

ANNUAL REPORT

2015-16



**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA - 136119**

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FOREWORD

I am indeed very happy to present the Annual Report of National Institute of Technology, Kurukshetra (Haryana) for the year 2015-16. The performance of the Institute during the year has been elucidated in this Report along with the progress made in various directions. As one scans through the pages of this report, one can easily be convinced that the Institute has done commendable work during the year.

National Institute of Technology, Kurukshetra is one of the thirty National Institutes of Technology in the country. Earlier, the Institute was known as Regional Engineering College, Kurukshetra. It was established in 1963 as a joint and cooperative enterprise of Govt. of India and State Government of Haryana for imparting technical training to the youth and for fostering national integration. Govt. of India took over full administrative and financial control of the Institute w.e.f. 14.5.2003.

The Institute offers four year B.Tech. programmes in Civil, Electrical, Electronics & Communication, Mechanical, Computer Engineering, Information Technology and Production & Industrial Engineering with a sanctioned intake of 832 seats. It also offers specialized postgraduate (M.Tech.) programmes in the fields of Civil, Electrical, Electronics & Communication, Mechanical, Computer Engineering, Cyber Security, Instrumentation, Nano-Technology, Molecular Engineering & Advanced Chemical Analysis, School of VLSI Design & Embedded System, School of Renewable Energy & Efficiency, School of Biomedical Engg., School of Material Science & Nano-Technology, Business Administration (MBA) and Computer Applications (MCA). Facilities are also available in the Institute for research leading to the degree of Doctor of Philosophy in Civil, Electrical, Electronics & Communication, Mechanical, Computer, Physics, Chemistry, Mathematics as well as Humanities and Social Sciences. The total students' strength of the Institute is 4912. The Institute has 184 faculty in various disciplines and 197 non-faculty staff to support the faculty.

A special initiative has been taken by the Institute for the development of research activities so as to boost the status of the Institute and bring it at par with IITs. There are sustained research and development activities in the Institute throughout the year. Several faculty members of the Institute were actively involved in research activities during the year under report. Some research projects funded by Central and State Governments have started showing results. Faculty members also participated in various conferences/seminars/schools and also organized many such events. Five research projects are in progress in Civil Engineering, Physics and Mathematics. The Institute completed consultancy assignments referred to it by various Government and Industrial Organizations, valued at Rs. 543.13 lacs.

The Institute is striving to improve Industry-Institute Interaction and is seeking active collaboration with industries in various academic activities. It has already established interaction with many industries of Haryana and nearby regions. Industries are invited to join hands with the Institute so as to improve the quality of engineering education as well as training and research. Industry receives benefit in the form of intellectual resources, equipments and other facilities of the Institute. Institute has also entered into an agreement of cooperation with Tata Consultancy Services Ltd., Altair Engineering and University of Toledo for enhancing the efficiency of the academic curriculum and for providing software training to the students.

The Institute Library is well equipped with the latest books and national and international journals. A total number of 154976 books are available in the Library, besides 4000+ journals. The Institute Library is also a core member of the Indian National Digital Library in Engineering Science and Technology (INDEST) Consortium set up by MHRD to access online resources.

The Institute has a Health Centre for the staff and students and medical aid is provided within the available resources. To facilitate all financial transactions, a fully computerized branch of State Bank of India functions in

the Institute premises. A Post Office as well as a Shopping Centre are also available in the Institute premises.

A Center of Computing and Networking (CCN) was started in 1997 as a project funded by MHRD. It is a central computing facility for the Institute, connecting all buildings and departments through Local Area Network with 4000 nodes spread over the campus on OFC backbone. The main Workshop comprising of Machine Shop, Fitting Shop, Electrical Shop, Welding Shop, Pattern Making Shop, Foundry Shop, Production Technology Lab. is fully equipped with the latest machines. All the Departments are equipped with laboratories for practical training to the students and researchers.

Government of India, Ministry of Human Resource Development, released Rs. 53.00 crores and Rs. 69.00 crores under Plan and Non-Plan scheme respectively during the financial year, 2015-16. A sum of Rs. 56.01 crores and Rs. 66.80 crores has been spent under various heads of Plan and Non-Plan expenditure during the financial year under report. The Institute made commendable progress in implementing various departmental activities and in completing constructional works under the Plan Scheme.

I am convinced that the achievements of the Institute during the year have been quite commendable. It has much more to achieve in future. With this in focus, the Institute has prepared a prospective plan and a twenty-year road map for future development.

DIRECTOR

INTRODUCTION

1.1 VISION AND MISSION

- To be a role-model in technical education and research, responsive to global challenges
- To impart quality technical education that develops innovative professionals and entrepreneurs and to undertake research that generates cutting-edge technologies and futuristic knowledge, focusing on the socio-economic needs

1.2 OBJECTIVES

- To offer academic programs in different areas of engineering at Under-graduate, Post-graduate and Doctoral levels
- To impart instructions and training to empower students to meet the technological needs and socio-economic challenges and create facility and environment for the overall personality development of students
- To promote quality research and undertake research projects keeping in view of the present day to day needs of technology
- To interact with industry and other relevant sectors with a view to promote mutual interaction
- To provide consultancy and testing facilities to various government, semi-government and private organizations with a view to generate additional resources and keep in touch with latest demands of the profession
- To interact with, and provide necessary help to other engineering institutions from the state in particular
- To act as a source for fostering national integration, the students intake being from all over the country providing this opportunity.
- To inculcate moral values

1.3 EDUCATION SYSTEM

The Education System of the Institute is divided into academic sessions comprising two semesters – Even and Odd semester. The Institute offers courses of study leading to B.Tech, M.Tech., MCA, MBA and Doctor of Philosophy degrees. The medium of instructions and examination is English. The Institute is of national importance and governed by National Institute of Technology Act of Govt. of India. The Institute is independent in every respect relating to academic work such as Examinations, evaluation of the answer sheets, declaration of results and conferring of degrees. The courses include study at the Institute, visits to work sites and practical training at Institute Workshop and approved Engineering works. There is a semester examination at the end of each semester. The Institute follows Credit Based System of evaluation.

1.4 NEW INITIATIVES

1. New M.Tech. course in Cyber Security in Computer Engg. and Molecular Engg. in Chemistry was started.
2. An External Peer Review of the Institute was conducted by a committee, composition of which was suggested by the Council of NITs. The review was expected to understand the critical parameters of the functioning of the Institute and improve upon them on need basis, to bring better transparency to the functioning of NITs, particularly, at the higher level of planning and execution, to evaluate overall NIT system as well as individual NITs on broad parameters and to permit funding of the institutions based on their overall performance. The Committee was to comprise of two reputed persons from academia, two experts from the industry, one eminent citizen and one NIT alumni.
3. In accordance with the recommendations of the Kakodkar Committee and the directions of the Council of NITs, the Institute carried out an appraisal by the Departmental Visiting Committee (DVC) during April 24-26, 2015.
4. The Institute participated in National Institutional Ranking Framework (NIRF) and C-Fore survey. The National Institutional Ranking Framework (NIRF) was launched by Honourable Minister for Human Resource Development on 29th September, 2015. This framework outlines a methodology to rank institutions across the country.

2.0 AN OVERVIEW

2.1 HISTORICAL BACKGROUND

The Central Government in consultation with the Planning Commission had sanctioned a scheme of establishment of Regional Engineering Colleges under Third Five Year Plan in order to expand the facilities for technical education in the country during the plan period. The Regional Engineering College (REC), Kurukshetra was one of the seventeen colleges in the country.

Vide letter No. 16-4/60-T.5, dated 26th February, 1962 from Secretary to the Government of India, Ministry of Scientific Research and Cultural Affairs, New Delhi, it was established in the year 1963 as a joint and cooperative enterprise of Govt. of India and State Government of Haryana to serve the State of Haryana and rest of the country for imparting technical training to youth and for fostering national integration. Its objective was to provide instructions and research facilities in various disciplines of engineering and technology and the advancement of learning and dissemination of knowledge in each such discipline.

The first admission to five year B.Sc. (Engg.) degree course was made by the Institute in July, 1963 at Punjab Engineering College, Chandigarh and Thapar Institute of Engineering & Technology, Patiala, with an intake of 60 students at each place. This was repeated in July, 1964 also. The Institute started functioning on its present campus at Kurukshetra from year 1965-66. The REC Kurukshetra was registered under Societies Registration Act XXI of 1860 on 25th April, 1964. The students were admitted to the first year of five year integrated B.Sc.(Engg.) degree courses in Civil, Electrical and Mechanical Engineering. In 1967-68, M.Sc. (Engg.) degree courses in Civil, Electrical and Mechanical Engineering were introduced. In 1971-72, a degree course in Electronics & Communication Engineering and a Post-graduate Diploma Course in Scientific Instrumentation were started. In 1976-77, part time M.Sc. (Engg.) degree courses in Electronics & Communication Engineering and Instrumentation Engineering were also started. The first registration for the degree of Doctor of Philosophy in the Faculty of Engineering and Technology was done in July, 1967.

The Institute switched over to four year B.Tech.Degree course with effect from 1985-86. The Course has since been designated as Bachelor of Technology (B.Tech.). The M. Sc.(Engg.) degree in various disciplines has since been renamed as M.Tech. degree with effect from the session 1983-84. In 1987-88, B.Tech. degree course in Computer Engineering and M.Tech. degree Course in Electronics Engineering were started. In 1989-90, M.Tech. degree course in Water Resources Engineering was started in the Department of Civil Engineering. A special two semesters M.Tech. degree course in Instrumentation for candidates holding P.G. Diploma in Scientific Instrumentation was introduced from January, 1988.

Three year Special Degree Course, 'Bachelor of Engineering' for in-service diploma holders was introduced from the session 1982-83 in Civil, Electrical and

Mechanical Engineering. This course was fully funded by Govt. of Haryana. The Govt. of Haryana has discontinued the course w.e.f. 2001-02.

