



# **ANNUAL REPORT & ACCOUNTS 2016-2017**



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



# Annual Report & Annual Accounts (2016- 2017)



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

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

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## DIRECTOR'S MESSAGE

This is a matter of immense pleasure and proud being part of an institution whose name is no more new among the list of national importance institutions established in year 2010. At the outset, I would like to congratulate all the stakeholders of the institute who have put in their extreme efforts to achieve this. Even after being functional from a transit campus the institute is reaching new limits every working day. The credit of all growth and development goes to hard working students, motivating faculty and staff members.

The day has come when our students participate not only in intra-institute activities but also outside the institute, where they excel and reach new dimensions. The pace of development of the institute can be estimated from above as well as the permanent campus of the institute which is proceeding at considerable speed. The development of permanent campus is in progress which includes construction of mini campus, administrative block, start-up centre along with play ground. In fact, we are soon going to inaugurate the play ground so that the students of the institute can be facilitated with quality which they are lagging behind due to small size of transit campus.

During this academic session, we have been able to develop new labs in various engineering departments along with maintenance and further development of existing ones. New faculty and staff members have joined the institute to enhance academic & and research. Placements of our students have reached new dimensions. The students are being placed at premier institutes/ business houses of repute around the world, offering whooping salary packages and training opportunities. Institute has also collaborated with different organization/ institution around the globe in order to use resources of each other. The Institute is also not lagging behind in its social responsibilities. Students, faculty & staff indulge themselves in various activities of promotion & adaption of programmes like Swatch Bharat Mission, Digital India, Tree plantation. These activities are not only carried within the institute but also around the institute.

In the end, I wish NIT Delhi all the best for its future endeavours & pray almighty to bless it to move forward at even more enthusiastic pace.

**Prof. Ajay K Sharma**  
Director, NIT Delhi



# **PART - I**

## **Annual Report**

### **(2016- 2017)**





## 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 benchmarked to reflect the high standard and latest technology.
- To provide state-of-the-art laboratories with latest equipment and instruments.
- To provide the highest level of cleanliness, hygiene, safety, discipline and environmental consciousness in the institute.

### 1.4 EDUCATION SYSTEM

NIT Delhi follows choice based credit system adopted from the mentor institute 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.

### 1.5 NEW INITIATIVES

- Construction activity started in Permanent Campus
- Development of new Laboratories

## 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:

Undergraduate B.Tech. program is offered in the following disciplines of engineering:

- Computer Science & Engineering (CSE)
- Electronics & Communication Engineering (ECE)
- Electrical & Electronics Engineering (EEE)

Strength of each B. Tech programme has been increased to 60 students from academic session 2013-





14 from initial 30 at the time of initiation in 2010. M.Tech. programme in the discipline of Electronics and Communication Engineering with an intake of 15 students was introduced from the academic year 2013-14 followed by Ph.D. programme initiated from January 2014. M.Tech. Programme in Computer Science and Engineering (Analytics) with an intake of 15 students started in Academic year 2014-15. M.Tech. Programme in Mechanical Engineering with specialization in CAD/CAM with an intake of 15 students started from Academic year 2016-17.

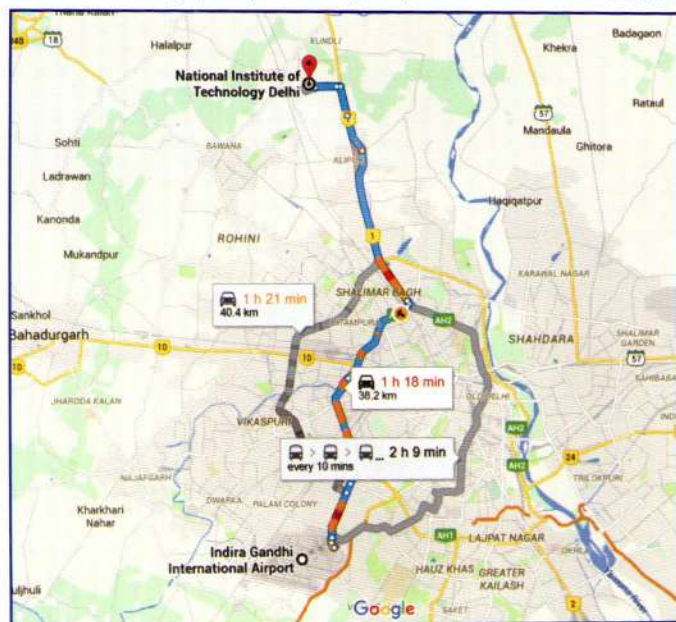
Admission for B.Tech. programmes are based on the performance in the Joint Entrance Examination (JEE). Admissions to 50% of the seats are reserved for the students of Delhi & Chandigarh and the remaining 50% seats are made on the basis of All-India ranking of the aspiring applicants.

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 runs from its transit campus 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

NILERD Campus

A-7, Institutional Area

Near Satyawadi Raja Harish Chandra Hospital,

Narela, Delhi – 110040

Tel: 011 – 33861000

Tel: 011 – 33861006

Fax: 011 – 27787503

Email: Director: [director@nitdelhi.ac.in](mailto:director@nitdelhi.ac.in)

Website: [www.nitdelhi.ac.in](http://www.nitdelhi.ac.in)

## 2.2 CAMPUS

The Institute's campus is spread over an area of 13 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 hostel 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 recently developed within the campus. The campus is self-contained having student mess, shopping booth, 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 construction task of permanent campus for NIT Delhi has been assigned to NBCC Ltd. The task 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	12%	09%

- **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	12%	09%

- **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	22%	19%

- **Construction of Playground:** The work of construction of Administrative Block 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	50%	47%



## 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 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 8. 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 by 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 :** 01 August, 2016 – 16 December, 2016

**Spring semester :** 02 January, 2017 –25 May, 2017

## 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

The institute offers four-year bachelor degree programmes in following disciplines of engineering:

- Computer Science and Engineering (CSE)
- Electronics and Communication Engineering (ECE)
- Electrical and Electronics Engineering (EEE)





The intake of students in each of its undergraduate programme is 60, where additional 15% seats are also reserved for DASA candidates through SAT Score.

### Post-Graduate Programme

The Institute offers two-year master degree programmes in following departments of engineering:

- Electronics and Communication Engineering
- Computer Science & Engineering (Analytics)
- Mechanical Engineering (CAD/CAM)

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

## 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 CSAB. The 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 off-line counseling, 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 foreign nationals 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).

Admission criteria to Undergraduate Engineering Programs at NITs, IITs, Other Centrally Funded Technical Institutions, Institutions funded by participating State Governments, and other Institutions shall include the performance in the class 12/equivalent qualifying Examination and in the Joint Entrance Examination, JEE (Main). The Paper-1 (B. E./B. Tech.) of JEE (Main) will also be an eligibility test for the JEE (Advanced), which the candidate has to take if he/she is aspiring for admission to the undergraduate programmes offered by the IITs.

Each and every candidate who satisfies any one of the following criteria as per JEE Mains 2016 Information Brochure is eligible for the Admission in B.Tech. Programme.

### Eligibility Criteria

- Secured a rank in JEE (Main) 2016 Paper-1 (B.E./B. Tech.) AND has obtained 45% [for GEN] or 40% [for OBC-NCL, SC, ST, PwD] aggregate marks in the Class XII (or equivalent) examination.

Marks obtained in the following five subjects will be considered for calculating the aggregate marks: any one language, Mathematics, Physics, any one of [Chemistry, Biology, Biotechnology or technical vocational subject] and any other fifth subject.

- Secured a rank in JEE (Main) 2016 Paper-2 (B.Arch./B. Planning) AND has Mathematics as one of the subjects in Class XII (or equivalent) examination AND has obtained 50% aggregate marks [irrespective of whether the candidate belongs to the GEN, OBC]

### Post Graduate Programme

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

The admissions to the M.Tech. is provided through CCMT. The idea behind the Centralized Counseling for M.Tech./M.Plan 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. Based on the GATE scores of the candidates and the choices filled in by them during option entry.

### Application Form Process

- Candidates must register online giving their Email ID and details of their GATE exam.
- They must use the temporary number generated after registration to pay the Registration/Application fees.
- After the payment, the login username and password will be sent to the registered email id along with a permanent number.
- Candidates must login and enter their personal details.
- They must enter their choices with regard to institutes, courses etc.
- Candidates must print the registration form for future reference.

### Counseling Process

- Candidates will be shortlisted on the basis of their GATE Scores.
- Candidates who are allotted a seat will have to pay the specified initial fee online or through NEFT.
- They will have to personally report to any one of the 'Reporting Centers' or 'Allotted Institute' as per the schedule given in the brochure.
- They will have to get the original documents verified, submit photocopy of documents and proof of the initial fee payment to mark their acceptance of the offer of seat and exercise "upgrade options" if they so desire.
- After verification of all the relevant documents and fee payment, candidates will be issued a Document Verification Note (DVN).
- Candidates must pay the balance fee as per the dates specified and print the provisional admission letter generated after payment.

They must report to the allotted institute as per the specified dates for final admission and classes along with the DVN, provisional admission letter and the payment receipt.

### Ph.D. Programme

Advertisement for admission to the Ph.D. programme is 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). The advertisement may/ may not include the predetermined seats and as per the guidelines of reservation policy of Government of India. A candidate interested in applying in more than one department/ category shall be required to submit separate application forms along with prescribed fees and documents. The candidate shall be 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 Science with a minimum of 60% marks or equivalent CGPA at Master's and/or Bachelor's levels. Candidates meeting this requirement must also have GATE score/CSIR/UGC/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.

#### Note:

- i. 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 interview for admission to Ph.D. programme.

- ii. 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.
- iii. Relaxation in minimum Percentage/Equivalent Grade Point requirements will be given as per the National Reservation Policy of Govt. of India.
- iv. If a candidate has both M.Sc. and M.Tech. degrees then she/he may be exempted from the requirement of NET.

- **Screening Committee:**

A Screening Committee comprises of the Head of Department (HoD) and three faculty members holding Ph.D. degree and a member holding Ph.D. degree from the collaborative organizations/industries/institutes(Indian/Foreign) having MoU with NITD. The committee screens all applications for admission to Ph.D. programme. The committee verifies the eligibility of the applicant(s) for the programme/Entrance Test based upon his/her details mentioned in the application(s) and the documents enclosed.

- **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 may be 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 shall be 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 Deputy/Assistant Registrar 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 Level						
Course/Category	General	SC	ST	OBC	DASA	Total
UG	33	17	9	41	17	117
PG	27	6	2	20	0	55
Total	60	23	11	61	17	172

## 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) - will assist the committee.

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.

- **'W' Grade:** The 'W' grade is awarded in a course where the student has opted to withdraw from the





course. Withdrawal from a course is permitted until one week after the Mid Semester Examination.

- **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:

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

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 to be rounded off to nearest integer.

Attendance (in %)	Marks
Above 75	3
More than 80	4
More than 90	5

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

- Students are not allowed to leave the examination hall without submitting the answers script. They will not be 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 within 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 PLACEMENT

#### Placement of B.Tech. Batch (2013-2017 batch)

Campus Interviews were arranged for the final year B.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 provided under section 6.0).





## 2.13 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.

## 2.14 STAFF POSITION

### 2.14.1 Chief Academic and Executive Officer

Position	Name
Director	Prof. Ajay Kumar Sharma

### Faculty

#### List of faculty as on 31.03.2017 (Regular)

S. No.	Name of Faculty	Designation	Department
1.	Dr. Anshul Agarwal	Assistant Professor	Electrical & Electronics Engineering
2.	Dr. Pankaj Mukhija	Assistant Professor	Electrical & Electronics Engineering
3.	Dr. Amit Pratap Singh	Assistant Professor	Applied Sciences (Chemistry)
4.	Dr. Rikmantra Basu	Assistant Professor	Electronics & Communication Engineering
5.	Dr. Shakira Khan	Assistant Professor	Humanities & Management
6.	Dr. Amit Mahajan	Assistant Professor	Applied Sciences (Mathematics)
7.	Dr. Anmol Ratna Saxena	Assistant Professor	Electrical & Electronics Engineering
8.	Dr. Gyanendra Sheoran	Assistant Professor	Applied Sciences (Physics)
9.	Dr. Abhishek Mishra	Assistant Professor	Mechanical Engineering
10.	Dr. Prashant Kumar	Assistant Professor	Applied Sciences (Mathematics)
11.	Dr. Anuj Kumar Sharma	Assistant Professor	Applied Sciences (Physics)
12.	Dr. Rajiv Kumar Tripathi	Assistant Professor	Electronics & Communication Engineering
13.	Dr. Tirupathiraju Kanumuri	Assistant Professor	Electrical & Electronics Engineering
14.	Dr. V.S.Pandey	Assistant Professor	Applied Sciences (Physics)
15.	Dr. Anurag Singh	Assistant Professor	Computer Science & Engineering

### 2.14.2 Academic Staff: Sanctioned & filled

Total Sanctioned Intake of Faculty (Category Wise)						
Course/Category	Gen.	SC	ST	OBC	PwD	Total
Professor	7	-	-	-	-	7
Associate Professor	14	-	-	-	-	14
Assistant Professor	16	04	02	06	01	29
Grand Total	37	04	02	06	01	50

Faculty in Position (category Wise) (Regular)						
Course/Category	Gen.	SC	ST	OBC	PwD	Total
Professor	-	-	-	-	-	-
Associate Professor	-	-	-	-	-	-
Assistant Professor	15	-	-	-	-	15
Grand Total	15	-	-	-	-	15

Faculty in Position (category Wise) (Contractual)						
Course/Category	Gen.	SC	ST	OBC	PwD	Total
Professor	-	-	-	-	-	-
Associate Professor	-	-	-	-	-	-
Assistant Professor	22+1*	01	-	-	-	24
Grand Total	23	01	-	-	-	24

\* Inspire Faculty





**List of faculty as on 31.03.2017 (Contractual)**

S. No.	Name of Faculty	Designation	Department
1.	Dr. Suman Srivastava (Inspire Faculty)	Assistant Professor	Applied Sciences (Chemistry)
2.	Ms. Nonita Sharma	Assistant Professor	Computer Science & Engineering
3.	Mr. Ankur	Assistant Professor	Computer Science & Engineering
4.	Ms. Shailza Kanwar	Assistant Professor	Computer Science & Engineering
5.	Ms. Manisha Rathee	Assistant Professor	Computer Science & Engineering
6.	Mr. Hemant Salwan	Assistant Professor	Computer Science & Engineering
7.	Ms. Akanksha Juneja	Assistant Professor	Computer Science & Engineering
8.	Mr. Utkarsh	Assistant Professor	Computer Science & Engineering
9.	Ms. Priya Bhardwaj	Assistant Professor	Computer Science & Engineering
10.	Ms. Tripti Goel	Assistant Professor	Electronics & Communication Engineering
11.	Mr. Nitin Garg	Assistant Professor	Electronics & Communication Engineering
12.	Mr. Naman Joshi	Assistant Professor	Electronics & Communication Engineering
13.	Mr. Amit Mohindru	Assistant Professor	Electronics & Communication Engineering
14.	Ms. Neha Jain	Assistant Professor	Electronics & Communication Engineering
15.	Mr. Jyotirmoy Dutta	Assistant Professor	Electronics & Communication Engineering
16.	Mr. Satish K. Singh	Assistant Professor	Electronics & Communication Engineering
17.	Mr. Ashok Manori	Assistant Professor	Electrical & Electronics Engineering
18.	Mr. Sameer K. Singh	Assistant Professor	Electrical & Electronics Engineering
19.	Dr. Kapil Kumar	Assistant Professor	Mechanical Engineering
20.	Mr. Satyender Singh	Assistant Professor	Mechanical Engineering
21.	Dr. Kamaljit	Assistant Professor	Applied Sciences (Mathematics)
22.	Dr. Ruchi Sehgal	Assistant Professor	Humanities & Management (English)
23.	Mr. Jitendra K Agrahari	Assistant Professor	Mechanical Engineering
24.	Mr. Mandeep Sharma	Assistant Professor	Mechanical Engineering

**2.14.3 Non-Teaching Staff: Sanctioned & Filled**

S. No.	Designation of the Post	Sanctioned Strength	Filled Strength	Vacancy
1.	Registrar	1	-	1
2.	Executive Engineer	1	-	1
3.	Assistant Registrar	2	1	1
4.	Assistant Librarian	1	1	-
5.	SAS Officer	1	1	-
6.	Medical Officer	1	-	1
7.	Technical Assistant / Junior Engineer	11	5	6
8.	Accountant	1	-	1
9.	Secretary	1	-	1
10.	Superintendent	2	2	-
11.	Superintendent / Accountant / Secretary / Sr. Pharmacist	1	-	1





12.	Nurse	1	-	1
13.	Assistant (SG II) / Sr. Stenographer	3	-	3
14.	Senior Assistant	1	-	1
15.	Stenographer	1	-	1
16.	Junior Assistant	6	6	-
17.	Technician / Lab Assistant / Lab Work Assistant	13	6	7
18.	Attendant / Security Guard / Mali / Care Taker / Multi Tasking Staff	7	5	2
<b>Total</b>		<b>55</b>	<b>27</b>	<b>28</b>

#### Administrative & Technical Staff (Regular)

S. No.	Name(s) of Employee	Designation
1.	Dr. Manisha Singh	Assistant Registrar
2.	Dr. Gareema Sanaman	Assistant Librarian
3.	Dr. Anidev Singh	SAS Officer
4.	Mr. Kamal Kumar	Junior Engineer (Civil)
5.	Ms. Upasana Sharma	Superintendent
6.	Mr. Harpreet Singh Nanda	Superintendent
7.	Mr. Sumit Sharma	Technical Assistant
8.	Mr. R.V.Bhaskaran	Technical Assistant
9.	Mr. Surender Kumar	Technical Assistant
10.	Mr. Mukul Nakra	Junior Engineer (Electrical)
11.	Mr. Raushan Kumar	Technician
12.	Mr. Vikas Bhardwaj	Technician
13.	Mr. Kamaljit Singh	Technician
14.	Mr. Krishan Pal	Work Assistant
15.	Mr. Neeraj Kumar	Junior Assistant
16.	Ms. Aditi Kandari	Junior Assistant
17.	Ms. Poonam Kamboj	Junior Assistant
18.	Ms. Anupriya Das	Junior Assistant
19.	Mr. Jitender Singh Bisht	Junior Assistant
20.	Ms. Navisha Sharma	Junior Assistant
21.	Mr. Shubham Bhardwaj	Laboratory Assistant
22.	Mr. Aadesh Kumar	Laboratory Assistant
23.	Mr. Lov Kumar Dubey	Multi Tasking Staff
24.	Mr. Udit Sharma	Multi Tasking Staff
25.	Mr. Sonu Kumar	Multi Tasking Staff
26.	Mr. Anil	Multi Tasking Staff
27.	Mr. Bharat Singh	Multi Tasking Staff



### 3.0 STAFF

#### 3.1 Academic staff (Teaching)

##### Head of the Departments

S. No.	Department	Name
1.	Computer Science & Engineering	Dr. Anurag Singh
2.	Electronics & Communication Engineering	Dr. Rikmantra Basu
3.	Electrical & Electronics Engineering	Dr. Tirupathi Raju Kanumuri
4.	Applied Sciences	Dr. Gyanendra Sheoran
5.	Humanities & Management	Dr. Gyanendra Sheoran
6.	Mechanical Engineering	Dr. Abhishek Mishra

#### 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.	Prof. Ajay K Sharma	Professor and Director	Ph.D.
2.	Dr. Anurag Singh	Assistant Professor	Ph.D.
3.	Ms. Nonita Sharma	Assistant Professor	M.Tech.
4.	Mr. Ankur	Assistant Professor	M.Tech.
5.	Ms. Eeti Jain	Assistant Professor	M.Tech.
6.	Ms. Shailza Kanwar	Assistant Professor	M.Tech.
7.	Ms. Maneesha Rathi	Assistant Professor	M.Tech.
8.	Mr. Hemant Salwan	Assistant Professor	M.Tech.
9.	Ms. Akanksha Juneja	Assistant Professor	M.Tech.
10.	Ms. Priya Bhardwaj	Assistant Professor	M.Tech.

##### Electronics & Communication Engineering

1.	Dr. Rikmantra Basu	Assistant Professor	Ph.D.
2.	Dr. Rajiv K Tripathi	Assistant Professor	Ph.D.
3.	Ms. Tripti Goel	Assistant Professor	M.Tech.
4.	Dr. Satish Singh	Assistant Professor	Ph.D.
5.	Mr. Jyotirmay Dutta	Assistant Professor	M.Tech.
6.	Mr. Nitin Garg	Assistant Professor	M.Tech.
7.	Mr. Naman Joshi	Assistant Professor	M.Tech.
8.	Mr. Amit Mahendru	Assistant Professor	M.Tech.
9.	Ms. Neha Jain	Assistant Professor	M.Tech.
10.	Ms. Meenakshi Singh	Assistant Professor	M.Tech.
11.	Ms. Nikita Chauhan	Assistant Professor	M.Tech.





### Electrical & Electronics Engineering

1.	Dr. Pankaj Mukhija	Assistant Professor	Ph.D.
2.	Dr. Anshul Aggarwal	Assistant Professor	Ph.D.
3.	Dr. Anmol Ratna Saxena	Assistant Professor	Ph.D.
4.	Dr. Tirupathi Raju Kanumuri	Assistant Professor	Ph.D.
5.	Mr. Sameer K Singh	Assistant Professor	M.Tech.
6.	Mr. Ashok Manori	Assistant Professor	M.Tech.

### Applied Sciences & Humanities

1.	Dr. Vinay Shankar Pandey	Assistant Professor	Ph.D.
2.	Dr. Anuj Sharma	Assistant Professor	Ph.D.
3.	Dr. Amit Mahajan	Assistant Professor	Ph.D.
4.	Dr. Amit Pratap Singh	Assistant Professor	Ph.D.
5.	Dr. Gyanendra Sheoran	Assistant Professor	Ph.D.
6.	Dr. Prashant Kumar	Assistant Professor	Ph.D.
7.	Dr. Suman Srivastava	Assistant Professor	Ph.D.
8.	Dr. Shakira Khan	Assistant Professor	Ph.D.

### Mechanical Engineering

1.	Dr. Abhishek Mishra	Assistant Professor	Ph.D.
2.	Mr. Satyender Singh	Assistant Professor	M.Tech.
3.	Mr. Mandeep Sharma	Assistant Professor	M.Tech.
4.	Mr. Jitendra Agrahari	Assistant Professor	M.Tech.
5.	Dr. Kapil Kumar	Assistant Professor	Ph.D.

### Computer Center

1.	Mr. Subhash Yadav	Scientific Officer	MCA
2.	Mr. Raushan Kumar	Technician	M.Sc. (IT)

### Training & Placement

1.	Dr. Kapil Kumar	T & P officer	Ph.D.
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### Library

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

### Sports

1.	Dr. Anidev Singh	SAS officer	Ph.D.
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### 3.3 Administrative and Other Staff

#### 3.3.1 The general administration of the institute is as under

Sr. No.	Dean / Department	Name of Dean/ Incharge
1.	Dean Academics (I/C)	Dr. Amit Mahajan
2.	Dean Faculty Welfare (I/C)	Dr. Anmol Ratna Saxena
3.	Dean Student Welfare (I/C)	Dr. Anuj K Sharma
4.	Dean Research & Consultancy (I/C)	Dr. Amit Pratap Singh
5.	Dean Planning & Development (I/C)	Dr. Rikmantra Basu
6.	Computer Science & Engineering	Dr. Anurag Singh
7.	Electronics & Communication Engineering	Dr. Rikmantra Basu
8.	Electrical & Electronics Engineering	Dr. Tirupathi Raju Kanumuri
9.	Mechanical Engineering	Dr. Abhishek Mishra
10.	Applied Sciences	Dr. Gyanendra Sheoran
11.	Humanities & Management	Dr. Gyanendra Sheoran

#### 3.3.2 Hostel Administration

There are 2 boys and 2 girls hostels which are looked after by respective wardens to accommodate 316 boys and 90 girls. However, the overall hostel administration is looked by the Chief Warden. The hostel administration is as under:

Sr. No.	Name	Designation
1.	Dr. Anuj K Sharma	Dean Student welfare (Chairman)
2.	Dr. Gyanendra Sheoran	Chief Warden and Chief Proctor
3.	Dr. Manisha Singh	Warden, NIT Delhi Campus
4.	Mr. Ankur	Warden, SRHCH Campus Warden, Kundli Campus
5.	Ms. Nonita Sharma	Warden, Girls Hostel Rohini

## 4.0 TEACHING PROGRAMS

### 4.1 List of Toppers

Following are the Toppers of 2012-2016 Batch Department wise:

S. No.	Name of the Department	Name of Student
1.	Computer Science & Engineering	Karan Khanna
2.	Electronics & Communication Engineering	Mayank Kumar Mittal
3.	Electrical & Electronics Engineering	Paridhi Mathur

### 4.2 Admission Statistics

Total Sanctioned Intake of Students at UG & PG Level					
Course/ Category	General	SC	ST	OBC	Total
UG	87+ 3*	26+1*	14+0*	48+1*	180+27#
PG	24	6	3	12	45
Grand Total	106	31	16	57	210+27#
* PWD					
# DASA Students					





Total Actual Admission At UG & PG Level (Category Wise)						
Course/ Category	GEN	SC	ST	OBC	DASA	Total
UG	33	17	9	41	17	117
PG	6	6	2	19	0	33
Grand Total	60	23	11	61	17	172

Branch- Wise Admission At UG Level (Category Wise)						
Course	General	SC	ST	OBC	DASA	Total
EEE	9	5	4	9	4	31
CSE	14	6	2	19	4	45
ECE	10	6	3	13	9	41
Total	33	17	9	41	17	117

Branch Wise PG Admission (2016-17)						
Branch	General	OBC	SC	ST	DASA	Total
ECE	2	6	3	0	0	11
CSE	2	6	2	1	0	11
ME	2	7	1	1	0	11
Total	6	19	6	2	0	33

Branch Wise Ph.D. Admission (2016-17)						
Branch	General	OBC	SC	ST	DASA	Total
AS	05	00	00	00	00	05
CSE	06	00	00	00	00	06
ECE	02	01	00	00	00	03
EEE	06	00	00	00	00	06
ME	02	00	00	00	00	02

### 4.3 Scholarships/ Assistanceship

NIT Delhi facilitates financial assistance to the B.Tech./M.Tech./Ph.D. students in the following ways funded by the various Ministries and Departments of Government of India.

