-
22	Seed Grant (Dr.Sachin Singh)	-	-	259,637.00	259,637.00	259,637.00	-	-
23	Seed Grant (Dr.Tirupathiraju Kanumri))	-	-	225,000.00	225,000.00	225,000.00	-	-
24	CISR (Ms Vinita)	-	-	31,012.00	31,012.00	1,210.00	29,802.00	-
	Total	10,968,183.27	-	15,910,179.25	26,878,362.52	8,829,381.00	18,048,981.52	-


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt.Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019
Place: Delhi

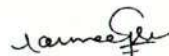



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Sponsored Programmes

Schedule 3(A)(ii)

Amount in Rs.

S.No.	Name of the Programme	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the year	Closing Balance	
		Credit	Debit				Credit	Debit
1	DST Brainstorming Committee Fund	412,259.00	-	-	412,259.00	36,147.00	376,112.00	
2	PSMS	19,980.00	-	63,457.00	83,437.00	83,437.00	-	
3	Research Scholar Day 2017	8,758.00	-	-	8,758.00		8,758.00	
4	Faculty Development Programme	87,116.00	-	89,982.00	177,098.00	75,078.00	102,020.00	
5	Sentience 2019	-	-	87,000.00	87,000.00		87,000.00	
6	AICTE Exam	-	-	1,737,770.00	1,737,770.00	1,663,187.00	74,583.00	
7	NCAME 2018	-	-	662,000.00	662,000.00		662,000.00	
	Total	528,113.00	-	2,640,209.00	3,168,322.00	1,857,849.00	1,310,473.00	


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

Place: 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 01.04.2018		Transactions During the year		Closing Balance as On 31.03.19	
		3	4	5	6	7	8
		CR.	DR.	CR.	DR.	CR.	DR.
1	University Grants Com- mission	-	-	-	-	-	-
2	Ministry	-	-	-	-	-	-
3	Grant Received CISR	-	-	-	-	-	-
4	Grant Received (Mumbai)	-	-	-	-	-	-
	Total	0.00	0.00	0.00	0.00	0.00	0.00

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt.Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Unutilised Grants From UGC, Government of India And State Governments

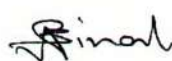
Schedule 3(C.)

Amount in Rs.

Particulars	Current Year	Previous Year
A. Plan grants:		
Balance B/F	400,770,820.00	752,255,094.00
Add: Receipts during the year		
:Received during the year	617,000,000.00	336,500,000.00
:Accrued but Not received	-	3,500,000.00
:Seed Money transferred back to Unutilized Grant	2,000,000.00	-
:Transferred from Corpus Fund	220,000,000.00	-
Total(a)	1,239,770,820.00	1,092,255,094.00
Less Refunds		
Less: Utilized for Revenue Expenditure	218,289,776.00	182,575,498.00
Less: Utilized for Capital expenditure	639,978,222.00	507,908,776.00
Less: Transferred to projects	-	1,000,000.00
Total (b)	858,267,998.00	691,484,274.00
Unutilized carried forward (a-b)	381,502,822.00	400,770,820.00
B. UGC grants		
Balance B/F	-	-
Add: Receipts during the year	-	-
Total(c)	-	-
Less Refunds	-	-
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital expenditure	-	-
Total (d)	-	-
Unutilized carried forward (c-d)	-	-
C, UGC Grants Non Plan Balance B/F Receipts during the year		
Balance B/F	-	-
Add: Receipts during the year	-	-
Total(e)	-	-
Less Refunds	-	-
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital expenditure	-	-
Total (f)	-	-
Unutilized carried forward (e-f)	-	-
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)	381,502,822.00	400,770,820.00




Accountant
NIT Delhi



Faculty (I) A/c
NIT Delhi



Asstt.Registrar
NIT Delhi



Registrar
NIT Delhi



Director
NIT Delhi



Date: 12.09.2019

Place: Delhi

NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Fixed Assets

Schedule 4

Amount in Rs.

S.No.	Assets	Gross Block				Depreciation Block					Net Block	
		Cost as on 01.04.2018	Addition	Deductions	Total	Dep. Upto 31.03.2018	Add. During the Year	Deductions/ Adjustments	Rate of Dep	Total Depreciation	Balance as on 31.03.2019	Balance as on 31.03.2018
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Tangible Assets (A)											
a	Equipments											
1	Lab Equipments	36,164,219.00	369,964.00	-	36,534,183.00	6,652,783.00	2,922,735.00	-	8.00%	9,575,518.00	26,958,665.00	29,511,436.00
2	Lab Equipments for Dept of ECE	9,982,481.00	-	-	9,982,481.00	1,429,510.00	798,598.00	-	8.00%	2,228,108.00	7,754,373.00	8,552,971.00
3	Lab Equipments for Dept of EEE	6,047,085.00	1,150,808.00	-	7,197,893.00	876,232.00	575,831.00	-	8.00%	1,452,063.00	5,745,830.00	5,170,853.00
4	Equipments	4,591,812.00	-	-	4,591,812.00	1,006,392.00	367,345.00	-	8.00%	1,373,737.00	3,218,075.00	3,585,420.00
5	Lab Equipments for Dept of AS		1,011,428.00	-	1,011,428.00	-	80,914.00	-	8.00%	80,914.00	930,514.00	-
b	Office & Office Equipments											
1	Air Conditions	6,225,472.00	96,378.00	-	6,321,850.00	1,673,708.00	474,139.00	-	7.50%	2,147,847.00	4,174,003.00	4,551,764.00
2	Biometric Machine	76,781.00	-	-	76,781.00	23,036.00	5,759.00	-	7.50%	28,795.00	47,986.00	53,745.00
3	Blade Server	2,961,185.00	-	-	2,961,185.00	1,110,445.00	222,089.00	-	7.50%	1,332,534.00	1,628,651.00	1,850,740.00
4	CCTV Camara	1,016,066.00	-	-	1,016,066.00	208,958.00	76,205.00	-	7.50%	285,163.00	730,903.00	807,108.00
5	Camara	74,853.00	-	-	74,853.00	16,842.00	5,614.00	-	7.50%	22,456.00	52,397.00	58,011.00
6	Coffee Machine	98,438.00	-	-	98,438.00	29,532.00	7,383.00	-	7.50%	36,915.00	61,523.00	68,906.00
7	Digital Copier Machine	2,380,572.00	-	-	2,380,572.00	604,567.00	178,543.00	-	7.50%	783,110.00	1,597,462.00	1,776,005.00
8	Fogging Machine	31,500.00	-	-	31,500.00	11,815.00	2,363.00	-	7.50%	14,178.00	17,322.00	19,685.00
9	Franking Machine	95,000.00	-	-	95,000.00	14,250.00	7,125.00	-	7.50%	21,375.00	73,625.00	80,750.00
10	Gyser	755,280.00	12,447.00	-	767,727.00	165,833.00	57,580.00	-	7.50%	223,413.00	544,314.00	589,447.00
11	Grass Cutting Machine	54,450.00	-	-	54,450.00	11,239.00	4,084.00	-	7.50%	15,323.00	39,127.00	43,211.00
12	Kitchen Appliance	2,057,986.00	-	-	2,057,986.00	755,210.00	154,349.00	-	7.50%	909,559.00	1,148,427.00	1,302,776.00
13	Lawn Remover	14,175.00	-	-	14,175.00	2,836.00	709.00	-	5.00%	3,545.00	10,630.00	11,339.00
14	Library Books	7,540,368.00	186,314.00	-	7,726,682.00	3,087,401.00	772,668.00	-	10.00%	3,860,069.00	3,866,613.00	4,452,967.00
15	Library Equipments	2,816,778.00	-	-	2,816,778.00	901,368.00	225,342.00	-	8.00%	1,126,710.00	1,690,068.00	1,915,410.00
16	Media Player	269,250.00	-	-	269,250.00	74,888.00	20,194.00	-	7.50%	95,082.00	174,168.00	194,362.00
17	Microwaves	21,131.00	-	-	21,131.00	3,840.00	1,057.00	-	5.00%	4,897.00	16,234.00	17,291.00
18	Mobile Phone & Telephone Set	581,699.00	-	-	581,699.00	66,364.00	43,627.00	-	7.50%	109,991.00	471,708.00	515,335.00
19	Motorised Screen	88,000.00	-	-	88,000.00	33,000.00	6,600.00	-	7.50%	39,600.00	48,400.00	55,000.00
20	Musical Instruments	100,000.00	-	-	100,000.00	20,000.00	5,000.00	-	5.00%	25,000.00	75,000.00	80,000.00
21	Office Equipments	2,994,509.00	20,152.00	-	3,014,661.00	993,162.00	226,100.00	-	7.50%	1,219,262.00	1,795,399.00	2,001,347.00
22	Refrigerator	124,500.00	-	-	124,500.00	37,592.00	9,338.00	-	7.50%	46,930.00	77,570.00	86,908.00
23	RO System	260,310.00	-	-	260,310.00	75,515.00	19,523.00	-	7.50%	95,038.00	165,272.00	184,795.00
24	Room Heaters	190,101.00	-	-	190,101.00	42,796.00	14,258.00	-	7.50%	57,054.00	133,047.00	147,305.00
25	Shredder Machine	332,209.00	-	-	332,209.00	81,793.00	24,916.00	-	7.50%	106,709.00	225,500.00	250,416.00
26	Television & LED	1,291,256.00	-	-	1,291,256.00	375,227.00	96,844.00	-	7.50%	472,071.00	819,185.00	916,029.00
27	Telephone Sets	2,099,654.00	-	-	2,099,654.00	314,948.00	157,474.00	-	7.50%	472,422.00	1,627,232.00	1,784,706.00
28	Water Cooler	662,994.00	-	-	662,994.00	261,123.00	49,725.00	-	7.50%	310,848.00	352,146.00	401,871.00
29	Web Camera	19,265.00	-	-	19,265.00	7,386.00	1,445.00	-	7.50%	8,831.00	10,434.00	11,879.00
30	Sports Equipments	1,001,553.00	23,412.00	-	1,024,965.00	154,846.00	76,872.00	-	7.50%	231,718.00	793,247.00	846,707.00
31	Inverter	640,484.00	-	-	640,484.00	125,548.00	48,036.00	-	7.50%	173,584.00	466,900.00	514,936.00
32	Air Purifier	112,004.00	-	-	112,004.00	8,400.00	8,400.00	-	7.50%	16,800.00	95,204.00	103,604.00
33	Flood Light LED		28,600.00	-	28,600.00		2,145.00	-	7.50%	2,145.00	26,455.00	-
c	Furniture, Fixture & Fittings											
1	Cooler	38,100.00	-	-	38,100.00	8,574.00	2,858.00	-	7.50%	11,432.00	26,668.00	29,526.00
2	Electric Installation	895,311.00	-	-	895,311.00	203,795.00	67,148.00	-	7.50%	270,943.00	624,368.00	691,516.00