During the period 1963 to 2001, there have been considerable achievements in the academic as well as development areas. The Govt. of India, Ministry of Human Resource Development, New Delhi has upgraded REC Kurukshetra to National Institute of Technology, Kurukshetra with the status of Deemed University w.e.f. 26.6.2002 vide letter No. F.9-10/2002-U.3 dated 26.6.2002. The NIT Kurukshetra was also registered under the Societies Registration Act XXI of 1860 on 9th April, 2003. The new Memorandum of Association (MOA) was formulated under the guidance of the Ministry of Human Resource Development (MHRD).

As per establishment of REC, Kurukshetra, the entire Non-plan expenditure on Undergraduate Courses was borne by the Central and State Government on 50:50 basis. This practice remained intact upto 31.3.2003. Consequent upon conversion of REC to NIT, the Government of India had taken over full administrative and financial control and the Central Government started bearing the expenditure on Undergraduate Courses on 100% basis. However, it is also mentioned here that since the inception of the Institute the expenditure on PG Courses was borne by the Central Government.

Further, in pursuance to the Notification published in Gazette of India Extraordinary Part-II, Section-3, Sub-Section(ii), dated 10th August 2007 and the MHRD letter No. F-20-22/2004-TS-III, dated 24/27 August 2007, the National Institute of Technology Act, 2007 (29 of 2007) has been enforced with effect from 15th August 2007 and the NIT Kurukshetra has become the Central Institution under this Act.

The Director, Government of India, Ministry of Human Resource Development, Deptt. of Higher Education vide letter no. F.22-5/2006-TS.III (Pt.) dated 11.5.2009 forwarded a copy of notification published in Gazette of India Extraordinary Part-II, Section-3, Sub-Section- (i) dated 23rd April, 2009 regarding the first Statutes under NIT Act, 2007 for information and necessary action.

LOCATION

Kurukshetra, steeped in history and mythology, is a place of great spiritual significance where Lord Krishna delivered the divine message of "Shrimad Bhagwad Gita". The place from where knowledge spread far and wide was chosen as his capital by King Harshwardhana. It is one of the premier centres of pilgrimage attracting devotees in a steady stream all-round the year. Kurukshetra is a railway junction on Delhi-Karnal-Ambala section of Northern Railway. It is about 160 Km from Delhi. The Institute campus is about 10 Km from Pipli, a well known road junction on NH-I.

2.2 CAMPUS

The campus extends over an area of 300 acres imaginatively laid down on a picturesque landscape. It presents a spectacle of harmony in architecture and natural beauty. The campus has been organised into three functional sectors:

- (i) Hostels for the students
- (ii) Academic Area
- (iii) Residential sector for the staff

Hostels for students are located towards Eastern side of the campus in the form of cluster. Multi-storey buildings of hostels provide comfortable accommodation and pleasing environment to students. Residential sector for staff is located towards Western side. Academic area is located between the two residential sectors in order to reduce walking distance. A full fledged health centre manned by qualified doctors, a Post Office and a branch of the State Bank of India are located at convenient points on the Campus.

2.3 ADMINISTRATION

Director is Principal Academic and Executive Officer of the Institute. He is responsible for the proper administration of the Institute, imparting instructions and maintenance of discipline therein. He is assisted in his day- to-day work by Deans, Heads of the different Departments, Professor-in-Charges, Registrar and other Officers and various committees of the Institute.

2.4 ACADEMIC PROGRAMMES

The following academic programme was observed during the academic session 2015-16:-

ODD SEMESTER

1.	Registration	Without late fee: 1 st May to 3 rd August 2015 With late fee of Rs. 500/-: 4 th August to 10 th August 2015 After 10 th August 2015, the Registration shall be allowed after getting approval of Dean (Academic)/Director on prescribed penalty, if any
2.	Commencement of classes	27 th July 2015
3.	Mid-Semester Exam-I	16 th September 2015 to 18 th September 2015
4.	Mid-Semester Break	21 st September 2015 to 25 th September 2015
5.	Mid-Semester Exam-II	5 th November 2015 to 7 th November 2015
6.	Teaching Closes	24 th November 2015
7.	Practical Examination begins	30 th November 2015
8.	End semester exam. begins	8 th December 2015

9.	Winter Vacation	28 th December 2015 to 1 st January 2016
10.	Tentative Registration (Even Semester 2015-16)	27 th November 2015 to 6 th January 2016
11.	Commencement of classes for even semester 2015-16	6 th January, 2016 (Wednesday)

EVEN SEMESTER

1.	Registration for Even Semester	Without late fee: 27 th Nov. 2015 to 6 th Jan. 2016 With late fee of Rs. 500/-: 7 th Jan. 2016 to 12 th Jan. 2016 After 12 th January 2016, the Registration shall be allowed after getting approval of Dean (Academic)/Director on prescribed penalty, if any
2.	Commencement of classes	6 th January 2016
3.	Mid-Class Exam-I	18 th February 2016 to 20 th February 2016
4.	Mid-Semester Break	2 nd March 2016 to 25 th March 2016
5.	Mid-Class Exam-II	4 th April 2016 to 6 th April 2016
6.	Teaching Closes	29 th April 2016
.	Practical Examination begins	4 th May 2016
8.	End Semester Exam. begins	12 th May 2016
9.	Summer Vacation	6 th June 2016 to 22 nd July 2016
10.	Commencement of classes for Odd Semester	28 th July 2016

2.6 COURSES OFFERED

The Institute offers following Graduate and Post Graduate Degree Courses of study: -

Sr. No.	Name of the Course	Graduate/ Post Graduate	Duration of the Course	Total Intake
1.	M.Tech.	Post Graduate	2 years	518
2.	MBA	-do-	2 years	90
3.	MCA	-do-	3 years	90
4.	B.Tech.	Graduate	4 years	832

Facilities are also available in the Institute for research leading to Degree of Doctor of Philosophy in various disciplines of Engineering and Technology of NIT, Kurukshetra.

2.7 ADMISSION PROCEDURE

In the Undergraduate courses – B.Tech. Degree Courses, admissions are made on the basis of JEE (Main) conducted by Central Board of Secondary Education (CBSE) on behalf of the Govt. of India.

Admission to M. Tech. degree courses are made on the basis of candidate's score in the GATE examination. Seats are first filled by admitting GATE qualified candidates and then by industry sponsored candidates. Remaining vacant seats are offered to Non-GATE candidates with a minimum of 60 percent marks (55 percent for SC candidates) in their qualifying examination. While GATE candidates are eligible for a scholarship of Rs. 12400/- per month, Non-GATE candidates are not given any scholarship.

Admission for the course of MBA is done through stringent screening process using CAT and JMAT scores followed by group discussion and personal interview. Admission for MCA course is done on the basis of written test as well as interview.

2.8 STUDENTS

There were 4912 students in all Undergraduate and Postgraduate courses in the Institute as on 31.3.2016.

2.9 EXAMINATION & EVALUATION

EXAMINATION

As per scheme of the examination, Institute is organizing examination in two parts – Theory and Practical. The medium of examination is English. The students are required to fill up their Examination Forms along with examination fees. Examinations are held at the end of every semester.

EVALUATION

The Evaluation System for 4-year (8 semesters) B.Tech. Degree Course at this Institute for the batches prior to 2003 is being followed in terms of marks as it was followed by Kurukshetra University, Kurukshetra to which this Institute was affiliated before switching over from REC to NIT (Deemed University) status. In all 8 semesters, marks were awarded out of 5600 scaled marks. The same is as under:-

Marks Obtained	Division/Result
60% and above	1 st Division
50% and above but less than 60%	2 nd Division
40% and above but less than 50%	Pass Class

Further, from the batch admitted in year 2003, Institute has switched over to Credit Based System of evaluation for all degree programmes which is as under:-

A letter grade in each course taken during the semester is being awarded on the basis of performance of a student in class work, sessionals and end semester exams held at the end of each Semester. Letter grade has a grade point for the purpose of computing the Cumulative Grade Point Average (CGPA) i.e. $CGPA = C1 \times G1 / Ce$ (C1 indicates credits assigned to the course, G1 indicates grade point equivalent to the letter grade obtained and Ce indicates total number of credits). The letter grades and their grade point value are given below:-

Letter Grade	Performance	Grade Point
A+	Excellent	10
A	Very Good	09
B	Good	08
C	Average	06
D	Pass	04
E	Required to Improve	02
F	Repeat	00

The Percentage of marks of a student can be calculated by multiplying the CGPA of a student by 9.00. The above system is also being used for other Graduate and Post Graduate Courses.

2.10 PLACEMENT

Many opportunities are open to engineering graduates in Government Departments, Armed Forces, Engineering and Allied Industries, Building construction and Engineering consultancy organizations. For the benefit and convenience of B.Tech. final year students, campus interviews are arranged by the Department of Training and Placement of the Institute. Many reputed concerns including Govt. Departments, Public Undertakings, Armed Forces and Private companies make on campus selections. The number of students getting offers of good jobs is steadily increasing, particularly during the last few years.

RECRUITMENT VISITS

Discipline	No. of companies which conducted interviews	No. of jobs*
Computer Engg.	60	84
Information Technology	55	79
Electronics & Comm. Engg.	50	71
Mechanical Engg.	45	109

Electrical Engg.	46	76
Civil Engg.	35	51
Production & Industrial Engg.	28	29
MCA	40	56
M.Tech.	35	71
MBA	07	06

Note: *Some students were selected by more than one company.

2.11 GAMES AND SPORTS

The Engineering Curriculum demands dedicated and sustained efforts from every student. As a result, students remain busy with studies throughout the year. Nevertheless, realizing the importance of sports and games in the overall development of the students, sport facilities are provided to students to the maximum possible extent. The Institute lays adequate emphasis on students' participation in various outdoor and indoor games and track and field Sports. All sports and games activities are directed by a Sports Committee comprising students, faculty members and Sports personnel. The Committee is responsible for laying down the policies and programmes for sports and games.

A senior faculty member designated as President (Sports) co-ordinates the activities. Students who distinguish themselves by their outstanding performance in sports are eligible for a number of awards like Best Athlete Trophy, Best Sports Man of the Year Trophy and Best Debutant Performer etc.