S. No.	Name	About the Scholarship
1	Central Sector Scheme of Scholarships For College And University Students	This Scholarship has been introduced during XI Five Year Plan. The objective of the scheme is to provide financial assistance to meritorious students from weaker socio-economic background to meet a part of their day-to-day expenses while pursuing higher studies.
2	Top Class Education For Scheduled Tribe students	This is a Central Sector Scholarship Scheme for ST students introduced from the academic year 2007-08 with the objective of encouraging meritorious ST students for pursuing studies at Degree and Post Graduate level in any of the Institutes identified by the Ministry of Tribal Affairs for the purpose. Link: <a href="http://tribal.nic.in/Content/TopClassEducation.aspx">http://tribal.nic.in/Content/TopClassEducation.aspx</a>
3	Scheme of PMS, Book Banks and Upgradation of Merit of SC/ST Students.	The scheme covers professional, technical as well as non-professional and non-technical courses at various levels including correspondence courses covering distance and continuing education.





4	Merit-Cum-Means Scholarship For Professional and Technical Courses.	The objective of the scheme is to provide financial assistance to the poor and meritorious students belonging to minority communities to enable them to pursue professional and technical courses.  Link: <a href="http://www.minorityaffairs.gov.in/scholarship">http://www.minorityaffairs.gov.in/scholarship</a>
5	Post Matric/Pre Matric Scholarship For Students With Disabilities	These two schemes have been launched by the Department of Disability Affairs during the current Financial Year 2014-15. The objectives of the schemes are to provide financial assistance to the parents of students with disabilities for studying in the pre-matric level and post-matric level. The financial assistance includes scholarship, book grant, escort/reader allowance, etc. Number of scholarships to be granted every year is 46,000 for pre-matric level and 16,650 for post-matric level.  Link: <a href="http://disabilityaffairs.gov.in/content/page/pre-matric-and-post-matricsscholarship-for-students-with-disabilities.php">http://disabilityaffairs.gov.in/content/page/pre-matric-and-post-matricsscholarship-for-students-with-disabilities.php</a>
6	Scheme of Post Matric Scholarship	The Prime Minister's New 15 Point Programme for the Welfare of Minorities was announced in June, 2006. The objective of the scheme is to award scholarships to meritorious students belonging to economically weaker sections of minority community so as to provide them better opportunities for higher education, increase their rate of attainment in higher education and enhance their employability.  Link: <a href="http://www.minorityaffairs.gov.in/Postmetric">http://www.minorityaffairs.gov.in/Postmetric</a>  Link: <a href="http://socialjustice.nic.in/postmatsch.php">http://socialjustice.nic.in/postmatsch.php</a>
7	Central Sector Scholarship of Top Class Education for SC Students	The objective of this scheme is to promote qualitative education amongst SC students, by providing full financial support for pursuing studies beyond 12th class. The students whose total family income is up to Rs. 4.50 lakhs per annum are eligible for the scholarship.  Link: <a href="http://socialjustice.nic.in/topclass.php">http://socialjustice.nic.in/topclass.php</a>

### **M.Tech./ Ph.D.**

Students admitted to the M. Tech./Ph.D. Programmes will be considered for Scholarship assistantships, fellowships, etc. subject to the MHRD norms (vide. F.No.17-2/2014-TS.I dated 18th February, 2015).

For ME/M.Tech. Programmes		
1.	Qualifying Degree: B.E./B.Tech./BS/B.Des and GATE/ GPAT qualified	Rs.12,400/- (Both 1st and 2nd year and 5th year of Dual Degree Programmes) (Per Month)
For Ph. D Programmes (JRF/SRF)		
1.	Qualifying Degree: Graduate Degree in Professional Courses (BE/B. Tech./M.Sc equivalent) with valid GATE score above the prescribed cut off level/NET Qualification	Rs.25,000/-(Per Month)
2.	Qualifying Degree: Post Graduate Degree in Professional Courses (ME/M. Tech. or equivalent) with two years of research experience	Rs.28,000/-(Per Month)

## **4.4 RULES & REGULATIONS OF B.TECH. PROGRAMMES**

### **4.4.1. Registration**

#### **Batch 2012-2013 and Onwards**

- Every student is required to be present and register at the commencement of each semester on the day(s) fixed for and notified in the Academic calendar.

- Percentage attendance for all students will be counted from the date of commencement of the semester, irrespective of his/her date of registration. However, in case of I Year I Semester, attendance will be counted from date of admission into the Institute or date of commencement of class work, whichever is later.
- Registration for all courses in the first two semesters is organized centrally.





- From the third semester onwards, the registration will be organized departmentally under the supervision of the Head of the Department.
- A Student who does not register on the day announced for the purposed may be permitted, in consideration of any compelling reason, late registration within the next week on payment of additional late fee as prescribed by the Institute from time to time. Normally no late registration shall be permitted after one week from the scheduled date.
- After registration in each semester, each student should collect a registration sheet, which indicates the courses registered by him/her in that semester, signed by the faculty advisor. The student should carry this registration sheet for all the examination in that semester. This sheet serves the purpose of hall ticket for appearing for the examinations in that semester.
- If a student finds his/her load heavy in any semester, or for any other valid reason, he/she can drop some courses within three weeks from the commencement of the class work in the semester with the written approval of his/her Faculty Advisor and Head of the Department, with and intimation to Dean-Academics.
- Only those students will be permitted to register who have:
  - i. Cleared all the Institute's and Hostel's dues of the previous semester.
  - ii. Paid all required fees for the current semester, and
  - iii. Not been debarred from registering for the specified period on disciplinary or any other ground.

A student can register for a backlog subject either for (i) Study or for (ii) Examination. In case of study his/her previous marks/grades are cancelled and will have to attend all classes and examinations along with next Batch of students. Major changes in the time-table shall not be entertained to accommodate backlog students. In case of registration for examination, he/she need not attend the classes, but will appear only for the end-semester examinations or make-up examinations as and when they are conducted. In such a case, the student shall be awarded only P Grade, if he/she gets 35% or more marks in the End Semester/ Makeup examination. Backlog students registering for Study or Examinations have to submit an undertaking

that they will not change the status of their registration in the subject during the Semester.

#### 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 2012-2013 and Onwards

There are no restrictions for promotion from odd semester to even semester.

- From I Year to II Year: To be able to register in the Second Year I Semester, a student should have completed with P 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 I year and (ii) passed, with P or better Grade, at least 30 credits in II Year I Semester, Second 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 I Year, II Year and (ii) passed, with P or better Grade, at least 30 credits in III Year I Semester, II Semester and make up examinations put together.

##### 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.

### Sports Fest: Zeal 2017

**Sports Club** NIT Delhi organized its Annual Inter Branch Tournament i.e. **ZEAL 17** in various games like Football, Volleyball, Cricket, Basketball, Throwball, Badminton, Table Tennis, Chess, Carrom, Kabaddi and Athletics for the students of the college under the supervision of Dr. Anidev Singh (Students Activity & Sports Officer). A huge number of around 300 students participated in the events and showed immense interest and enthusiasm towards sports. The event was marked with an opening ceremony on 15th February 2017 in which all the students took an oath of sportsmanship followed by Pyramid formation and Aerobics performance by 1st year students and the event was declared open by the Honourable Director NIT Delhi. There were matches on 15th and 16th Feb in different sports and the finals of all sports took place on 17th February 2017 followed by the prize distribution function. From this edition of ZEAL we have introduced Best Player Trophy in each sports to motivate students to push harder and perform in a competitive spirit. All the teams performed well and participated with great zeal and zest and also with great sportsmanship. Gold and Silver Medals with Certificate of Merit were distributed to the Winners and Runners-ups. The overall Championship Trophy was bagged by Electronics & Communication Engineering (ECE) department for the first time in the history of ZEAL.



### International Day of Yoga



As part of worldwide observation of International day of Yoga, National Institute of Technology Delhi celebrated 2nd International day of Yoga under the supervision of Dr. Anidev Singh (Students Activity & Sports Officer) on 21st June 2016 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.

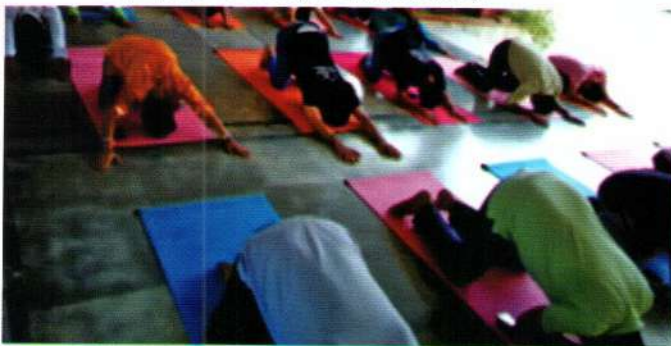




The event was attended with full enthusiasm by faculty, staff, and students along with other members including participants from NILERD and some under privileged children, presided over by Director NIT Delhi.



A Yoga expert from Art of Living organization 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.



The session followed the protocol for International Yoga Day. It started with the prayer to enhance the benefits of practice followed by loosening practises or warming up exercises such as neck bending, neck rotation, trunk movement & twisting to name a few. The event proceeded with Yogasanas, which were divided into standing, sitting and lying (Prone/supine) postures. These were followed by breathing exercises including kapalbharti, nadishodhan, sheetal pranayams. Further towards the end, meditation along with sankalpa and shanti path.



#### 5.1.1 Outdoors Sports Facilities (Boys & Girls)

S.No	Outdoor Games	Facility Available
1.	Football	Flood lights available
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
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 at boy's hostel

### 5.2 Sports Achievements At Inter - NIT's, IIT's and Universities Level

- 49 students of NIT Delhi participated in Inter Technology University Sports Association (ITUSA) tournament held at NIT Kurukshetra from 1-3 October 2016 in chess, football, basketball and volleyball.



- 44 students (boys and girls) participated in All India inter NIT Basketball (Men and women) and kabaddi (men and women) tournament held at MNIT Jaipur from 4th -8th November 2016 in which kabaddi girls secured 3rd place.



- 19 students of NIT Delhi participated in All India Inter NIT Cricket and Swimming tournament 2017, held at NIT Rourkela from 27th -30th January 2017.
- Successfully organised annual inter branch tournament ZEAL 2017, from 15th-17th February 2017 in sports like cricket, football, volleyball, basketball, throwball, kabaddi, badminton, table tennis, chess, carom, and athletics. Over 200 students participated in various sports and events.
- A team of 14 students participated in All India Inter NIT Athletics, Bodybuilding and Power lifting tournament held at NIT Kurukshetra from 6th -8th march 2017 in which NIT Delhi won one silver and one bronze medal in powerlifting.



- A team of 12 students participated in All India Inter NIT Volleyball tournament held at NITK Surathkal from 17th -19th March 2017.



- Various teams such as cricket, basketball, kabaddi, chess, table tennis and athletics participated in the Annual National level Sports fest "AAHVAAAN" organised by Delhi Technological University (DTU) Delhi from 24th -26th March 2017 in which NIT Delhi won one Silver medal in athletics.





- Our sports team performed brilliantly under the guidance of Dr. Anidev Singh (Students Activity & Sports Officer) and won total 11 medals including 3 GOLD 4 SILVER & 4 BRONZE Medals in the Annual Sports Fest TWARAN -17 of IIITM Gwalior held from 31st March-2nd April 2017.



## 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 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	Package	No. of Offers
1.	SmartPrix	19	1
2.	Samsung R&D Delhi	14	2
3.	Pervacio	12.15	4
4.	BookMyShow	10	3
5.	Samsung R&D	8.822	2
6.	Oxigen	8	2
7.	MAQ Software	7	3
8.	Impact Analytics	7	2
9.	Axtria	6.8	8
10.	Opera Solutions	6.6	2
11.	Deloitte	6.2	8
12.	Capgemini	6	18
13.	TRAI	6	1
14.	Aakash Institute	5.616	1
15.	Pradan	5.3	2
16.	L&T Construction	5.11	4
17.	Yamazn	5.1	3
18.	Sapient	5.05	12
19.	mSupply	5.01	2
20.	Nagarro	5	4
21.	Intellect Design	5	8
22.	NPCL	5	2
23.	Fidelity	4.75	12
24.	TPDDL-ECE	4.5	2
25.	Tata Power Delhi Distribution (PPO)	4.5	1
26.	Tata Power Delhi Distribution	4.5	4
27.	L&T Infotech	4.18	7
28.	TCS(M.Tech.)	3.5	3
29.	Infosys(M.Tech.)	3.5	2
30.	TCS	3.33	19
31.	Infosys	3.25	15



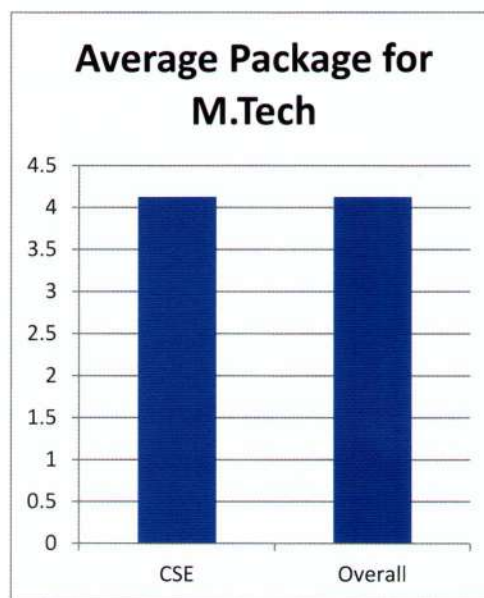
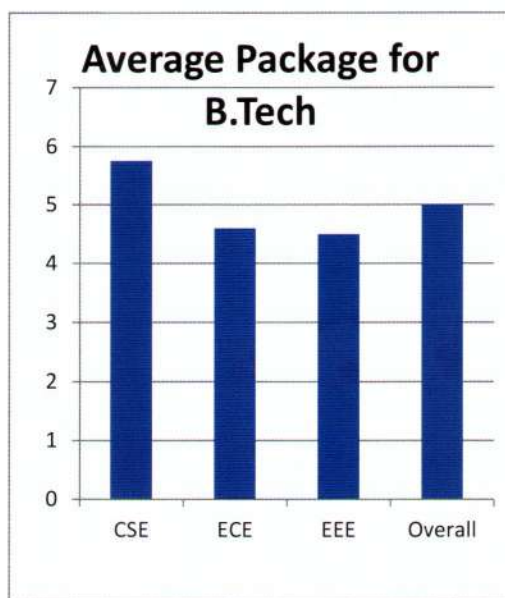


### Percentage of Placed Students (Programme Wise):

Programme	Placed	Eligible	% age placed	No. of Offers	Offer %age	Average Package
B.Tech.	98	117	83.76%	149	1.273504	5.01
M.Tech.	6	19	31.58%	10	0.526316	4.125

### Average CTC in Lakhs (2013-17):

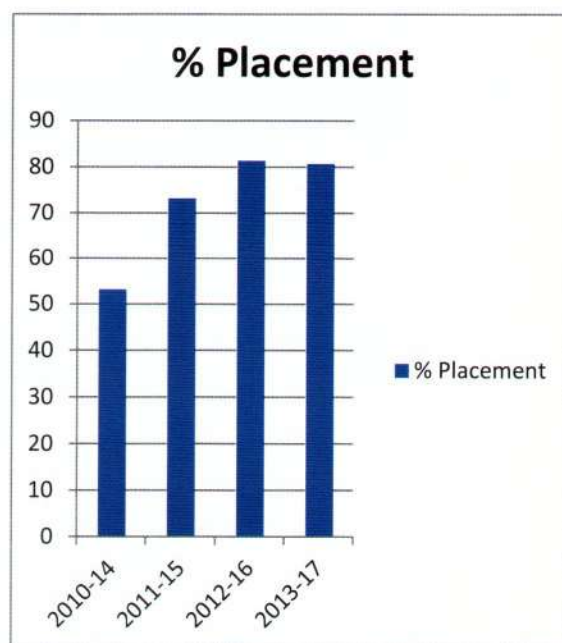
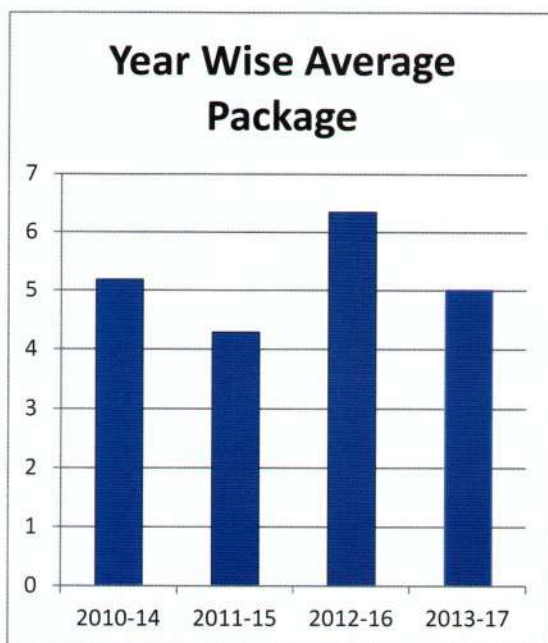
Programme	Branch	Average Package	Programme	Branch	Average Package
B.Tech	CSE	5.75	M.Tech	ECE	0
B.Tech	ECE	4.60	M.Tech	CSE	4.125
B.Tech	EEE	4.50	M.Tech	Overall	4.125
B.Tech	Overall	5.01			



### Year Wise Comparison:

Batch	2010-2014	2011-2015	2012-2016	2013-2017
Average Package	5.19	4.29	6.35	5.01
No. of offers	46	67	80	149
No. of offers above 6 IPA	11	5	31	56
No. of companies visited	17	19	29	31
% placement	53.2	73.2	81.36	80.67





#### 6.1 Industrial Visits:

- Geo-data Processing and Interpretation Centre provided the students of NIT Delhi with an excellent opportunity for exposure to data storing & managing techniques and corporate culture by inviting us to ONGC Academy Dehradun. A total of 28 enthusiastic students were addressed at the Conference Hall of GEOPIC. The students were informed about the HR practices, leadership development programme, industry academia interface that promotes awareness on importance of data storing and management centers in India, industrial processes and exploration techniques employed by upstream Oil Industry. The students were demonstrated with different types of data storing techniques which can be accessed from different parts of the country. GEOPIC is the pioneer and best in the country in terms of quality. The students were content with the amount of information being provided to them.
- Co-Cubes Assessment Test: The Institute makes efforts to groom the personalities of the students by facilitating them with periodic aptitude tests aiming to develop strategic thinking, decision making, leadership and team building qualities along with efforts to reduce stress and improve the intelligent quotient.

#### 6.2 Practical Exposure and Skill Development

Research Scholars' Day: National Institute of Technology Delhi organised third edition of research scholars' day on 9th December, 2017, in association with Rohde & Schwarz, Balaji Enterprises and Mars Communication. This registration free event succeeded to provide a forum for demonstrating the latest research findings and exchanging the ideas of research, development and knowledge among the different research groups and faculties of all departments. This event comprised of oral and posters presentations along with expert talk and concluded with prize distribution to the winners.



Prof. Chandra Shakher from Indian Institute of Technology Delhi was the chief guest and Dr. Sanjay Yadav, Senior Principal Scientist, National Physical Laboratory, New Delhi was the guest of





honour for the event and Prof. Vipul Rastogi, IIT Roorkee during post lunch session, delivered an expert talk.

### 6.3 Social Activities:

- **Alumni Meet:** The Alumni meet program, held on the eve of 6th September 2016, was a memorable night for all the pass out students. The occasion made enough room to reignite the emotional roll, the memories the alumni shared amongst themselves, and will cherish for a lifetime. Following the prayer the show blasted off with various cultural events. The floor was hit by one on one dance solos with a mix of Bollywood and Western dance forms. With the alumni cheering their favourite dancers in their time and the recognizable faces. There was a fusion of Bollywood, modern hip hop and, robotics. The dance gave the audience a lot to expect further in the evening. A mesmerising performance by two volunteers singing "Can you lift me up!", instilling a captivating aura. It was a song asking for a helping hand of a teacher, gratitude that every Alumni had for their mentors and teachers, guiding in every way in order to lift their student's up in life.



Everybody's eyes were on the stage when the girls of second years danced to the throbbing beats of "Nagada" and left behind the taste of "Sugar".

The elaborate dresses, music and the dancing was all that the audience could have waited for. The shadow via the spotlight had its own impact to the performance, pouring energy into everybody watching the dance.

Later the time for "Stage for the Alumni", the host interacted with the alumni, asked them about their

lives after college and requested them to showcase their passion.



And yet another engrossing performance by the dance club hit the stage to a new level. The fast movements, the techniques stupefied the audience.



The performance commenced by a group song by the music club which took us to a melodious period. Our Honorable Director Sir addressed the Alumni delightfully and wished them good luck for their future endeavors.

The Alumni rendezvous four years of memories was beautifully portrayed by the dramatics club. There's no program without a dramatic element in it. It was a perfect description of a student's life in college, the lectures, the fun and frolic, the exam preparation mode, the results mode and the life after college, the yearning to be able to live those four years of college all over again.

- **Swachhta Pakhwara (November 1-15, 2016):** Swachhta Pakhwara (November 1-15, 2016) activities under the supervision of office of Dean





(Student Welfare) with a C “**Massive Engagement of Students**” as laid down by the Ministry of HRD. The following activities were undertaken:

- **November 10, 2016: Slogan Writing Competition on “Cleanliness and Enviroment”** for students of NIT Delhi. A large number of students participated in this competition and made slogans on “Swachhta aur Paryawaran”.



- **November 15, 2016: “Massive Swachhta Workshop” at Govt. School Bankner (Delhi).** In this programme, a group of faculty/staff members and students conducted a very well-planned and well-executed event starting at 8 am sharp in the school. We first addressed and motivated a gathering of 1000 students of the school about and then our students presented poems and a Street-play on Cleanliness/Environment. Thereafter, a Painting Competition was organised at the school for approx. 40 talented students of the school. Then, approx. 100 students of the school along with a couple of their teachers led by us and our students conducted a Swachhta Jagrukta Rally in Bankner village. Our students presented a Nukkad Natak at the Chaupal of the vlilage followed by the conclusion of the rally back at the Govt. School Bankner.



Our students and faculty/staff members worked in combination and that was indeed an event to remember for all of us.

- **Swachhta Pakhwara** (Cleanliness Fortnight): September 1-15, 2016

The institute observed **swachhta Pakhwara** (Cleanliness Fortnight) on September 1-15, 2016. Following is the summary of the programmes/ events being undertaken during the **Swachhta Pakhwara**.

राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली  
NATIONAL INSTITUTE OF TECHNOLOGY DELHI

स्वच्छ भारत  
एक कदम स्वच्छता की ओर

**स्वच्छता पखवाड़ा - 2016**  
1<sup>st</sup> - 15<sup>th</sup> सितंबर, 2016  
**Cleanliness Programme Fortnight - 2016**  
1<sup>st</sup> - 15<sup>th</sup> September 2016

- **Essay Writing Competition: Theme: Swachh Bharat Mission: How much we progressed since its launch, Language: Hindi/English.**





A large number of students participated in the competition and expressed their views on the progress made by our nation since the launch of *Swachh Bharat Mission*. The students also outlined the future directions that may be followed for more outcome from this important scheme of the Government of India.



- **Swachh Day** on September 9, 2016: Dedicated to a comprehensive cleaning of the faculty/head/dean/accounts/establishment/Director offices, laboratories, stores, and other locations in the institute.