3	Exhaust Fan	98,852.00	-	-	98,852.00	33,829.00	7,414.00	-	7.50%	41,243.00	57,609.00	65,023.00
4	Fire Extinguisher	179,190.00	-	-	179,190.00	24,374.00	13,439.00	-	7.50%	37,813.00	141,377.00	154,816.00
5	Furniture, Fixture & Fittings	35,030,310.00	52,925.00	-	35,083,235.00	10,197,507.00	2,631,243.00	-	7.50%	12,828,750.00	22,254,485.00	24,832,803.00
6	LED Light	660,132.00	-	-	660,132.00	120,833.00	49,510.00	-	7.50%	170,343.00	489,789.00	539,299.00
7	Porta Cabins	3,472,031.00	24,000.00	-	3,496,031.00	505,859.00	262,202.00	-	7.50%	768,061.00	2,727,970.00	2,966,172.00
8	Sign Board	439,351.00	114,620.00	-	553,971.00	79,528.00	41,548.00	-	7.50%	121,076.00	432,895.00	359,823.00
9	Tanker	131,682.00	-	-	131,682.00	19,752.00	9,876.00	-	7.50%	29,628.00	102,054.00	111,930.00
d	Computer Peripherals			-								
1	Computer	24,784,263.00	2,644,200.00	-	27,428,463.00	16,866,817.00	5,485,693.00	-	20.00%	22,352,510.00	5,075,953.00	7,917,446.00
2	Printers	1,747,372.00	4,796.00	-	1,752,168.00	1,292,339.00	350,434.00	-	20.00%	1,642,773.00	109,395.00	455,033.00
3	Projectors	1,361,501.00	-	-	1,361,501.00	1,361,501.00	-	-	20.00%	1,361,501.00	-	-
4	Network Equipments	13,036,126.00	-	-	13,036,126.00	8,684,500.00	2,607,225.00	-	20.00%	11,291,725.00	1,744,401.00	4,351,626.00
5	UPS Battery	643,528.00	-	-	643,528.00	474,435.00	128,706.00	-	20.00%	603,141.00	40,387.00	169,093.00
6	Server	8,214,695.00	-	-	8,214,695.00	3,285,878.00	1,642,939.00	-	20.00%	4,928,817.00	3,285,878.00	4,928,817.00
	Total (A)	184,505,864.00	5,740,044.00	-	190,245,908.00	64,417,906.00	21,051,164.00	-		85,469,070.00	104,776,838.00	120,087,958.00
B	Capital Works In Proress(B)	513,198,728.00	633,384,244.00	-	1,146,582,972.00	-	-	-	-	-	1,146,582,972.00	513,198,728.00
C	Intangible Assets (C)											
1	Software	41,741,626.00	853,934.00	-	42,595,560.00	37,247,325.40	4,835,874.20	40.00%	42,083,199.60	512,360.40	4,494,300.60	
2	E-Journals	19,962,880.00	-	-	19,962,880.00	19,962,880.00	-	40.00%	19,962,880.00	-	-	
3	E-Office	2,022,128.00	-	-	2,022,128.00	1,617,702.00	404,426.00	40.00%	2,022,128.00	-	404,426.00	
4	Patents	-	-	-	-	-	-	-	-	-	-	
5	License Fee Agreement	28,500.00	-	-	28,500.00	17,100.00	5,700.00	20.00%	22,800.00	5,700.00	11,400.00	
6	Web Media Player	103,950.00	-	-	103,950.00	41,580.00	20,790.00	20.00%	62,370.00	41,580.00	62,370.00	
	Total (C)	63,859,084.00	853,934.00	-	64,713,018.00	58,886,587.40	5,266,790.20			64,153,377.60	559,640.40	4,972,496.60
	Grand Total (A+B+C)	761,563,676.00	39,978,222.00	-	1,401,541,898.00	23,304,493.40	126,317,954.20	-	-	149,622,447.60	1,251,919,450.40	638,259,182.60

James P.

Accountant
NIT Delhi

Rinoh

Faculty (I) A/c
NIT Delhi

Harishankar

Asstt.Registrar
NIT Delhi

H.P.

Registrar
NIT Delhi

Bruno

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Fixed Assets

Schedule 4A

Amount in Rs.

S.No.		Assets	Gross Block				Depreciation Block				Net Block		
			Cost as on 01.04.2018	Addition	Deductions	Total	Dep. Upto 31.03.2018	Add. During the Year	Deductions/ Adjustments	Rate of Dep	Total Depreciation	Balance as on 31.03.2019	Balance as on 31.03.2018
1	2		3	4	5	6	7	8	9	10	11	12	13
A	Tangible Assets (A)												
a	Equipments												
1	Lab Equipments	36,164,219.00	369,964.00	-	36,534,183.00	6,652,783.00	2,922,735.00	-	8.00%	9,575,518.00	26,958,665.00	29,511,436.00	
2	Lab Equipments for Dept of ECE	9,982,481.00	-	-	9,982,481.00	1,429,510.00	798,598.00	-	8.00%	2,228,108.00	7,754,373.00	8,552,971.00	
3	Lab Equipments for Dept of EEE	6,047,085.00	1,150,808.00	-	7,197,893.00	876,232.00	575,831.00	-	8.00%	1,452,063.00	5,745,830.00	5,170,853.00	
4	Equipments	4,591,812.00	-	-	4,591,812.00	1,006,392.00	367,345.00	-	8.00%	1,373,737.00	3,218,075.00	3,585,420.00	
5	Lab Equipments for Dept of AS		1,011,428.00	-	1,011,428.00		80,914.00	-	8.00%	80,914.00	930,514.00	-	
b	Office & Office Equipments												
1	Air Conditions	6,225,472.00	96,378.00	-	6,321,850.00	1,673,708.00	474,139.00	-	7.50%	2,147,847.00	4,174,003.00	4,551,764.00	
2	Biometric Machine	76,781.00	-	-	76,781.00	23,036.00	5,759.00	-	7.50%	28,795.00	47,986.00	53,745.00	
3	Blade Server	2,961,185.00	-	-	2,961,185.00	1,110,445.00	222,089.00	-	7.50%	1,332,534.00	1,628,651.00	1,850,740.00	
4	CCTV Camara	1,016,066.00	-	-	1,016,066.00	208,958.00	76,205.00	-	7.50%	285,163.00	730,903.00	807,108.00	
5	Camara	74,853.00	-	-	74,853.00	16,842.00	5,614.00	-	7.50%	22,456.00	52,397.00	58,011.00	
6	Coffee Machine	98,438.00	-	-	98,438.00	29,532.00	7,383.00	-	7.50%	36,915.00	61,523.00	68,906.00	
7	Digital Copier Machine	2,380,572.00	-	-	2,380,572.00	604,567.00	178,543.00	-	7.50%	783,110.00	1,597,462.00	1,776,005.00	
8	Fogging Machine	31,500.00	-	-	31,500.00	11,815.00	2,363.00	-	7.50%	14,178.00	17,322.00	19,685.00	
9	Franking Machine	95,000.00	-	-	95,000.00	14,250.00	7,125.00	-	7.50%	21,375.00	73,625.00	80,750.00	
10	Gyser	755,280.00	12,447.00	-	767,727.00	165,833.00	57,580.00	-	7.50%	223,413.00	544,314.00	589,447.00	
11	Grass Cutting Machine	54,450.00	-	-	54,450.00	11,239.00	4,084.00	-	7.50%	15,323.00	39,127.00	43,211.00	
12	Kitchen Appliance	2,057,986.00	-	-	2,057,986.00	755,210.00	154,349.00	-	7.50%	909,559.00	1,148,427.00	1,302,776.00	
13	Lawn Remover	14,175.00	-	-	14,175.00	2,836.00	709.00	-	5.00%	3,545.00	10,630.00	11,339.00	
14	Library Books	7,540,368.00	186,314.00	-	7,726,682.00	3,087,401.00	772,668.00	-	10.00%	3,860,069.00	3,866,613.00	4,452,967.00	
15	Library Equipments	2,816,778.00	-	-	2,816,778.00	901,368.00	225,342.00	-	8.00%	1,126,710.00	1,690,068.00	1,915,410.00	
16	Media Player	269,250.00	-	-	269,250.00	74,888.00	20,194.00	-	7.50%	95,082.00	174,168.00	194,362.00	
17	Microwaves	21,131.00	-	-	21,131.00	3,840.00	1,057.00	-	5.00%	4,897.00	16,234.00	17,291.00	
18	Mobile Phone & Telephone Set	581,699.00	-	-	581,699.00	66,364.00	43,627.00	-	7.50%	109,991.00	471,708.00	515,335.00	
19	Motorised Screen	88,000.00	-	-	88,000.00	33,000.00	6,600.00	-	7.50%	39,600.00	48,400.00	55,000.00	
20	Musical Instruments	100,000.00	-	-	100,000.00	20,000.00	5,000.00	-	5.00%	25,000.00	75,000.00	80,000.00	
21	Office Equipments	2,994,509.00	20,152.00	-	3,014,661.00	993,162.00	226,100.00	-	7.50%	1,219,262.00	1,795,399.00	2,001,347.00	
22	Refrigerator	124,500.00	-	-	124,500.00	37,592.00	9,338.00	-	7.50%	46,930.00	77,570.00	86,908.00	
23	RO System	260,310.00	-	-	260,310.00	75,515.00	19,523.00	-	7.50%	95,038.00	165,272.00	184,795.00	
24	Room Heaters	190,101.00	-	-	190,101.00	42,796.00	14,258.00	-	7.50%	57,054.00	133,047.00	147,305.00	
25	Shredder Machine	332,209.00	-	-	332,209.00	81,793.00	24,916.00	-	7.50%	106,709.00	225,500.00	250,416.00	
26	Television & LED	1,291,256.00	-	-	1,291,256.00	375,227.00	96,844.00	-	7.50%	472,071.00	819,185.00	916,029.00	
27	Telephone Sets	2,099,654.00	-	-	2,099,654.00	314,948.00	157,474.00	-	7.50%	472,422.00	1,627,232.00	1,784,706.00	
28	Water Cooler	662,994.00	-	-	662,994.00	261,123.00	49,725.00	-	7.50%	310,848.00	352,146.00	401,871.00	
29	Web Camera	19,265.00	-	-	19,265.00	7,386.00	1,445.00	-	7.50%	8,831.00	10,434.00	11,879.00	
30	Sports Equipments	1,001,553.00	23,412.00	-	1,024,965.00	154,846.00	76,872.00	-	7.50%	231,718.00	793,247.00	846,707.00	
31	Inverter	640,484.00	-	-	640,484.00	125,548.00	48,036.00	-	7.50%	173,584.00	466,900.00	514,936.00	
32	Air Purifier	112,004.00	-	-	112,004.00	8,400.00	8,400.00	-	7.50%	16,800.00	95,204.00	103,604.00	
33	Flood Light LED		28,600.00	-	28,600.00		2,145.00	-	7.50%	2,145.00	26,455.00	-	
c	Furniture,Fixture & Fittings												
1	Cooler	38,100.00	-	-	38,100.00	8,574.00	2,858.00	-	7.50%	11,432.00	26,668.00	29,526.00	
2	Electric Installation	895,311.00	-	-	895,311.00	203,795.00	67,148.00	-	7.50%	270,943.00	624,368.00	691,516.00	
3	Exhaust Fan	98,852.00	-	-	98,852.00	33,829.00	7,414.00	-	7.50%	41,243.00	57,609.00	65,023.00	
4	Fire Extinguisher	179,190.00	-	-	179,190.00	24,374.00	13,439.00	-	7.50%	37,813.00	141,377.00	154,816.00	
5	Furniture,Fixture & Fittings	35,030,310.00	52,925.00	-	35,083,235.00	10,197,507.00	2,631,243.00	-	7.50%	12,828,750.00	22,254,485.00	24,832,803.00	
6	LED Light	660,132.00	-	-	660,132.00	120,833.00	49,510.00	-	7.50%	170,343.00	489,789.00	539,299.00	
7	Porta Cabins	3,472,031.00	24,000.00	-	3,496,031.00	505,859.00	262,202.00	-	7.50%	768,061.00	2,727,970.00	2,966,172.00	