2.12 STAFF POSITION AS ON 31.3.2016

Summary of Faculty

Grand Summary of Faculty & Non-Faculty Position as on 31.03.2016

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	64	(-)21
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	91	79
Sub Total (A)		298	184	114
1	Registrar	01	-	01
2	Dy. Registrar	03	03	-
3	Asstt. Registrar	04	01	03
4	Librarian	01	01	-
5	Asstt. Librarian	01	-	01
6	Sr. SAS Officer	01	-	01
7	SAS Officer	02	02	-
8	Sr. Medical Officer	01	01	-

9	Medical Officer	03	01	02
10	Security Officer	01	01	-
11	Pr. Technical Officer	01	-	01
12	Sr. Technical Officer	04	02	02
13	Technical Officer	06	03	03
14	Executive Engineer	01	-	01
Sub Total (B)		30	15	15
1	Technician	33	10 (01 Lab Asstt.)	23
2	Sr. Technician	24	09	15
3	Work Assistant	-	01	(-)01
4	Sr. Work Assistant	-	01	(-)01
5	Technician SG-II	15	01	14
6	Work Assistant SG II	-	09	(-)09
7	Technician SG-I	09	13	(-)04
8	Lib. Assistant	03	02	01
9	Sr. Lib. Assistant	03	-	03
10	Lib. Assistant SG II	02	01	01
11	Lib. Assistant SG I	-	03	(-)03
Total		89	50	39
1	Tech. Assistant	29	-	29
2	Sr. Tech. Asstt.	22	18	04
3	Tech. Asstt. SG-II	14	06 (01 Pharmacist, 01 staff Nurse)	08
4	Tech. Asstt. SG-I	07	03 (01 Pharmacist)	04
5	Lib & Info. Assistant	02	-	02
6	Sr. Lib & Info. Asstt.	02	-	02
7	Lib & Info. Asstt. SGII	01	-	01
8	Lib & Info. Asstt SGI	01	-	01
9	Junior Engineer	04	03	01
10	Asstt. Engineer	02	-	02
11	Asstt. Engr. SG II (Civil)	01	01	-
12	SAS Assistant	01	-	01
13	Sr. SAS Assistant	01	-	01
14	SAS Assistant SG II	01	-	01
15	SAS Assistant SG I	01	-	01
Total		89	31	58
Sub Total (C) (Lower + Higher)		178	81	97
1	Junior Assistant	16	06	10
2	Steno	04	-	04
3	Sr. Assistant	12	03	09
4	Sr. Steno	03	-	03
5	Assistant SG II	08	04	04
6	Steno SG II	02	02	-
7	Assistant SG I	05	09	(-)04
8	Steno SG I	01	-	01
Total		51	24	27

1	Superintendent	03	-	03
2	Accountant	04	-	04
3	Secretary	03	-	03
4	Sr. Superintendent	03	07	(-)04
5	Sr. Accountant	02	01	01
6	Sr. Secretary	02	01	01
7	Superintendent SG II	02	02	-
8	Accountant SG II	01	02	(-)01
9	Secretary SG II	01	05	(-)04
10	Superintendent SG I	01	01	-
11	Accountant SG I	01	-	01
12	Secretary SG I	01	-	01
Total		24	19	05
Sub Total (D) (Lower + Higher)		75	43	32
1	Attendant/ Security Guard/Mali/Caretaker	18	22	(-)04
2	Sr. Attendant/ Security Guard/Mali/ Caretaker	14	17	(-)03
3	Attendant/ Security Guard/Mali/ Caretaker SG-II	09	11	(-)02
4	Attendant/ Security Guard/Mali/ Caretaker SG-I	04	08	(-)04
Sub Total (E)		45	58	(-)13
Grand Total (A+B+C+D+E)		626	381	245

Brief Summary of Faculty & Non-Faculty Position as on 31.03.2016

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	64	(-)21
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	91	79
Sub Total (A)		298	184	114
1.	Officer	30	15	15
2.	Technical Staff	178	81	97
3.	Administrative Staff	75	43	32
4.	Supporting Staff	45	58	(-)13
Sub Total (B)		328	197	131
Grand Total (A+B)		626	381	245

2.13 NOTABLE ACHIEVEMENTS

1. The Institute has been conferred the status of Deemed University by the Government of India w.e.f. 26.6.2002. Consequent upon upgradation of REC Kurukshetra to National Institute of Technology, Kurukshetra with Deemed University status w.e.f. 26.6.2002, the Institute is independent in every respect relating to academic work such as Exams, Evaluation of Answer-sheets, declaration of results and other allied matters.

2. The Central Government has taken over full Administrative and Financial control of this Institute w.e.f. 14.5.2003. The Plan and Non-Plan expenditures of this Institute are being borne entirely by the Central Government from financial year 2003-04.

3. National Institute of Technology Act, 2007 was enacted by the Parliament of India on 5th June, 2007 and became effective on 15th August, 2007 i.e. Independence Day. This Act declares NIT, Kurukshetra Institution of National Importance.

4. The National Board of Accreditation (NBA) has accredited our four Undergraduate Degree Level Programmes in Engineering and Technology i.e. Electronics & Communication Engineering, Mechanical Engineering, Electrical Engineering and Civil Engineering for five years w.e.f. 19.3.2004 on the basis of standards maintained by the Institute for the Academic Excellence.

5. The Institute has signed Memorandum of Understanding with the Govt. of India, Department of Secondary & Higher Education, Ministry of Human Resource Development, New Delhi on 1.12.2003 for the years 2003-08, consenting on the commitments and targets formulated by the Ministry for the said period.

6. The Technical Education Quality Improvement Programme (TEQIP), funded by World Bank, aims to upscale the on going initiatives of GOI to enhance efficiency and dynamism in technical education. It was launched by MHRD as a Rs. 1550 crore programme during the 10th Plan. Haryana is one of the six states which was selected to participate in the first cycle of the first phase of the programme, based on their commitment and preparedness for the project. The agreements were signed in February 2003 between GOI, six participating states and the World Bank.

Following are the Objectives of Technical Education Quality Improvement Programme:

- Improving undergraduate teaching learning process
- Increasing facilities for undergraduate education
- Increasing efficiency and effectiveness of the education process through better academic discipline and improved governance
- Improving post-graduate and research programmes
- Improving Sponsored Research and Consultancy activities
- Starting new PG programmes

7. The first year of 20-year Road Map- 2006 was a bold initiative by way of increased intake and new courses. The Ministry of Human Resources Development approved some new courses for PG and UG Programme from session 2006-07 in addition to enhancing the existing intake of some UG courses. Further, responding to an increasing demand for Management Graduates in the country and keeping in line with its stated goal of regularly adding new courses, a self sustaining 2 years Course - Master of Business Administration (MBA) was introduced in the Institute from the session 2006-07 with an intake of 60 students.
8. Responding to an increasing demand for Computer professionals in the Country and keeping in line with its stated goal of regularly adding new courses as a part of its 20-years growth plan, NIT Kurukshetra started Master Computer Applications (MCA) with effect from session 2007-08. With the introduction of this programme, Institute extended its long years of expertise into the field of Computer Applications, thus fulfilling its commitment to the IT Industries world wide and the society at large of developing Computer professionals with varied competencies and ethical values. This programme derives strength from expert faculty, and well established administrative, consultancy, training and placement infrastructure of NIT Kurukshetra.
9. As per the T-School Survey conducted by Data Quest IDC-NASSCOM, the Institute has been ranked at 18 in the Country.
10. An institute delegation comprising of some faculty members and officers of the institute visited University of Sunderland, UK, Binghamton University, New York and University of Toledo, USA from 19.10.2008 to 27.10.2008. During the visit of the delegation of the above foreign universities, various areas of academic cooperation were identified. The scope of establishing academic links between NIT, Kurukshetra with the above universities was also discussed. The memorandum of understanding (MoU) was signed with the University of Toledo, College of Engineering, Toledo, USA.
11. The Director, Government of India, Ministry of Human Resource Development, Deptt. of Higher Education vide letter no. F.22-5/2006-TS.III (Pt.) dated 11.5.2009 forwarded a copy of notification published in Gazette of India Extraordinary Part, Section-3, Sub-Section- (i) dated 23rd April, 2009 regarding the first Statutes under NIT Act, 2007 for information and necessary action.
12. A two days colloquium on 'Future Training and Placement Scenario' was organized in the Institute for providing a platform for deliberations among distinguished fraternities to explore possibilities of further enhancing placement scenario of the Institute and collaborative research projects with industries in emerging areas of science and technology. The colloquium was attended by distinguished dignitaries from IITs, Industries & other Academic Institutes of repute, in addition to Alumni & Students of the institute.

13. The Institute has signed Memorandum of Understanding with Indian Institute of Technology, Roorkee on 3.10.2013 for five years to promote Academic and Research Cooperation and the Development as Centres of Excellence of Higher and Technical Education and Scientific Research.
14. New Ph.D. Viswaveshvarya Scheme was launched.
15. New M.Tech. course in Cyber Security in Computer Engg. and Molecular Engg. in Chemistry was started.
16. The 4th International Conference on Eco-friendly Computing & Communication System (ICECCS-2015) was organized on 7-8 December 2015 by Department of Computer Applications. The conference brought together experts from the green computing and Communication systems community to discuss the timely issue of green computing and low energy system design. ICECCS-2015 had a special theme, "Information Revolution through Green & Eco-friendly Computing. More than 300 papers were received related with different tracks of the conference. The selected papers were published in Elsevier Procedia Computer Science.
17. The Department of Computer Applications celebrated Digital India Week from 07-21 August 2015. Digital India is coordinated by DeitY and implemented by the entire Government. A series of activities were conducted by the department including a One day workshop on Android & Web Development. The event was a grand success with more than 150 participants. Prizes were distributed for all the events of the competitions in junior and senior category.

3.0 STAFF

3.1 Academic Staff (Teaching)

The Institute has highly qualified, dedicated and well trained faculty of National and International repute of proven capabilities. More than 75% of faculty possesses Ph.D degree in various disciplines.