- **Cleanliness Painting Competition on September 12, 2016:** Dedicated to motivate the students and faculty/staff members to express their concern/important of Cleanliness in the campus and the surroundings
- **Cleanliness Drive in the Students' Hostels on September 13-14, 2016:** Four hostels of the NIT Delhi will be cleaned by the students, faculty members, and hostel staff.
- **Cleanliness Drive in and around the outdoor locations of NIT Delhi premises on September 2016:** The fortnight will be concluded with the above cleanliness drive in the campus premises.
- **National Unity Week:** The National Institute of Technology (NIT) Delhi celebrated the "**Rashtriya Ekta Saptah** (National Unity Week)" during October 31, 2016 to November 6, 2016 under the joint supervision of offices of Dean (Academic) and Dean





(Student Welfare). During this week, a number of events and activities were carried out. The week started on October 31, 2016 (Birthday of Sardar Patel) with the Unity Run in which a large number of students participated with great enthusiasm.



On the following days of above week, the singing competition (Theme "Unity"), slogan writing competition, and a couple of essay writing competitions were organized. In these competitions also, the students participated in large number.

### Singing Competition:

#### 1st Prize:

Prithvish Banerjee, B.Tech. ECE 3rd Year

#### 2nd Prize:

Jigmat Paljor, B. Tech. EEE 3rd Year



### Slogan Writing Competition:

#### 1st Prize:

Kirti Jain, B. Tech. CSE 3rd Year

### 2nd Prize:

D. Poornima, B. Tech. ECE 2nd Year



### Essay Writing Competition on "Relevance & importance of Sardar Patel in today's India"

1st Prize: Rishab Kumar Bhardwaj, B.Tech. EEE 2nd Year

2nd Prize: Aryan Singh, B.Tech. EEE 2nd Year

### Essay Writing Competition on "Character and contribution of Sardar Patel"

1st Prize: Aryan Singh, B.Tech. EEE 2nd Year

2nd Prize: Swati Sharma, B. Tech. ECE 4th Year

The Unity week ended on November 6, 2016 with a lot of success and conveyed its message of "Being United" among all students and employees of the institute.

- Following orders of the Government of India, on behalf of National Institute of Technology, Delhi a team of 6 students went to Bankner, Narela on 11th January, 2017 in order to raise awareness about the recently initiated trend of cashless transactions among local traders. Following the initiatives of our esteemed Prime Minister Mr. Narendra Modi to build a cashless society, we spoke to various local traders and spoke to them about the various forms of online transactions which they could avail in order to avoid the problems they were facing due to the recent phenomena of demonetization in the country. Most of the traders although being aware about cashless transaction apps like paytm, netbanking, e-banking, etc. were reluctant to use them as they feared cyber frauds and also there were many misconceptions in their minds about these apps. Our first objective was to clear these misconceptions and also provide them with all the necessary information about these apps. Also, there were few traders who were completely unaware



about these cashless transaction methods and seemed quite surprised when we told them about these options. One thing on which all traders agreed unanimously was that their business had suffered tremendously due to the recent phenomena of demonetization and if these cashless transaction methods could save their business, they were more than willing to use them. Also, many of them didn't know how to use apps like paytm so, we had to make small transactions in front of them in order to teach them how to use these apps. Overall, it was a highly enjoyable experience for us and also it is our personal belief that such initiatives can be highly fruitful in building a better nation for tomorrow. Many more such initiatives should be encouraged in order to make the society aware about recent technological developments and their benefits.



- Independence Day Fortnight: The celebrations of Independence Day Fortnight started at NIT Delhi with An Essay Writing Competition on August 11, 2016 (Thursday). The competition was organized in the NIT Delhi Auditorium on August 11, 2016 at 4 pm on following theme:

**Theme: "Way to Development for all"**



The competition was open for both Hindi and English languages and was organized under the supervision of Chairman (Cultural Club) and Convener (Cultural Club), NIT Delhi. A large number of undergraduate as well as postgraduate students participated in the competition with full enthusiasm to showcase their writing skills and their knowledge of facts related to the above theme. A maximum of 45 minutes time (600-800 words) was allowed for the students to complete their essay on the above theme. While evaluation by a committee of faculty members, it was observed that the students had shown a great amount of awareness and acquaintance with the related facts and historical background. There was great competition among the essays and, finally, the following were declared the front-runners in the Essay Writing Competition:

1. Swati Sharma (B. Tech. ECE Final year): Winner
2. Karan Jha (B. Tech. CSE 1<sup>st</sup> year): Runner-up





The event was a definite success and achieved its true objective of invoking the feelings of patriotism and nationalism among the students of the Institute.

- **Independence Day Celebrations:** The 70<sup>th</sup> Independence Day of the Nation was celebrated on August 15, 2016 with great enthusiasm and dynamism in the lawn of National Institute of Technology, Delhi.



The above programme gives a glimpse of the patriotic vibes propagating across the whole gathering. Faculty and research scholars also came to the stage and presented the patriotic poetry, songs, and speeches.



The Event witnessed a large gathering consisting of faculty members, students, technical and non-technical staff members of the institute. The event started with the flag hoisting by Hon'ble Director in the presence of

The whole programme left everyone immersed in true colours of nationalism and patriotism.

The Hon'ble Director addressed the gathering and motivated all of us to work for the nation without



any fear or favour. He inspired students to keep on excelling and becoming the flag-bearers of our nation's development saga.



- **Solo Singing Competition (Patriotic Songs only)**

A Solo Singing Competition was organized on August 15, 2016 in NIT Delhi Auditorium at 10 am. The students from all years sang the patriotic songs and that was a "full of heart" performance from all of them.

**1<sup>st</sup> Prize** was awarded to **Rashad Mubarak (B. Tech. EEE Final year)** who sang a melodious patriotic song "*Ae Mere Pyaare Watan*" and one of the students accompanied him on Guitar. So was the intensity in his singing that each and every one present there got entirely engrossed and it filled everyone's heart with boundless love for the motherland.



**2<sup>nd</sup> Prize** was awarded jointly to **Abha Khinoo (B. Tech. CSE 3<sup>rd</sup> year)** for her song "*Bekhauf Azad hai Jeena Mujhe*" and **Kaushiki (B. Tech. CSE 1<sup>st</sup> year)** for her song "*Ae Mere Watan Ke Logon*". Both of them sang very passionately and reminded us about the sacrifices made by our army men to save our nation from foes and the importance of living in a free nation.



- **Kabaddi Match:** Sport is another form of integrating themasses. So, after the cultural programme, a Kabaddi match was organized in Football ground on August 15, 2016 at 11.15 am. The match was played between **B. Tech. 3<sup>rd</sup> year students' team** and **B. Tech. 4<sup>th</sup> year students' team**. Whole gathering witnessed a close battle, though with full spirit of sportsmanship, between two teams. In the end, it was the B. Tech. 3<sup>rd</sup> year team who emerged winner by a fair margin. Everyone enjoyed the game and it proved to be a perfect finish to the Independence Day celebrations.



- **Independence Day Fortnight Closing Ceremony:** On 23<sup>rd</sup> August 2016, the Institute celebrated the Closing Ceremony of Independence Day fortnight. The above programmes saw a huge participation from students, faculty members, and staff members of the institute. Apart from debate competition (details in the next section), the various cultural programmes such as a short play on national theme, group dance on women empowerment, and a duet song by the students of our institute. All the programmes were witnessed by a full house in the Auditorium.





The Hon'ble Director then addressed the gathering with his extraordinary oration and also inaugurated the "Start-up Centre" of NIT Delhi on this proud occasion.



The Hon'ble Director gave away the prizes to the winners and runners-up of Essay writing competition (August 11, 2016), Solo singing competition (August 15, 2016), Kabaddi match (August 15, 2016), and Debate competition (August 23, 2016). Convener, Cultural Club, Dr. Anidev Singh anchored the prize distribution ceremony.



- **Debate Competition:** A Debate Competition was organized in the NIT Delhi Auditorium on August 23, 2016 at 3.30 pm on following theme:





### Theme: Could we understand the true meaning of Independence?

As many as 7 students participated in the debate and expressed their views and thoughts on the above theme. Their views were quite revolutionary in the sense that each and every one of them was passionate to do something for the country and to ensure the real freedom for all in our great nation. The facts presented by them were truly impressive.

After yet another close fight, the following front-runners emerged:

**Swati Sharma (B. Tech. ECE Final year): Winner**

**Ajay Kumar Meena (B. Tech. EEE 2<sup>nd</sup> year): Runner-up**



This event was also a huge success in the sense that it could provoke the thought process among the audience, especially students, to put their efforts towards true independence for all.

- **Volleyball Match:** At the very end of the Freedom Fortnight celebrations, a Volleyball match was organized on August 23, 2016 at 5.15 pm. The match was played between B. Tech. 3<sup>rd</sup> year students' team and B. Tech. 4<sup>th</sup> year students' team. Once again a very close battle was witnessed and no team was in a mood to leave an inch of their ground. In the end, it was once again the **B. Tech. 3<sup>rd</sup> year team** who emerged winner by a fair margin. Everyone enjoyed the game and it proved to be an impeccable finish to the 15 days' long Freedom fortnight celebrations.



- **Constitution Day:** Since November 26, 2016 (Constitution Day) was a holiday in the institute, therefore, the same was observed on November 25, 2016 (Friday) as per MHRD guidelines. In this week, the end-semester examinations were being conducted so undergraduate students' participation was very limited. However, the institute's faculty members, officers, staff members, and postgraduate research students participated in full strength. The main activities were: Since November 22, 2016:
  - Display of "11 Fundamental Duties" at all main locations/notice boards of the institute in the form of banners in Hindi and English.
  - On November 25, 2016:
    - Reading of the Preamble to the Constitution;
    - Reading of the fundamental duties as enshrined in Article 51A of the Constitution;
    - Citizen's Pledge towards constitution were carried out in all academic and administrative departments/sections of the institute.

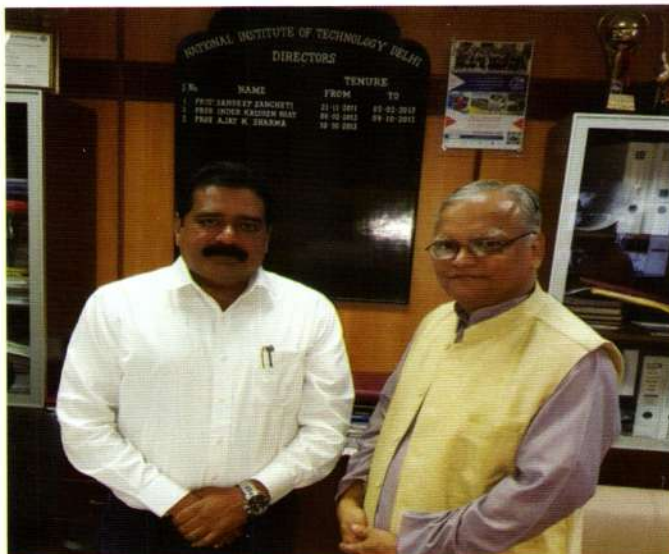


- **Hindi Pakhwada:** Hindi Cell of National Institute of Technology Delhi organized Hindi Pakhwada on





dated 14 to 28 September, 2016. This Pakhwada was inaugurated on the occasion of "Hindi Day", i.e., 14th September, 2016. On this occasion, Prof. Rajendra Prakash, Department of Hindi, Delhi University was the chief guest. Prof. Ajay Kumar Sharma, Director, National Institute of Technology Delhi, Dr. Anuj Kumar Sharma, Dean (Student Welfare) and Dr. Vinay Shankar Pandey, Chairman, Hindi Cell were present on this occasion.



A special lecture was also organized on 23 September 2016, on the topic of "Utility of Hindi in Technical Education", for which Shri Atul Kothari, Secretary, Education Culture Uplift Trust, Saraswati Bal Mandir, New Delhi was invited as a key speaker. The closing ceremony was held on September 28, 2016. All the programs were organized in the Auditorium of the institute.

#### 6.4 Arts and Cultural Activities

- **Cultural Fest- Saptrang 2017:** The cultural fest "Saptrang", held on 20<sup>th</sup>-21<sup>st</sup> January 2017, was a kaleidoscope of cultural events. The two day extravaganza created memories lasting a lifetime, with flavours of Delhi's college life.

The fest started with the inauguration ceremony. The ceremony began prayerfully with Saraswati Vandana and lighting of the lamp. The Chief Guest, Director General of Software Technology Parks of India, Dr. Omkar Rai was felicitated by our Honourable Director Sir. Following the felicitation of our Honourable Director sir, by the Dean Student welfare Dr. Anuj Sharma. The audience was then addressed by Agrima, the convener of Saptrang 2017. The fest was declared open by the Honourable Director sir and the Chief Guest was requested to address the audience.

The beauty of classical dance came to life when Ms. Navisha performed. From the lands of Ladakh, a dance was performed by Jigmat and group. The ceremony was reunification of culture, art, music, dance and dramatics.



- **Aaroh:** The solo/duet singing competition was the very first event of Saptrang. The participants came from various colleges inside of Delhi. With melodious crescendo, beautiful voices echoed all



through the evening. The contestants were judged on the quality, vocal range, improvisation and stage presence. The competition was the focal point of the crowd with loud cheering and humming to the tunes of Indian and Western music.



- **Monoact:** Following Aaroh the next event conducted was Monoact. Participants came from various colleges of Delhi to showcase their extraordinary talents. Total 8 participants were there and each one of them depicted various emotions very effectively, covering various genres of drama and received overwhelming response from the audience. The auditorium was filled and each performance was very much appreciated. The event ended with the hope to see more such talents in future.
- **Strokes:** Just stroke it out. Is an arts event, a theme was given and participants have to showcase their creative talent. The event was also conducted online. The event was a huge success.
- **Runway:** The day commenced with an instilling event Runway. Having no fashion society in NIT Delhi, it hosted the very first fashion event Runway. The show provided an opportunity to the students of various college/ schools to celebrate the event with the eminent personalities of fashion industry.

The various themes highlighted during the Show were cinema, Geometry, best out of waste. The elaborate dresses, music and the dancing was all that the audience could have waited for. The shadow via the spotlight had its own impact to the performance, pouring energy into everybody.



- **Goonj:** The second day started with Goonj street play. It was held in the football ground of NIT Delhi campus. Total three teams participated in the event in which two teams were from outside our college. The event started with high enthusiasm of the participants as well as the audience. The teams showcased their talents with confidence, enthusiasm and bold voices which are the very essence of the street play. All the teams conveyed various social messages with their highly creative scripts. The event ended smoothly and audience dispersed from there with a heart warming feelings.





- **Mural Painting:** Alongside these events the arts took over the place. Mural painting- mural is a very famous kind of painting especially in African nations.

People geared up in teams of 2-3, to showcase their creative talent by painting a pot.

- **Razzmatazz:** Razzmatazz also known as the battle of bands was indeed a successful event. The event was held on 21st January 2017 at 2:30 pm. There was indeed a mass participation from colleges across Delhi-NCR region. There were a total of 6 bands participating. Each band was given a time limit of 10 minutes for their performance.

Mrs Tripti Sharma from The PanditzStudio, who was the external judge for the event provided a 2 hour recording session for the winning band and 1 hour recording session for the first runner up.

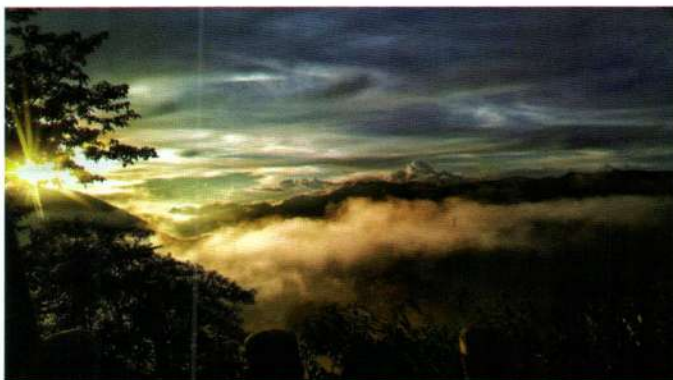


- **Spotlight:** Spotlight aka the solo/duet dance was indeed a successful event. The event was held on 21st January 2017. There was indeed a mass participation from colleges across Delhi-NCR region. There were a total of around 9 participations. Each individual was given a time limit of 5 minutes for their performance. The performances were of various themes from hip hop to free style to classical.
- **Breakfree:** Following spotlight the event was commenced with the event Break free- group dance. There was indeed a mass participation from colleges across Delhi-NCR region. There were a total of around 14 teams participating in the event. Each team was given a time limit of 10 minutes for their performance. The performances were of various themes but were mainly western, hip hop and freestyle. The engrossing performances by the dancers created a captivating aura. In all the event was a great success.



- **PARALLAX Online photography event:** "Photography is the story I fail to put into words." Saptrang'17, in association with Clairvoyance - NIT Delhi Photography Club and Delhi College of Photography organised "PARALLAX". This event encouraged creativity and talents across the country. We welcomed photographers who blended divergent thinking in their photography. Based on the theme **\*NATURE\***, we received 108 entries and displayed amidst a huge crowd on our Saptrang's Facebook. From all those wonderful entries, based on the Facebook likes and judging by our experienced professors with interest in wildlife photography selected top 3 entries.





- **Short Film Making:** The Short Film making competition was a chance to prove by producing your very own short film. We welcomed cinematographers who blended divergent thinking in their films. We received many entries and displayed amidst a huge crowd on our Saptrang's Facebook Page.
- **Star Night:** The fest commenced with a bang. The Sabr band a unique blend of various cultures and genres lifted the audience off their feet. The music and the dance were all that the audience could have waited for. Following the excitement, Rishab Tiwari delved his audience with his melodious voice as the evening comes to an end.



## 7.0 RESEARCH AND DEVELOPMENT

### 7.1 Ph.D. Programs- Existing and Proposed

- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Applied Sciences
- Mechanical Engineering
- Humanities & Management

### 7.2 Proposed Plan for 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
- Image Enhancement
- 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 semiconductor nanostructures for optoelectronic devices
- Optical communication
- RF Energy Harvesting, Antenna design





### Applied Sciences:

- Hydrodynamic Stability, Ferro hydrodynamics, Nan 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
- 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 Carbene 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)

### 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 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.

As a vogueish beginning, the institute has also arranged for the M. Tech. student (ECE) final year thesis work in collaboration with industry partners. Efforts are on to have more such collaborative joint student thesis work with leading government R & D institutes in the following academic sessions. Similar plans are also being designed for the research scholars.

### 7.3 Laboratory Developed

- **Computer Lab III: Tyrone camerero SS2R0T3R-34, Computer Workstations**
- **Electrical machines lab:**

Digital oscilloscope ,4-channel ,500MHZ

DC power supply, single output, dual range: 0-15V,7A,0-30V,4A 105/120W

Portable Moving Coil DC Voltmeter

Type: PORT MSSB1, Range: 0-150/300Volt, scale: Dual, Mounting :-Plastic Case Make: AE

Portable Moving Coil DC Voltmeter

Type: PORT MSSB1, Range: 0-300Volt, scale: Single, Mounting: Plastic Case Make: AE

Portable Moving iron AC Voltmeter

Type: PORT MSB3, Range: 0-500 Volt, scale: single, Mounting :-Plastic Case, Make: AE

Portable Moving iron AC Voltmeter

Type: PORT MSB3, Range: 0-300/600 Volt, Scale: Dual Mounting : Plastic Case, Make: AE

Portable Moving iron AC Voltmeter

Type: PORT MSB3, Range: 125-250-500V, scale: Triple Mounting :-Plastic Case, Make: AE

Portable Single phase UPF (.2 to 1 PF) Wattmeter

Type: single phase wattmeter, Model:- PORT LSDW -2 DPDC Potential Coil:- 150-300 Current Coil :- 5-10 ampere scale: dual Mounting :-Plastic Case, Portable Single

phase UPF (.2 to 1 PF) Wattmeter

Type: single phase wattmeter, Model:- PORT LSDW -2 TPDC, Potential Coil:- 150-300-600, Current Coil :- 2.5-5 ampere, scale: Triple Mounting :-Plastic Case

Portable Single phase UPF (.2 to 1 PF) Wattmeter

Type: single phase wattmeter, Model:- PORT LSDW -2 TPDC, Potential Coil:- 150-300-600, Current Coil :- 5-10 ampere, scale: Triple, Mounting :-Plastic Case

Portable Single phase UPF (.2 to 1 PF) Wattmeter

Type: single phase wattmeter, Model:- PORT LSDW -2 TPDC, Potential Coil:- 150-300-600, Current Coil :- 10-20 ampere, scale: Triple, Mounting :-Plastic Case

Portable Single phase LPF (up to .2 PF) Wattmeter

Type: single phase wattmeter, Model:- PORT LSDW -2 TPDC, Potential Coil:- 150-300-600, Current Coil :- 2.5-5 ampere, scale: Triple, Mounting :-wooden case

Portable Single phase LPF (up to 0.2 PF) Wattmeter

Type: single phase wattmeter, Model:- PORT, LSDW -2 TPDC, Potential Coil:- 150-300-600, Current Coil :- 5-10 ampere, scale: Triple, Mounting :- wooden case

Portable Single phase LPF (up to 0.2 PF) Wattmeter

Type: single phase wattmeter, Model:- PORT, LSDW -2 TPDC, Potential Coil:- 150-300-600, Current Coil :- 10-20 ampere, scale: Triple, Mounting :-wooden case

Portable Three-Phase UPF (UPF to 0.2 PF) Wattmeter

Type: Three phase wattmeter, Potential Coil:- 300-600, Current Coil :- 5-10 ampere, scale: Dual, Mounting :-Plastic case

Portable three phase UPF (UPF to 0.2 PF) Wattmeter

Type: Three phase wattmeter, Potential Coil:- 300-600, Current Coil :- 10-20 ampere, scale: dual, Mounting :-Plastic case

Portable SINGLE PHASE LPF (upto to 0.2 PF) Wattmeter

Type: SINGLE phase wattmeter, Potential Coil:- 300-600, Current Coil :- 10-20 ampere, scale: dual, Mounting :-Plastic case

Portable SINGLE PHASE LPF (upto to .2 PF) Wattmeter

Type: SINGLE phase wattmeter, Potential Coil:- 300-600 Current Coil :- 5-10 ampere, scale: dual, Mounting :-Plastic case

Frequency meter

Type: Vibrating Reed Frequency meter, Model:- RFS 72, Range : 45-50-55 hz Scale: single, operating Voltage : 380-420 volt, Mounting :-Plastic case

Frequency meter

Type: LED type Frequency meter, Model:- RFS 72, Range : 45-50-55 hz, scale: single, operating Voltage : 380-420 volt, Mounting :-Plastic case





#### Synchronoscope

Type: Synchronoscope, Model:- SYN96M, frequency :- 50 hz, scale: single operating Voltage :110 volt (PT supply), Mounting :-Plastic case

#### Phase sequence indicator

Type: 3 phase sequence indicator, Model:- PSI96M, frequency :-25 hz - 50 hz, scale: single, operating Voltage :75-500 volt, Mounting :-Plastic case

#### Portable Moving Coil DC ammeter

Type: PORT SSSP -1, Range: 1 Ampere, scale: SINGLE, Mounting :-Plastic Case

#### Portable Moving Coil DC ammeter

Type: PORT SSSP -1, Range: 100 MILLI Ampere, scale: SINGLE, Mounting :-Plastic Case

#### Portable Moving Coil DC ammeter

Type: PORT SSSP -1, Range: 500/1000 MICRO Ampere, scale: DUAL, Mounting :-Plastic Case

#### Portable Moving Coil AC ammeter In Engg

Type: PORT SSSP -3, Range: .5/1 Ampere, scale: DUAL, Mounting :-Plastic Case

#### LOADING RHEOSAT- 3 PHASE 10 AMPERE

LOADING RHEOSAT- 1 PHASE 900HM 2.5 AMPERE

LOADING RHEOSAT- 1 PHASE 575 OHM 1.2 AMPERE

LOADING RHEOSAT- 1 PHASE 38 OHM 8.5 AMPERE

LOADING RHEOSAT- 1 PHASE 1500 OHM 1.2 AMPERE

INDUCTIVE LOAD 3 PHASE 10 AMPERE

DC motors ,alternator & 3 phase motor set, dc rectifier unit, fluke multimeter

- **IEEE Lab:** Electrical & Electronic System Trainer
- **Research Lab:** ni lab view academic software
- **Signals and System Lab:** matlab licence
- **Power system lab:** CYME SOTWARE
- **Simulation lab:** PSIM software -1 15 user licence
- **CAD/CAM Lab:** 3D Printer CUBEPRO dual head along with Toolkit, CubeGlueets.7kg.consumable material, ANSYS Academic Research Mechanical & CFD Version 17.2 Unlimited Nodes (25 Licenses)

## 7.4 Workshop Organized/ Attended:

The following workshops were organized in the Institute, detailed as under

S. No.	Name of Workshop/Conference	Organizer	Date
1	CNBC-Pulse the Venture Programme for granting seed grant to startups	CNBC/NIT Delhi	29/03/2017
2	Digital ways of Payment workshop for nearby villagers	NIT Delhi	March 2017
3	Hands on Training Workshop on COMSOL Multiphysics	NIT Delhi	10/08/2016
4	Flip Classroom Teaching Workshop	NIT Delhi in collaboration with Microsoft	15/03/2017