8	Sign Board	439,351.00	114,620.00	-	553,971.00	79,528.00	41,548.00	-	7.50%	121,076.00	432,895.00	359,823.00
9	Tanker	131,682.00	-	-	131,682.00	19,752.00	9,876.00	-	7.50%	29,628.00	102,054.00	111,930.00
d	Computer Peripherals											
1	Computer	24,784,263.00	2,644,200.00	-	27,428,463.00	16,866,817.00	5,485,693.00	-	20.00%	22,352,510.00	5,075,953.00	7,917,446.00
2	Printers	1,747,372.00	4,796.00	-	1,752,168.00	1,292,339.00	350,434.00	-	20.00%	1,642,773.00	109,395.00	455,033.00
3	Projectors	1,361,501.00	-	-	1,361,501.00	1,361,501.00	-	-	20.00%	1,361,501.00	-	-
4	Network Equipments	13,036,126.00	-	-	13,036,126.00	8,684,500.00	2,607,225.00	-	20.00%	11,291,725.00	1,744,401.00	4,351,626.00
5	UPS Battery	643,528.00	-	-	643,528.00	474,435.00	128,706.00	-	20.00%	603,141.00	40,387.00	169,093.00
6	Server	8,214,695.00	-	-	8,214,695.00	3,285,878.00	1,642,939.00	-	20.00%	4,928,817.00	3,285,878.00	4,928,817.00
	Total (A)	184,505,864.00	5,740,044.00	-	190,245,908.00	64,417,906.00	21,051,164.00	-		85,469,070.00	104,776,838.00	120,087,958.00
B	Capital Works In Proress (B)	513,198,728.00	633,384,244.00	-	1,146,582,972.00	-	-	-		-	1,146,582,972.00	513,198,728.00
C	Intangible Assets (C)	-	-	-	-	-	-	-		-	-	-
1	Software	41,741,626.00	853,934.00	-	42,595,560.00	37,247,325.40	4,835,874.20	40.00%		42,083,199.60	512,360.40	4,494,300.60
2	E-Journals	19,962,880.00	-	-	19,962,880.00	19,962,880.00	-	40.00%		19,962,880.00	-	-
3	E-Office	2,022,128.00	-	-	2,022,128.00	1,617,702.00	404,426.00	40.00%		2,022,128.00	-	404,426.00
4	Patents	-	-	-	-	-	-	-		-	-	-
5	License Fee Agreement	28,500.00	-	-	28,500.00	17,100.00	5,700.00	20.00%		22,800.00	5,700.00	11,400.00
6	Web Media Player	103,950.00	-	-	103,950.00	41,580.00	20,790.00	20.00%		62,370.00	41,580.00	62,370.00
	Total (C)	63,859,084.00	853,934.00	-	64,713,018.00	58,886,587.40	5,266,790.20			64,153,377.60	559,640.40	4,972,496.60
	Grand Total (A+B+C)	761,563,676.00	639,978,222.00	-	1,401,541,898.00	123,304,493.40	26,317,954.20	-		149,622,447.60	1,251,919,450.40	638,259,182.60

Accountant

Accountant
NIT Delhi

Faculty (I) A/c

Faculty (I) A/c
NIT Delhi

Asstt.Registrar

Asstt.Registrar
NIT Delhi

Registrar

Registrar
NIT Delhi

Director

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Non Plan (Fixed Assets)

Schedule 4B

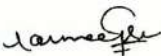
Amount in Rs.

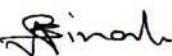
S.No.	Assets	Gross Block				Depreciation Block					Net Block	
		Cost as on 01.04.2018	Addition	Deductions	Total	Dep. Upto 31.03.2018	Add. During the Year	Deductions/ Adjustments	Rate of Dep	Total Depreciation	Balance as on 31.03.2019	Balance as on 31.03.2018
1	2	3	4	5	6	9	10	12	11	13	14	
A	Tangible Assets (A)	-	-	-	-	-	-	-	-	-	-	-
a	Equipments	-	-	-	-	-	-	-	-	-	-	-
1	Lab Equipments	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
b	Office & Office Equipments	-	-	-	-	-	-	-	-	-	-	-
1	Air Conditions	-	-	-	-	-	-	-	-	-	-	-
2	Biometric Machine	-	-	-	-	-	-	-	-	-	-	-
3	Blade Server	-	-	-	-	-	-	-	-	-	-	-
4	CCTV Camara	-	-	-	-	-	-	-	-	-	-	-
5	Coffee Machine	-	-	-	-	-	-	-	-	-	-	-
6	Digital Copier Machine	-	-	-	-	-	-	-	-	-	-	-
7	Forging Machine	-	-	-	-	-	-	-	-	-	-	-
8	Gyser	-	-	-	-	-	-	-	-	-	-	-
9	Kitchen Appliance	-	-	-	-	-	-	-	-	-	-	-
10	Lawn Remover	-	-	-	-	-	-	-	-	-	-	-
11	Library Books	-	-	-	-	-	-	-	-	-	-	-
12	Library Equipments	-	-	-	-	-	-	-	-	-	-	-
13	Media Player	-	-	-	-	-	-	-	-	-	-	-
14	Microwaves	-	-	-	-	-	-	-	-	-	-	-
15	Mobile Phone & Telephone Set	-	-	-	-	-	-	-	-	-	-	-
16	Motorised Screen	-	-	-	-	-	-	-	-	-	-	-
17	Musical Instruments	-	-	-	-	-	-	-	-	-	-	-
18	Office Equipments	-	-	-	-	-	-	-	-	-	-	-
19	Refrigerator	-	-	-	-	-	-	-	-	-	-	-
20	RO System	-	-	-	-	-	-	-	-	-	-	-
21	Room Heaters	-	-	-	-	-	-	-	-	-	-	-
22	Shredder Machine	-	-	-	-	-	-	-	-	-	-	-
23	Television & LED	-	-	-	-	-	-	-	-	-	-	-
24	Water Cooler	-	-	-	-	-	-	-	-	-	-	-
25	Web Camra	-	-	-	-	-	-	-	-	-	-	-





c	Furniture, Fixture & Fittings	-	-	-	-	-	-	-	-	-	-	-
1	Exhaust Fan	-	-	-	-	-	-	-	-	-	-	-
2	Electric Installation	-	-	-	-	-	-	-	-	-	-	-
3	Furniture, Fixture & Fittings	-	-	-	-	-	-	-	-	-	-	-
4	Sign Board	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
d	Computer Peripherals	-	-	-	-	-	-	-	-	-	-	-
1	Computer	-	-	-	-	-	-	-	-	-	-	-
2	Printers	-	-	-	-	-	-	-	-	-	-	-
3	Projectors	-	-	-	-	-	-	-	-	-	-	-
4	Network Equipments	-	-	-	-	-	-	-	-	-	-	-
5	Software	-	-	-	-	-	-	-	-	-	-	-
6	UPS Battery	-	-	-	-	-	-	-	-	-	-	-
	Total (A)	-	-	-	-	-	-	-	-	-	-	-
B	Capital Works In Proress(B)	-	-	-	-	-	-	-	-	-	-	-
C	Intangible Assets (C)	-	-	-	-	-	-	-	-	-	-	-
1	Computer Software	-	-	-	-	-	-	-	-	-	-	-
2	E-Journals	-	-	-	-	-	-	-	-	-	-	-
3	Patents	-	-	-	-	-	-	-	-	-	-	-
	Toptal (C)	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
	Grand Total (A+B+C)	-	-	-	-	-	-	-	-	-	-	-