Director (Head of the Institution)

Prof. Anand Mohan

Dean (Planning & Development)

Dr. V.K. Sehgal

Dean (Academic)

Dr. Baldev Setia

Dean (Estate)

Dr. K.K. Singh & Dr. Arun Goel from 1.11.15

Dean (Faculty Welfare)

Dr. A. Swarup

Dean (Students' Welfare)

Dr. Sathans

Dean (Research & Consultancy)

Dr. Mayank Dave

Professor Incharge Training, Placement & Students Welfare

Dr. Ashwani Jain

ADMINISTRATIVE OFFICERS

Registrar Incharge

Sh. Gyana Ranjan Samantaray

MMS (Utkal University)

Prof. I/C Central Workshop

Dr. Pankaj Chandna

Senior Medical Officer

Dr. (Ms.) Minati Raut

DNB (NBE, Delhi)

Medical Officers

Dr. Sumit Kumar Guin

MBBS (Barhampur University)

Librarian

Dr. Krishan Gopal

Ph.D. (Bundelkhand University)

Deputy Registrar (GA & Legal)

Sh. Gyana Ranjan Samantaray

MMS (Utkal University)

Deputy Registrar (Academic)

Sh. Pankaj Kumar Bayati

MCA (Mohan Lal Sukhadia Univ. Udaipur)

Deputy Registrar (Accounts)

Sh. S.K. Sharma

M.A. (Rohelkhand University)

Assistant Registrar (Stores)

Sh. J.L. Moudgil

M.A. (Kurukshetra University)

OTHERS**Chief Warden (Boys)**

Sh. V.P. Singh

Chief Warden (Girls)

Dr. (Mrs.) Saraswati Setia

Deputy Chief Warden

Dr. D.P. Singh

Controller of Examinations

Dr. R.P. Chauhan

Chief Vigilance Officer

Dr. A.K. Singh

President Sports

Dr. P.C. Tiwari & Dr. (Mrs.) Ratna Dahiya

President Clubs

Dr. S.N. Sachdeva

Professor Incharge (Public Relations)

Dr. Ashutosh Kumar Singh

Students Activities & Sports Officer

Sh. Shahabuddin

Ms. Pallavi Rai

Public Information Officer Under RTI Act-2005

Sh. Gyana Ranjan Samantaray, DR (GA&L)

DEPARTMENTS**DEPARTMENT OF CIVIL ENGINEERING****Head of Department**

Dr. S.K. Madan

Professors

Dr. V.K. Arora	Ph.D. (IIT, Delhi)
Dr. V.K. Sehgal	Ph.D. (Univ. of Roorkee)
Dr. D.K. Soni	Ph.D. (Kurukshetra University)
Dr. Baldev Setia	Ph.D. (IIT, Kanpur)
Dr. S.K. Madan	Ph.D. (Kurukshetra University)
Dr. H.K. Sharma	Ph.D. (NIT, Kurukshetra)
Dr. S.N. Sachdeva	Ph.D. (Kurukshetra University)
Dr. K.K. Singh	Ph.D. (Kurukshetra University)
Dr. Subodh Ranjan	Ph.D. (Kurukshetra University)
Dr. Anupam Mittal	Ph.D. (Kurukshetra University)
Dr. S.M. Gupta	Ph.D. (Kurukshetra University)
Dr. Arun Goel	Ph.D. (Kurukshetra University)
Dr. S.K. Patidar	Ph.D. (IIT, Kanpur)
Dr. Ashwani Jain	Ph.D. (Kurukshetra University)
Dr. Mahesh Pal	Ph.D. (University Nohingham)
Dr. Surender Deswal	Ph.D. (Kurukshetra University)
Dr. V.P. Singh	Ph.D. (Kurukshetra University)
Dr. Saraswati Setia	Ph.D. (NIT, Kurukshetra)
Dr. Paratibha Aggarwal	Ph.D. (NIT, Kurukshetra)
Dr. Parveen Aggarwal	Ph.D. (IIT, Delhi)

Associate Professors

Dr. N.K. Tiwari	Ph.D. (Kurukshetra University)
Dr. Babita Saini	Ph.D. (Kurukshetra University)

Assistant Professors

Dr. Yogesh Aggarwal	Ph.D. (NIT, Kurukshetra)
Dr. Chalak Hanuman Devidas	Ph.D. (IIT, Roorkee)
Sh. Nipen Kumar Das	M.Tech. (IIT, Kharagpur)
Sh. Ajay Krishan	M.Tech.

**DEPARTMENT OF COMPUTER ENGINEERING
& INFORMATION TECHNOLOGY**
Head of Department

Dr. A.K. Singh

Professors

Dr. A.K. Singh
Dr. Mayank Dave
Dr. J.K. Chhabra
Dr. S.K. Jain

Ph.D. (Jadavpur University, Kolkata)
Ph.D. (IIT, Roorkee)
Ph.D. (GGSIPU, Delhi)
Ph.D. (MNIT, Allahabad)

Associate Professors

Dr. R.K. Aggarwal
Dr. R.M. Sharma

Ph.D. (NIT, Kurukshetra)
Ph.D. (Kurukshetra University)

Assistant Professors

Ms. Priyanka Ahlawat
Sh. Mohit Dua
Ms. Ritu Garg
Sh. Virender Ranga
Dr. Brij Bhooshan Gupta
Dr. Mantosh Biswas
Sh. Vikram Singh
Sh. Gyanendra Kumar Verma
Sh. Manendra Kumar Murmu
Sh. Santosh Kumar
Ms. Bharti Sinha
Sh. Anoop Kumar Patel
Sh. Syed Taqi Ali
Sh. Kriti Bhushan
Sh. Ankit Kumar Jain
Sh. Chandra Bhim Bhan Singh
Sh. Vijay Verma

M.Tech. (GJU, Hisar)
M.Tech. (NIT, Kurukshetra)
M.Tech. (Kurukshetra University)
M.Tech. (GJU, Hisar)
Ph.D. (IIT, Roorkee)
Ph.D. (ISM, Dhanbad)
M.Tech. (JNU, Delhi)
M.Tech. (IIIT, Allahabad)
M.Tech. (ISM, Dhanbad)
M.Tech. (NIT, Jalandhar)
M.Tech. (NIT, Rourkela)
M.Tech. (NIT, Allahabad)
M.Tech. (NIT, Suratkal)
M.Tech. (NIT, Rourkela)
M.Tech. (IIIT Allahabad)
M.Tech. (IIIT Allahabad)
M.Tech. (IIT Roorkee)

DEPARTMENT OF ELECTRICAL ENGINEERING**Head of Department**

Dr. G.L. Pahuja

Professors

Dr. A. Swarup

Ph.D. (IIT, Delhi)

Dr. K.S.Sandhu	Ph.D. (Kurukshetra University)
Dr. (Ms.) Lillie Dewan	Ph.D. (Kurukshetra University)
Dr. R.S. Bhatia	Ph.D. (Kurukshetra University)
Dr. G.L. Pahuja	Ph.D. (Kurukshetra University)
Dr.(Ms.) Ratna Dahiya	Ph.D. (Kurukshetra University)
Dr. L.M. Saini	Ph.D. (Kurukshetra University)
Dr. Ashwani Kumar	Ph.D. (IIT, Kanpur)
Dr. (Ms.) Jyoti Ohri	Ph.D. (NIT, Kurukshetra)
Dr. J.S. Lather	Ph.D. (Kurukshetra University)
Dr. Sathans	Ph.D. (NIT, Kurukshetra)
Dr. Yash Pal	Ph.D. (NIT, Kurukshetra)

Associate Professors

Ms. Sunita Chauhan	M.Tech. (Kurukshetra University)
Ms. Rupanshi Batra	M.Tech. (Kurukshetra University)
Dr. (Ms) Monika Mittal	Ph.D. (NIT, Kurukshetra)
Sh. K.K. Sharma	M.Tech. (IIT, BHU)
Dr. Saurabh Chanana	Ph.D. (NIT, Kurukshetra)
Dr. (Ms) Shelly Vadhera	Ph.D. (NIT, Kurukshetra)

Assistant Professors

Dr. A.K. Dahiya	Ph.D. (NIT, Kurukshetra)
Dr. Bhanu Pratap	Ph.D. (MNNIT, Allahabad)
Sh. Prof. Atma Ram Gupta	M.Tech. (NIT, Durgapur)
Sh. Modi Pandu Ranga Prasad	M.Tech. (NIT, Calicut)
Sh. Aeidapu Mahesh	M.Tech. (PEC Univ. of Tech. Chd.)
Sh. Sandeep Kakran	M.Tech. (PEC Univ. of Tech. Chd.)
Sh. Rahul Sharma	M.Tech. (MNNIT, Allahabad)
Sh. Shashi Bhushan Singh	M.Tech. (DCE, Delhi)
Sh. Pradeep Kumar	M.Tech. (MNNIT, Allahabad)
Sh. Kiran Kumar Jaladi	M.Tech. (College of Engg., Pune)
Sh. Shivam	M.Tech. (NIT, Warangal)
Sh. Amit Kumar	M.Tech. (NIT, Jamshedpur)
Sh. Baidyanath Bag	M.Tech. (MANIT, Bhopal)
Sh. Giribabu Dyanamina	M.Tech. (IIT, Roorkee)
Sh. Jayaram Nakka	M.Tech. (IIT, Roorkee)
Sh. Tejavathu Ramesh	M.Tech. (NIT, Rourkela)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

Head of Department

Dr. Rajoo Pandey

Professors

Dr. A.K. Gupta	Ph.D. (IIT, Kanpur)
Dr. Brahmjit singh	Ph.D. (GGSIPU, Delhi)
Dr. R.K. Sharma	Ph.D. (Kurukshetra University)
Dr. O.P. Sahu	Ph.D. (Kurukshetra University)
Dr. Umesh Ghanekar	Ph.D. (NIT, Kurukshetra)
Dr. Rajoo Pandey	Ph.D. (IIT, Roorkee)

Associate Professors

Dr. Mohd. Arif	Ph.D. (IIT, Roorkee)
Dr. Neeraj Pratap Singh	Ph.D. (NIT, Kurukshetra)
Ms. Vrinda Gupta	M.Tech. (Kurukshetra University)
Sh. Vikas Mittal	M.Tech. (Kurukshetra University)