## 7.5 Expert lecture Organized/Delivered:

The following external expert talks organized in the institute:

S. No.	Department	External Experts Present	Date
1	CSE	Mr. Nitin Kumar and Mr. Alok Kumar Sahu <b>Topic:</b> Why is this the best time to launch a startup	5/10/2016

The following expert talks were delivered by faculty of the institute:

S. No.	Title of the Talk	Name of Faculty	Date/ Event
1	Game Theory and its applications	Dr. Anurag Singh	Short Term Course/ 24/03/2017/STC, MITS Gwalior
2	Recent Research trends in social media and network analysis	Dr. Anurag Singh	Short Term Course/26/03/2017/ STC, UIET Punjab University, Chandigarh





3	Social Network Analysis	Dr. Anurag Singh	Short Term Course/ 17/02/2017/ STC, Dronacharya Group of Institutions, Greater Noida
4	Different Transforms in Signals & Systems	Dr. Rajiv Kumar Tripathi	Invited Speaker/ 12/02/2016/ Rustamji Institute of Technology, BSF Academy, Tekanpur Gwalior M. P
5	Different Initialization Techniques for K-Means algorithms	Dr. Rajiv Kumar Tripathi	FDP/ 14/07/2016/ Recent Trends on Pattern Analysis and Machine Learning at Delhi Technological University Delhi
6	Emerging trends in Computer and Electronics Communication	Dr. Rajiv Kumar Tripathi	FDP/ 09/03/2017/ Ambedkar Institute of Advanced Communication Technologies and Research Delhi
7	Analytical Models for Transistor Lasers with Quantum Wells and Dots in the Base	Dr. Rikmantra Basu	10/05/2016/ EMN Light Matter Interactions Meeting, Singapore
8	Electrical Drives for Electric Propulsion of Ships	Dr. Anmol Ratna Saxena	24-29 April 2017/ Continuing Education programme (CEP) on Electric Ship Propulsion' at Centre of Excellence (Marine Engineering), INS Lonavala, Indian Navy
9	Power Quality for Reliable Electric Power Supply System	Dr. Anmol Ratna Saxena	17-21 Dec, 2016/ Advance Trends in Reliability Solutions for Engineering Applications at Rajasthan Technical University, Kota
10	Fuzzy Modelling & Control	Dr. Pankaj Mukhija	09.02.2017/ Workshop on Computational Intelligence Techniques

## 7.6 Journal and Conference Papers Published:

- Naveen Gupta, Anurag Singh, Hocine Cherifi, "CEntality measures for networks with community structure", Physica A: Statistical mechanics and its applications vol no. 452, Pg. 46-59, 2016
- Nonita Sharma, Ajay K Sharma, "Cost Analysis of hybrid adaptive routing protocol for heterogeneous wireless sensor networks", Sadhana Springer India, Vol 41, Pg. 283-288, 2016
- Nonita Sharma, Ajay K Sharma, Kumar Shashvat, "H-SIR: Heterogeneous source initiated reactive protocol for wireless sensor networks", IJCA Proceedings on national symposium on modern information and communication technologies for Digital India, Vol. 41, Pg. 12-15, 2016
- Shailza Kanwar, Manoj Sachan, Gurpreet Singh, "N grams Solution for error detection and correction in Hindi Language", International Journal of Advanced research in Computer Science, Vol. 8, 2017
- Kumar R., Darak S. J., Sharma A. K. and Tripathi R. K., "Two-stage decision making policy for opportunistic spectrum access and validation on USRP testbed", Wireless Networks, Vol. Pg. 1-15, Nov 2016.
- Mishra R., Jha V., Tripathi R. K. and Sharma A. K., "Energy Efficient Approach in Wireless Sensor Networks Using Game Theoretic Approach and Ant Colony Optimization", Wireless personal communications, Vol 95(3), Pg. 3333-3355, Feb. 2017
- Anuj K Sharma, Jyoti Gupta and Rikmantra Basu, "Simulation and Performance Evaluation of Fiber Optic Sensor for Detection of Hepatic Malignancies in Human Liver Tissues", Journal: Optics and Laser Technology, Elsevier, (IF: 2.109). vol. 98, 2017, pp. 291-297, 2017, [Doi: 0.1016/j.optlastec.2017.08.009]
- Bratati Mukhopadhyay, Gopa Sen, Rikmantra Basu, Shyamal Mukhopadhyay and Prasanta Kumar Basu, "Prediction of Large Enhancement of Electron Mobility in Direct Gap Ge<sub>1-x</sub>Sn<sub>x</sub> Alloy", Physica Status Solidi B, Wiley, (IF: 1.22), pp. 1700244 (1-7), [Doi: 10.1002/pss.b.201700244] 2017
- Ankit Kumar Pandey, Anuj K Sharma and Rikmantra Basu, "Fluoride Glass based Surface Plasmon Resonance Sensor in Infrared region: Performance Evaluation", Journal of Physics D: Applied Physics, (IF: 2.588)., vol. 50 pp. 185103 (6), 2017
- Vedatrayee Chakraborty, Swagata Dey, Rikmantra Basu, Bratati Mukhopadhyay And P. K. Basu, "Current Gain And External Quantum Efficiency Modeling Of GeSn Based Direct Bandgap Multiple Quantum Well Heterojunction Phototransistor",





Journal Of Optical And Quantum Electronics, (If: 1.055), Vol. 49:125, Pp. 1-13, 2017.

- Dur Vesh Kumar, Ankit Kumar Pandey, **Rikmantra Basu**, Anuj K. Sharma, "Simulated Characteristics of a Heterojunction Phototransistor with Ge<sub>1-x</sub>Sn<sub>x</sub> Alloy as Base", Optical Engineering - SPIE, (IF: 1.082). vol. 55(12) pp. 127103, 2016.
- Chang G. E., **Rikmantra Basu**, B. Mukhopadhyay and P. K. Basu, "Design and Modeling of GeSn-based Heterojunction Phototransistors for Communication Applications", IEEE Journal of Selected Topics in Quantum Electronics, (IF: 3.971), vol. 22(6), pp. 8200409, 2016 [Doi: 10.1109/JSTQE.2016.2553447].
- Goel T, Nehra V and Vishwakarma, "An Adaptive Non-symmetric Fuzzy Activation Function based Extreme Learning Machines for Face Recognition", Arab J Sci Eng, Springer, vol 42 no. 2 pg. 805-816, 2017
- Goel T, Nehra V and Vishwakarma, "An Efficient Classification based on Genetically Optimized Hybrid PCA-Kernel ELM Learning", International Journal of Applied Pattern Recognition, vol. 3, no. 3, Pg. 241-258, 2016
- Goel T, Nehra V and Vishwakarma, "Pose Normalization based on Kernel ELM Regression for Face Recognition", International Journal of Image, Graphics and Signal Processing, vol.9no.5, Pg. 68-75, 2017.
- Abhishek Vikram, Vineeta Agarwal and Anshul Agarwal, "Lithography Technology for Advanced Devices and Introduction to Integrated CAD Analysis for Hotspot Detection", *IET Circuits, Devices & Systems*, Vol. 11, Issue 1, Pg. 1-9, Jan 2017.

## 7.7 Research Project(s)

1.	Title of Project	:	Special Manpower Development Programme for Chips to System Design (SMDP-C2SD)
	Principal investigator (PI) / Co-PI	:	Dr. Ajay Kumar Sharma / Dr. Rajiv Kumar Tripathi
	Funding Agency	:	Department of Electronic Communications and Information Technology, Govt. of India
	Amount	:	Rs.16,95,000/-
2.	Title of Project	:	Development of Human Recognition System using Multimodal Biometrics
	Principal investigator (PI) / Co-PI	:	Dr. Rajiv Kumar Tripathi
	Funding Agency	:	NIT Delhi
	Amount	:	Rs.19,82,000
3.	Title of Project	:	Design of Electronics and Photonic Devices using Ge <sub>1-x</sub> Sn <sub>x</sub> 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/-
4.	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
	Funding Agency	:	SERB
	Amount	:	Rs.46,98,100/-
5.	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
	Funding Agency	:	DST/CCP/NCM/74/2017(G), Department of Science and Technology, Climate Change Programme-(Splice)
	Amount	:	Rs.50,79,040/-
6.	Title of Project	:	Multi-wavelength digital holographic microscopy or microscopic specimens
	Principal investigator (PI) / Co-PI	:	Dr. Gyanendra Sheoran
	Funding Agency	:	Seed grant, NIT Delhi
	Amount	:	Rs.10,00,000/-
7.	Title of Project	:	Periodic Mesoporous Organosilicas (PMOs) Supported Group 2 Metal Catalysts for various Organic transformation Reactions
	Principal investigator (PI) / Co-PI	:	Dr. Amit Pratap Singh





	Funding Agency	:	DST
	Amount	:	Rs.35,00,000/-
8.	Title of Project	:	Design and Synthesis of Porous Materials with Active Sites and their Application in Gas Storage and Catalysis
	Principal investigator (PI) / Co-PI	:	Dr. Amit Pratap Singh
	Funding Agency	:	SERB
	Amount	:	Rs.27,00,000/-
9.	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/-
10.	Title of Project	:	Stability and Convection in Magnetic Nanofluids
	Principal investigator (PI) / Co-PI	:	Dr. Amit Mahajan
	Funding Agency	:	CSIR
	Amount	:	Rs.16,00,000/-
11.	Title of Project	:	Linear and Nonlinear stability of penetrative convection in ferrofluids
	Principal investigator (PI) / Co-PI	:	Dr. Amit Mahajan
	Funding Agency	:	Seed Grant, NIT Delhi
	Amount	:	Rs.7,70,000/-
12.	Title of Project	:	Modeling and simulation of moored ship motion in paradip port under the resonance condition for multidirectional random waves
	Principal investigator (PI) / Co-PI	:	Dr. Prashant Kumar
	Funding Agency	:	SERB-DST, Government of India
	Amount	:	Rs. 18,02,240/-

## 8.0 BOG AND OTHER COMMITTEES

### Board of Governors

S. No.	Members	Designation
1	Prof. Sanjay Govind Dhande	Chairman
2	Prof. Ajay K Sharma, Director, NIT Delhi	Member
3	Joint Secretary (NITs) or his nominee	Member
4	Financial Advisor (MHRD) or his nominee	Member
5	Prof. A K Ghosh, Centre for Polymer Science and Engineering, IIT Delhi	Member
6	Prof. S.C. Dutta Roy, INSA Emeritus Scientist, IIT Delhi	Member
7	Dr. A.K Gupta, Former Director, IRDE	Member
8	Registrar, NIT Delhi	Secretary

### Finance Committee

S. No.	Members	Designation
1	Prof. Sanjay Govind Dhande	Chairman
2	Prof. Ajay K Sharma, Director, NIT Delhi	Member
3	Joint Secretary (NITs) or his nominee	Member
4	Financial Advisor (MHRD) or his nominee	Member





5	Prof. A K Ghosh, Centre for Polymer Science and Engineering, IIT Delhi	Member
6	Prof. S.C. Dutta Roy, INSA Emeritus Scientist, IIT Delhi	Member
7	Dr. A.K Gupta, Former Director, IRDE	Member
8	Registrar, NIT Delhi	Secretary

### Building & Works Committee

S. No.	Members Present	Designation
1	Dr. Ajay K. Sharma, Director, NIT Delhi	Chairman
2	Nominated by the MHRD	Member
3	Dr. A.K Gupta, Ex Director, IRDE	Member
4	Dean (Planning & Development), NIT Delhi	Invited Member
5	Estate Officer, NIT Delhi	Invited Member
6	Registrar, NIT Delhi	Secretary

## 9.0 CENTRAL FACILITIES AND SERVICES

### 9.1 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.

### 9.2 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.





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.

#### 9.4 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).

#### 9.5 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.

#### 9.6 eOffice

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.

#### 9.3 Param Shavak - Super Computing Facility

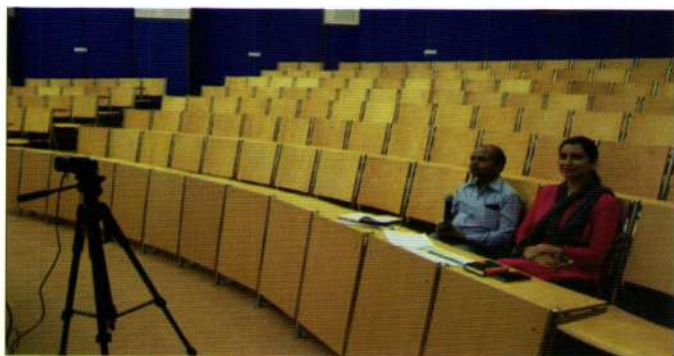






## 9.7 Video Conference

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



## 9.8 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.

#### 9.9 VoIP 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.



#### 9.10 Digital Notice Boards

NIT Delhi promises to uphold its concern for environment. For that, Digital Notice boards are installed at important locations in the Campus to update the news feed for students & Faculty alike.







### 9.11 Software & Hardware :

Following Software 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
10	Quick Heal antivirus	200 Users

### Hardware:

#### A. 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

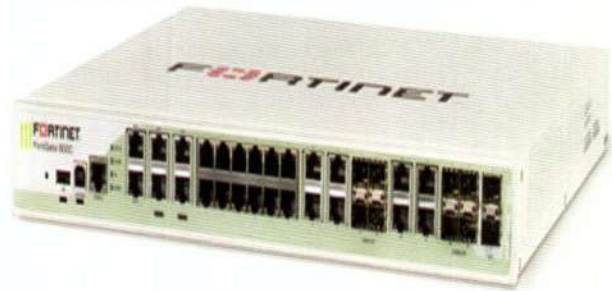
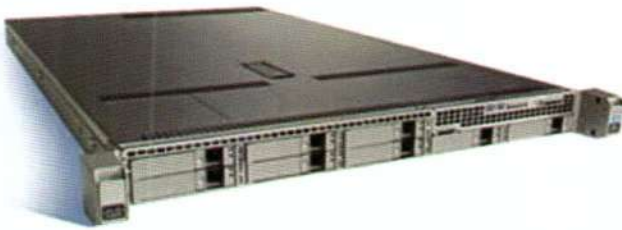




### High End Servers

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
6	Router	2911 Cisco	









### 9.12 NIT Delhi IT Infrastructure Usage Policy

NIT Delhi endeavors to provide all faculty, students and staff with a modern, fully networked computing and IT environment for academic use.

Users of NITD computing, networking and IT facilities are expected to abide by the following rules, which are intended to preserve the utility and flexibility of the system, protect the privacy and work of students and faculty/staff, and preserve our right to access the international networks to which the system is connected. In case of complaints, appropriate action to be taken will be decided and taken by the person in-charge of the facility in consultation with the Director, Dean of Planning & Development, Dean of Students Welfare and System Administrator as appropriate.

1. Faculty, staff, and students with authorized accounts may use the computing and IT facilities for academic purposes, official Institute business, and for personal purposes so long as such use does not violate any law, Institute policy or IT act of the Government of India, does not interfere with the performance of Institute duties or work of an academic nature (as judged by the NIT, Director), does not result in commercial gain or private profit other than that allowed by the Institute.
2. Users are expected to respect the privacy of other users and they may not allow any other person to use their password or share their account. It is the users' responsibility to protect their account from unauthorized use by changing passwords periodically and using passwords that are not easily guessed. Sharing of passwords for any purpose whatsoever is strictly prohibited. Users may share the required files through sharing software with proper ACL (Access control list).
3. Any attempt to circumvent system security, guess others' passwords, or in any way gain unauthorized access to local or network resources is forbidden. Users may not use another person's computing account, attempt to forge an account identity, or use a false account or e-mail address.
4. Transferring copyrighted materials to or from the NITD systems without express consent of the owner is a violation of international law. In addition, use of the internet for commercial gain or profit is not allowed from an educational site. If done so, it will be sole responsibility of the user.
5. Downloading and installing of new software has to be done with the explicit consent of the respective

facility in-charges. Installation of unlicensed software on NITD facilities, or on individual machines connected to the NITD network, is strictly prohibited.

6. Setting up of any facility requiring password transmission over clear text is prohibited.
7. To the extent possible, users are expected to use only their official email addresses provided by NIT Delhi for official communications with other members of the Institute.
8. It is forbidden to use electronic mail and other network communications facilities to harass, offend, or annoy other users of the network, including impeding their computing systems, software, or data. Chain letters are not allowed. Neither is any form of commercial advertising, or soliciting allowed. Spamming is strictly disallowed. Subscribing to mailing lists outside the Institute is an individual's responsibility. Subscribing someone else to any group outside NIT Delhi is illegal.
9. It is forbidden to send frivolous or academically unimportant messages to any group. Broadcast of messages to everyone in the system is allowed only for academic purposes and emergencies. Violations of this (as decided by concerned authorities) will result in immediate freezing of user's account for an extended period as determined by the authorities.
10. Shared email accounts for any purpose whatsoever are not allowed. Any special accounts, if need to be set up for conferences and other valid reasons as determined by the institute authorities, must have a single designated user.
11. Recreational downloads and peer to peer connections for recreational purposes are banned.
12. To the extent possible, users are expected to connect only to the official NITD Wi-Fi network for wireless access. Setting up of unsecured Wi-Fi systems on the NITD network is prohibited in accordance with a Government of India ban.
13. Users are expected to take proper care of equipment, and are expected to report any malfunction to the staff on duty or to the in-charge of the facility. Users should not attempt to move, repair, reconfigure, modify, or attach external devices to the systems.
14. NO FOOD OR DRINK is permitted in the laboratories. Smoking is strictly prohibited. Also making noise either through games/ music or even talking and/ or singing loudly is prohibited.





15. Playing of Games in Institute laboratories or using Institute facilities is strictly prohibited. Internet chat is also banned.
16. Display of offensive material (either on computer screens or through posters etc.) is strictly disallowed and serious action will be taken against offenders.
17. Violations of policy will be treated as academic misconduct, misdemeanor, or indiscipline as appropriate. Depending upon the nature of the violation, the institute authorities may take an action by issuing a warning through disabling the account. In extreme cases, the account may be completely deleted and/ or the user prohibited to access to IT facilities at NITD, and/ or sent to the Institute disciplinary action committee as constituted by the Institute authorities.
18. The policy may change as and when it is considered appropriate and new policies or the changes in policy will take effect immediately after a brief announcement by any means, e-mail, printed notices, or through the news groups.

#### Statement of Policy

All users of NIT, Delhi will be subject to the following  
**Acceptable Use Policy**

1. **[Content]** I shall be responsible for all use of this network. In case I own a computer and decide to connect it to NIT, Delhi network, I will be responsible for all the content on it, especially that which I make available to other users. (This provision will also apply to any computer or device for which I am responsible, and is included in the meaning of "my computer".) In case I do not own a computer but am provided some IT resources by NIT, Delhi, I will be held responsible for the content stored in the designated workspace allotted to me (examples: file storage area, web pages, stored/archived emails, on Computer Centre or Department machines).
2. **[Network]** I will be held responsible for all the network traffic generated by "my computer". I understand that network capacity is a limited, shared resource. I agree that physically tampering with network connections/equipment, sending disruptive signals, or making EXCESSIVE USE of network resources is strictly prohibited. Repeated offenses of this type could result in permanent disconnection of network services. I shall not share the network connection beyond my own use and will not act as a forwarder/ masquerader for anyone else.
3. **[Academic Use]** I understand that the IT infrastructure at NIT, Delhi is for academic use and I shall not use it for any commercial purpose or to host data services for other people or groups. Also, I shall not host or broadcast information that might harm others or may be otherwise considered objectionable or illegal as per Indian law.
4. **[Identity]** I shall not attempt to deceive others about my identity in electronic communications or network traffic. I will also not use NIT, Delhi IT resources to threaten, intimidate, or harass others.
5. **[Privacy]** I will not intrude on privacy of anyone. In particular I will not try to access computers (hacking), accounts, files, or information belonging to others without their knowledge and explicit consent.
6. **[Monitoring]** I understand that the IT resources provided to me are subject to monitoring, with cause, as determined through consultation with the NIT, Delhi administration, when applicable. The monitoring may include aggregate bandwidth usage to effectively manage limited IT resources as well as monitoring traffic content in response to a legal or law enforcement request to do so. I authorize NIT, Delhi administration to perform network vulnerability and port scans on my systems, as needed, for protecting the overall integrity and efficiency of NIT, Delhi network.
7. **[Viruses]** I shall maintain my computer on this network with current virus detection software and current updates of my operating system, and I shall attempt to keep my computer free from viruses, worms, Trojans, and other similar programs.
8. **[File Sharing]** I shall not use the IT infrastructure to engage in any form of illegal file sharing (examples: copyrighted material, obscene material). In particular, I have noted the following:  
  
Electronic resources such as e-journals, e-books, databases, etc. made available by the Central Library, NIT, Delhi are for academic use. These resources can be searched, browsed, and material may be downloaded and printed as single copies of articles as is done in the case of printed library material. Downloading or printing of a complete book or an entire issue or a volume of one or more journals (called systematic downloading) is strictly prohibited. Use of robots, spiders or intelligent agents to access, search and / or systematically



download from the e-resources is also prohibited. Any violation of this policy will result in penal action as per the rules and regulations of the Institute. I am aware that Systematic downloading will result in the publisher blocking the entire community of users at NIT, Delhi from accessing these resources.

9. **[Security]** I understand that I will not take any steps that endanger the security of the NIT, Delhi network. Specifically, I will not attempt to bypass firewalls and access rules in place. This includes not setting up servers of any kind (examples: web, mail, proxy) that are visible to the world outside the NIT, Delhi campus. In critical situations, NIT, Delhi authorities reserve the right to disconnect any device or disable any account if it believed that either is involved in compromising the information security of NIT Delhi.
10. **[Penalties]** I understand that any use of IT infrastructure at NIT Delhi that constitutes a violation of NIT Delhi Regulations could result in administrative or disciplinary procedures.

### 9.13 Laboratories

With the planned schedule of classes which is already underway, the laboratories are providing controlled conditions for conducting research, experiments and measurements. The laboratories at NIT Delhi are reservoirs of opportunity, energy, innovation and growth :

- Integrated Electronics and Communication Lab



- Electronic Design and Automation Laboratory



- Basic Electrical and Electronics Laboratory







- Physics Laboratory



- Chemistry Laboratory



- Computer Sciences Laboratory:

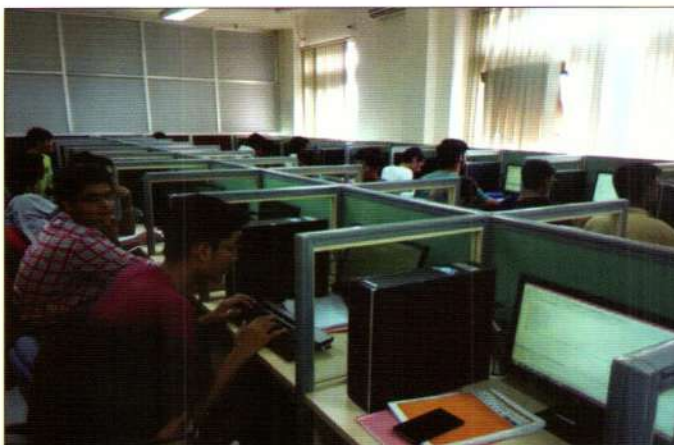
Two instructional labs with Lab 1- 32 Computers

Lab 2- 29 Computers

Lab 3- 10 Computers (PG Lab)



Computer Laboratory-I



CS355-Computer Networks Lab

**Computer Laboratory-II**







CS452-Component Based Computing Lab

## 9.14 Classrooms

### Massive Open Online Courses (MOOCs)

MOOCs are used for flip classroom teaching at NIT Delhi. It is aimed at unlimited participation and open access via the web. In addition to traditional course materials such as filmed lectures, readings, and problem sets, many MOOCs provide interactive user forums to support community interactions among students and faculty. MOOCs are a recent and widely researched development in distance education.



### Smart Classrooms

All the class rooms are equipped with the smart classrooms facilities including technological equipment that can be used to aid and enhance instruction of a course. The smart classroom features a smart podium with a touch panel control system, PC and laptop connection, projector, and screen.



## E-Governance

NIT Delhi has implemented e-office through e-Office premium product developed by NIC (National Informatics Centre). This will improve the functioning through more efficient, effective and transparent inter-government and intra-government transactions and processes.

### Other Best practices followed at NIT Delhi

- Academic automation (Student Management System)
- Library Automation with web kiosk
- 300 mbps High Speed connectivity in Campus including point-to-point connectivity to hostel buildings at RHCH Hostel and Kundli through OFC and WiFi
- Data Centre with 16 Tb storage and Fortigate Firewall
- Eduroam Facility to all the users of NIT Delhi
- Remote Access of research facilities of NIT Delhi through VPN Secure Campus with enabled IP Cameras.