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt.Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi


Date: 12.09.2019
Place: Delhi




NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Intangible Assets

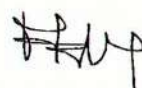
Schedule 4C

S. No.	Asset Heads	Gross Block				Depreciation Block				Amount in Rs.	
		Op. Balance	Additions	Deductions	Cl. Balance	Depreciation/Amortizations Opening Balance	Depreciation/Amortization for the year	Deductions/Adjustment	Total Depreciation/Amortization	31.03.2019	31.03.2018
1	Software	41,741,626.00	853,934.00	-	42,595,560.00	37,247,325.40	4,835,874.20	-	42,083,199.60	512,360.40	4,494,300.60
2	E-Journals	19,962,880.00	-	-	19,962,880.00	19,962,880.00	-	-	19,962,880.00	-	-
3	E-Office	2,022,128.00	-	-	2,022,128.00	1,617,702.00	404,426.00	-	2,022,128.00	-	404,426.00
4	Patents	-	-	-	-	-	-	-	-	-	-
5	License Fee Agreement	28,500.00	-	-	28,500.00	17,100.00	5,700.00	-	22,800.00	5,700.00	11,400.00
6	Web Media Player	103,950.00	-	-	103,950.00	41,580.00	20,790.00	-	62,370.00	41,580.00	62,370.00
	Total	63,859,084.00	853,934.00	-	64,713,018.00	58,886,587.40	5,266,790.20	-	64,153,377.60	559,640.40	4,972,496.60


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt.Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019
Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Patents and Copyrights

Schedule 4 (C.)(i)

Amount in Rs.

Particulars	Op. Balance	Addition	Gross	Amortization	Net Block 2018-19	Net Block 2017-18
A. Patents Granted	-	-	-	-	-	-
Patents Granted during the Current year	-	-	-	-	-	-
Total	-	-	-	-	-	-
Particulars	Op. Balance	Addition	Gross	Patents Granted/ Rejected	Net Block 2018-19	Net Block 2017-18
B. Pents Pending in respect of Patents applied for	-	-	-	-	-	-
	-	-	-	-	-	-
Total	-	-	-	-	-	-
C. Grand Total (A+B)	-	-	-	-	-	-

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt. Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi


Date: 12.09.2019


Place: Delhi



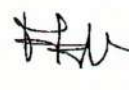


NATIONAL INSTITUTE OF TECHNOLOGY DELHI Other (Fixed Assets)												
Schedule 4D Amount in Rs.												
S. No.	Assets Heads	Gross Block				Depreciation Block					Net Block	
		Cost as on 01.04.2018	Addition	Deductions	Total	Dep. Upto 31.03.2018	Add. During the Year	Deductions/ Adjustments	Rate of Dep.	Total Depreciation	Balance as on 31.03.2019	Balance as on 31.03.2018
1	2	3	4	5	6	7	8	9	10	11	12	13
A	Tangible Assets (A)	-	-	-	-	-	-	-	-	-	-	-
a	Equipments	-	-	-	-	-	-	-	-	-	-	-
1	Lab Equipments	-	-	-	-	-	-	-	-	-	-	-
b	Office & Office Equipments	-	-	-	-	-	-	-	-	-	-	-
1	Air Conditions	-	-	-	-	-	-	-	-	-	-	-
2	Biometric Machine	-	-	-	-	-	-	-	-	-	-	-
3	Blade Server	-	-	-	-	-	-	-	-	-	-	-
4	CCTV Camara	-	-	-	-	-	-	-	-	-	-	-
5	Coffee Machine	-	-	-	-	-	-	-	-	-	-	-
6	Digital Copier Machine	-	-	-	-	-	-	-	-	-	-	-
7	Forging Machine	-	-	-	-	-	-	-	-	-	-	-
8	Gyser	-	-	-	-	-	-	-	-	-	-	-
9	Kitchen Appliance	-	-	-	-	-	-	-	-	-	-	-
10	Lawn Remover	-	-	-	-	-	-	-	-	-	-	-
11	Library Books	-	-	-	-	-	-	-	-	-	-	-
12	Library Equipments	-	-	-	-	-	-	-	-	-	-	-
13	Media Player	-	-	-	-	-	-	-	-	-	-	-
14	Microwaves	-	-	-	-	-	-	-	-	-	-	-
15	Mobile Phone & Telephone Set	-	-	-	-	-	-	-	-	-	-	-
16	Motorised Screen	-	-	-	-	-	-	-	-	-	-	-
17	Musical Instruments	-	-	-	-	-	-	-	-	-	-	-
18	Office Equipments	-	-	-	-	-	-	-	-	-	-	-
19	Refrigerator	-	-	-	-	-	-	-	-	-	-	-
20	RO System	-	-	-	-	-	-	-	-	-	-	-
21	Room Heaters	-	-	-	-	-	-	-	-	-	-	-
22	Shredder Machine	-	-	-	-	-	-	-	-	-	-	-
23	Television & LED	-	-	-	-	-	-	-	-	-	-	-
24	Water Cooler	-	-	-	-	-	-	-	-	-	-	-
25	Web Camra	-	-	-	-	-	-	-	-	-	-	-
c	Furniture, Fixture & Fittings	-	-	-	-	-	-	-	-	-	-	-
1	Exhaust Fan	-	-	-	-	-	-	-	-	-	-	-
2	Electric Installation	-	-	-	-	-	-	-	-	-	-	-
3	Furniture, Fixture & Fittings	-	-	-	-	-	-	-	-	-	-	-
4	Sign Board	-	-	-	-	-	-	-	-	-	-	-
d	Computer Peripherals	-	-	-	-	-	-	-	-	-	-	-
1	Computer	-	-	-	-	-	-	-	-	-	-	-
2	Printers	-	-	-	-	-	-	-	-	-	-	-
3	Projectors	-	-	-	-	-	-	-	-	-	-	-
4	Network Equipments	-	-	-	-	-	-	-	-	-	-	-
5	Software	-	-	-	-	-	-	-	-	-	-	-
6	UPS Battery	-	-	-	-	-	-	-	-	-	-	-
	Total (A)	-	-	-	-	-	-	-	-	-	-	-
B	Capital Works In Proress(B)	-	-	-	-	-	-	-	-	-	-	-
C	Intangible Assets (C)	-	-	-	-	-	-	-	-	-	-	-
1	Computer Software	-	-	-	-	-	-	-	-	-	-	-
2	E-Journals	-	-	-	-	-	-	-	-	-	-	-
3	Patents	-	-	-	-	-	-	-	-	-	-	-
4	Total (C)	-	-	-	-	-	-	-	-	-	-	-
	Grand Total (A+B+C)	-	-	-	-	-	-	-	-	-	-	-


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Investments From Earmarked/Endowment Funds

Schedule 5

Amount in Rs.

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

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt. Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Investments From Earmarked/Endowment Funds (Fund Wise)

Schedule 5A

Amount in Rs.

S. No.	Funds	Current Year	Previous Year
1	Endowment Fund Investments	Nil	
	Total	Nil	

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt.Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Investment Others

Schedule 6 Amount in Rs.