Assistant Professors

Sh. Karan Sharma	B.E. (TIET, Patiala)
Sh. Sandeep Santosh	M.Tech. (NIT, Kurukshetra)
Sh. Arvind Sharma	M.E. (University of Allahabad)
Sh. Rajender Kumar	M.Tech. (NIT, Kurukshetra)
Ms. Poonam Jindal	M.E. (TIET, Patiala)
Dr. Sudhanshu Choudhary	Ph.D. (IIT, Kanpur)
Sh. Gaurav Verma	M.Tech. (NIT, Tiruchirappalli)
Sh. Pankaj Verma	M.Tech. (DTU, Delhi)
Sh. Gaurav Saini	M.Tech. (NIT, Hamirpur)
Sh. Trailokya Nath Sasamal	M.Tech. (IIT BHU, Varanasi)
Ms. Shweta Meena	M.Tech. (JNTU, Hyderabad)
Sh. Chhagan	M.Tech. (DTU, Delhi)
Sh. Ashutosh Nandi	M.Tech. (NIT, Hamirpur)
Sh. Sudakar Singh Chauhan	M.Tech. (NIT, Hamirpur)

**DEPARTMENT OF MECHANICAL ENGINEERING
& PRODUCTION & INDUSTRIAL ENGINEERING**

Head of Department

Dr. Dixit Garg

Professors

Dr. S.K. Sharma (Retired)	Ph.D. (Kurukshetra University)
Dr. S.S. Rattan	Ph.D. (Kurukshetra University)
Dr. Sudhir Kumar	Ph.D. (Kurukshetra University)
Dr. Dixit Garg	Ph.D. (Kurukshetra University)

Dr. Surjit Angra	Ph.D. (Kurukshetra University)
Dr. Dinesh Khanduja (On leave)	Ph.D. (Kurukshetra University)
Dr. P.C. Tiwari	Ph.D. (Kurukshetra University)
Dr. Hari Singh	Ph.D. (Kurukshetra University)
Dr. Pankaj Chandna	Ph.D. (Kurukshetra University)
Dr. V.K. Bajpai	Ph.D. (Kurukshetra University)
Dr. Gian Bhushan	Ph.D. (Kurukshetra University)
Dr. Ajai Jain	Ph.D. (Kurukshetra University)

Associate Professors

Sh. V.P. Singh	M.Tech. (Kurukshetra University)
Dr. S.C. Gupta	Ph.D. (Kurukshetra University)
Dr. Vinod Kumar	Ph.D. (Kurukshetra University)
Dr.(Ms.) Meenu	Ph.D. (Kurukshetra University)
Dr. Sandeep Singhal	Ph.D. (NIT, Kurukshetra)
Sh. Jaideep Gupta	M.Tech. (Kurukshetra University)
Dr. P.K. Saini	Ph.D. (NIT, Kurukshetra)
Dr. Punit Kumar	Ph.D. (IIT, Roorkee)
Sh. Rajiv Verma	M.Tech. (University of Roorkee)
Dr. N.K. Singh	Ph.D. (IIT, Kanpur)
Sh. M.K. Gupta	M.Tech. (University of Roorkee)

Assistant Professors

Dr. Avadesh Yadav	Ph.D. (NIT, Kurukshetra)
Dr. Jitinder Kumar	Ph.D. (Punjabi Univ., Patiala)
Dr. Gulshan Sachdeva	Ph.D. (NIT, Kurukshetra)
Sh. Rajneesh	M.Tech. (PEC, Chandigarh)
Sh. Satnam Singh	M.Tech. (Thapar Univ., Patiala)
Sh. Mukesh	M.Tech. (NIT, Jamshedpur)
Sh. Mohit Sharma	M.Tech. (IIT, Kanpur)
Dr. Joy Parkash Mishra	Ph.D. (IIT, Roorkee)
Sh. Lalit Thakur	M.Tech. (IIT, Roorkee)
Sh. Ashish Mall	M.Tech. (IIT, Bombay)
Sh. Vikas Kumar	M.Tech. (NIT, Kurukshetra)
Sh. Rajesh Kumar	M.Tech. (MNNIT, Alahabad)
Sh. VS Nagendra Reddy	M.Tech. (IIT, Kanpur)
Sh. Chandrashekara M	M.Tech. (Bangalore University)

DEPARTMENT OF PHYSICS

Head of the Department

Dr. Ashavani Kumar

Professors

Dr. J.K. Quamara	Ph.D. (MANIT, Bhopal)
Dr. Ashavani Kumar	Ph.D. (Aligarh Muslim University)
Dr. (Ms) Neena Jaggi	Ph.D. (Kurukshetra University)

Associate Professor

Dr. Rishipal Chauhan	Ph.D. (Kurukshetra University)
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Assistant Professor

Dr. Anurag Gaur	Ph.D. (IIT, Roorkee)
Dr. Ashok Kumar	Ph.D. (IIT, Kanpur)
Dr. C.R. Mariappan	Ph.D. (Pondicherry University)
Dr. Y. Dwivedi	Ph.D. (Banaras Hindu University)
Dr. Awnish Kumar Tripathi	Ph.D. (IIT, Kanpur)
Dr. Ram Sevak Singh	Ph.D. (National Univ. of Singapore)
Dr. Parkash Chand	Ph.D. (NIT Kurukshetra)

DEPARTMENT OF CHEMISTRY**Head of Department**

Dr. D.P. Singh
Professor

Dr. (Ms.) Minati Baral	Ph.D. (Sambalpur University)
Dr. Dinesh Kumar	Ph.D. (Kurukshetra University)
Dr. D.P. Singh	Ph.D. (Meerut University)

Associate Professor

Dr. J.K. Kapoor	Ph.D. (Kurukshetra University)
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Assistant Professor

Dr. Chetti Prabhakar	Ph.D. (IICT, Hyderabad)
Dr. Ram Kumar Tittal	Ph.D. (IIT, Delhi)
Dr. Amilan Jose Devadoss	Ph.D. (Bhavnagar University)
Dr. Ghule Vikas Dasharath	Ph.D. (University of Hyderabad)
Dr. Senthil Kumar	Ph.D. (IIT, Delhi)
Dr. Avijit Kumar Paul	Ph.D. (IISc, Bangalore)

DEPARTMENT OF HUMANITIES & SOCIAL SCIENCE**Head of Department**

Dr. Vikas Chaudhary

Professor

Dr. Rajender Kumar

Ph.D. (IIT, Roorkee)

Dr. P.J.Philip

Ph.D. (Kurukshetra University)

Dr. Vikas Chaudhary

Ph.D. (CCS University, Meerut)

Dr.(Ms.) Kiran Mor

Ph.D. (Kurukshetra University)

Assistant Professors

Dr. Ashwani

Ph.D. (GJU of Sci. & Tech. Hisar)

Dr. Geeta Sachdeva

Ph.D. (Kurukshetra University)

Dr. Shabnam

Ph.D. (GND Univ. Punjab)

Dr. Shahida

Ph.D. (NIT, Rourkela)

DEPARTMENT OF MATHEMATICS**Head of Department**

Dr. A.S.V. Ravi Kanth

Professor

Dr. Paras Ram

Ph.D. (Kurukshetra University)

Associate Professor

Dr. A S V Ravi Kanth

Ph.D. (NIT, Warangal)

Assistant Professor

Dr.(Ms.) Saraswati Yadav

Ph.D. (Univ. of Lucknow, Lucknow)

Dr. Amit Prakash

Ph.D. (Gorakhpur Univ., Gorakhpur)

Dr. Naveen Kumar

Ph.D. (IIT, Roorkee)

Dr. Smita Sonker

Ph.D. (IIT, Roorkee)

DEPARTMENT OF BUSINESS ADMINISTRATION**Head of Department**

Dr. Neeraj Kaushik

Ph.D. (MDU, Rohtak)

Assistant Professor

Dr. Mohammad Firoz	Ph.D. (JMIU, New Delhi)
Dr. Manish Kumar Jha	Ph.D. (ISM, Dhanbad)

DEPARTMENT OF COMPUTER APPLICATIONS**Head of Department**

Dr. Ashutosh Kumar Singh	Ph.D. (Banaras Hindu University)
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Assistant Professor

Dr. Sarika Jain	Ph.D. (CCSU, Meerut)
Dr. Kapil	Ph.D. (JNU, New Delhi)

3.2 NON ACADEMIC STAFF (NON-TEACHING)**Officers**

Registrar	01
Dy. Registrar	03
Asstt. Registrar	04
Librarian	01
Asstt. Librarian	01
Sr. SAS Officer	01
SAS Officer	02
Sr. Medical Officer	01
Medical Officer	03
Security Officer	01
Pr. Technical Officer	01
Sr. Technical Officer	04
Technical Officer	06
Executive Engineer	01

30

Technical Staff**Lower**

Technician	33
Sr. Technician	24
Technician SG-II	15
Technician SG-I	09
Lib. Assistant	03
Sr. Lib. Assistant	03
Lib. Assistant SG-II	02

Higher

Tech. Assistant	29
Sr. Tech. Asstt.	22
Tech. Asstt. SG-II	14
Tech. Asstt. SG-I	07
Lib. & Info. Assistant	02
Sr. Lib. & Info. Assistant	02
Lib. & Info. Assistant SG-II	01
Lib. & Info. Assistant SG-I	01
Jr. Engineer	04
Asstt. Engineer	02
Asstt. Engineer SG II (Civil)	01
SAS Assistant	01
Sr. SAS Assistant	01
SAS Assistant SG II	01
SAS Assistant SG I	01

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Administrative & Ministerial Staff**Lower**

Junior Assistant	16
Stenographer	04
Sr. Assistant	12
Sr. Stenographer	03
Assistant SG-II	08
Assistant SG-I	05
Stenographer SG-II	02
Stenographer SG-I	01

Higher

Superintendent	03
Accountant	04
Secretary	03
Sr. Superintendent	03
Sr. Accountant	02
Sr. Secretary	02
Superintendent SG-II	02
Accountant SG-II	01
Secretary SG-II	01
Superintendent SG-I	01
Accountant SG-I	01
Secretary SG-I	01

75

Supporting Staff

Attendant/Security Guard/ Mali/Caretaker	18
Sr. Attendant/Security Guard/ Mali/Caretaker	14
Attendant/Security Guard/ Mali/Caretaker SG-II	09
Attendant/Security Guard/ Mali/Caretaker SG-I	04

	45

3.3 TRAINING STATUS

The Ministry of Human Resource and Development, Govt. of India has formulated training policy under Technical Education Quality Improvement Programme (TEQIP) for the faculty in which teachers of the technical institutions are trained. The Technical Teachers' Training Institutes of the region organize training programme on the different areas of Engineering and Technology. The Govt. of India is meeting expenditure for training of the teachers and bears the training cost, salary, TA/DA and stay expenses.