## 9.15 Library

### Total Library Collection

The Library has a total collection of 14024 volumes (approx 1900 titles) inclusive of 4459 books in Book Bank category. The collection includes the text books, reference books and various competitive exams books etc. The total 1156 books were added to the library collection during the year 2016-17. The Library also have multimedia collection like CD's/DVD's/NPTEL Videos etc. (approx 1000 CD's/DVD's). Also, Library has around 53 Thesis which are submitted by the B.Tech./M. Tech. 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:

- All students, faculty members and staff 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.

The categories of members and their privileges are as follows:

#### Faculty and staff

S. No.	Member categories	Loan duration	Max. no. of books borrowed at a time
1	Faculty/Teaching Staff	6 months	10
2	Non Faculty Group A Staff	1 month	4
3	Non Faculty Group B/C staff	1 month	3
4	Other Staff of the Institute	1 month	2





## Students/Research Scholars

S. No.	Member categories	Loan duration	Max. no. of books borrowed at a time
1	Ph.D.	1 month	5
2	M.Tech.	15 days	03+Book Bank*
3	B.Tech.	15 days	03+Book Bank*
*Apart from the General book circulation, the B.Tech. & M.Tech. students are provided Book Bank facility for entire semester.			

**Circulation Facility:** The Library provides circulation (Check-in/Check-out) service to all its members. During the year 2016-17 around 10,673 books have been transacted (Check-out/Renewed) to the users for reading/study purpose.

**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 2016-17. 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 20 magazines (18 in English and 2 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 09 (3 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.

**Document Delivery/Inter Library Loan:** Library provides document delivery service to the faculties and research scholars to support in their research and academic activities. Also if some document is not available in library, the same may be lent through Inter Library Loan (DELNET) from the other Libraries. Library staff initiates to help their user regarding the information requirement of the user to fulfill their purpose/need of the urgent piece of information or document.

**Internet:** Internet facility is provided centrally through Computer Centre.

**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:
  - Elsevier Science Direct
  - American Physical Society





- ACM Digital Library
- IEL Online (IEEE+IET)
- Springer Link (1400+ Journals)
- **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).
- **J-GATE Platform:** The Library has access to J-GATE platform under E-Shodh Sindhu Consortium. J-Gate is an electronic gateway to global e-journal literature. It provides seamless access to millions of journal articles available online offered by 13,202 publishers. It presently has a massive database of journal literature, indexed from 44,704 e-journals with links to full text at publisher sites.
- **DELNET (Developing Library Network):** is a resource sharing network which provides access to various Union Catalogues and several Electronic Databases.
- **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.

#### Number Of Activities Performed In Current Year

**Book Bank:** During the year around 59 Titles and 540 copies were added in the Book Bank Collection and circulated among the all the B.Tech./M.Tech. Students of SC/ST/OBC and General Category students.

**SC/ST Book Bank Cell:** A separate Book Bank Cell Committee is constituted for the SC/ST Students. The SC/ST Students had given privilege for taking Book Bank during this year and approx 90 SC/ST category

students out of 127 have taken Book Bank during Autumn Semester 2016 & 94 SC/ST category students out of 127 availed this facility in Spring Semester 2017.

**RFID Cards:** The Library printed and issued around 200 RFID cards (Institute ID cum Library cards) to all the newly enrolled Students of B.Tech./M.Tech./Ph.D. and all Teaching/Non Teaching Staff.

**Email Alert Facility:** Library has provided 'Email Alert Facility' throughout the year to its members. The library sends Check-In/Check-Out, Overdue, Reservation and other alerts to its members via Email/LIBSYS software on a regular basis.

**Book Reservation Facility:** During the year, the Library has initiated 'Book Reservation Facility' through which the student can reserve the Books from Library software (if all copy of the books are check out from the Library). With the help of this facility every user get chance to use the desired book and maximum utilisation of the library collection has been done. During the year 2016-17 approx 178 books has been reserved and circulated by the Library.

**Plagiarism Control on Thesis:** The Anti-Plagiarism software was procured during the year so that there can be originality check and Plagiarism control on the thesis submitted by the M.Tech./Ph.D. students to the Institute.

**Extension Facility:** Library hours are extended till 09:30 AM to 09:00 PM during Mid-Sem/End-Sem Exams of each semester.

#### 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.

##### 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.





### 9.16 Hostels

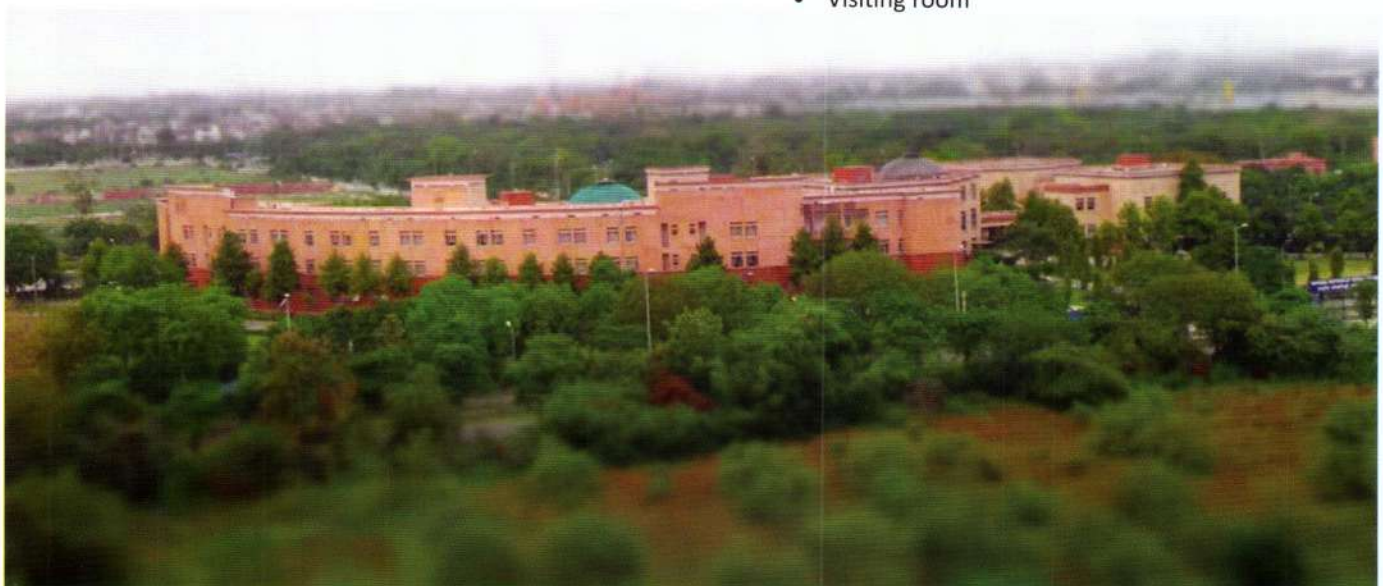
Hostel should be a comfortable place to stay where the students can have the feeling of home. NIT Delhi has separate hostel facilities for around 316 boys and 90 girls. NIT Delhi has two boys' hostels and two girls' hostel with all the facilities for boarding and other recreational activities. The hostels 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.



#### Facilities

Following are the other facilities provided in the hostels -

- Fully furnished and spacious rooms
- Free Wi-Fi and a computer room
- Visiting room



#### Hostels

- **Boys Hostel (2Nos.)**
  - 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
- 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
- LCD & TV Facility
- Facility of Water Coolers with RO







### Hostel Night/ Inter-hostel Competition

Hostel night/Inter-hostel competition was celebrated in the institute premises on 10th November 2017. Outdoors and Indoor games/ events competitions

were conducted in which students participated with full zeal and enthusiasm. A dance party was arranged for students to enjoy the music and have fun and recreation followed by dinner.



### Girls' Hostel 1 (YWCA women hostel, Rohini, Delhi)



Girls of the institute have been provided hostel facility at YWCA hostel Rohini. It provided all the residential facilities available to working women by YWCA society, new Delhi. Further, our students have been provided gaming facilities which include indoor as well as outdoor facilities. The Girls have access to nearby m-market, bus stop and metro station. Moreover, they

have been provided to and fro bus facility to the campus. Breakfast and dinner are available to the girl students at YWCA hostel while the lunch is provided to the girls students in the NIT Delhi campus, while on holidays or non academic days, it is provided at the YWCA hostel. Governance is done by YWCA under rules and regulation intimated by NIT Delhi from time to time.





# **PART - II**

## **Audit Report & Annual Account**

### **(2016- 2017)**





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

ए.एम.जी-IV/एस.ए.आर/एन.आई.टी./9-29/2017-18/

दिनांक: 19.12.17

सेवा में,

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

विषय : वर्ष 2016-17 के लिए राष्ट्रीय प्रोद्योगिकी संस्थान, नई दिल्ली के लेखाओं पर  
पृथक लेखापरीक्षा प्रतिवेदन

महोदया/महोदय

मैं, राष्ट्रीय प्रोद्योगिकी संस्थान, नई दिल्ली के वर्ष 2016-17 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 दशति 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 2016-17 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: यथोपरी

हस्ता -

निदेशक (ए.एम.जी-IV)





19 DEC 2017

दिनांक: 19.12.17

✓ ए.एम.जी-IV/एस.ए.आर/एन.आई.टी./9-29/2017-18/1558

प्रति, प्रमाणित वार्षिक लेखे कि प्रति, उसके लेखापरीक्षा प्रतिवेदन तथा लेखापरीक्षा प्रमाणपत्र की प्रति सहित निदेशक, राष्ट्रीय प्रोद्योगिकी संस्थान, आई ए एम आर कैम्पस इंस्टिट्यूटेशनल 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: यथोपरी

निदेशक (ए.एम.जी-IV)

ए.एम.जी-IV/एस.ए.आर/एन.आई.टी./9-29/2017-18/

दिनांक: 19.12.17

प्रति, प्रमाणित वार्षिक लेखे कि प्रति, उसके लेखापरीक्षा प्रतिवेदन तथा लेखापरीक्षा प्रमाणपत्र की प्रति सहित प्रधान निदेशक (रिपोर्ट -ए.बी.), 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: यथोपरी

- हस्ता -

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 31 March 2017**

We have audited the attached Balance Sheet of the National Institute of Technology, Delhi as on 31 March 2017 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 Finance subject to comment No B.2.

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. Balance Sheet**

**A.1 Liabilities**

**A.1.1 Current Liabilities & Provisions (Schedule-3) Rs. 81.23 crore.**

(i) The above does not include provisions for retirement benefits such as leave encashment on the basis of actuarial valuation resulting in understatement of Current Liabilities & Provisions and overstatement of Capital Fund.

**B. General**

**B.1** The fact that the building is being constructed on a land not belonging to NIT has not been disclosed in accounts.





**B.2** Schedule 10 pertaining to the Grant/Subsidies has not been drawn. This is in contravention of format of accounts prescribed by MHRD.

**C. Grants-in-aid**

National Institute of Technology, Delhi received Plan grant-in-aid of Rs. 82.70 crore during 2016-17 out of which grant of Rs. 12.70 crore was received in the month of March 2017. It had an opening balance of grant in aid of Rs. 13.54 crore. Out of the total grant-in-aid of Rs. 96.24 crore it utilised Rs. 21.01 crore leaving an unspent balance of Rs. 75.23 crore.

**D. Management letter:** Deficiencies which have not been included in the Audit Report have been brought to the notice of the Director, National Institute of Technology, Delhi 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 2017; 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**

**Place: New Delhi**

**Date: 18.12.17**

  
**Director General of Audit  
Central Expenditure**





## **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 and closing balance of cash book was not certified by the Competent Authority.

### **3. System of physical verification of Assets**

The physical verification of Furniture and Fixtures and Computer and Accessories had been conducted up to 2016-17.

### **4. System of physical verification of inventory**

Physical verification of inventory (Books and Publications, Stationary and Consumables) had been conducted up to 2016-17.

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

As per accounts, no payments in respect of statutory dues were outstanding for more than six month as on 31.3.2017.





## NATIONAL INSTITUTE OF TECHNOLOGY DELHI

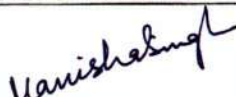
### Sector A-7 Institutional Area, Narela Delhi

### Balance Sheet as at 31.03.2017

		(Amount - Rs)	
SOURCES OF FUNDS	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1	370714025.00	254590267.00
DESIGNATED/EARMARKED/ENDOWMENT FUNDS	2	22281939.00	14047989.00
CURRENT LIABILITIES AND PROVISIONS	3	812341702.00	189891493.00
<b>TOTAL</b>		<b>1205337666.00</b>	<b>458529749.00</b>
<b>APPLICATION OF FUNDS</b>			
FIXED ASSETS			
Tangible Assets			
Intangible Assets			
Capital Works-In-Progress			
INVESTMENTS - FROM EARMARKED/ENDOWMENT FUNDS	4	179163976.00	142773810.00
Long Term	5	-	-
Short Term		-	-
INVESTMENTS - OTHERS	6	-	-
CURRENT ASSETS	7	900031545.00	296900411.00
LOANS, ADVANCES & DEPOSITS	8	126142145.00	18855528.00
<b>TOTAL</b>		<b>1205337666.00</b>	<b>458529749.00</b>
SIGNIFICANT ACCOUNTING POLICIES	23		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	24		



Accountant  
NIT Delhi



Asstt Registrar  
NIT Delhi



Director  
NIT Delhi



Date:-20.07.2017  
Place:-Delhi





**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31.03.2017**

(Amount - Rs.)			
INCOME	Schedule	Current Year	Previous Year
Academic Receipts	9	52863313.00	45203330.00
Grants/Subsidies		136351166.00	120623901.00
Income from Investments	11	5701922.00	10605514.00
Interest Earned	12	14265332.00	4221971.00
Other Income	13	10271804.00	9464778.00
Prior Period Income	14	1567700.00	2059.00
<b>TOTAL (A)</b>		<b>221021237.00</b>	<b>190121553.00</b>
<b>EXPENDITURE</b>			
Staff payments & benefit(Establishments Expenses)	15	54566610.00	48392378.00
Academic Expenses	16	4880759.00	2751266.00
Administrative and General Expenses	17	72450917.00	60839349.00
Transportation Expenses	18	6545278.00	4759461.00
Repair and Maintenance	19	2478836.00	4680244.00
Finance Cost	20	55720.00	61272.00
Depreciation	4	37397619.00	22969159.00
Other Expenses	21	0.00	355323.00
Prior Period Expenses	22	309525.00	1535874.00
<b>TOTAL (B)</b>		<b>178685264.00</b>	<b>146344326.00</b>
Balance being excess of Income over Expenditure		42335973.00	43777227.00
Balance being excess of Expenditure over Income		0.00	0.00
<b>BALANCE BEING SURPLUS/DEFICITS CARRIED TO CAPITAL/CORPUS FUND</b>		<b>42335973.00</b>	<b>43777227.00</b>
SIGNIFICANT ACCOUNTING POLICIES	23		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	24		

Accountant  
NIT Delhi

Asstt. Registrar  
NIT Delhi

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi








<b>NATIONAL INSTITUTE OF TECHNOLOGY DELHI</b> <b>Sector-A-7 Institutional Area, Narela, Delhi 110040</b> <b>RECEIPTS &amp; PAYMENTS ACCOUNTS</b> <b>FOR THE YEAR ENDED 31ST MARCH 2017</b>					
Receipts	CURRENT YEAR	PREVIOUS YEAR	Payments	CURRENT YEAR	PREVIOUS YEAR
<b>I Opening Balance</b>			<b>Expenses</b>		
(1) Cash Balance (Include Imprest)	154,258	655,340	a) Establishment Expenses	53,777,141	46,523,292
(2) Bank Accounts		-	b) Academic Expenses	4,698,740	3,559,846
In Schedule Bank	127,031,499	90,084,089	c) Administration Expenses	73,872,238	63,966,988
In Deposit Accounts	169,319,898	169,682,742	d) Transportation Expenses	6,621,112	4,133,886
<b>II Grant Received (Sch-3(c))</b>		-	e) Repair & Maintenance Expenses	2,717,432	4,968,425
---Grant From Central Government	835,500,000	171,500,000	f) Finance Cost	55,720	61,272
<b>III Academic Receipts</b>	55,899,975	47,825,128	g) Other Expenses		355,323
(b) Security Deposit from Students		-	h) Prior Period Expenses	309,525	1,535,874
---Hostel Security Deposit	734,500	630,000	<b>II. Payment Against Earmarked/Endowment Fund</b>		1,516,027
---Mess Security Deposit	730,000	630,000	<b>III. Payment Against Sponsored Projects</b>	1,885,478	2,950,239
---Security from Students	1,044,000	1,319,000	<b>IV. Payment Against Sponsored Fellowship and Scholarship</b>	3,694,164	551,127
<b>IV Receipts Against Earmarked/Endowment Fund</b>		-	<b>V. Investments and Deposit made</b>		-
---Institute Development Funds	2,941,000	2,204,000	a) Out of Earmarked/Endowments Funds		-
---Games Fund, Sports and Culture Funds	1,992,600	847,400	b) Out of Own Funds		-
---Students Aid and Welfare Funds Funds	523,731	437,405	<b>VI. Term Deposit with Schedule</b>		-
---Students Club	42,600	63,000			-
---Medical Funds	669,000	412,500	<b>VII. Expenditure On Fixed Assts and Capital</b>		-
---Library and Books Bank	1,344,000	1,132,800	a) Fixed Assets	68,267,652	93,010,011
---Industrial Training & Placement	893,250	422,250	b) Capital Works In Progress	5,520,133	-
---Alumni Association	244,800	185,000	<b>VIII. Other Payment Include Statutory Payment</b>		-
---Examination Funds	979,000	740,000	<b>IX. Refund Of Grants</b>		-
---Startup Fund	375,000	-	<b>X. Deposits &amp; Advance</b>	116,077,721	-
---Faculty Dev. Prog.	-	2,059	<b>XI. Other Payments</b>		-
---Tech Fest	417,971	332,400	Time Barred Cheque	22,474	5,015
<b>V. Receipts Against Sponsored Projects</b>	6,471,616	5,223,516	Payments of EMD	372,362	285,000
<b>VI. Receipts Against Sponsored Fellowship and Scholarship</b>		551,127	Payable to Students	99,800	-
<b>VII. Income On Investments</b>		-	Payments of Students Co-op Security	-	-
---Earmarked/Endowments Funds		9,137	Other Payments	99,357	1,416,145
---Other Investments		-	Payments of Library & Lab Security	-	308,000
			Payment of Statutory due (Net)	400,607	89,994





<b>VIII. Interest Received on</b>			<b>XII. Closing Balance</b>		
---Bank Deposit	6692741.00	10,469,933	a) Cash In Hand (Including the Imprest)	199,720	154,258
---Loan & Advance			b) Bank Balance		
---Saving Bank Accounts	11,007,128	4,221,971	In Schedule Bank	435,966,243	127,031,499
<b>IX. Investments encashed</b>			In Deposit Accounts	463,522,642	169,319,898
<b>X. Term Deposits with Scheduled Banks encashed</b>					
<b>XI. Other income (including Prior Period Income)</b>	12,179,254	9,545,528			
<b>XII. Deposits and Advances</b>	116,891	35,437			
<b>XIII. Miscellaneous Receipts including Statutory Receipts</b>					
<b>XIV. Any Other Receipts</b>					
Excess received from Students	183,909	435,449			
Received of EMD	255,300	387,793			
Time Barred Cheque		302,656			
Other Receipts		1,454,459			
Scholarship Payable	436,340				
Security Deposit Received					
<b>Total</b>	<b>1,238,180,261</b>	<b>521,742,119</b>	<b>Total</b>	<b>1,238,180,261</b>	<b>521,742,119</b>

  
Accountant  
NIT Delhi

  
Asstt Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







S.No.	Particulars	Amount(Rs.)
1	<b><u>Academic Receipts</u></b>	
	As per Income & Exp A/c	52863313 00
	Add Fee Outstanding during last year	94070 00
	Add-Excess Fee Received	
	Add Advance Received during the year	14178702 00
		67136085 00
	Less: Advance received during previous year	10639988 00
	Less: Fee Outstanding during the year	596122 00
	Balance To Receipts & Payments A/c	55899975 00
2	<b><u>Other Income</u></b>	
	As per Income & Exp A/c	11839504 00
	Add Advance Received during the year	1989750 00
		13829254 00
	Less: Advance received during previous year	1650000 00
	Balance To Receipts & Payments A/c	12179254 00
3	<b><u>Receipts Against Earmarked/Endowment Fund</u></b>	
	As per Sch-2	10422952 00
	Balance To Receipts & Payments A/c	10422952 00
	Payment against Earmarked/Endowment Fund	
	As per Sch-II	2189002 00
	Balance To Receipts & Payments A/c	2189002 00
4	<b><u>V.Receipts Against Sponsored Projects</u></b>	
	As per Sch-3(A)	6471616 00
	Balance To Receipts & Payments A/c	6471616 00
5	<b><u>Intt. Recd. On Deposits</u></b>	
	As per Income & Exp A/c	5701922 00
	Add Accrued of Last Year 2015-16	1968744 00
		7670666 00
	Less: Accrued during the year 2016-17	977925 00
	Balance To Receipts & Payments A/c	6692741 00
6	<b><u>EMD</u></b>	
	Opening Balance as on 01 04 2016	462323
	Add Recd. During the year	255300
	Less: Refunded during the year	372362
	Balance as per Sch-3 31 03 2017	345261
7	<b><u>Establishment Expenses</u></b>	
	As per Income & Exp A/c	54566610 00
	Add - Provision for the year 2015-16	4065153 00
	Add - Festival Advance 16-17	1800 00
		58633563 00
	Less: - Festival Advance 15-16	9000 00
	Less: - Provision for the year 2016-17	4847422 00
	Balance To Receipts & Payments A/c	53777141 00
8	<b><u>Academic Expenses</u></b>	
	As per Income & Exp A/c	4880759 00
	Add: - Provision for the year 2014-15	
	Less: - Payment Yet to be made to Creditors	-
	Add: - Prepaid Expenses 2016-17	
		4880759 00
	Less- Prepaid Expenses 2015-16	23800 00
	Less - Provision for the year 2016-17	158 219







	Balance To Receipts & Payments A/c	4698740 00
<b>9</b>	<b><u>Administration Expenses</u></b>	
	As per Income & Exp. A/c	72450917 00
	Add- Advances for the Year 2016-17	254625 00
	Add - Provision for the year 2015-16	4309010 00
	Add- Payment made to Creditors	9851209 00
	Add:- Prepaid Expenses 2016-17	150104 00
	Add:- Closing Stock	342940 00
		<hr/>
		87358805 00
	Less- Advances for the Year 2015-16	824678 00
	Less- Provision for the year 2016-17	3535012 00
	Less- Payment Yet to be made to Creditors	5975215 00
	Less- Prepaid Expenses 2015-16	2756906 00
	Less-Opening Stock	394756 00
	Balance To Receipts & Payments A/c	<hr/>
		73872238 00
<b>10</b>	<b><u>Transportation Expenses</u></b>	
	As per Income & Exp. A/c	6545278 00
	Add- Provision for the year 2015-16	866893 00
	Add:- Prepaid Expenses for the Year 2016-17	0 00
		<hr/>
		7412171 00
	Less - Provision for the year 2016-17	717311 00
	Less- Prepaid Expenses for the Year 2015-16	73748 00
	Balance To Receipts & Payments A/c	<hr/>
		6621112 00
<b>11</b>	<b><u>Repair &amp; Maintenance Expenses</u></b>	
	As per Income & Exp. A/c	2478836 00
	Add- Provision for the year 2015-16	
	Add:- Prepaid Expenses 2015-16	238596 00
	Balance To Receipts & Payments A/c	<hr/>
	Less- Prepaid Expenses 2016-17	2717432 00
		<hr/>
		2717432 00
<b>12</b>	<b><u>Intt. Recd. On Deposits</u></b>	
	As per Income & Exp. A/c	14265332 00
	Add: Accrued of Last Year 2015-16	0 00
		<hr/>
		14265332 00
	Less: Accrued during the year 2016-17	3258204 00
	Balance To Receipts & Payments A/c	<hr/>
		11007128 00







NATIONAL INSTITUTE OF TECHNOLOGY DELHI

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017

		(Amount - Rs)	
		Current Year	Previous Year
<b>CAPITAL FUND/CORPUS FUNDS:</b>			
<b>A</b>	Balance at the beginning of the year	179,867,115.00	73,265,283.00
	Add: Contributions towards Corpus/Capital Fund	-	-
	Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure	73,787,785.00	106,058,232.00
	Add: Assets Purchased out of Earmarked Funds	-	-
	Add: Assets Purchased out of Sponsored Projects where ownership vests in the institution	-	543,600.00
	Add: Assets Donated/Gifts Received	-	-
	Add: Other Additions	-	-
	<b>Total (A)</b>	253,654,900.00	179,867,115.00
<b>B</b>	Surplus/(Deficit) Opening Balance	74,723,152.00	30,945,925.00
	(Less): Excess of Expenditure over Income transferred from the Income & Expenditure Account	-	-
	<b>Add: Excess of Income over Expenditure transferred from the Income &amp; Expenditure Account</b>	-	-
	Excess of Academic Income over Academic Expenditure 47982554.00	-	-
	Others -5646581.00	42,335,973.00	43,777,227.00
	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	-	-
	<b>Total (B)</b>	117,059,125.00	74,723,152.00
	<b>Total (A+B)</b>	370,714,025.00	254,590,267.00

  
Accountant  
NIT Delhi

  
Asstt Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017

(AMOUNT -Rs)													
Schedule -2 Earmarked/Endowment Fund	Alumni Association	Industrial Training & Placement	Institute Dev. Fund	Library & Book Bank	Games, Sports and Culture Funds	Students Aid and Welfare Funds	Examination Funds	DASA Students funds	Students Club	Faculty Dev. Programme	Medical Fund	Tech Fest	Startup Fund
A													
a) Opening Balance	576000.00	533500.00	6520000.00	1642200.00	784434.00	527127.00	1184900.00	350000.00	270600.00	138478.00	1076660.00	44090.00	0.00
b) Addition during the year													
c) Income from Investments made of the Funds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d) Accrued interest on the Investments/Advance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
e) Interest on Saving Bank a/c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
f) Received During the Year	244800.00	893250.00	2941000.00	1344000.00	1992600.00	523731.00	979000.00		42600.00		660000.00	417971.00	375000.00
Total(A)	820800.00	1426750.00	9861000.00	2986200.00	2777034.00	1050858.00	2163900.00	350000.00	313200.00	138478.00	1745660.00	462061.00	375000.00
B													
Utilisation/Exp. Towards objects of the Funds													
g) Capital Expenditure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
h) Revenue Expenditure	0.00	291587.00	18000.00	9600.00	789573.00	76980.00	99713.00	0.00	194962.00	0.00	350265.00	253085.00	105237.00
Total B	0.00	291587.00	18000.00	9600.00	789573.00	76980.00	99713.00	0.00	194962.00	0.00	350265.00	253085.00	105237.00
Closing balance at the year end(A-B)	820800.00	1135163.00	9843000.00	2976600.00	1987461.00	973878.00	2064187.00	350000.00	118238.00	138478.00	1395395.00	208976.00	269763.00

*James G. J.*

Accountant  
NIT Delhi

*Manish Singh*

Asstt Registrar  
NIT Delhi

*[Signature]*

Director  
NIT Delhi



Date: 20.07.2017  
Place: Delhi





**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**  
**SCHEDULE 2A, ENDOWMENT FUNDS**

Amount in Rupees

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	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Accountant  
NIT Delhi

Asstt. Registrar  
NIT Delhi

Director  
NIT Delhi

Date:-20.07.2017

Place:-Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017

(Amount - Rs.)