S.No.	Particulars	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	-	-

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt.Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi

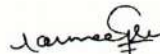



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Current Assets

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	553,323.30	620,354.00	
h)	Water supply material	-	-	-
i)	Stock-in-trade	-	-	-
j)	Building Material (Others)	-	553,323.30	620,354.00
2	Sundry Debtors:			
a)	Debts Outstanding for a period exceeding six months	1,398.00	-	-
b)	Others	-	1,398.00	-
3	Cash balances in hand			
a)	Imprest given to staff	Annexure 'E'	538,830.00	545,657.00
b)	Cash in hand		19,838.00	117,349.00
c)	Franking Machine Balance		2,280.00	560,948.00
				6,336.00
				669,342.00
4	4. Bank Balances:			
a)	With Scheduled Banks:			
i)	Canara Bank Acc. No. 7559	2,048,881.00	2,628,214.00	
ii)	Canara Bank Acc. No. 8009	4,773,582.90	2,984,425.00	
iii)	Canara Bank Acc. No. 8010	1,106,426.75	432,246.75	
iv)	Canara Bank Acc. No. 4075	178,653,278.24	259,375,420.43	
v)	Canara Bank Dir. NIT Delhi 4080	90,925.00	87,812.00	
vi)	Canara Bank Dir. NIT Delhi DASA 4078	1,402,810.00	1,354,767.00	
vii)	Canara Bank Dir. NIT Fee 4077	104,371,362.06	241,711,886.48	
viii)	Canara Bank Acc. No. 8131	2,684.00	298,691.00	
ix)	Canara Bank Dir. NIT Hostel Fee 4076	73,341.00	70,830.00	
x)	Canara Bank Dir. NIT BRNS PROJECT	10,031.00		
xi)	Canara Bank Acc. No. 9851	86,982.00		
xii)	SBI Acc. No. 4566	2,764,999.10		
xiii)	Canara Bank Acc. No. 6538	80,920.00	295,466,223.05	127,093.00
				509,071,385.66
b)	Term Deposits			
i)	With Canara bank		187,917,913.23	66,932,043.37
	Total		484,499,805.58	577,293,125.03


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Statements showing Investment details as on 31.03.2019

Annexure to Schedule 7

S.No.	FD No:	Bank Name	Date of FDR Made	Opening Balance	Accrued Interest as on 01.04.2018	Date of Addition	Addition	Interest Earned on FDR's During the year 2018-19	TDS Deduction on Interest Earned on FDR	Interest Earned (Net of TDS) on FDR's During the year 2018-19	Matured		Date of Maturity	Maturity Amount	Intt. accrued as on 31st March 2019	FDRs Balance as on 31.03.2019
											Principal	Interest				
1	2983301000119	Canara	29.03.2019	6,146,352.00	54,390.88	-	-	345,480.00	24,754.00	320,726.00	-	-	23.06.2019	6,614,106.88	3,348.00	6,518,120.88
2	2983301000120	Canara	29.03.2019	4,917,084.00	43,512.51	-	-	276,384.00	19,803.00	256,581.00	-	-	23.06.2019	5,291,287.51	2,679.00	5,214,498.51
3	2983301000130	Canara	31.01.2019	9,814,416.00	88,733.03	-	-	640,639.00	52,361.00	588,278.00	-	-	01.05.2019	10,548,983.03	117,032.00	10,374,395.03
4	2983301000131	Canara	31.01.2019	9,814,416.00	88,733.03	-	-	640,639.00	52,361.00	588,278.00	-	-	01.05.2019	10,548,983.03	117,032.00	10,374,395.03
5	2983301000132	Canara	31.01.2019	9,814,416.00	88,733.03	-	-	640,639.00	52,361.00	588,278.00	-	-	01.05.2019	10,548,983.03	117,032.00	10,374,395.03
6	2983301000133	Canara	31.01.2019	9,814,416.00	88,733.03	-	-	640,639.00	52,361.00	588,278.00	-	-	01.05.2019	10,548,983.03	117,032.00	10,374,395.03
7	2983301000136	Canara	31.01.2019	9,814,416.00	88,733.03	-	-	640,639.00	52,361.00	588,278.00	-	-	01.05.2019	10,548,983.03	117,032.00	10,374,395.03
8	2983301000142	Canara	27.01.2019	6,146,912.00	59,279.69	-	-	368,393.00	29,635.00	338,758.00	-	-	27.04.2019	6,573,767.69	72,044.00	6,472,905.69
9	2876413000042	Canara	17.09.2018	649,615.00	48,859.74	-	-	50,613.01	2,264.00	48,349.01	-	-	17.06.2019	757,977.00	27,713.75	719,110.00
10	2983301000200	Canara	-	-	-	28.09.2018	30,000,000.00	1,031,200.00	68,029.00	963,171.00	-	-	31.05.2019	31,298,191.00	5,584.00	30,957,587.00
11	2983301000204	Canara	-	-	-	08.01.2019	6,100,000.00	80,603.00	-	80,603.00	-	-	16.05.2019	6,228,097.00	16,887.00	6,163,716.00
12	2983466000001	Canara	-	-	-	28.09.2018	120,000,000.00	1,549,720.00	154,972.00	1,394,748.00	120,000,000.00	1,549,720.00	10.01.2019	121,394,748.00	-	-
						10.01.2019	11,318,000.00	129,876.00	-	129,876.00	11,318,000.00	129,876.00	12.03.2019	11,447,876.00	-	-
						10.01.2019	80,000,000.00	1,192,332.00	-	1,192,332.00	-	909,152.00	13.05.2019	80,909,152.00	283,180.00	80,000,000.00
Total				66,932,043.00	649,707.97		247,418,000.00	8,227,796.01	561,262.00	7,666,534.01	131,318,000.00	2,588,748.00		323,260,118.23	996,595.75	187,917,913.23

[Signature]
Accountant
NIT Delhi

[Signature]
Faculty (I) A/c
NIT Delhi

[Signature]
Asstt.Registrar
NIT Delhi

[Signature]
Registrar
NIT Delhi

[Signature]
Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Loans, Advances and Deposits

Schedule 8

Amount in Rs.

S.No.	Particulars	Current Year		Previous Year	
1	Advances to Employee: (Non Interest Bearing)				
a)	Salary	-		-	
b)	Festival	1,800.00		1,800.00	
c)	Medical Advance			-	
d)	For Expenses (Annexure 'F') Annexure 'E'	485,436.20	487,236.20	451,363.60	453,163.60
2	Long Term Advances to Employee : (Interest Bearing)				
a)	Vehicle 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)	NICSI				
c)	Mobilization Advance to NBCC	172,846,517.00		177,773,391.00	
d)	Secured Advance Mini Campus	9,469,609.00		22,812,210.00	
e)	Delhi GOVT	40,320.00		40,320.00	
f)	Fee Receivable from CSAB			-	
g)	Fee Receivable from Students	419,588.26		4,500,960.80	
h)	Secured Advance Administration Block	1,038,145.00		2,321,403.00	
i)	NIT Transit House	902,468.00		1,742,883.00	
j)	CCMT 2018	736,557.00		4,870,719.00	
k)	Other Advances & Receivables	370,656.00	185,823,860.26	56,876.00	214,118,762.80
4	Prepaid Expenses				
a)	Computer Repair & Maintenance	48,099.00		-	
b)	Leave Salary & Pension Contribution	129,978.00		-	
c)	Ground Rent	230,000.00		-	
d)	Library Expenses	25,459.00	433,536.00	-	
5	Deposits				
a)	Telephone (MTNL)	10,000.00		10,000.00	
b)	Lease Rent(NILERD)	3,348,900.00		3,348,900.00	
c)	Lease Rent(YWCA)	600,000.00	3,958,900.00	600,000.00	3,958,900.00
6	Accrued Income :				
a)	On Investments from Earmarked/Endowment Funds			-	
b)	On Investments- Others			-	
c)	On Loan and Advance			-	
d)	On Term Deposits	1,228,228.75		649,708.20	
e)	On Saving Account	3,596.00	1,231,824.75	3,254,658.00	3,904,366.20
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			3,500,000.00	
d)	Other Receivable from UGC		-	-	3,500,000.00
8	Claims Receivable				
a)	TDS Receivable	761,131.00		109,064.00	-
b)	Others	-	761,131.00	-	109,064.00
	Total		192,696,488.21		226,044,256.60

James Singh

Accountant
NIT Delhi

Rinadh

Faculty (I) A/c
NIT Delhi

Harish Chugh

Asstt.Registrar
NIT Delhi

H. P.

Registrar
NIT Delhi

Director

Director
NIT Delhi

Date: 12.09.2019

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	71,502,109.72	58,752,708.22
b)	Admission Processing Fee	1,833,000.00	1,046,000.00
c)	Enrolments Fee	-	-
d)	Library Admission Fee	-	-
e)	Laboratory Fee	-	-
f)	Art and craft Fee	-	-
g)	Registration Fee	-	-
h)	Syllabus Fee	-	-
	Total (A)	73,335,109.72	59,798,708.22
2	Examinations		
a)	Admission Test Fee	-	-
b)	Annual Exam Fee	-	-
c)	Mark Sheet, Certificate Fee & Transcripts	118,510.00	18,700.00
d)	Entrance Examination Fee	-	-
e)	Credit Fee	-	-
f)	Make Up Exam Fee and Exam Mode Fee	414,400.00	457,200.00
	Total (B)	532,910.00	475,900.00
3	Other Fees		
a)	Identity Cards Fee	-	-
b)	Fine/Miscellaneous Fee	133,317.00	116,415.00
c)	Medical Fee	-	-
d)	Transport Fee	-	-
e)	Hostel Fee	-	-
	Total (C)	133,317.00	116,415.00
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	323,000.00	-
b)	Registration Fee(Academic Staff College)	-	-
	Total (E)	323,000.00	-
	Grand Total (A+B+C+D+E)	74,324,336.72	60,391,023.22



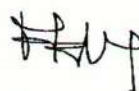
Accountant
NIT Delhi



Faculty (I) A/c
NIT Delhi



Asstt.Registrar
NIT Delhi



Registrar
NIT Delhi



Director
NIT Delhi

Date: 12.09.2019

Place: Delhi




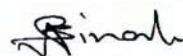
NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Grants / Subsidies (Irrevocable Grants Received)

Schedule 10


Amount in Rs.

Particulars	Plan			Total Plan	Non Plan UGC	Current Year Total	Previous Year Total
	Govt, of India	UGC					
		Plan	Specific Schemes				
Balance B/F	400,770,820.00	-	-	400,770,820.00	-	400,770,820.00	752,255,094.00
Add: Receipts during the year	617,000,000.00	-	-	617,000,000.00	-	617,000,000.00	340,000,000.00
Add: Seed Money transferred back to Unutilized Grant	2,000,000.00			2,000,000.00		2,000,000.00	
Add: Transferred from Corpus Fund	220,000,000.00			220,000,000.00		220,000,000.00	
Total	1,239,770,820.00	-	-	1,239,770,820.00	-	1,239,770,820.00	1,092,255,094.00
Less: Refund to UGC	-	-	-	-	-	-	-
Balance	1,239,770,820.00	-	-	1,239,770,820.00	-	1,239,770,820.00	1,092,255,094.00
Less: Utilised for Capital expenditure (A)	639,978,222.00	-	-	639,978,222.00	-	639,978,222.00	507,908,776.00
Balance	599,792,598.00	-	-	599,792,598.00	-	599,792,598.00	584,346,318.00
Less: utilized for Revenue Expenditure (B)	218,289,776.00	-	-	218,289,776.00	-	218,289,776.00	183,575,498.00
Balance C/F (C)	381,502,822.00	-	-	381,502,822.00	-	381,502,822.00	400,770,820.00


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Income from Investments

Schedule 11

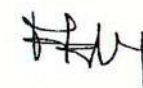
Amount in Rs.