The Institute has training facilities for the faculty and other staff under Technical Education Quality Improvement Programme within the country which are arranged from Govt. organizations/ institutions as per the proposal. A number of staff members have been benefited by this scheme.

3.4 PLACEMENT OF STAFF FOR ACADEMIC EXCELLENCE

The Academic staff (faculty) of the Institute is placed for Academic excellence for the following subjects:-

- a) To conduct research or advance studies in India or abroad;
- b) To write text books, standard works and other literature;
- c) To visit/work in International concerns and Technical Departments of Government to gain practical experience in their respective fields;
- d) To visit or work in a University, Institute or Government Research Laboratories in India or abroad; and
- e) Any other purpose for the academic development of the staff.

- f) For undergoing a special course of higher studies or specialized training in a professional or technical subject having a direct and close connection with the sphere of duties.

For this purpose, study leave and sabbatical leave are granted to the academic staff for the development of academic excellence.

4.0 TEACHING PROGRAMMES

4.1 COURSES OFFERED

UNDERGRADUATE COURSES - B.TECH. DEGREE COURSES

Courses of study were offered in the following disciplines:

<u>Discipline</u>	<u>No. of seats</u>
Civil Engineering	140
Electrical Engineering	140
Mechanical Engineering	138
Electronics & Communication Engineering	138
Computer Engineering	92
Production & Industrial Engg.	92
Information Technology	92
Total	832

Note: DASA/NRI students can be admitted upto 15% over and above of the sanction strength of B.Tech. (i.e. 15% of 832)

The duration of each course is four academic years. Teaching in each academic year (1st July to 30th June) is divided into two semesters of about sixteen weeks each.

The courses include study at the Institute, visits to work-sites and practical training in the Institute workshops and in approved engineering works.

POSTGRADUATE COURSES - M.TECH. DEGREE COURSES

Courses of study were offered in the following disciplines and specializations:

The seats available for admission through CCMT-2015 are given below:

Deptt./ School	M.Tech. Programme	OP	OBC	SC	ST	OP PWD	OBC PWD	SC PWD	ST PWD	Total
Civil Engineering	Soil Mechanics & Foundation Engg.	9	5	3	1	-	-	-	-	18
	Structural Engg.	9	5	4	1	-	-	-	-	19
	Water Resources Engg.	9	4	3	1	-	-	-	-	17
	Transportation Engg.	9	4	4	1	-	-	-	-	18
	Environmental Engg.	9	6	2	1	1	1	1	-	21
Electrical Engineering	Power System	10	5	3	2	-	-	-	-	20
	Control System	10	5	4	1	-	-	-	-	20
	Power Electronics & Drives	10	5	3	1	1	-	-	-	20

Electronics & Comm. Engg.	Electronics & Comm. Engg.	12	6	4	2	-	-	-	-	24
Physics	Instrumentation	10	5	3	2	-	-	-	-	20
	Nanotechnology	9	6	2	2	1	-	-	-	20
Mechanical Engg.	Industrial & Production Engg.	10	5	4	1	-	-	-	-	20
	Machine Design	10	5	4	1	-	-	-	-	20
	Thermal Engineering	11	6	2	3	-	1	-	1	24
Computer Engg.	Computer Engg.	13	7	3	1	-	1	-	-	25
	Cyber Security	9	5	3	2	1	-	-	-	20
Chemistry	Molecular Engg. & Advanced Chemical Analysis	9	5	3	2	1	-	-	-	20
School of VLSI Design & Embedded System	VLSI Design	14	8	3	4	2	1	-	-	32
	Embedded System Design	9	5	3	2	-	-	1	-	20
School of Renewable Energy & Efficiency	Renewable Energy Systems	9	5	3	2	1	-	-	-	20
School of Biomedical Engg.	Biomedical Engg.	9	5	3	2	1	-	-	-	20
School of Material Science & Nano technology	Material Science & Nano technology	9	5	3	2	1	-	-	-	20
GRAND TOTAL		218	117	69	37	10	4	2	1	458

The Institute made admissions directly through Institute level counseling in the academic session 2015-16 on sponsored seats for all branches and specializations. The number of seats available in each category for admission through this mode are given below:

(i) Sponsored seats:

Deptt./ School	M.Tech. Programme	OP	OBC	SC	ST	OP PWD	OBC PWD	SC PWD	ST PWD	Total
Civil Engineering	Soil Mechanics & Foundation Engg.	3	1	1	-	-	-	-	-	5
	Structural Engg.	3	1	1	-	-	-	-	-	5
	Water Resources Engg.	2	2	-	1	-	-	-	-	5
	Transportation Engg.	2	1	1	-	-	1	-	-	5
	Environmental Engg.	2	1	1	1	-	-	-	-	5
	Power System	2	2	0	1	-	-	-	-	5
Electrical Engineering	Control System	2	2	1	-	-	-	-	-	5
	Power Electronics & Drives	3	1	1	-	-	-	-	-	5

Electronics & Comm. Engg.	Electronics & Comm. Engg.	3	1	1	-	-	-	-	-	5
Physics	Instrumentation	2	2	1	-	-	-	-	-	5
	Nanotechnology	2	2	-	-	1	-	-	-	5
Mechanical Engg.	Industrial & Production Engg.	2	2	0	1	-	-	-	-	5
	Machine Design	2	1	1	-	1	-	-	-	5
	Thermal Engineering	3	1	1	-	-	-	-	-	5
Computer Engg.	Computer Engg.	3	1	1	-	-	-	-	-	5
	Cyber Security	2	1	1	1	-	-	-	-	5
Chemistry	Molecular Engg. & Advanced Chemical Analysis	2	1	1	1	-	-	-	-	5
School of VLSI Design & Embedded System	VLSI Design	3	1	1	-	-	-	-	-	5
	Embedded System Design	3	1	1	-	-	-	-	-	5
School of Renewable Energy & Efficiency	Renewable Energy Systems	2	1	1	1	-	-	-	-	5
School of Biomedical Engg.	Biomedical Engg.	2	1	1	1	-	-	-	-	5
School of Material Science & Nano technology	Material Science & Nano technology	2	2	1	-	-	-	-	-	5
GRAND TOTAL		52	29	17	9	2	1	-	-	110

MBA DEGREE COURSE

Responding to an increasing demand for management professionals in the country and keeping in line with its stated goal of regularly adding new courses as a part of its 20-years growth plan, NIT Kurukshetra has started 2-years MBA programme, effective 2006-07 with an intake of 60 Students (presently 90 seats). With the introduction of the programme, Institute extends its long years of expertise into the field of Business Administration, thus fulfilling its commitment to the business world and the society at large of developing professional managers with varied competencies and ethical values.

In a short span, MBA program has made a mark for itself. It has all the ingredients of a successful program: a strong curriculum, comparable with the very best; well qualified and dedicated faculty, a batch of talented and enthusiastic students; emphasis on case-based interactive study, supported by all modern teaching aids; liaison with industry; active participation in inter & intra-institution competitions etc.

The first batch enjoyed the unique opportunity of receiving Summer Training from reputed Universities/B-Schools and industries in three European countries- Switzerland, Germany & Holland. This exceptional experience helped the students widen their horizon and provide them much valued international exposure.

MCA DEGREE COURSE

Responding to an increasing demand for computer professionals in the country and keeping in line with its stated goal of regularly adding new courses as a part of its 20-years growth plan, NIT Kurukshetra has started 3-years MCA programme with effect from session 2007-08 with an intake of 60 Students (presently 90 seats). With the introduction of the programme, Institute extends its long years of expertise into the field of Computer Applications thus fulfilling its commitment to the IT industry worldwide and the society at large of developing computer professionals with varied competencies and ethical values. The programme derives strength from:

- Expert faculty, and well established administrative, consultancy,
- Training and placement infrastructure of NIT Kurukshetra
- Latest IT Industry oriented flexible curriculum
- Specialized training at leading IT Industry
- Placement assistance from Training and Placement Cell

Ph.D. DEGREE COURSES

Facilities are available in Institute for research leading to the degree of Doctor of Philosophy in the various disciplines of Engineering and Technology.