		Current Year	Previous Year	
SCHEDULE 3 - CURRENT LIABILITIES AND PROVISIONS				
A. CURRENT LIABILITIES				
1 Deposits From Staff		0 00	0 00	0 00
2 Deposits from Students				0 00
-----Hostel Security		4964500 00	4230000 00	
-----Mess Security		4960000 00	4230000 00	
-----Library & Lab Security		122000 00	122000 00	
-----Students Co-op Security		39050 00	39050 00	
-----Security Deposit Students		6100000 00	5056000 00	
-----Tuition Fee Received in advance		14178702 00	10639988 00	
-----Hostel Rent Received in Advance		1989750 00	1650000 00	
-----Scholarship Payable		436340 00	0 00	
-----Excess Fee Received		183909 00	0 00	
-----Other payable to Students		849099 00	948899 00	26915937 00
3 Sundry Creditors				
a) For Goods	Annexure 'A'	5975215 00	9851209 00	
b) Others		0 00	0 00	9851209 00
4 Deposit-others(Including EMD, Security Deposit)	Annexure 'D'	345261 00	345261 00	462323 00
5 Statutory Liabilities (TDS GPF, WC Tax, CPF, GIS, NPS)				
a) Overdue		0 00		
b) Others	Annexure 'B'	947813 00	947813 00	1348420 00
6 Other current Liabilities				
a) Salary				
b) Receipts against Sponsored Projects	Sch-3A	8987181 00	6209729 00	
c) Receipts against Sponsored Fellowships & Scholarships	Sch-3B	0 00	0 00	
d) Unutilised Grants	Sch-3C	752255094 00	135394045 00	
e) Grants In Advance		0 00	0 00	
f) Time Barred Cheques		446300 00	468774 00	
g)Outstanding Exp	Annexure 'C'	9561498 00	771250063 00	9241056 00
TOTAL (A)			812341702.00	189891493.00
B. PROVISIONS				
1 For Taxation			0 00	0 00
2 Gratuity			0 00	0 00
3 Superannuation Pension			0 00	0 00
4 Accumulated Leave/Encashment			0 00	0 00
5 Trade Warranties/Claims			0 00	0 00
6 Others (Specify)			0 00	0 00
TOTAL (B)			0 00	0 00
TOTAL (A+B)			812341702.00	189891493.00

*Manee Gera*

Accountant  
NIT Delhi

*Manish Singh*

Asstt Registrar  
NIT Delhi

*AS*

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017

SCHEDULE - 3 (a) SPONSORED PROJECTS								
1 Sr. No.	2 Name of the Project	Opening Balance		5 Receipts/Recoveries during the year	6. Total	7 Expenditure during the year	Amount in Rupees	
		3 Credit	4 Debit				Closing Balance	
							8 Credit	9 Debit
1	NMEICT Awareness	1000000.00	0.00	0.00	1000000.00	0.00	1000000.00	
2	DST Projects Inspaire Faculty	878716.00		1724404.00	2603120.00	1670463.00	932657.00	
3	Dst Programme Nitd/dst/asch/02	532498.00	0.00	167502.00	700000.00	145583.00	554417.00	
4	SERB Project	867143.00	0.00		867143.00	577050.00	290093.00	
5	Project for development of Novel Metal	1000000.00	0.00		1000000.00	98291.00	901709.00	
6	Project for Linear and Non Linear Stability Analysis	226400.00			226400.00	82136.00	144264.00	
7	Special Man Power Development Project fund	1704972.00	0.00	0.00	1704972.00	107010.00	1597962.00	
8	MHRD Project	0.00	0.00	11180.00	11180.00	0.00	11180.00	
9	CSIR	0.00	0.00	590000.00	590000.00	570000.00	20000.00	
10	Project Stability and Convention In Magnetic Nanofluid	0.00	0.00	522500.00	522500.00	322509.00	199991.00	
11	SERB/ECR/2016/1141	0.00	0.00	3456030.00	3456030.00	121122.00	3334908.00	
	Total	6209729.00	0.00	6471616.00	12681345.00	3694164.00	8987181.00	

Accountant  
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NIT Delhi

Director  
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Place:-Delhi




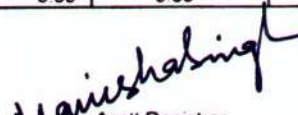




**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

<b>SCHEDULE 3 (b) SPONSORED FELLOWSHIPS AND SCHOLARSHIPS</b>						<u>Amount in Rupees</u>	
Sl No 1	2. Name of Sponsor	Opening Balance As On 01.04.2016		Transactions During the year		Closing Balance As On 31.03.17	
		3	4	5	6	7	8
		CR.	DR.	CR.	DR.	CR.	DR.
1	University Grants Commission						
2	Ministry						
3	Grant Received CISR	0.00	0.00	0.00	0.00	0.00	0
4	Grant Received (Mumbai)	0.00	0.00	0.00	0.00	0.00	
	Total	0.00	0.00	0.00	0.00	0.00	0.00

  
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Director  
NIT Delhi

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**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**

**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

**SCHEDULE 3(c) UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS**

	Amount in Rupees	
	Current Year	Previous Year
<b>A. Plan grants:</b>		
Balance B/F	135394045.00	213846178.00
Add: Receipts during the year		
Received during the year	827000000.00	141500000.00
Accrued but Not received	0.00	8500000.00
Total (a)	962394045.00	363846178.00
Less Refunds		
Less: Utilized for Revenue Expenditure	136351166.00	120623901.00
Less: Utilized for Capital expenditure	73787785.00	106058232.00
Less: Transferred to projects	0.00	1770000.00
Total (b)	210138951.00	228452133.00
Unutilized carried forward (a-b)	752255094.00	135394045.00
<b>B. UGC grants</b>		
Balance B/F	0.00	0.00
Add: Receipts during the year	0.00	0.00
Total (c)	0.00	0.00
Less Refunds	0.00	0.00
Less: Utilized for Revenue Expenditure	0.00	0.00
Less: Utilized for Capital expenditure	0.00	0.00
Total (d)	0.00	0.00
Unutilized carried forward (c-d)	0.00	0.00
<b>C, UGC Grants Non Plan Balance B/F Receipts during the year</b>		
Balance B/F	0.00	0.00
Add: Receipts during the year	0.00	0.00
Total (e)	0.00	0.00
Less Refunds	0.00	0.00
Less: Utilized for Revenue Expenditure	0.00	0.00
Less: Utilized for Capital expenditure	0.00	0.00
Total (f)	0.00	0.00
Unutilized carried forward (e-f)	0.00	0.00
<b>D, Grants from State Govt.</b>		
Balance B/F	0.00	0.00
Add: Receipts during the year	0.00	0.00
Total (g)	0.00	0.00
Less Refunds	0.00	0.00
Less: Utilized for Revenue Expenditure	0.00	0.00
Less: Utilized for Capital expenditure	0.00	0.00
Total (h)	0.00	0.00
Unutilized carried forward (g-h)	0.00	0.00
<b>*Grand Total (A+B+C+D)</b>	<b>752255094.00</b>	<b>135394045.00</b>

*Amesha*

Accountant  
NIT Delhi

*Vanish Singh*

Asstt Registrar  
NIT Delhi

*JS*

Director  
NIT Delhi



Date:-20.07.2017  
Place:-Delhi



NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017  
Schedule 4 Fixed Assets

(Amount-Rs)												
		Gross Block				Depreciation Block				Net Block		
S. No	Assets Heads	Cost as on 01.04.2016	Addition	Deductions	Total	Dep. Upto 31.03.2016	Add. During the Year	Deductions/ Adjustments	Rate of Dep.	Total Depreciation	Balance as on 31.03.2017	Balance as on 31.03.2016
1	2	3	4	5	6	9	10	12	11	13	14	14
1	Civil Works ( Additions and Alternation )	0.00			0.00	0.00	0.00		0.00	0.00	0.00	0.00
1												
a	Equipments											
1	Lab Equipments	14203402.00	5231322.00		19434724.00	2204867.00	1554778.00		8%	3759645.00	15675079.00	11998535.00
2	Lab Equipments for Dept of ECE	1465319.00	4955751.00		6421070.00	117226.00	513686.00		8%	630912.00	5790158.00	1348093.00
3	Lab Equipments for Dept of EEE	218628.00	4468557.00		4687185.00	17490.00	374975.00		8%	392465.00	4294720.00	201138.00
4	Equipments	377665.00	434762.00		4211427.00	302133.00	336914.00		8%	639047.00	3572380.00	3474532.00
b	Office & Office Equipments											
1	Air Conditions	3854724.00	2370748.00		6225472.00	739888.00	466910.00		7.5%	1206798.00	5018674.00	3114836.00
2	Biometric Machine	76781.00			76781.00	11518.00	5759.00		7.5%	17277.00	59504.00	65263.00
3	Blade Server	2961185.00			2961185.00	666267.00	222089.00		7.5%	888356.00	2072829.00	2294918.00
4	CCTV Camara	465958.00	550108.00		1016066.00	56548.00	76205.00		7.5%	132753.00	883313.00	409410.00
5	Camara	74853.00			74853.00	5614.00	5614.00		7.5%	11228.00	63625.00	69239.00
6	Coffee Machine	98438.00			98438.00	14766.00	7383.00		7.5%	22149.00	76289.00	83672.00
7	Digital Copier Machine	1500777.00	879795.00		2380572.00	247481.00	178543.00		7.5%	426024.00	1954548.00	1253296.00
8	Fogging Machine	31500.00			31500.00	7089.00	2363.00		7.5%	9452.00	22048.00	24411.00
9	Franking Machine	0.00	95000.00		95000.00	0.00	7125.00		7.5%	7125.00	87875.00	0.00
10	Gyser	523118.00	115426.00		638544.00	61296.00	42891.00		7.5%	109187.00	529357.00	461822.00
11	Grass Cutting Machine	40950.00	13500.00		54450.00	3071.00	4084.00		7.5%	7155.00	47295.00	37879.00
12	Kitchen Appliance	2057986.00			2057986.00	446512.00	154349.00		7.5%	600861.00	1457125.00	1611474.00
13	Lawn Remover	14175.00			14175.00	1418.00	709.00		5%	2127.00	12048.00	12757.00
14	Library Books	6594546.00	575747.00		7170293.00	1616335.00	717029.00		10%	2333364.00	4836929.00	4978211.00
15	Library Equipments	2816778.00			2816778.00	450684.00	225342.00		8.00%	676026.00	2140752.00	2366094.00
16	Media Player	180000.00	89250.00		269250.00	34500.00	20194.00		7.5%	54694.00	214556.00	145500.00
17	Microwaves	6900.00	14231.00		21131.00	1726.00	1057.00		5%	2783.00	18348.00	5174.00
18	Mobile Phone & Telephone Set	122850.00			122850.00	13523.00	9214.00		7.5%	22737.00	100113.00	109327.00
19	Motorsed Screen	88000.00			88000.00	19800.00	6600.00		7.5%	26400.00	61600.00	68200.00
20	Musical Instruments	100000.00			100000.00	10000.00	5000.00		5.00%	15000.00	85000.00	90000.00
21	Office Equipments	2313333.00	116438.00		2429771.00	586341.00	182233.00		7.5%	768574.00	1661197.00	1726992.00
22	Refrigerator	124500.00			124500.00	18916.00	9338.00		7.5%	28254.00	96246.00	105584.00
23	RO System	226510.00	33800.00		260310.00	36469.00	19523.00		7.5%	55992.00	204318.00	190041.00
24	Room Heaters	95201.00	94900.00		190101.00	14280.00	14258.00		7.5%	28538.00	161563.00	80921.00
25	Shredder Machine	172234.00	159975.00		332209.00	31961.00	24916.00		7.5%	56877.00	275332.00	140273.00
26	Television & LED	1052791.00	238465.00		1291256.00	181539.00	96844.00		7.5%	278383.00	1012873.00	871252.00
27	Telephone Sets	0.00	2099654.00		2099654.00	0.00	157474.00		7.5%	157474.00	1942180.00	0.00
28	Water Cooler	662994.00			662994.00	161673.00	49725.00		7.5%	211398.00	451596.00	501321.00
29	Web Camera	19265.00			19265.00	4496.00	1445.00		7.5%	5941.00	13324.00	14769.00
30	Sports Equipments	183986.00	640567.00		824553.00	17889.00	61841.00		7.5%	79730.00	744823.00	166097.00
31	Inverter	474552.00	84400.00		558952.00	35591.00	41921.00		7.5%	77512.00	481440.00	438961.00
c	Furniture, Fixture & Fittings											
1	Cooler	38100.00			38100.00	2858.00	2858.00		7.5%	5716.00	32384.00	35242.00
2	Electric Installation	647588.00	36918.00		684506.00	85309.00	51338.00		7.5%	136647.00	547859.00	562279.00
3	Exhaust Fan	98852.00			98852.00	19001.00	7414.00		7.5%	26415.00	72437.00	79851.00
4	Fire Extinguisher	60750.00	24300.00		85050.00	4556.00	6379.00		7.5%	10935.00	74115.00	56194.00
5	Furniture, Fixture & Fittings	28978396.00	5165188.00		34143584.00	5009465.00	2560769.00		7.5%	7570234.00	26573350.00	23968931.00
6	LED Light	363015.00	224951.00		587966.00	27226.00	44097.00		7.5%	71323.00	516643.00	335789.00
7	Porta Cabins	0.00	3272756.00		3272756.00	0.00	245457.00		7.5%	245457.00	3027299.00	0.00
8	Sign Board	166476.00	219072.00		385548.00	17661.00	28916.00		7.5%	46577.00	338971.00	148815.00
9	Tanker	0.00	131682.00		131682.00	0.00	9676.00		7.5%	9676.00	121806.00	0.00
d	Computer Peripherals											
1	Computer	1111021.00	2892286.00		22003307.00	7509303.00	4400661.00		20%	11909964.00	10093343.00	11601718.00
2	Printers	203402.00	820170.00		1723572.00	598151.00	344714.00		20%	942865.00	780707.00	305251.00
3	Projectors	2391501.00	0.00		1361501.00	841608.00	272300.00		20%	1113908.00	247593.00	519893.00
4	Network Equipments	22940248.00	95878.00		13036126.00	3470050.00	2607225.00		20%	6077275.00	6958851.00	9470198.00







6	UPS Battery	398003.00	165425.00	563428.00	233043.00	112686.00	20%	345729.00	217699.00	164960.00
7	Server	0.00	8214695.00	8214695.00	0.00	1642939.00	20%	1642939.00	8571756.00	0.00
	<b>Total (A)</b>	<b>111686251.00</b>	<b>44525717.00</b>	<b>156191968.00</b>	<b>25957138.00</b>	<b>17940960.00</b>	<b>0.00</b>	<b>43898098.00</b>	<b>112293870.00</b>	<b>85709113.00</b>





B Capital Works In Proress(B)	43234926.00	5520133.00		48755059.00	0.00	0.00	0.00	0.00	48755059.00	43234926.00
C Intangible Assets ( C )	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Software	20622506.00	13628619.00		34251125.00	9404494.00	13700450.00	40%	23104944.00	11146181.00	11218012.00
E-Journals	4314932.00	7987238.00		12302170.00	1725973.00	4920868.00	40%	6646841.00	5655329.00	2588959.00
E-Office	0.00	2022128.00		2022128.00	0.00	808851.00	40%	808851.00	1213277.00	0.00
Patents	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
License Fee Agreement	28500.00	0.00		28500.00	5700.00	5700.00	0.20	11400.00	17100.00	22800.00
Web Media Player	0.00	103950.00		103950.00	0.00	20790.00	20%	20790.00	83160.00	0.00
Total ( C )	24965938.00	23741935.00		48707873.00	11136167.00	19456659.00		30592826.00	18115047.00	13829771.00
Grand Total (A+B+C)	179867115.00	73787785.00		253654900.00	37093305.00	37397619.00	0.00	74490924.00	179163976.00	142773810.00

*namee*

Accountant  
NIT Delhi

*Hanishasingh*

Asstt Registrar  
NIT Delhi

*AS*

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







4 Network Equipments	12940248.00	95878.00	13036126.00	3470050.00	2607225.00	20%	6077275.00	6958851.00	9470198.00
6 UPS Battery	398003.00	165425.00	563428.00	233043.00	112686.00	20%	345729.00	217699.00	164960.00
7 Server	0.00	8214695.00	8214695.00	0.00	1642939.00	20%	1642939.00	6571756.00	0.00
Total (A)	111666251.00	44525717.00	156191968.00	25957138.00	17940960.00	0.00	0.00	43898098.00	112293870.00
B Capital Works in Proress(B)	43234926.00	5520133.00	48755059.00	0.00	0.00	0.00	0.00	48755059.00	43234926.00
C Intangible Assets (C)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Software	20078906.00	13628619.00	33707525.00	9187054.00	13483010.00	40%	22670064.00	11037461.00	10891852.00
E-Journals	4314932.00	7987238.00	12302170.00	1725973.00	4920868.00	40%	6646841.00	5655329.00	2588959.00
E-Office	0.00	2022128.00	2022128.00	0.00	808851.00	40%	808851.00	1213277.00	0.00
License Fee Agreement	28500.00	0.00	28500.00	5700.00	5700.00	0.20	11400.00	17100.00	22800.00
Web Media Player	0.00	103950.00	103950.00	0.00	20790.00	20%	20790.00	83160.00	0.00
Total (C)	24422338.00	23741935.00	48164273.00	10918727.00	19239219.00	0.00	30157946.00	18006327.00	13503611.00
Grand Total (A+B+C)	179323515.00	73787785.00	253111300.00	36875865.00	37180179.00	0.00	0.00	74056044.00	179055256.00

*[Signature]*

Accountant  
NIT Delhi

*[Signature]*  
Asstt Registrar  
NIT Delhi

*[Signature]*

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017  
Schedule 4 Fixed Assets

(Amount-Rs)												
		Gross Block				Depreciation Block				Net Block		
S. No.	Assets Heads	Cost as on 01.04.2016	Addition	Deductions	Total	Dep. Up to 31.03.2016	Add. During the Year	Deductions/ Adjustments	Rate of Dep.	Total Depreciation	Balance as on 31.03.2017	Balance as on 31.03.2016
1	2	3	4	5	6	9	10	12	11	13	14	14
A Civil Works ( Additions and Alteration )												
1		0.00			0.00	0.00	0.00		0.00	0.00	0.00	0.00
a Equipments												
1	Lab Equipments	14203402.00	5231322.00	0.00	19434724.00	2204867.00	1554778.00		8%	3759645.00	15675079.00	11998535.00
2	Lab Equipments for Dept of ECE	1465319.00	4955751.00	0.00	6421070.00	117226.00	513686.00		8%	630912.00	5790158.00	1348093.00
3	Lab Equipments for Dept of EEE	218628.00	4468557.00		4687185.00	17490.00	374975.00		8%	392465.00	4294720.00	201138.00
4	Equipments	3776665.00	434762.00		4211427.00	302133.00	336914.00		8%	639047.00	3572380.00	3474532.00
b Office & Office Equipments												
1	Air Conditions	3854724.00	2370748.00		6225472.00	739888.00	466910.00		7.5%	1206798.00	5018674.00	3114836.00
2	Biometric Machine	76781.00			76781.00	11518.00	5759.00		7.5%	17277.00	59504.00	65263.00
3	Blade Server	2961185.00			2961185.00	666267.00	222089.00		7.5%	888356.00	2072829.00	2294918.00
4	CCTV Camara	465958.00	550108.00		1016066.00	56548.00	76205.00		7.5%	132753.00	883313.00	409410.00
5	Camara	74853.00			74853.00	5614.00	5614.00		7.5%	11228.00	63625.00	69239.00
6	Coffee Machine	98438.00			98438.00	14766.00	7383.00		7.5%	22149.00	76289.00	83672.00
7	Digital Copier Machine	1500777.00	879795.00		2380572.00	247481.00	178543.00		7.5%	426024.00	1954548.00	1253296.00
8	Fogging Machine	31500.00			31500.00	7089.00	2363.00		7.5%	9452.00	22048.00	24411.00
9	Franking Machine	0.00	95000.00		95000.00	0.00	7125.00		7.5%	7125.00	87875.00	0.00
10	Glyser	523118.00	115426.00		638544.00	61296.00	47891.00		7.5%	109187.00	529357.00	461822.00
11	Grass Cutting Machine	40950.00	13500.00		54450.00	3071.00	4084.00		7.5%	7156.00	47295.00	37879.00
12	Kitchen Appliance	2057986.00			2057986.00	446512.00	154349.00		7.5%	600861.00	1457125.00	1611474.00
13	Lean Remover	14175.00			14175.00	1418.00	709.00		5%	2127.00	12048.00	12757.00
14	Library Books	6594546.00	575747.00		7170293.00	1616335.00	717029.00		10%	2333364.00	4836929.00	4978211.00
15	Library Equipments	2816778.00			2816778.00	450684.00	225342.00		8.00%	676026.00	2140752.00	2366094.00
16	Media Player	180000.00	89250.00		269250.00	34500.00	20194.00		7.5%	54694.00	214556.00	145500.00
17	Microwaves	6900.00	14231.00		21131.00	1726.00	1057.00		5%	2783.00	18348.00	5174.00
18	Mobile Phone & Telephone Set	122850.00			122850.00	13523.00	9214.00		7.5%	22737.00	100113.00	109327.00
19	Motorsised Screen	88000.00			88000.00	19800.00	6600.00		7.5%	26400.00	61600.00	68200.00
20	Musical Instruments	100000.00			100000.00	10000.00	5000.00		5.00%	15000.00	85000.00	90000.00
21	Office Equipments	2313333.00	116438.00		2429771.00	586341.00	182233.00		7.5%	768574.00	1661197.00	1726992.00
22	Refrigerator	124500.00			124500.00	18916.00	9338.00		7.5%	28254.00	96246.00	105584.00
23	RO System	226510.00	33800.00		260310.00	36469.00	19523.00		7.5%	55992.00	204318.00	190041.00
24	Room Heaters	95201.00	94900.00		190101.00	14280.00	14258.00		7.5%	28538.00	161563.00	80921.00
25	Shredder Machine	172234.00	159975.00		332209.00	31961.00	24916.00		7.5%	56877.00	275332.00	140273.00
26	Television & LED	1052791.00	238465.00		1291256.00	181539.00	96844.00		7.5%	278383.00	1012873.00	871252.00
27	Telephone Sets	0.00	2099654.00		2099654.00	0.00	157474.00		7.5%	157474.00	1942180.00	0.00
28	Water Cooler	662994.00			662994.00	161673.00	49725.00		7.5%	211398.00	451596.00	501321.00
29	Web Camera	19265.00			19265.00	4496.00	1445.00		7.5%	5941.00	13324.00	14769.00
30	Sports Equipments	183986.00	640567.00		824553.00	17889.00	61841.00		7.5%	79730.00	744823.00	166097.00
31	Inverter	474552.00	84400.00		558952.00	35591.00	41921.00		7.5%	77512.00	481440.00	438961.00
c Furniture, Fixture & Fittings												
1	Cooler	38100.00			38100.00	2658.00	2858.00		7.5%	5716.00	32384.00	35242.00
2	Electric Installation	647588.00	36918.00		684506.00	85309.00	51338.00		7.5%	136647.00	547859.00	562279.00
3	Exhaust Fan	98852.00			98852.00	19001.00	7414.00		7.5%	26415.00	72437.00	79851.00
4	Fire Extinguisher	60750.00	24300.00		85050.00	4556.00	6379.00		7.5%	10935.00	74115.00	56194.00
5	Furniture Fixture & Fittings	28978396.00	5165188.00		34143584.00	5009465.00	2560769.00		7.5%	7570234.00	26573350.00	23968931.00
6	LED Light	363015.00	224951.00		587966.00	27226.00	44097.00		7.5%	71323.00	516643.00	335789.00
7	Porta Cabins	0.00	3272756.00		3272756.00	0.00	245457.00		7.5%	245457.00	3027299.00	0.00
8	Sign Board	166476.00	219072.00		385548.00	17661.00	28916.00		7.5%	46577.00	338971.00	148815.00
9	Tanker	0.00	131682.00		131682.00	0.00	9876.00		7.5%	9876.00	121806.00	0.00
d Computer Peripherals												
1	Computer	19111021.00	2892286.00		22003307.00	7509303.00	4400661.00		20%	11909964.00	10093343.00	11601718.00
2	Printers	903402.00	820170.00		1723572.00	598151.00	344714.00		20%	942865.00	780707.00	305251.00
3	Projectors	1361501.00	0.00		1361501.00	841608.00	272300.00		20%	1113908.00	247593.00	519893.00





NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017

Schedule 4B- Non Plan (Fixed Assets)

(Amount-Rs)

		Gross Block				Depreciation Block					Net Block	
S. No.	Assets Heads	Cost as on 01.04.2015	Addition	Deductions	Total	Dep. Upto 31.03.2015	Add. During the Year	Deductions/ Adjustments	Rate of Dep.	Total Depreciation	Balance as on 31.03.2015	Balance as on 31.03.2017
1	2	3	4	5	6	9	10	12	11	13	14	
A	Civil Works ( Additions and Alteration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
a	Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	Lab Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b	Office & Office Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	Air Conditions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Biometric Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Blade Server	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	CCTV Camara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Coffee Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Digital Copier Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Forging Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Gyser	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Kitchen Appliance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Lawn Remover	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Library Books	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Library Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Media Player	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Microwaves	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Mobile Phone & Telephone Set	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Motorsised Screen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Musical Instruments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Office Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Refrigerator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	RO System	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Room Heaters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Shredder Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Television & LED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Water Cooler	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	Web Camra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c	Furniture, Fixture & Fittings	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	Exhaust Fan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Electric Installation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Furniture Fixture & Fittings	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Sign Board	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d	Computer Peripherals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	Computer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Printers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Projectors	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Network Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Software	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	UPS Battery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total (A)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B	Capital Works in Proress(B)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	Intangible Assets (C)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Computer Software	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	E-Journals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Patents	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total (C)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grand Total (A+B+C)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*James*  
Accountant  
NIT Delhi

*Hanishabingh*  
Asstt Registrar  
NIT Delhi

*DS*  
Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi

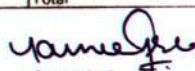




NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017  
SCHEDULE 4 C - INTANGIBLE ASSETS

Amount in Rupees

Sl No	Asset Heads	Gross Block				Depreciation Block				Net Block	
		Op. Balance	Additions	Deductions	Cl. Balance	Depreciation/ Amortizations Opening Balance	Depreciation/ Amortization for the year	Deductions/ Adjustment	Total Depreciation/ Amortization	31.03.2017	31.03.2016
1	Patents & Copyrights	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Computer Software	20078906.00	13628619.00		33707525.00	9187054.00	13483010.00		22670064.00	11037461.00	10891852.00
3	E - Journals	4314932.00	7987238.00		12302170.00	1725973.00	4920868.00	0.00	6646841.00	5655329.00	2588959.00
4	E-Office	0.00	2022128.00		2022128.00	0.00	808851.00		808851.00	1213277.00	0.00
5	License Fee Agreement	28500.00	0.00		28500.00	5700.00	5700.00		11400.00	17100.00	22800.00
6	Web Media Player	0.00	103950.00		103950.00	0.00	20790.00		20790.00	83160.00	0.00
	Total	24422338.00	23741935.00	0.00	48164273.00	10918727.00	19239219.00	0.00	30157946.00	18006327.00	13503611.00

  
Accountant  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

**SCHEDULE 4(C) (i) PATENTS AND COPYRIGHTS**

Amounts in Rupees.

Particulars	Op. Balance	Addition	Gross	Amortization	Net Block 2016-17	Net Block 2015-16
A. Patents Granted	0.00	0.00	0.00	0.00	0.00	0.00
Patents Granted during the Current year	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00
Particulars	Op. Balance	Addition	Gross	Patents Granted/Rejected	Net Block 2016-17	Net Block 2015-16
B. Patents Pending in respect of Patents applied for	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00
C. Grand Total (A+B)	0.00	0.00	0.00	0.00	0.00	0.00



Accountant  
NIT Delhi



Asstt Registrar  
NIT Delhi



Director  
NIT Delhi

Date:-20.07.2017

Place:-Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017

Schedule 4D- Others (Fixed Assets)

		Gross Block				Depreciation Block				(Amount-Rs)		
S. No.	Assets Heads	Cost as on 01.04.2016	Addition	Deductions	Total	Dep. Upto 31.03.2016	Add. During the Year	Deductions/ Adjustments	Rate of Dep.	Total Depreciation	Balance as on 31.03.2017	Balance as on 31.03.2016
1	2	3	4	5	6	9	10	12	11	13	14	15
	<b>Civil Works ( Additions and Alteration</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
a	<b>Equipments</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	Lab Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b	<b>Office &amp; Office Equipments</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	Air Conditions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Biometric Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Blade Server	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	CCTV Camara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Coffee Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Digital Copier Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Forging Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Gyser	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Kitchen Appliance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Lawn Remover	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Library Books	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Library Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Media Player	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Microwaves	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Mobile Phone & Telephone Set	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Motorised Screen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Musical Instruments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Office Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Refrigerator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	RO System	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Room Heaters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Shredder Machine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Television & LED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Water Cooler	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	Web Camra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c	<b>Furniture, Fixture &amp; Fittings</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	Exhaust Fan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Electric Installation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Furniture Fixture & Fittings	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Sign Board	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d	<b>Computer Peripherals</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	Computer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Printers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Projectors	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Network Equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Software	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	UPS Battery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total (A)</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B	<b>Capital Works In Proress(B)</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	<b>Intangible Assets (C)</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Computer Software	543600.00	0.00	0.00	543600.00	217440.00	217440.00	0.00	40%	434880.00	106720.00	326160.00
	E Journals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Patents	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total (C)</b>	543600.00	0.00	0.00	543600.00	217440.00	217440.00	0.00	0.00	434880.00	106720.00	326160.00
	<b>Grand Total (A+B+C)</b>	<b>543600.00</b>	<b>0.00</b>	<b>0.00</b>	<b>543600.00</b>	<b>217440.00</b>	<b>217440.00</b>	<b>0.00</b>	<b>0.00</b>	<b>434880.00</b>	<b>106720.00</b>	<b>326160.00</b>

*Amal Kumar*  
Accountant  
NIT Delhi

Date : 20.07.2017  
Place : Delhi



*Manish Singh*  
Asstt Registrar  
NIT Delhi

*AS*  
Director  
NIT Delhi

326160.00  
130464







**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

(Amount-Rs.)

<b>SCHEDULE 5 - INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS</b>	<b>Current Year</b>	<b>Previous Year</b>
1. In Centre Government Securities	0.00	0.00
2. In State Government Securities	0.00	0.00
3. Other approved Securities	0.00	0.00
4. Shares	0.00	0.00
5. Debentures and Bonds	0.00	0.00
6. Term Deposits with Banks	0.00	0.00
7. Others (to be specified)	0.00	0.00
<b>TOTAL</b>	<b>0.00</b>	<b>0.00</b>

  
Accountant  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

(Amount-Rs.)		
<b>SCHEDULE 6 - INVESTMENTS-OTHERS</b>	<b>Current Year</b>	<b>Previous Year</b>
1. In Centre Government Securities	0.00	0.00
2. In State Government Securities	0.00	0.00
3. Other approved Securities	0.00	0.00
4. Shares	0.00	0.00
5. Debentures and Bonds	0.00	0.00
6. Others (to be specified)	0.00	0.00
<b>TOTAL</b>	<b>0.00</b>	<b>0.00</b>



Accountant  
NIT Delhi



Asstt Registrar  
NIT Delhi



Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017

(Amount - Rs.)

SCHEDULE 7 - CURRENT ASSETS		Current Year		Previous Year	
<b>A. CURRENT ASSETS:</b>					
<b>1. Inventories:</b>					
a) Stores and Spares	0.00			0.00	
b) Loose Tools	0.00			0.00	
c) Publication	0.00			0.00	
d) Laboratory Chemicals Consumable and Glass ware	0.00			0.00	
e) Building Material	0.00			0.00	
f) Electrical Material	0.00			0.00	
g) Stationery	342940.00			394756.00	
h) Water supply material	0.00			0.00	
i) Stock-in-trade	0.00			0.00	
j) Building Material ( OTHERS)	0.00	342940.00		0.00	394756.00
<b>2. Sundry Debtors:</b>					
a) Debts Outstanding for a period exceeding six months	0.00			0.00	
b) Others	0.00	0.00		0.00	0.00
<b>3. Cash balances in hand</b>					
Cash in hand	Annexure 'E'	199720.00		154258.00	
Stamps in hand		0.00	199720.00	0.00	154258.00
<b>4. Bank Balances:</b>					
a) With Scheduled Banks:					
State Bank of bikaner and Jaipur (Hostel Fee)		0.00		296620.00	
State Bank of bikaner and Jaipur (Institute Fee)		0.00		16434.00	
State Bank of bikaner and Jaipur (DASA)		0.00		815681.00	
State Bank of bikaner and Jaipur (Main)		0.00		2029534.00	
Canara Bank Acc. No. 7559		1763864.00		1704972.00	
Canara Bank Acc. No. 8009		5978547.00		1280760.00	
Canara Bank Acc. No. 8010		360356.00		78550.00	
Canara Bank Acc. No. 4075		274723980.00		52229429.00	
Canara Bank Dir. NIT Delhi SL 4080		84561.00		81253.00	
Canara Bank Dir. NIT Delhi DASA 4078		1304610.00		1253569.00	
Canara Bank Dir. NIT Fee 4077		151250076.00		67040678.00	
Canara Bank Acc. No. 8131		287584.00		0.00	
Canara Bank Dir. NIT Hostel Fee 4076		68209.00		65541.00	
Canara Bank Dir. FDP A/c		144456.00	435966243.00	138478.00	127031499.00
-Term Deposits					
With Canara bank		463522642.00		116093566.00	
With SBBJ		0.00	463522642.00	53226332.00	169319898.00
<b>5. Post Office-Savings Accounts</b>		0.00		0.00	
<b>TOTAL</b>			<b>900031545.00</b>		<b>296900411.00</b>

*name*

Accountant  
NIT Delhi

*Harish Singh*

Asstt Registrar  
NIT Delhi

*SD*

Director  
NIT Delhi

Date:-20.07.2017

Place:-Delhi





**Annexure to Schedule 7-Statements showing the Investment details as on 31.03.2017**

SN	FD No.	Bank Name	Date of FDR Made	Opening Balance	Accrued Interest as on 01.04.2016	Date of Addition	Addition	Matured		Interest Earned on FDR's During the year 16-17	Date of Maturity	Intt. accrued as on 31st March 2017	FDRs Balance as on 31.03.2017
								Principal	Interest				
1	61194735777	SBBJ	12 12 2015	26,523,266.00	541,575.00	-	-	26,523,266.00	1,022,616.00	481,041.00	18 07 2016	-	-
2	61194735982	SBBJ	12 12 2015	26,546,105.00	542,041.00	-	-	26,546,105.00	1,023,497.00	481,456.00	18 07 2016	-	-
3	61171609647	SBBJ	06 03 2016	156,961.00	832.00	-	-	156,961.00	3,888.00	3,056.00	18 07 2016	-	-
4	2983301000115	Canara	31 03 2016	4,403,110.81	20,387.01	-	-	4,403,110.81	67,434.19	47,047.18	31 05 2016	-	-
5	2983301000116	Canara	31 03 2016	5,527,295.99	25,592.00	-	-	5,527,295.99	84,651.01	59,059.01	-	-	-
6	2983301000117	Canara	31 03 2016	5,532,469.02	25,616.09	-	-	5,532,469.02	84,729.98	59,113.89	-	-	-
7	2983301000118	Canara	31 03 2016	4,425,977.00	20,492.88	-	-	4,425,977.00	67,784.00	47,291.12	-	-	-
8	2983301000119	Canara	31 03 2016	5,531,972.96	25,613.79	07 03 2017	5,878,728.00	5,531,972.96	346,754.91	321,141.12	07 03 2017	35,956.88	5,878,728.00
9	2983301000120	Canara	31 03 2016	4,425,579.01	20,491.04	07 03 2017	4,702,983.00	4,425,579.01	277,404.53	256,813.49	07 03 2017	28,765.51	4,702,983.00
10	2983301000130			10,358,404.96	114,368.10	03 08 2016	9,000,000.00	10,358,404.96	338,446.04	224,077.94	03 08 2016	82,628.03	9,294,062.00
11	2983301000131			10,358,404.96	114,368.10	03 08 2016	9,000,000.00	10,358,404.96	338,446.04	224,077.94	03 08 2016	82,628.03	9,294,062.00
12	2983301000132			10,358,404.96	114,368.10	03 08 2016	9,000,000.00	10,358,404.96	338,446.04	224,077.94	03 08 2016	82,628.03	9,294,062.00
13	2983301000133			10,358,404.96	114,368.10	03 08 2016	9,000,000.00	10,358,404.96	338,446.04	224,077.94	03 08 2016	82,628.03	9,294,062.00
14	2983301000136			10,358,404.96	114,368.10	03 08 2016	9,000,000.00	10,358,404.96	338,446.04	224,077.94	03 08 2016	82,628.03	9,294,062.00
15	2983301000142	Canara	31 03 2016	5,455,136.04	62,547.24	30 01 2017	5,821,006.00	5,455,136.04	365,870.55	303,323.31	30 01 2017	55,259.69	5,821,006.00
16	2983301000161	Canara	28 03 2016	9,500,000.00	4,684.93	-	-	9,500,000.00	17,568.00	12,883.07	12 04 2016	-	-
17	2983301000164	Canara	29 03 2016	9,500,000.00	3,513.70	-	-	9,500,000.00	17,217.00	13,703.30	16 04 2016	-	-
18	2983301000170	Canara	31 03 2017	9,500,000.00	1,171.23	-	-	9,500,000.00	1,171.23	-	02 04 2016	-	-
19	2983301000185_1	Canara				14 03 2017	100,000,000.00			209,589.04		209,589.04	100,000,000.00
20	2983301000185_2	Canara				14 03 2017	100,000,000.00			209,589.04		209,589.04	100,000,000.00
21	2983301000186_1	Canara				30 03 2017	100,000,000.00			11,643.84		11,643.84	100,000,000.00
22	2983301000186_2	Canara				30 03 2017	100,000,000.00			11,643.84		11,643.84	100,000,000.00
23	2876413000040	Canara	25 02 2014	500,000.00	102,345.36	13 03 2017	649,615.00	500,000.00	149,615.00	47,269.64	13 03 2017	2,335.74	649,615.00
										2,335.74	17 09 2018		
<b>Total</b>				<b>169,319,897.63</b>	<b>1,968,743.77</b>		<b>462,052,332.00</b>	<b>169,319,897.63</b>	<b>5,222,431.60</b>	<b>8,701,921.62</b>		<b>977,923.96</b>	<b>463,522,642.37</b>

*Accountant*  
Accountant  
NIT Delhi



*Registrar*  
Asstt Registrar  
NIT Delhi

*Director*  
Director  
NIT Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017

SCHEDULE 8- LOANS, ADVANCES AND DEPOSITS		(Amount - Rs.)	
	Current Year	Previous Year	
<b>1. Advances to Employee: ( Non Interest Bearing)</b>			
a) Salary	0 00	0 00	
b) Festival	1800 00	9000 00	
c) Medical Advance	0 00	0 00	
d) For Expenses <b>Annexure 'E'</b>	256425 00	824678 00	853678 00
<b>2. Long Term Advances to Employee : ( Interest Bearing)</b>			
a) Vehical Loan	0 00	0 00	
b) Home Loan	0 00	0 00	
c) Other to be Specified	0 00	0 00	0 00
<b>3. Advances and other amounts recoverable in cash or in kind or for value to be received:</b>			
a) On Capital Accounts	0 00	0 00	
b) NICSI	0 00	0 00	
c) NBCC	106519783 00	0 00	
d) Secured Advance Mini Campus	9557938 00	0 00	
e) Delhi GOVT	40320 00	40320 00	
f) Fee Receivable from CSAB	0 00	0 00	
g) Fee Receivable from Students	596622 00	94570 00	
H) NIT Transit House	482971 00	599862 00	734752 00
<b>4. Prepaid Expenses</b>			
a) Insurance	0 00	0 00	
b) Car Lease Charges	0 00	73748 00	
c) E-Journal Subscription Fee	0 00	0 00	
d) Magazines	0 00	0 00	
e) Rent	251700 00	2452866 00	
f) DMC certificate expenses	0 00	23800 00	
g) Electricity Exp	97000 00	65444 00	
h) Amc for Networking Equipments	0 00	238596 00	2854454 00
<b>5. Deposits</b>			
a) Telephone	10000 00	10000 00	
b) Lease Rent(IAMR)	3348900 00	3348900 00	
c) Lease Rent(YWCA)	600000 00	600000 00	3958900 00
<b>6. Income Accrued:</b>			
a) On Investments from Earmarked/Endowment Funds	0 00	0 00	
b) On Investments- Others	0 00	0 00	
c) On Loan and Advance	0 00	0 00	
d) On Term Deposits	977925 00	1968744 00	
e) On Saving Account	3258204 00	0 00	1968744 00
<b>7. Other - Current assets receivable from UGC/Sponsored Projects</b>			
a) Debit balance in Sponsored Projects	0 00	0 00	
b) Debit balance in Sponsored fellowship & Scholarships	0 00	0 00	
c) Grant Receivable from Govt. of India	0 00	8500000 00	
d) Other Receivable from UGC	0 00	0 00	8500000 00
<b>8. Claims Receivable</b>			
TDS Receivable	103565 00		5000 00
Others	792 00	104357 00	0 00
<b>TOTAL</b>		<b>126142145.00</b>	<b>18855528.00</b>

Accountant  
NIT Delhi

Asstt Registrar  
NIT Delhi

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi








NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHDEULES FORMING PART OF BALANCE SHEET AS ON 31.03.2017

(Amount - Rs.)

SCHEDULE 9- ACEDMIC RECEIPTS					Current Year	Previous Year
<b>FEE FROM STUDENTS</b>						
<b>Academic</b>						
a)	Tuition Fee				51179583.00	43936180.00
b)	Admission Processing Fee				976000.00	740000.00
c)	Enrolments Fee				0.00	0.00
d)	Library Admission Fee				0.00	0.00
e)	Laboratory Fee				0.00	0.00
f)	Art and craft Fee				0.00	0.00
g)	Registration Fee				0.00	0.00
h)	Syllabus Fee				0.00	0.00
				Total(A)	52155583	44676180
<b>Examinations</b>						
a)	Admission Test Fee				0.00	0.00
b)	Annual Exam Fee				0.00	0.00
c)	Mark Sheet, Certificate Fee & Transcripts				4600.00	18600.00
d)	Entrance Examination Fee				0.00	0.00
e)	Credit Fee				0.00	195200.00
f)	Make Up Exam Fee				607200.00	234600.00
				Total (B)	611800.00	448400.00
<b>Other Fees</b>						
a)	Identity Cards Fee				0.00	0.00
b)	Fine/Miscellaneous Fee				95930.00	78750.00
c)	Medical Fee				0.00	0.00
d)	Transport Fee				0.00	0.00
e)	Hostel Fee				0.00	0.00
				Total (C)	95930.00	78750.00
<b>Sale of Publication</b>						
a)	Sale of Admission forms				0.00	0.00
b)	Sale of Syllabus and Question Paper etc				0.00	0.00
c)	Sale of prosectus including admission forms				0.00	0.00
				Total (D)	0.00	0.00
<b>Other Acedimic Receipts</b>						
	Registration Fee for WorkShop, Programme & Seminar				0.00	0.00
	Registration Fee(Academic Staff College)				0.00	0.00
				Total (E)	0.00	0.00
	<b>Grand Total (A+B+C+D+E)</b>				<b>52863313</b>	<b>45203330</b>

  
Accountant  
NIT Delhi

  
Asstt Registrar  
NIT Delhi

  
Director  
NIT Delhi

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Place:-Delhi





NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
 SCHDEULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017

**SCHEDULE 10 - GRANTS / SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)**

Amount in Rupees

Particulars	Plan			Total Plan	Non Plan UGC	Current Year Total	Previous Year Total
	Govt. of India	UGC					
		Plan	Specific Schemes				
Balance B/F	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Add: Receipts during the year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less: Refund to UGC Balance Less: Utilised for Capital expenditure (A)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less: Refund to UGC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less: Utilised for Capital expenditure (A)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Balance	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less: utilized for Revenue Expenditure (B)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Balance C/F (C)	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*Yamege*

Accountant  
NIT Delhi

*Harish Singh*

Asstt Registrar  
NIT Delhi

*AS*

Director  
NIT Delhi

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Place:-Delhi






**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHDEULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017**

Amounts In Rupees

SCHEDULE 11- INCOME FROM INVESTMENTS						Earmarked Fund/Endownments Funds		Other Investments	
						Currents year	Previous year	Currents year	Previous year
1) Interest						0.00	0.00	0.00	0.00
	a) On Govt. Securities					0.00	0.00	0.00	0.00
	b) Other Bonds/Debentures					0.00	0.00	4723997.00	8689805.00
2) Interest on Term Deposits									
3) Income Accrued but not due on term deposits /Interest Bearing Advance to Employee						0.00	0.00	977925.00	1915709.00
4) Interst on Saving bank Accounts						0.00	0.00		
5) Others (Specify)						0.00	0.00	5701922.00	10605514.00
<b>TOTAL</b>						0.00	0.00		
<b>TRANSFERRED TO EARMARKED/ENDOWMENT FUNDS</b>									
<b>Balance</b>						NIL	NIL		

  
 Accountant  
 NIT Delhi

  
 Asstt Registrar  
 NIT Delhi

  
 Director  
 NIT Delhi

Date:-20.07.2017  
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**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017**  
**SCHEDULE 12 - INTEREST EARNED**

	Current Year	Previous Year
1) On Savings Accounts:		
a) With Scheduled Banks	14265332 00	4221971 00
2) On Loans		
a) Employees/Staff	0 00	0 00
b) Others	0 00	0 00
3) Interest on Debtors and Other Receivables		
a) With Non-Scheduled Banks	0 00	0 00
b) Post Office Savings Accounts	0 00	0 00
c) Others	0 00	0 00
<b>TOTAL</b>	<b>14265332.00</b>	<b>4221971.00</b>

  
Accountant  
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Asstt Registrar  
NIT Delhi

  
Director  
NIT Delhi

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Place:-Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017