S.No.	Particulars	Earmarked Fund/Endowments Funds		Other Investments	
		Currents year	Previous year	Currents year	Previous year
1	Interest				
a)	On Govt. Securities	-	-	-	-
b)	Other Bonds/Debentures	-	-	-	-
2	Interest on Term Deposits	-	-	9,568,143.26	11,316,624.86
3	Income Accrued but not due on term deposits /Interest Bearing Advance to Employee	-	-	996,595.75	603,184.20
4	Interest on Saving bank Accounts	-	-	-	-
5	Others (Specify)	-	-	-	-
	Total	-	-	10,564,739.01	11,919,809.06
	Transferred To Earmarked/Endowment Funds	-	-		
	Balance	NIL	NIL		


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt.Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Interest Earned

Schedule 12

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
1	On Savings Accounts:		
a)	With Scheduled Banks	12,800,212.65	17,277,666.95
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	12,800,212.65	17,277,666.95

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt.Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Other Income

Schedule 13


Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
A	Income from Land & Buildings		
1	Hostel Room Rent	9,805,500.00	8,273,750.00
2	License fee	-	29,417.00
3	Hire Charges of Auditorium/Play ground/Convention Centre, etc	-	-
4	Electricity charges recovered	-	140,439.00
5	Water charges recovered.	-	-
	Total A	9,805,500.00	8,443,606.00
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 carnival	-	-
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	140.00	70.00
3	Income from Royalty	-	-
4	Application Fees	170,750.00	930,935.00
5	Misc. receipts (Sale of tender form, waste paper, etc.)	39,629.00	-
6	Profit on Sale/disposal of Assets	-	-
a)	Owned assets	-	-
b)	Assets received free of cost	-	-
7	Grants/Donations from Institutions, Welfare Bodies and International Organizations	-	-
8	Others	-	-
a)	Computer and Internet Fee	1,834,400.00	1,062,800.00
b)	ID card Charges	37,100.00	42,200.00
c)	Income from Guest House	72,275.00	23,950.00
d)	Income from Bus	79,775.00	73,180.00
e)	Misc Income	80,050.00	75,539.00
f)	Library Fee and Magazine Fee	-	-
g)	House Rent Recovered from Staff	-	44,897.00
h)	Other Recovery from Staff	-	80,872.00
i)	Study Mode Fee	114,000.00	194,000.00
j)	Income From Photostate & Printing	-	44,836.00
k)	Sponsorship Received	-	-
l)	Processing Fee	208,000.00	171,250.00
	Total D	2,636,119.00	2,744,529.00
	Grand Total (A+B+C+D)	12,441,619.00	11,188,135.00


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt.Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Prior Period Income

Schedule 14

Amount in Rs.

S.No.	Particulars	Current Year	Previous Year
1	Academic Receipts	140,000.00	4,011,453.60
2	Income from Investments	-	-
3	Interest earned	-	-
4	Depreciation Written Back Retrospectively	-	-
5	Others	4,155.00	24,150.00
	Total	144,155.00	4,035,603.60

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt. Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Staff Payments & Benefits (Establishment Expenses)

Schedule 15

Amount in Rs.

S.No.	Particulars	Current Year			Previous Year		
		Plan	Non Plan	Total	Plan	Non Plan	Total
1	Salaries and Wages	65,243,384.00	-	65,243,384.00	45,942,841.00	-	45,942,841.00
2	Allowances and Bonus	-	-	-	160,540.00	-	160,540.00
3	Contribution to Provident Fund	-	-	-	-	-	-
4	Contribution to Other Fund (specify)	4,298,947.00	-	4,298,947.00	-	-	-
5	Staff Welfare Expenses	-	-	-	217,288.00	-	217,288.00
6	Retirement and Terminal Benefits	1,692,876.00	-	1,692,876.00	3,895,937.00	-	3,895,937.00
7	LTC facility	470,991.00	-	470,991.00	504,356.00	-	504,356.00
8	Medical facility	768,132.00	-	768,132.00	904,051.00	-	904,051.00
9	Children Education Allowance	504,000.00	-	504,000.00	153,690.00	-	153,690.00
10	Honorarium	-	-	-	-	-	-
11	CPDA	626,628.00	-	626,628.00	800,485.00	-	800,485.00
12	Composite Transfer Grant and Relocation Expenses	515,398.00	-	515,398.00	-	-	-
	Total	74,120,356.00	-	74,120,356.00	52,579,188.00	-	52,579,188.00

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt.Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





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 01.04.2018	-	-	80,312.00	-
2	Addition: Capitalized value of Contributions Received from other Organizations	-	-	-	-
	Total (a)	-	-	-	-
3	Less: Actual Payment during the Year (b)	-	-	-	-
4	Balance Available on 31.03.2019 [c = (a-b)]	-	-	80,312.00	-
5	Provision required on 31.03.2019 (d)	-	1,075,201.00	125,677.00	1,200,878.00
6	Provision to be made in the Current year [A = (d-c)]	-	1,075,201.00	45,365.00	1,120,566.00
7	Contribution to New Pension Scheme & CPF (B)	-	-	-	4,288,921.00
8	Medical Reimbursement to Retired Employees (C.)	-	-	-	-
9	Travel to Hometown on Retirement (D)	-	-	-	-
10	Deposit Linked Insurance Payment (E)	-	-	-	-
	Total (A+B+C+D+E)	-	1,075,201.00	45,365.00	5,409,487.00

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt.Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Academic Expenses

Schedule 16

Amount in Rs.

S.No.	Particulars	Current Year				Previous Year		
		Plan	Non Plan	Academic	Total	Plan	Non Plan	Total
1	Laboratory expenses	-	-	219,794.00	219,794.00	-	-	537,382.00
2	Field work/Participation in Conferences	-	-	-	-	-	-	-
3	Expenses on Seminars/Workshops	-	-	-	-	-	-	30,000.00
4	Payment to visiting faculty	-	-	745,945.00	745,945.00	-	-	302,000.00
5	Examination	-	-	-	-	-	-	-
6	Student Welfare expenses	-	-	-	-	-	-	-
7	Admission expenses	-	-	-	-	-	-	-
8	Convocation expenses	-	-	-	-	-	-	-
9	Publications	-	-	-	-	-	-	-
10	Subscription Expenses	-	-	-	-	-	-	-
11	ID Card Charges	-	-	-	-	-	-	-
12	Culture Expenses	-	-	-	-	-	-	-
13	Secret Funds	-	-	-	-	-	-	-
14	DMC Security Expenses	-	-	-	-	-	-	108,000.00
15	Sports Expenses	-	-	-	-	-	-	54,524.00
16	Training and Placement Expenditure	-	-	-	-	-	-	-
	Others (specify)	-	-	-	-	-	-	-
17	Library Expenses	-	-	-	-	-	-	359,349.00
18	TA to Students	-	-	70,301.00	70,301.00	-	-	117,068.00
19	Academic Expenses	-	-	1,155.00	1,155.00	-	-	70,169.00
20	Literary Club Expenses	-	-	-	-	-	-	-
	Total	-	-	1,037,195.00	1,037,195.00	-	-	1,578,492.00

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt.Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Administrative and General Expenses

Schedule 17

Amount in Rs.

S.No.	Particulars	Current Year			Previous Year		
		Plan	Non Plan	Total	Plan	Non Plan	Total
1	Infrastructure						
a)	Electricity and power	6,553,564.00	-	6,553,564.00	6,638,793.00	-	6,638,793.00
b)	Water charges	-	-	-	-	-	-
c)	Insurance	-	-	-	-	-	-
d)	Rent, Rates and Taxes (including property tax)	39,005,212.00	-	39,005,212.00	35,710,682.00	-	35,710,682.00
2	Communication						
a)	Postage, Telephone, Fax and Internet Charges	4,353,694.00	-	4,353,694.00	4,506,991.00	-	4,506,991.00
3	Expenses on Contractual & Outsourced Employees						
a)	Salary to Contractual Staff	12,275,668.00	-	12,275,668.00	10,829,666.00	-	10,829,666.00
b)	Outsourced Employees Expenses	14,369,256.00	-	14,369,256.00	15,532,844.00	-	15,532,844.00
4	Fest Expenses						
a)	Saptrang	-	-	-	256,544.62	-	256,544.62
b)	Terra Technica 2018	171,027.00	-	171,027.00	447,717.00	-	447,717.00
c)	Terra Technica 2017	10,000.00	-	10,000.00	55,204.00	-	55,204.00
d)	Other Conference and Workshop Expenses	143,471.00	-	143,471.00			
5	Others						
a)	NIT Transit House Contribution	250,000.00	-	250,000.00	250,000.00	-	250,000.00
b)	Professional Charges	472,328.00	-	472,328.00	710,771.00	-	710,771.00
c)	Printing and Stationery	1,980,946.80	-	1,980,946.80	1,662,213.30	-	1,662,213.30
d)	Travelling and Conveyance Expenses	737,842.00	-	737,842.00	1,185,550.00	-	1,185,550.00
e)	Stipend/means-cum-merit scholarship	32,143,647.00	-	32,143,647.00	28,030,354.00	-	28,030,354.00
f)	Auditors Remuneration	26,265.00	-	26,265.00	85,000.00	-	85,000.00
g)	Statutory Bodies Meeting and Various Meeting	728,948.00	-	728,948.00	1,437,359.00	-	1,437,359.00
h)	Security Expenses	7,682,390.00	-	7,682,390.00	7,335,057.00	-	7,335,057.00
i)	E-Journals	6,221,690.00	-	6,221,690.00			
j)	Misc Exp	434,771.08	-	434,771.08	302,756.00	-	302,756.00
k)	Advertisement and Publicity	1,567,737.00	-	1,567,737.00	1,832,653.00	-	1,832,653.00
l)	News Paper, Magazines, E- Journals & Periodicals Subscription Fee	501,255.00	-	501,255.00	73,454.00	-	73,454.00
m)	Boarding & Lodging and Guest House Expenses	113,642.00	-	113,642.00	134,570.00	-	134,570.00
n)	Recruitment Expenses	-	-	-	735,661.00	-	735,661.00
o)	Website related expenses	48,500.00	-	48,500.00	1,704.00	-	1,704.00
p)	GST paid under Reverse Charge	-	-	-	401,922.00	-	401,922.00
q)	DSC Expenses	53,201.00	-	53,201.00	-	-	-
	Total	129,845,054.88	-	129,845,054.88	118,157,465.92	-	118,157,465.92