4.2 COURSE-WISE ENROLMENT BREAK-UP

B.TECH. DEGREE COURSES

Year	Boys	Girls	Total
I	716	136	852
II	652	154	806
III	697	86	783
IV	686	91	777

M.TECH. DEGREE COURSES

	Year	Boys	Girls	Total
Civil	I	70	20	90
	II	73	12	85
Electrical	I	49	11	60

	II	42	15	57
Electronics	I	13	08	21
	II	18	05	23
Mechanical	I	59	03	62
	II	54	06	60
Physics	I	24	06	30
	II	29	07	36
Computer	I	14	11	25
	II	11	14	25
Cyber Security	I	02	04	06
Molecular Engg. & Advanced Chemical Analysis	I	09	09	18
School of VLSI Design & Embedded system	I	30	19	49
	II	45	05	50

School of Renewal Energy & Efficiency	I	17	03	20
	II	12	06	18
School of Biomedical Engg.	I	06	05	11
	II	12	03	15
School of Material Science & Nanotechnology	I	06	06	12
	II	11	05	16

MBA and MCA DEGREE COURSES

	Year	Boys	Girls	Total
MBA	I	20	24	44
	II	22	20	42
MCA	I	50	35	85
	II	50	32	82
	III	51	32	83

Ph.D DEGREE COURSE

	Boys	Girls	Total
Ph.D.	375	132	507

4.3 ADMISSION STATISTICS-UG/PG PROGRAMMES, COURSE-WISE

UNDERGRADUATE COURSES

Details of candidates admitted to B.Tech. courses in 2015-2016:-

Details of candidates admitted to B.Tech course in 2015-2016:-																							
B.Tech	Female									Female Total	Male											Male Total	Grand Total
Category	DASA	ICCR	MEA	OBC	OBCPH	OP	OP PH	SC	ST		DA SA	ICCR	MEA	OBC	OBC PH	OP	OP PH	SC	SC PH	ST			
Civil Engg.	0	0	0	2	0	5	0	3	2	12	0	9	1	37	3	59	0	18	0	8	135	147	
Computer Engg.	1	2	1	4	0	11	0	1	1	21	13	1	1	22	0	30	2	12	0	5	86	107	
Electrical Engg.	0	1	0	6	0	8	0	3	1	19	0	7	1	37	0	50	1	18	0	9	123	142	
Electronics & Comm. Engg.	0	0	0	13	0	26	0	5	3	47	0	1	0	22	1	36	0	14	1	9	84	131	
Information Technology	1	0	0	2	0	11	1	4	1	20	7	3	0	22	0	33	1	10	0	5	81	101	
Mechanical Engg.	1	1	0	1	0	1	0	1	0	5	5	2	1	36	3	62	0	19	0	12	140	145	
Production & Industrial Engg.	0	0	0	3	0	5	0	4	0	12	0	0	0	17	0	34	2	10	0	4	67	79	
Grand Total	3	4	1	31	0	67	1	21	8	136	25	23	4	193	7	304	6	101	1	52	716	852	

POSTGRADUATE COURSES

Details of sanctioned intake and candidates admitted to M.Tech. courses in 2015-2016:-

Branch	Programme	Female						F Total	Male								M Total	Grand Total
		OBC	OP	OP PH	SC	ST	Spon.		ICCR	OP	OP PH	OBC	OBC PH	SC	ST	Spon.		
Civil Engg.	C (Envir.)	1	3	-	1	-	-	5	1	8	-	5	-	1	-	1	16	21
	C (S.M.F)	-	-	-	-	-	-	-	-	8	-	5	-	3	-	-	16	16
	C (Strut.)	1	1	-	1	-	-	3	5	7	-	5	-	3	1	-	21	24
	C (Trans.)	1	-	-	1	-	-	2	1	8	-	4	-	3	1	-	17	19
	C (W.R)	-	2	-	-	-	-	2	1	8	-	2	-	3	-	-	14	16
Computer Engg.	Computer	11	4	-	2	-	-	17	-	4	-	2	-	1	1	-	8	25
	Cyber Security	-	3	-	5	2	1	11	-	2	1	1	-	3	-	-	7	18
Electrical Engg.	E (C.S.)	1	4	-	-	-	-	5	-	3	-	7	-	4	-	-	14	19
	E (P.E.D.)	-	2	1	1	-	-	4	-	7	-	6	-	2	1	-	16	20
	E (P.S.)	-	2	-	1	1	1	5	-	3	-	7	-	4	1	-	15	20
Electronics & Comm. Engg	ECE	4	3	-	2	-	-	9	-	5	-	4	-	2	1	-	12	21
Mechanical Engg.	M (M.D.)	-	-	-	-	-	-	-	-	9	-	6	-	4	-	2	21	21
	M (I &P)	2	-	-	-	-	-	2	-	5	-	3	-	8	1	1	18	20
	M (Thermal)	-	-	-	-	1	-	1	-	8	-	10	-	3	2	-	23	24
Physics	Ph (N.T.)	-	5	-	1	-	-	6	-	9	-	-	-	1	-	-	10	16
	Ph (Inst.)	1	3	-	2	-	-	6	-	6	-	3	-	2	-	-	11	17
Chemistry	Molecular Engg. & Advanced Chemical analysis	-	3	-	1	-	-	4	-	1	-	-	-	-	-	1	2	6
School of VLSI Design & Embedded System	VLSI Design	1	5	1	2	-	-	9	-	10	-	8	-	1	3	-	22	31
	E. S.D.	2	4	-	2	-	-	8	-	5	-	3	-	1	1	-	10	18
Renewal Energy & Efficiency	R.E.S	1	1	-	-	-	-	2	-	7	-	5	-	4	-	-	16	18
School of Bio-medical Engg.	Biomedical Engg.	-	2	-	-	-	-	2	-	10	-	1	-	-	-	-	11	13
School of Material Science & Nanotechnology	Material Science and Nanotechnology	1	3	-	2	-	-	6	-	5	-	1	-	3	-	-	9	15
Grand Total		30	47	2	24	4	2	109	8	138	1	88	-	56	13	5	309	418

4.4 STUDENTS' TOTAL STRENGTH**B.Tech. Degree Course**

Ist Semester	=	852
IIIrd Semester	=	825
Vth Semester	=	806
VIIth Semester	=	783

M.Tech. Degree Course

Ist Semester	=	418
IIIrd Semester	=	385

MBA Degree Course

Ist Semester	=	44
IIIrd Semester	=	42

MCA Degree Course

Ist Semester	=	85
IIIrd Semester	=	82
Vth Semester	=	83

Ph.D Degree Course	=	507
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Total	=	4912
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Table 1 shows yearwise breakup of students' statistics for B.Tech. programme.

Table 1: Students Statistics Yearwise for B.Tech. Programme													
Class/Course		Total Enrolment			Scheduled Castes Enrolment			Scheduled Tribes Enrolment			Backward Class Enrolment(OBC)		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13
B.Tech													
2012	Comp	72	16	88	14	1	15	4	2	6	20	5	25
	EC	113	21	134	14	3	17	9	1	10	31	6	37
	M	131	-	131	19	-	19	10	-	11	38	-	38
	E	108	21	129	16	5	21	6	9	10	35	8	38
	C	128	9	137	19	1	20	11	-	11	37	-	37
	IT	62	16	78	9	1	10	5	2	7	21	1	22
	IEM	79	6	85	12	1	13	7	-	5	23	3	26
2013	Comp	56	37	93	9	4	13	4	2	6	17	7	24
	EC	90	37	127	13	6	19	3	4	7	31	6	37
	M	138	03	141	18	1	19	10	1	11	-	37	37
	E	115	23	138	21	1	22	8	2	10	35	4	39
	C	121	14	125	19	2	21	6	4	10	35	1	36
	IT	55	30	85	9	5	14	2	4	6	18	6	24
	P & I.	77	10	87	10	1	11	4	1	5	22	2	24
2014	Comp	72	25	97	12	2	14	5	1	6	16	5	21
	EC	101	35	136	15	3	18	9	1	10	30	7	37
	M	148	1	149	20	-	20	12	-	12	37	-	37
	E	115	24	139	18	3	21	6	4	10	33	4	37
	C	130	14	144	20	2	22	7	3	10	37	-	37
	IT	65	19	84	8	4	12	2	2	4	20	2	22
	P & I.	72	4	76	13	-	13	2	-	2	21	1	22
2015	Comp	72	17	89	13	1	14	5	1	6	22	4	26
	EC	86	50	136	15	5	20	9	3	12	24	13	37
	M	135	3	138	19	1	20	12	-	12	40	1	41
	E	117	19	136	18	3	21	9	1	10	37	6	43
	C	128	12	140	18	3	21	8	2	10	40	2	42
	IT	72	19	91	10	4	14	5	1	6	22	2	24
	P & I.	73	12	85	10	4	14	5	-	5	20	3	23

4.5 THE HOSTELS

MANAGEMENT OF HOSTELS

The Institute has 10 boys' and 3 girls' hostels. Three boys hostels for B.Tech. students with a capacity of 250 each are three seaters. Two boys' hostels for B.Tech. students with a capacity of 350 seats each, two boys' hostels for P.G. students/research scholar with a capacity of 150 seats and 350 seats are all single seaters. Recently, the Institute has constructed one Mega boys' hostel with a capacity of 1000 seats to cope up the increased strength of B.Tech. and M.Tech. students. Three Girls' hostels are with capacity of 120 seats, 200 seats & 300 seats. There are single, double and triple seated rooms in these hostels.

All rooms in the hostels have been provided with furniture and ceiling fans. Each hostel is a self contained unit with its own mess and common room. Common room facilities include newspapers, magazines, indoor games and a colour television set. Each student is expected to respond to the role assigned to him/her in the community life of the hostel.

ADMINISTRATION

Each boys' hostel is looked after by two members of the teaching faculty who act as Wardens. Every girl hostel has a full time lady Resident Warden. The overall coordination of working is done by Deputy Chief Warden and Chief Warden.

4.6 SCHOLARSHIPS/ASSISTANCE-SHIP

Merit-cum-means and other Scholarship for B.Tech.

84 Merit Scholarships are awarded by the Institute (as per conditions laid down) for each year of B.Tech Degree courses. In addition to these, National Scholarships, Post-metric Scholarship and many other stipends are awarded by various Government institutions and other agencies.

Students receiving a Merit Scholarship or Merit-cum-Means Scholarship or stipend are not permitted to receive any other scholarship/stipend. In case he/ she is in receipt of any other Scholarship or stipend it must be surrendered and amounts received refunded before a Merit Scholarship or Merit-cum-Means Scholarship can be claimed. Loans or a single cash Prize however does not debar a student from eligibility for the Merit Scholarship or Merit-cum-means Scholarship. A Scholarship which falls vacant due to any reason is awarded to the next eligible candidate in order of merit.

Subject to availability, a small number of Merit-cum-Means Scholarship may be awarded to students in higher classes also on the aggregate of two semester examination in the previous year provided the students have secured 60% or more

marks in one attempt in each of the two semester examinations in the previous year and they fulfill the eligibility conditions for the Merit-cum-Means Scholarship.

Alumni Association Scholarship

The NITK Alumni Association awards scholarships and financial assistance to the needy students.

Scholarships for M.Tech students

A scholarship of Rs. 12400/- p.m. per student is awarded to all eligible students pursuing a regular course of study of M.Tech. Only those candidates who have qualified the GATE examination are eligible for the award of scholarships.