**SCHEDULE 13- OTHER INCOME**

	Amount in Rupees	
	Current Year	Previous Year
<b>A. Income from Land &amp; Buildings</b>		
1. Hostel Room Rent	7829830.00	6859200.00
2. License fee	0.00	254070.00
3. Hire Charges of Auditorium/Play ground/Convention Centre, etc	0.00	0.00
4. Electricity charges recovered	0.00	0.00
5. Water charges recovered	0.00	0.00
<b>Total A</b>	7829830.00	7113270.00
<b>B. Sale of Institute's publications</b>	0.00	0.00
<b>C. Income from holding events</b>		
1. Gross Receipts from annual function/ sports carnival	0.00	0.00
Less: Direct expenditure incurred on the annual function/ sports carnival	0.00	0.00
2. Gross Receipts from fetes	0.00	0.00
Less: Direct expenditure incurred on the fetes	0.00	0.00
3. Gross Receipts for educational tours	0.00	0.00
Less: Direct expenditure incurred on the tours	0.00	0.00
4. Others (to be specified and separately disclosed)	0.00	0.00
<b>Total C</b>	0.00	0.00
<b>D. Others</b>		
1. Income from consultancy	0.00	0.00
2. RTI fees	190.00	0.00
3. Income from Royalty	0.00	0.00
4. Sale of Application Form	342750.00	531150.00
5. Misc. receipts (Sale of tender form, waste paper, etc.)	0.00	0.00
6. Profit on Sale/disposal of Assets		0.00
a) Owned assets		0.00
b) Assets received free of cost		0.00
7. Grants/Donations from Institutions, Welfare Bodies and International Organizations		0.00
8. Others		268820.00
a) Computer and Internet Fee	1177000.00	1041022.00
b) ID card Charges	28900.00	27700.00
c) Income from Guest House	34620.00	13004.00
d) Income from Bus	24010.00	32000.00
e) Misc Income	713446.00	86296.00
f) Library Fee and Magazine Fee	0.00	61486.00
<b>Total D</b>	2320916.00	2061478.00
Exam Mode Fee	0.00	88000.00
Income From Photostate	13308.00	24230.00
Sponsorship Received	0.00	35000.00
Processing Fee	107750.00	142800.00
<b>Total E</b>	121058.00	290030.00
<b>Grand Total (A+B+C+D+E)</b>	<b>10271804.00</b>	<b>9464778.00</b>

*Yameghu*

Accountant  
NIT Delhi

*Manish Singh*

Asstt Registrar  
NIT Delhi

*AS*

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017**  
**SCHEDULE 14 - PRIOR PERIOD INCOME**

Particulars	Amount in Rupees	
	Current Year	Previous Year
1 Academic Receipts	1567700.00	0.00
2 Income from Investments	0.00	0.00
3 Interest earned	0.00	0.00
4 Depreciation Written Back Retrospectively	0.00	0.00
5 Others	0.00	2059.00
<b>Total</b>	<b>1567700.00</b>	<b>0.00</b>

  
Accountant  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Director  
NIT Delhi

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Place:-Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017  
**SCHEDULE 15 - STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)**

	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Salaries and Wages	39478505.00	0.00	39478505.00	36868454.00	0.00	36868454.00
b) Allowances and Bonus	70000.00	0.00	70000.00	0.00	0.00	0.00
c) Contribution to Provident Fund	0.00	0.00	0.00	0.00	0.00	0.00
d) Contribution to Other Fund (specify)	0.00	0.00	0.00	0.00	0.00	0.00
e) Staff Welfare Expenses	302543.00	0.00	302543.00	118180.00	0.00	118180.00
f) Retirement and Terminal Benefits	2891260.00	0.00	2891260.00	1783081.00	0.00	1783081.00
g) LTC facility	330001.00	0.00	330001.00	0.00	0.00	0.00
h) Medical facility	229123.00	0.00	229123.00	92659.00	0.00	92659.00
i) Children Education Allowance	120000.00	0.00	120000.00	137199.00	0.00	137199.00
j) Honorarium	0.00	0.00	0.00	0.00	0.00	0.00
k) Casual labour	10736460.00	0.00	10736460.00	9065156.00	0.00	9065156.00
l) CPDA	408718.00	0.00	408718.00	327649.00	0.00	327649.00
<b>TOTAL</b>	<b>54566610.00</b>	<b>0.00</b>	<b>54566610.00</b>	<b>48392378.00</b>	<b>0.00</b>	<b>48392378.00</b>

*Mane G*

Accountant  
NIT Delhi

*Manish Singh*

Asstt Registrar  
NIT Delhi

*AS*

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHDEULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017**  
**SCHEDULE 15 A - EMPLOYEES RETIREMENT AND TERMINAL BENEFITS**

Amount in Rupees

Particular	Pension	Gratuity	Leave Encashment	Total
Opening Balance as on	0.00	0.00	0.00	0.00
Addition: Capitalized value of Contributions Received from other	0.00	0.00	0.00	0.00
Total (a)	0.00	0.00	0.00	0.00
Less: Actual Payment during the Year (b)	0.00	0.00	0.00	0.00
Balance Available on 31.03 c (a-b)	0.00	0.00	0.00	0.00
Provision required on 31.03 as per Actuarial Valuation (d)	340040.00	0.00	172192.00	512232.00
A. Provision to be made in the Current year (d-c)	340040.00	0.00	172192.00	512232.00
B. Contribution to New Pension Scheme & CPF	0.00	0.00	0.00	2256103.00
C. Medical Reimbursement to Retired Employees	0.00	0.00	0.00	0.00
D. Travel to Hometown on Retirement	0.00	0.00	0.00	0.00
E. Deposit Linked Insurance Payment	0.00	0.00	0.00	0.00
Total (A+B+C+D+E)	340040.00	0.00	172192.00	2768335.00

*James Jee*

Accountant  
NIT Delhi

*Manish Singh*

Asstt Registrar  
NIT Delhi

*AS*

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017

**SCHEDULE 16 - ACADEMIC EXPENSES**

Amount in Rupees

	Current Year				Previous Year		
	Plan	Non Plan	Academic	Total	Plan	Non Plan	Total
a) Laboratory expenses	0.00	0.00	342636.00	342636.00	0.00	0.00	580769.00
b) Field work/Participation in Conferences	0.00	0.00	40792.00	40792.00	0.00	0.00	
c) Expenses on Seminars/Workshops	0.00	0.00	0.00	0.00	0.00	0.00	190872.00
d) Payment to visiting faculty	0.00	0.00	381812.00	381812.00	0.00	0.00	
e) Examination	0.00	0.00	0.00	0.00	0.00	0.00	227431.00
f) Student Welfare expenses	0.00	0.00	0.00	0.00	0.00	0.00	
g) Admission expenses	0.00	0.00		0.00	0.00	0.00	
h) Convocation expenses	0.00	0.00	2538176.00	2538176.00	0.00	0.00	
i) Publications	0.00	0.00		0.00	0.00	0.00	
k) Subscription Expenses	0.00	0.00	0.00	0.00	0.00	0.00	131930.00
l) Id Card Charges	0.00	0.00		0.00	0.00	0.00	0.00
l) Culture Expenses	0.00	0.00	375700.00	375700.00	0.00	0.00	358211.00
m) Secret Funds	0.00	0.00	452036.00	452036.00	0.00	0.00	144130.00
n) DMC Security Expenses	0.00	0.00	0.00	0.00	0.00	0.00	83300.00
o) Sports Expenses	0.00	0.00		0.00	0.00	0.00	0.00
p) Training and Placement Expenditure	0.00	0.00	0.00	0.00	0.00	0.00	134653.00
1) Others (specify)	0.00	0.00		0.00	0.00	0.00	0.00
Library Expenses	0.00	0.00	373285.00	373285.00	0.00	0.00	486967.00
Technical Club	0.00	0.00	0.00	0.00	0.00	0.00	8880.00
Academic Expenses	0.00	0.00	173956.00	173956.00	0.00	0.00	404123.00
Literary Club Expenses	0.00	0.00	202366.00	202366.00	0.00	0.00	0.00
<b>TOTAL</b>	<b>0.00</b>	<b>0.00</b>	<b>4880759.00</b>	<b>4880759.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2751266.00</b>

Accountant  
NIT Delhi

Asstt Registrar  
NIT Delhi

Director  
NIT Delhi

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NATIONAL INSTITUTE OF TECHNOLOGY DELHI  
SCHDEULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017

SCHEDULE 17 - ADMINISTRATIVE AND GENERAL EXPENSES

	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
<b>A Infrastructure</b>						
a) Electricity and power	5457874.00	0.00	5457874.00	4311198.00	0.00	4311198.00
b) Water charges		0.00	0.00		0.00	0.00
c) Insurance		0.00	0.00		0.00	0.00
d) Rent, Rates and Taxes (including property tax)	33026706.00	0.00	33026706.00	29149246.00	0.00	29149246.00
<b>B Communication</b>						
e) Postage, Telephone, Fax and Internet Charges	4382609.00	0.00	4382609.00	4152935.00	0.00	4152935.00
<b>C Others</b>						
a) NIT Transit House Contribution	250000.00	0.00	250000.00	250000.00	0.00	250000.00
b) Professional Charges	618790.00	0.00	618790.00	720322.00	0.00	720322.00
c) Printing and Stationery	2240190.00	0.00	2240190.00	1375725.00	0.00	1375725.00
d) Travelling and Conveyance Expenses	658573.00	0.00	658573.00	631971.00	0.00	631971.00
e) Stipend/means-cum-merit scholarship	18276456.00	0.00	18276456.00	12990872.00	0.00	12990872.00
f) Auditors Remuneration	55000.00	0.00	55000.00	105000.00	0.00	105000.00
g) Statutory Bodies Meeting and Various Meeting	1267228.00	0.00	1267228.00	1164863.00	0.00	1164863.00
h) Security Expenses	4477982.00	0.00	4477982.00	1685237.00	0.00	1685237.00
i) Misc Exp	271059.00	0.00	271059.00	760266.00	0.00	760266.00
j) Advertisement and Publicity	1409320.00	0.00	1409320.00	649667.00	0.00	649667.00
k) News Paper, Magazines, E- Journals & Periodicals Subscription Fee	27795.00	0.00	27795.00	2868037.00	0.00	2868037.00
l) Guest House Expenses	31335.00	0.00	31335.00	24010.00	0.00	24010.00
<b>TOTAL</b>	<b>72450917.00</b>	<b>0.00</b>	<b>72450917.00</b>	<b>60839349.00</b>	<b>0.00</b>	<b>60839349.00</b>

Accountant  
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Asstt Registrar  
NIT Delhi

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi





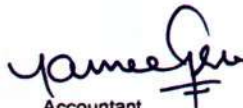


**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**SCHDEULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017**

**SCHEDULE 18 - TRANSPORTATION EXPENSES**

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
<b>1 Vehicles (owned by institution)</b>						
a) Running expenses	0.00	0.00	0.00	0.00	0.00	0.00
b) Repairs & maintenance	0.00	0.00	0.00	0.00	0.00	0.00
c) Insurance expenses	0.00	0.00	0.00	0.00	0.00	0.00
<b>2 Vehicles taken on rent/lease/Hiring</b>						
a) Rent/lease expenses/Hiring	6151725.00	0.00	6151725.00	4759461.00	0.00	4759461.00
b) Running expenses	393553.00	0.00	393553.00	0.00	0.00	0.00
<b>Total</b>	<b>6545278.00</b>	<b>0.00</b>	<b>6545278.00</b>	<b>4759461.00</b>	<b>0.00</b>	<b>4759461.00</b>

  
Accountant  
NIT Delhi

  
Asstt Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**

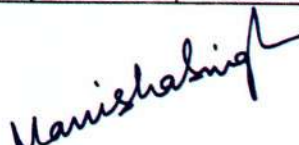
**SCHDEULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017**

**SCHEDULE 19 - REPAIRS & MAINTENANCE**

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
Estate & Building Maintenance	886631 00	0 00	886631 00	3631375 00	0 00	3631375 00
Furniture & Fixture		0 00	0 00		0 00	0 00
Plant & Machinery		0 00	0 00		0 00	0 00
Office Equipments	120500 00	0 00	120500 00	188963 00	0 00	188963 00
Computer	645226 00	0 00	645226 00	216277 00	0 00	216277 00
Laboratory & Scientific Equipments		0 00	0 00		0 00	0 00
Audio Visual Equipments		0 00	0 00		0 00	0 00
Cleaning Material & Services		0 00	0 00	0 00	0 00	0 00
Books Binding Charges		0 00	0 00		0 00	0 00
Gardening	67385 00	0 00	67385 00	37900 00	0 00	37900 00
Electricity and Electric Repair	759094 00	0 00	759094 00	605729 00	0 00	605729 00
<b>Total</b>	<b>2478836 00</b>	<b>0 00</b>	<b>2478836 00</b>	<b>4680244 00</b>	<b>0 00</b>	<b>4680244 00</b>

  
Accountant  
NIT Delhi

  
Asstt Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI

SCHDEULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017

**SCHEDULE 20 - FINANCE COSTS**

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
a) Bank interest or others	55720.00	0.00	55720.00	61272.00	0.00	61272.00
b) Others (specify)	0.00	0.00	0.00	0.00	0.00	0.00
Total	55720.00	0.00	55720.00	61272.00	0.00	61272.00

*Manish Singh*

Accountant  
NIT Delhi

*Manish Singh*

Asstt. Registrar  
NIT Delhi

*Manish Singh*

Director  
NIT Delhi

Date:-20.07.2017

Place:-Delhi







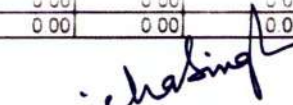
**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**STATEMENTS FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017**

**SCHEDULE 21 - OTHER EXPENSES**

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
Provision for Bad and Doubtful Debts/Advances	0.00	0.00	0.00	0.00	0.00	0.00
Recoverable Balances Written - off	0.00	0.00	0.00	0.00	0.00	0.00
Grants/Subsidies to other institutions/organizations	0.00	0.00	0.00	0.00	0.00	0.00
Others (specify)						
Interview related Expenses	0.00	0.00	0.00	355323.00		355323.00
Total	0.00	0.00	0.00	0.00	0.00	0.00

  
Accountant  
NIT Delhi

  
Asstt Registrar  
NIT Delhi

  
Director  
NIT Delhi

20.07.2017  
Delhi







NATIONAL INSTITUTE OF TECHNOLOGY DELHI

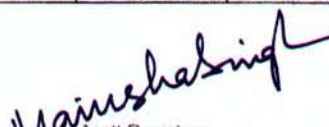
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED ON 31.03.2017

SCHEDULE 22: PRIOR PERIOD EXPENSES

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
1 Establishment expenses	80000.00	0.00	80000.00	1330383.00	0.00	1330383.00
2 Academic expenses		0.00	0.00	141500.00	0.00	141500.00
3 Administrative expenses	66085.00	0.00	66085.00	61350.00	0.00	61350.00
4 Transportation expenses	21310.00	0.00	21310.00	0.00	0.00	0.00
5 Repairs & Maintenance	99630.00	0.00	99630.00	0.00	0.00	0.00
6 Other expenses	42500.00	0.00	42500.00	2641.00	0.00	2641.00
Total	309525.00	0.00	309525.00	1535874.00	0.00	1535874.00

  
Accountant  
NIT Delhi

  
Asstt Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**ANNEXURES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

**Annexure 'A'**

**List of Creditor as on 31.03.2017**

S No	A/c Head	Amounts
1	Advancetech India P. Ltd.	550108.00
2	Anand & Anand	33750.00
3	Balka Furnisher and Decorator	199372.00
4	Electric Instrumentation	700763.00
5	Jain Furniture Supplier	8220.00
6	Kamal Enterprises	99358.00
7	Micro Chitronix Systems	2205000.00
8	NEX Communications India	57660.00
9	Perfect Solutions	103500.00
10	Purple Wave Infocom P. Ltd.	103950.00
11	Researchco Books & Periodicals P. Ltd.	3689.00
12	Saini Refrigeration Works	4692.00
13	Vsm Enterprises	8800.00
14	E-Pack Polymers Pvt Ltd (Security)	230876.00
15	M.C Contractor (Security)	145782.00
16	Sahni Associates (Security)	16238.00
17	Frank Copier Pvt Ltd	77939.00
18	Lease Plan India Pvt Ltd	46916.00
19	Elsevier B V	1207891.00
20	Springer	170711.00
	<b>Grand Total</b>	<b>5975215.00</b>

Accountant  
NIT Delhi

Asstt. Registrar  
NIT Delhi

Director  
NIT Delhi

Date:-20.07.2017

Place:-Delhi





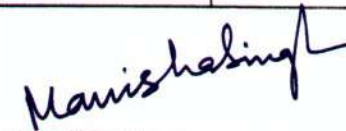


**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**ANNEXURES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

Annexure 'B'

S No	List of Statutory Due as on 31.03.2017	
	Particular	Amounts
1	TDS Payable	583639.00
2	NPS Employer Share	177416.00
3	NPS Employee Share	177416.00
4	WCT Payable	3583.00
5	GIS	5759.00
	<b>Grand Total</b>	<b>947813.00</b>

  
Accountant  
NIT Delhi

  
Asstt. Registrar  
NIT Delhi

  
Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi







**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**ANNEXURES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

**DETAIL OF OUTSTANDING AS ON 31-03-2016**

**ANNEXURE "C"**

Sr.No.	PARTICULARS	Amount in (Rs.)
1	Advertisement Expense Payable	95880.00
2	Audit Fee Payable	55000.00
3	Security Exp. Payable	379302.00
4	Stipend of Mtech PAYABLE	555600.00
5	STIPEND OF PhD PAYABLE	1565794.00
6	Telephone Exp Payable	24464.00
7	T&P Expenses Payable	41305.00
8	Travelling Expense Payable	1380.00
9	Water Charges Payable	30.00
10	Campus Repair & Maintenance Payable	124113.00
11	Electricity Exp Payable	308713.00
12	Newspaper & Periodicals Payable	3835.00
13	Office Equipment Maintenance Payable	60250.00
14	Other Payable	58421.00
15	Professional Charges Payable	260925.00
16	Salary and Wages Contractual PAYABLE	1335222.00
17	Salary and Wages Payable	2138942.00
18	Salary Outsourcing Staff Payable	1102681.00
19	Salary Payable (DST Programme)	85367.00
20	GPF Loan Payable	1930.00
21	GPF Payable	14810.00
22	Leave Salary Payable	45365.00
23	Leave Salary & Pension Contribution PAYABLE	28370.00
24	CPDA Expense Payable	14393.00
25	Gratuity & Leave Encashment Payable	80312.00
26	Benevolent Fund Payable	30.00
27	Project Expenses Payable	64959.00
28	SERB/AS-CH03/AP Singh Expense Payable	152570.00
29	SERB/ECR/2016/1141 Expense Payable	85995.00
30	Tractor Lease Charges Payable	22800.00
31	Bus Hiring Charges Payable	611675.00
32	Vehicle Hiring Expenses Payable	18744.00
33	Vehicles Running Expenses Payable	64092.00
34	CSAB	47932.00
35	Meeting Expense Payable	33287.00
36	Literary Club Expense Payable	77000.00
	<b>Total</b>	<b>9561488.00</b>

*Yamete*

Accountant  
NIT Delhi

*Manish Singh*

Asstt Registrar  
NIT Delhi

*DS*

Director  
NIT Delhi

Date:-20.07.2017  
Place:-Delhi





**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**ANNEXURES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

**Details of Earnest Money Deposit**

**ANNEXURE "D"**

S.No	Particular	Amount in Rupees
1	Ashok Kumar	10000.00
2	Balka Furnishaers	26000.00
4	Ergo Dyanamix	10000.00
5	Galaxy Enterprises	3000.00
6	Jain Furniture	2100.00
7	Lab India -	29000.00
8	Neotel	10000.00
9	NET PRO INDIA	10000.00
10	Net Web Technologies	11000.00
11	New Furniture India	30000.00
12	NIT Delhi Mess	80000.00
13	Sahni Associates	4000.00
14	Shree Balaji Furnishers	3100.00
15	Star Fabricator	36565.00
16	Sulabh International Social Service	33496.00
17	T K Meena	6000.00
18	Top Land	16000.00
19	Vivek Travel	25000.00
	<b>Grand Total</b>	<b>345261.00</b>

*Yamej*

Accountant  
NIT Delhi

*Manish Singh*

Asstt. Registrar  
NIT Delhi

*DS*

Director  
NIT Delhi

**Date:-20.07.2017**  
**Place:-Delhi**







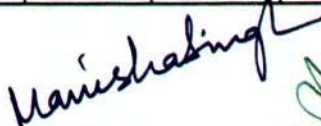
**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**ANNEXURES FORMING PART OF BALANCE SHEET AS ON 31.03.2017**

**List of Advances and Imprest Money given to Staff Annexure 'E'**

S.NO	Particular	Imprest	Advance	Total
1	Anidev Singh	0 00	64940 00	64940 00
2	Ankur	0 00	3000 00	3000 00
3	Anmol Ratna Saxena	0 00	20000 00	20000 00
4	Anuj Kumar Sharma	0 00	13845 00	13845 00
5	Anurag Singh	0 00	7000 00	7000 00
6	Gyanendra Sheoran	0 00	9000 00	9000 00
7	Kapil Kumar	0 00	11390 00	11390 00
8	Manisha Singh	0 00	90800 00	90800 00
9	Rikmantra Basu	18937 00	3150 00	22087 00
10	Satyender Singh	0 00	3000 00	3000 00
11	Subhash Yadav	14239 00	25000 00	39239 00
12	Sunil Kumar	17500 00	0 00	17500 00
13	Tirupathi Raju Kanumuri	13814 00	0 00	13814 00
14	Vinay Shankar Pandey	0 00	3500 00	3500 00
	<b>Total</b>	<b>64490 00</b>	<b>254625 00</b>	<b>319115 00</b>



Accountant  
NIT Delhi



Asstt Registrar  
NIT Delhi



Director  
NIT Delhi

Date:-20.07.2017  
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. Fees from Students (except Tuition Fees), Sale of Admission Forms, Royalty and Interest on Saving Bank Account are accounted on cash accounting method. Tuition Fees collected separately for each semester is accounted on accrual basis. All other incomes are accounted on accrual basis.
3. Fixed assets are stated at cost of acquisition including inward freight, duties and expenses related to acquisition including inward freight, duties and expenses related to acquisition installation and commissioning. Gifted assets are valued at market value.
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. Long term investments are carried at their cost or face value whichever is lower. Short term investments are carried at their cost or market price (if quoted) whichever is lower. The institute has been investing the plan fund in short term bank deposit on which interest is being provided on the basis of the bank interest certificates.
7. Contingent Liabilities are shown in Schedule-24.
8. Assets of small value of Rs. 2000 or less is written off fully to income and expenditure account.
9. 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.
10. 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.
11. 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.





12. 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.
13. 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.

Accountant

Assistant Registrar

Director



## Schedule-24

### NATIONAL INSTITUTE OF TECHNOLOGY DELHI

#### Notes on Accounts and Contingent Liabilities

1. Physical verification of inventory for the year 2016-17 has been done and the Stationery and consumables items are being purchased on need basis.
2. The unspent balance of '**Grant under Plan**' released by MHRD is brought to the notice of BOG/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, 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.
9. There is no dispute in respect of Income Tax, Sales tax and any other taxes.
10. The depreciation has been charged according to the New Rates prescribed by MHRD in New Format and the effect of the same has been given in the Balance Sheet retrospectively. The depreciation on E-Journals has been charged at 100% as E-Journals have been subscribed for the period of one year.
11. The Institute received fees from students for the period from July 2016 to June 2017. Figure of fee received in advance at Rs. 141.78 Lacs shown in schedule 3 has been taken by apportioning total fee received by number of months for the course, which fall in the next financial year.
12. The Institute has made payment in foreign currency amounting of Singapore \$18646 to Perkin Elmer Singapore Pvt Ltd. for purchase of Lab Equipments.
13. The Institute has made payment in foreign currency amounting to USD 63568 to Elsevier B. V., USA for subscription of E-Journals
14. The Institute has made payment in foreign currency amounting to EURO 7813 Springer Customer Service Centre GmbH, Germany for subscription of E-Journals
15. Provision for the expenses for the year 2016-17 has been made on the basis of Information received up to 30.04.2017.
16. Schedule 1 to 24 is annexed to and form an integral part of the balance sheet as at 31<sup>st</sup> March, 2017 and Income & Expenditure Accounts for the year ended on that date.
17. No contingent liability exists as on 31<sup>st</sup> march 2017.
18. Prior Period Income of Rs. 15.67 Lacs is Fee recovery of Tuition Fees from SC/ST Students of Btech.





19. Interest on FDR has been booked basis on Bank Certificates provided by Bank.
20. There is change in Manpower recruitment Agency. M/s UGS Facility Management P. Ltd. has been appointed w.e.f 07<sup>th</sup> Jan 2017.
21. Provision for Audit for the FY 2016-17 for Rs. 55,000/- has been created on the basis of prudence concept of accounting.
22. Capital Work in Progress Addition of Rs. 55.20 Lacs includes: Rs. 10.73 Lacs of Mini Campus (against I RA Bill), Rs. 44.46 Lacs paid to Forest Department (Govt of NCT, Delhi).
23. Total amount paid to NBCC as advance during the FY 2016-17 is Rs. 1261.71 Lacs, which includes: Rs. 63.13 Lacs paid for Start Up Centre, Rs. 1171.33 Lacs for Mini Campus, Rs. 26.84 Lacs for Play Ground. Rs. 106.32 Lacs of advance given to NBCC has been adjusted with I RA Bill of Mini Campus.

Accountant

Assistant Registrar

Director



## **NATIONAL INSTITUTE OF TECHNOLOGY DELHI**

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

Phone No. + 9111 - 27787500 - 502 Fax. + 9111 - 27787503

Website: [www.nitdelhi.ac.in](http://www.nitdelhi.ac.in)