[Signature]
Accountant
NIT Delhi

[Signature]
Faculty (I) A/c
NIT Delhi

[Signature]
Asstt.Registrar
NIT Delhi

[Signature]
Registrar
NIT Delhi

[Signature]
Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Transportation Expenses

Schedule 18

Amount in Rs.

S.No.	Particulars	Current Year			Previous Year		
		Plan	Non Plan	Total	Plan	Non Plan	Total
1	Vehicles (owned by institution)						
a)	Running expenses	-	-	-	-	-	-
b)	Repairs & maintenance	-	-	-	-	-	-
c)	Insurance expenses	-	-	-	-	-	-
2	Vehicles taken on rent/lease/Hiring	-	-	-	-	-	-
a)	Rent/lease expenses/Hiring	6,707,478.00	-	6,707,478.00	6,924,709.00	-	6,924,709.00
b)	Running expenses	198,461.00	-	198,461.00	271,735.00	-	271,735.00
	Total	6,905,939.00	-	6,905,939.00	7,196,444.00	-	7,196,444.00

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt. Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Repairs & Maintenance

Schedule 19


Amount in Rs.


S.No.	Particulars	Current Year			Previous Year		
		Plan	Non Plan	Total	Plan	Non Plan	Total
1	Estate & Building Maintenance	919,661.00	-	919,661.00	1,945,820.50	-	1,945,820.50
2	Furniture & Fixture	-	-	-	-	-	-
3	Plant & Machinery	20,768.00	-	20,768.00	63,800.00	-	63,800.00
4	Office Equipments	470,459.00	-	470,459.00	342,991.00	-	342,991.00
5	Computer	1,575,714.00	-	1,575,714.00	317,719.00	-	317,719.00
6	Laboratory & Scientific Equipments	-	-	-	-	-	-
7	Audio Visual Equipments	-	-	-	-	-	-
8	Cleaning Material & Services	-	-	-	-	-	-
9	Books Binding Charges	-	-	-	-	-	-
10	Gardening	-	-	-	-	-	-
11	Electricity and Electric Repair	169,282.00	-	169,282.00	375,678.00	-	375,678.00
	Total	3,155,884.00	-	3,155,884.00	3,046,008.50	-	3,046,008.50


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Finance Costs

Schedule 20

Amount in Rs.

S.No.	Particulars	Current Year			Previous Year		
		Plan	Non Plan	Total	Plan	Non Plan	Total
1	Bank Interest or others	44,843.25	-	44,843.25	52,879.80	-	52,879.80
2	Others (specify)	-	-	-	-	-	-
	Total	44,843.25	-	44,843.25	52,879.80	-	52,879.80

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt.Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Other Expenses

Amount in Rs.

Schedule 21

S.No.	Particulars	Current Year			Previous Year		
		Plan	Non Plan	Total	Plan	Non Plan	Total
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	-	-	-	-	-	-
		-	-	-	-	-	-
	Total						

James G. S.
Accountant
NIT Delhi

Rinal
Faculty (I) A/c
NIT Delhi

Harish Chugh
Asstt.Registrar
NIT Delhi

H. P.
Registrar
NIT Delhi

Q. Kumar
Director
NIT Delhi

Date: 12.09.2019
Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Prior Period Expenses

Schedule 22 Amount in Rs.

S.No.	Particulars	Current Year			Previous Year		
		Plan	Non Plan	Total	Plan	Non Plan	Total
1	Establishment expenses	83,729.00	-	83,729.00	1,483,874.00	-	1,483,874.00
2	Academic expenses	560,309.00	-	560,309.00	-	-	-
3	Administrative expenses	3,618,504.00	-	3,618,504.00	60,521.00	-	60,521.00
4	Transportation expenses	-	-	-	-	-	-
5	Repairs & Maintenance	-	-	-	49,668.00	-	49,668.00
6	Other expenses	-	-	-	2,327.68	-	2,327.68
	Total	4,262,542.00	-	4,262,542.00	1,596,390.68	-	1,596,390.68

[Signature]

Accountant
NIT Delhi

[Signature]

Faculty (I) A/c
NIT Delhi

[Signature]

Asstt.Registrar
NIT Delhi

[Signature]

Registrar
NIT Delhi

[Signature]

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
List of Creditors as on 31.03.2019


Annexure 'A'


Creditors For Goods

S.No.	Particulars	Amount in Rs.
1	Boss Bombay Batteries	1,800.00
2	Frank Copier Pvt. Ltd	34,290.00
3	Har Shree Nath Service Station	25,773.00
4	Jain Furniture Supplier	8,220.00
5	Kamal Enterprises	99,358.00
6	Libsys Ltd.	52,510.00
7	Prateek Computer Peripherals	15,542.00
8	Saini Refrigeration Works	4,692.00
9	Sasthi Infotech	307,955.00
10	Scientech Technologies P. Ltd.	25,606.00
11	Vsm Enterprises	8,800.00
	Total	584,546.00


Creditors-Others


S.No.	Particulars	Amount in Rs.
1	Anil	2,183.00
2	Ashok Travels and Tours	23,021.00
3	Cityalert Security Services P. Ltd.	72,117.00
4	Gujarat Narmada Valley Fertilizers & Chemicals	25,000.00
5	Mukul Nakra Reimbursable	16,999.00
6	NIT Jalandhar	100,000.00
7	NSDL	2,195.00
8	Pashupati Nath Resorts Pvt Ltd	27,186.00
9	Satyawan Kumar Yadav	5,408.00
10	Turnitin India Education Pvt	146,324.00
	Total	420,433.00


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi

Date: 12.09.2019

Place: Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
List of Statutory Dues as on 31.03.2019

Annexure 'B'

S.No.	Particulars		Amount in Rs.
1	TDS Payable on Contract 194C		95,144.00
2	TDS Payable on Rent 194I		563,359.00
3	Tds Payable on Salary 192		567,350.00
5	TDS Payble Professional 194J		13,060.00
6	NPS Payable (Both Employer & Employee)		828,638.00
	Total		2,067,551.00

[Signature]

Accountant
NIT Delhi

[Signature]

Faculty (I) A/c
NIT Delhi

[Signature]

Asstt.Registrar
NIT Delhi

[Signature]

Registrar
NIT Delhi

[Signature]

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





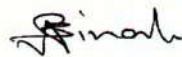
NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Detail Of Outstanding as on 31.03.2019

Annexure 'C'
Amount in Rs.

S.No.	Particulars		
1	Bus Hiring Charges	1,351,000.00	
2	Campus Maintenance	3,850.00	
3	CPF Contribution	35,000.00	
4	E-Journal Expense	1,180,487.00	
5	Electricity Exp	959,762.00	
6	Equipment Repair Maintenance	28,710.00	
7	GPF	50,000.00	
8	Hostel Repair Maintenance	105,808.00	
9	Internet Charges	1,032,500.00	
10	Legal Charges	57,898.00	
11	Newspaper & Periodicals	5,017.00	
12	Other Payable	302,803.00	
13	Professional Charges	6,490.00	
14	Rent	3,888,060.00	
15	Salary and Wages Contractual	1,416,444.00	
16	Salary Outsourcing Staff	1,288,105.00	
17	Security Exp.	2,214,937.00	
18	Stipend of Mtech	842,986.00	
19	Stipend Of Phd	1,709,778.00	
20	Telephone Exp	30,209.00	16,509,844.00
	Establishment Expenses Payable		
21	Leave Encashment	125,677.00	
22	GIS Refundable	56,507.00	
23	Salary Payable	5,270,551.00	
24	Leave Salary & Pension Contribution	20,702.00	
25	Gratuity & Leave Encashment Payable	1,075,201.00	6,548,638.00
	Unspent balance of Counsellings		
26	CCMT 2017	227.00	
27	CSAB 2016	47,932.00	
28	DASA 2018	39,000.00	
29	CSAB 2017	100,000.00	187,159.00
	Project Expenses Payable		
30	CSIR Project	62,565.00	
31	LASTEC/P&C/CARS/2018/09	114,161.00	
32	SERB Project	57,500.00	234,226.00
	Total		23,479,867.00



Accountant
NIT Delhi



Faculty (I) A/c
NIT Delhi



Asstt. Registrar
NIT Delhi



Registrar
NIT Delhi



Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Details of Earnest Money Deposit and Other Security Deposits

A) Details of Earnest Money Deposit

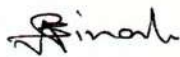
			Annexure 'D'
S.No.	Particulars		Amount in Rs.
1	Ashok Kumar		10,000.00
2	Balka Furnishaers		4,000.00
3	Ergo Dyanamix		10,000.00
4	Galaxy Enterprises		3,000.00
5	Jain Furniture		2,100.00
6	Neotel		10,000.00
7	NET PRO INDIA		10,000.00
8	Net Web Technologies		11,000.00
9	NIT Delhi Mess		65,000.00
10	Sahni Associates		4,000.00
11	Shree Balaji Furnishers		3,100.00
12	Star Fabricators		36,565.00
13	Sulabh International Social Service Org.		33,496.00
14	T K Meena		6,000.00
15	Top Land		16,000.00
	Total (A)		224,261.00

B) Details of Other Security Deposit

Annexure 'D'	Particulars		Amount in Rs.
1	JILT Ltd		202,248.00
2	Sahni Associates		16,238.00
	Total (B)		218,486.00
	Grand Total (A+B)		442,747.00



Accountant
NIT Delhi



Faculty (I) A/c
NIT Delhi



Asstt.Registrar
NIT Delhi



Registrar
NIT Delhi



Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
List of Imprest Money given to Staff

Annexure 'E'

S.No.	Particulars		Amount in Rs.
	Cash Imprest		
1	Anmol Ratna Saxena	705.00	
2	Rikmantra Basu	3,937.00	4,642.00
	New Imprest Card		
3	Administration Deptt. 8511 (Manisha Singh)	21,275.00	
4	Caretaker 8479 (Krishan Pal)	4,143.00	
5	Dean P&D 8495 (Dr. Gyanendra Sheoran)	24,701.00	
6	Driver 8461 (Rajesh)	1,150.00	
7	HOD ME 8529 (Harish Kumar)	25,000.00	
8	JE (Electrical) 8503 (Mukul Nakra)	24,648.00	
9	Pantry 8487 (Jitender)	23,422.00	124,339.00
	Old Imprest Card		
10	HOD AS 8076 (Amit Mahajan)	23,335.00	
11	SAS Officer 8191 (Anidev Singh)	25,000.00	
12	HOD EEE 8183 (Anmol Ratan Saxena)	25,000.00	
13	Dean R&C 8035 (Dr. Vivek Shrivastava)	25,000.00	
14	HOD ECE 8167 (D.Vaithyanathan)	25,000.00	
15	Assistant Librarian 8209 (Gareema Sanaman)	22,104.00	
16	Dean P&D 4101 (Gyanendra Sheoran)	299.00	
17	JE (Civil) 8118 (Kamal Kumar)	25,000.00	
18	T&P Officer 8126 (Kapil Kumar)	24,960.00	
19	Care Taker 4127 (Krishan Pal)	20,857.00	
20	Administration Deptt. 8142 (Manisha Singh)	3,725.00	
21	JE (Electrical) 8159 (Mukul Nakra)	352.00	
22	Driver 8092 (Rajesh)	16,829.00	
23	Dean F&W 8043 (Rajiv Kumar Tirpathi)	25,000.00	
24	Technician CC 8175 (Raushan Kumar)	25,000.00	
25	Dean Academics 8027 (Rikmantra Basu)	25,000.00	
26	HOD CSE 8068 (Shelly Sachdeva)	22,944.00	
27	Dean SW 8050 (Vivek Shrivastava)	24,444.00	
28	Chief Warden 8084 (V.S. Pandey)	25,000.00	384,849.00
	Unused Imprest Card		
29	Krishan Pal Imprest - Guest House 0433	25,000.00	25,000.00
	Total		538,830.00



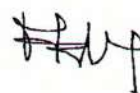
Accountant
NIT Delhi



Faculty (I) A/c
NIT Delhi



Asstt. Registrar
NIT Delhi



Registrar
NIT Delhi



Director
NIT Delhi

Date: 12.09.2019

Place: Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI
List of Advances given to Staff

Annexure 'F'

S.No.	Particular		Amount in Rs.
1	Amit Kumar Singh		6,900.00
2	Amit Pratap Singh		18,409.00
3	Anidev Singh		51,140.20
4	Anmol Ratna Saxena		101,444.00
5	Anuj Kumar Sharma		15,000.00
6	Anurag Singh		7,000.00
7	Harish Kumar		80,000.00
8	Sachin Singh		25,000.00
9	Vivek Shrivastava		8,950.00
10	Gyanendra Sheoran		100,000.00
11	Harpreet Singh Nanda		3,000.00
12	Kapil Kumar		6,000.00
13	Poonam Kamboj		550.00
14	Poonam Tiwari		7,603.00
15	Rajiv Kumar Tripathi		21,540.00
16	Rakesh Kumar Rai		7,000.00
17	Raushan Kumar		16,250.00
18	Rikmantra Basu		3,150.00
19	Satyender Singh		3,000.00
20	Vinay Shankar Pandey		3,500.00
	Total		485,436.20

Accountant
NIT Delhi

Faculty (I) A/c
NIT Delhi

Asstt. Registrar
NIT Delhi

Registrar
NIT Delhi

Director
NIT Delhi

Date: 12.09.2019

Place: Delhi



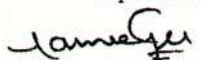


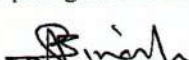
Schedule-23

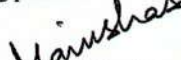
NATIONAL INSTITUTE OF TECHNOLOGY DELHI


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 Straight Line Method at the applicable rates as per MHRD 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. 2,000 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 MHRD 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 MHRD 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 MHRD, Govt. Of India and as per the format prescribed by Govt. Of India MHRD.
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.


Accountant
NIT Delhi


Faculty (I) A/c
NIT Delhi


Asstt. Registrar
NIT Delhi


Registrar
NIT Delhi


Director
NIT Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

Notes to Accounts and Contingent Liabilities:

1. Physical verification of inventory during the year 2018-19 has been done and stationery and consumables items are being purchased on need basis.
2. The unspent balance of 'Grant under Plan' released by MHRD has been brought to the notice of BOG in its 21st Meeting & MHRD and it is carried forward to be spent in the next year, for the purpose it was released.
3. No Fixed Assets has been purchased out of Non-Plan Funds, as the institute is in receipt of Plan Grant only and no addition to the fixed assets has been made out of the sponsored projects as shown in schedule 4 (attached). The Assets have been set up by credit to the Capital Fund in schedule 1.
4. No Patents have been acquired 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. The stale cheques have been transferred to Time Barred Account during the year.
7. Corresponding figures of the previous year has been regrouped/rearranged, wherever necessary.
8. There is a legal suit pending against NIT Transit House, but NIT Delhi has been impleaded as a party, because the Director NIT Delhi is main Coordinator of NIT Transit House till 03rd October 2018. Now this case has been settled in favour of NIT Transit House in the FY 2018-19.
9. There is no dispute in respect of Income Tax, Sales tax and any other taxes.
10. Provision for the expenses for the year 2018-19 has been made on the basis of Information received up to 30.04.2019.
11. Schedule 1 to 24 is annexed to and form an integral part of the balance sheet as at 31st March, 2019 and Income & Expenditure Accounts for the year ended on that date.
12. No contingent liability exists as on 31st march 2019.
13. Capital Work in Progress addition of Rs. 6333.84 Lakhs includes: Rs. 6312.63 Lakhs of Construction Cost paid to NBCC against various RA bills raised during the year, Rs. 21.21 Lakhs paid for MCD Property Tax for the period 2018-19.
14. Total amount paid to NBCC as Secured advance during the FY 2018-19 is Rs. 105.07 Lakhs.
15. Rs. 7.36 Lakhs is receivable from CCMT 2018 (Head Office).





16. Spare funds under bank accounts were decided to put under FDR through Auto Sweep arrangement to fetch better return. Auto Sweep Interest earned is amounted to Rs. 10.49 Lakhs under bank account 4075 and Rs. 12.87 Lakhs under bank account 4077.
17. Expenditure from Seed money of Dr. AP Singh and Dr. Gyanendra Sheoran was not booked as expenditure in earlier years; same has been booked as expense in current financial year. Earlier Seed money was shown under sponsored projects and expenditures were debited from project amount.
18. Rent expense for temporary campus (NILERD) has been increased by 5% for residential and 8% for non-residential w.e.f 01/01/2019.
19. Expenditure on E-journals has been booked under revenue expenditure as payments are made for yearly subscription.
20. Salary of Contractual Faculty has been in from 54,900/- per month to 70,000/- per month w.e.f. 01/11/2018.
21. Arrear of allowances has been paid as per 7 CPC in FY 2018-19 to regular employees w.e.f 01/07/2017.
22. New bank account was opened in SBI for collection of fees from students. This account was opened in SBI as SBI have its own payment gateway facility. Once implementation payment gateway will be done, fees will be received in SBI bank account.
23. Rs. 22 Crores has been transferred from Corpus Fund (IRG) to Head 31 to meet expenditures of Head 31.
24. Gratuity provision has been created for employees who have completed minimum 5 years of their regular service.
25. Fees received (all fees) from the students are recognised on receipt basis and is fully transferred to the Income and Expenditure account for the current Financial year without considering the session for which the Tution fees has been received.

James George

Accountant
NIT Delhi

R. Nair

Faculty (I) A/c
NIT Delhi

Hainshab Singh

Asstt. Registrar
NIT Delhi

[Signature]

Registrar
NIT Delhi

[Signature]

Director
NIT Delhi





National Institute of Technology Delhi

An autonomous Institute under the aegis of Ministry of HRD, Govt of India)

A-7, Institutional Area Near Satyawadi

Raja Harish Chandra Hospital, New Delhi, Delhi 110040

Phone: +9111-33861000-1006 Fax +9111-27787503

Website www.nitdelhi.ac.in