4.7 GAMES AND SPORTS

The Engineering Curriculum demands dedicated and sustained efforts from every student. As a result, students remain busy with their studies throughout the year.

Nevertheless, realizing the importance of sports and games in the overall development of the students, Institute has provided several sports facilities to the students.

NIT Kurukshetra is the only institution which introduces the physical education as a compulsory subject (practical only) for all the B.Tech. Ist year students. Almost all students of institute come to sports grounds daily for their physical fitness. This is the only Engg. institution which conducts inter year tournaments in all games and sports every year. Almost all Inter-Class Tournaments in various games and sports were organized this year too.

Institute's Badminton, Basketball, Chess, Football, Table Tennis and Volleyball teams participated in the Sports Fest. Chess (Girls) team got Gold Medal in Spardha'15 organised by Indian Institute of Technology, BHU. NIT Kurukshetra organized Basket Ball (Boys and Girls), Volley Ball and Chess tournament under Inter Technology University Sports Association. Volleyball and Chess(Girls) Teams got Ist position. Institute Athletic Team got Istpostion in ITUSA Athletics Tournament organized by Thapar University Patiala and 3rdpostion in All India Inter NIT Atheletic Tournament organized by MANIT Jaipur.

4.8 AWARDS

Undergraduate students of B.Tech. Degree Course are eligible for a number of Honours, Awards, Scholarships and other financial assistance based on their academic performance, means, requirements etc.. Chief among these are Medals awarded to the toppers in the various disciplines, citation of names in the

Institute Roll of Honour and the Award for the Best All-rounder. While the Medals and Certificates of merit awarded by the Institute are for purely academic achievements, the Best All Rounder Award is for Students who achieve scholarship with sportsmanship and excellence in other extra-mural activities.

MEDALS

Gold Medals along with a cash award of Rs. 5,000/- are awarded to the students who secure 1st position in the final examination in all disciplines of NIT Kurukshetra.

4.9 EXAMINATION DETAILS

UNDERGRADUATE COURSES

Discipline	No. Appeared	No. Passed	Name & Roll No. of students Securing Highest Marks	CGPA
Computer	94	72	Sagunkush 111297	9.8924
Civil	122	81	Sudip 111491	9.5362
Electronics & Comm. Engg.	124	96	Priyanka 111426	9.4357
Electrical	139	108	Mrityunjay Varshney 111219	9.6095
Mechanical	138	101	Shubam Kumar Jaswal 111246	9.6416
P & I.	66	41	Kanupriya Jawa 111697	9.4035
IT	68	53	Kunika Goel 111246	9.6416
Total	751	552		

POSTGRADUATE COURSES

M.Tech.	No. of Students Passed
Computer Engg.	22
Electronics & Comm. Engg.	19
Mechanical Engg. (Thermal)	20
Mechanical Engg. (I & P)	18
Mechanical Engg. (Machine Design)	18
Electrical Engg. (Power System)	23
Electrical Engg. (Control System)	16
Electrical Engg. (PED)	13
Civil Engineering (Environmental)	13
Civil Engineering (Soil Mechanics & Foundation)	15
Civil Engineering (Structural)	17

Civil Engineering (Transportation)	17
Civil Engineering (Water Resources)	12
Instrumentation	13
Nanotechnology	05
School of VLSI Design & Embedded Systems (VLSI)	29
School of VLSI Design & Embedded Systems (Embedded System Design)	17
School of Renewal Energy and Efficiency (Renewable Energy Systems)	14
Total	301
MBA	35
MCA	81

4.10 TRAINING AND PLACEMENT

TRAINING

It is mandatory for all B.Tech. students to undergo practical training twice during their four-year stay in the Institute. The students undergo first practical training after 4th semester and the second after 6th semester. This training takes place during the summer vacations in establishments approved by the Institute. All expenses are to be borne by the students. After completion of the training period, students are required to submit a report which is evaluated in the Institute. While undergoing practical training, the students are expected to conform to the rules of the organization in which they are taking training. They are subjected to the orders and disciplinary control of the concerned organizations.

SURVEY CAMP

Second year B.Tech. degree students of Civil Engineering are required to attend a survey camp during summer vacations. The Institute bears only limited expenses for this camp.

PROJECT TOURS

All students of final and pre-final years of B.Tech. are required to go on short project tours as and when arranged by the Institute. The Institute provides a bus for these tours but all other expenses are borne by students.

EDUCATIONAL TOURS

B.Tech. students of third and final years are required to go on short educational tours as arranged by the Institute.

PLACEMENT

The number of companies visited and jobs offered disciplinewise are as given below:

Discipline	No. of companies which conducted interviews	No. of jobs*
Computer Engg.	60	84
Information Technology	55	79
Electronics & Comm. Engg.	50	71
Mechanical Engg.	45	109
Electrical Engg.	46	76
Civil Engg.	35	51
Production & Industrial Engg.	28	29
MCA	40	56
M.Tech.	35	71
MBA	07	06

Note : *Some students were selected by more than one company.

5.0 RESEARCH AND DEVELOPMENT ACTIVITIES

5.1 Ph.D. PROGRAMMES

Facilities are available in the Institute for research leading to the Degree of Doctor of Philosophy in the following areas of Engineering and Technology:-

Civil Engineering Department

1. Structural Engineering and Concrete Technology
2. Hydraulics and Water Resources
3. Soil Mechanics and Foundation Engineering
4. Geotechnique/Rock Mechanics
5. Highway/Transportation Engineering
6. Environment/Public Health Engineering
7. Remote Sensing/Advanced Surveying

Electrical Engineering Department

1. Reliability Engineering
2. Digital Signal Processing
3. Control Systems Theory and Applications
4. Electrical Machines
5. Wind Energy Conversion
6. Power Systems Dynamics and Stability
7. FACTS
8. Power Electronics
9. Power System Restructuring
10. Genetic Algorithms Applications
11. Robust Control
12. Robotics
13. Electric Drives
14. Digital Instrumentation and Control
15. Linear Control Systems
16. Microprocessor Based Systems
17. Power Quality Control in Power Systems
18. Control Applications in Power Drives
19. Artificial Intelligence
20. High Voltage Engineering
21. DSP Applications

Mechanical Engineering Department

1. Thermal Sciences
2. Energy Management Design
3. Production and Industrial Engg.
4. CAD/CAM
5. Mechanical Design

Electronics & Communication Engineering Department

1. Mobile Communication
2. Digital Signal Processing
3. Digital Communications
4. Microelectronics & Modeling of semi conductor devices
5. VLSI Design
6. Image Processing
7. CDMA Systems
8. Reconfigurable Systems
9. Low Power VLSI Design
10. Wireless Broadband Access Technologies
11. Mobile Computing
12. Wireless Sensor Networks

Computer Engineering Department

1. Operating Systems
2. Computer Networks
3. Distributed Computing
4. Software Engineering
5. Object Oriented Technology
6. Database and Data Mining
7. Natural Language Processing

Physics Department

1. High Energy and Radiation Physics
2. Nano Technology
3. Solid State Nuclear Track Detectors
4. Polymer Physics
5. Condensed matter Physics
6. Molecular Spectroscopy

Chemistry Department

1. Coordination Chemistry
2. Bio-inorganic Chemistry
3. Polymer Chemistry
4. Environmental Chemistry

Mathematics Department

1. Fluid Mechanics (Nano-Ferrofluids, Heat and Mass Transfer, Boundary Layer Theory)
2. Numerical Analysis
3. Algebra (Two Parameter Quantum Algebras and Special functions)
4. Fractional Calculus
5. Control Theory (Mathematical Modeling and Reliability Analysis of Robot Manipulators)
6. Functional Analysis (Fourier Approximation, Summability Theory, Wavelet)

Humanities & Social Sciences Department

1. English Language and Literature, Culture Studies, New Historicism, Kashmiri and South Asian Studies, Anglo Saxon and Medieval English (Pre Chaucerian) Poetry
2. Agricultural Economics, Industrial Economics, Indian Economy
3. Human Resources Management, Marketing Management and Financial Management
4. Intellectual Property Rights

MCA Department

1. Semantic Web Services
2. Synchronisation in Mobile Computing
3. Software Engineering
4. Web based Instructional System
5. Adhoc Network
6. Mobile Computing Techniques & Algorithms in Wireless and Computer Systems
7. Fault Tolerance in Distributed Computing
8. Secure Wireless Sensor Network
9. Semantic Web & Services

5.2 PhDs AWARDED AND IN-PROGRESS

No.	Department	Awarded	In-Progress
1.	Civil	-	69
2.	Electrical	01	90
3.	Mechanical	08	137
4.	Electronics & Comm.	04	54
5.	Physics	05	26
6.	Chemistry	02	25
7.	Mathematics	02	17
8.	Humanities	04	12
9.	Computer	04	39
10.	MCA	01	16
11.	MBA	-	05
12.	School of Renewable Energy and Efficiency	-	12
13.	School of Material Science and Nano-Technology	-	03
14.	School of VLSI Design and Embedded System	-	02
	Total	31	507

5.3 INSTITUTE-INDUSTRY COLLABORATION**CIVIL ENGINEERING DEPARTMENT**

- i) Doing Industrial Consultancy for Structures Design/Testing – Dr. S.K. Madan
- ii) Principal Investigator of sponsored Research Project entitled “Strengthening of Structural Elements using tyfo Fibrwrap Systems” sponsored by Fyfe Asia Pvt. Ltd., TT International Trade Park, Singapore through their Indian Agency M/s Cembond Construction, New Delhi- Dr. H.K. Sharma

5.4 INNOVATIONS AND TECHNOLOGY TRANSFER**CIVIL ENGINEERING DEPARTMENT**

Developed innovative methods for strengthening of structural element and transferred such technology to M/s Cembond Construction, New Delhi under collaborative research project.

5.5 Technical Education Quality Improvement Programme-II (TEQIP-II)

The Institute has been selected to participate in TEQIP-II, subcomponent 1.2, which aims at Scaling-up Postgraduate Education and Demand-Driven Research & Development and Innovation.

The major objective of TEQIP-II subcomponent 1.2 is to significantly increase enrolment in PG programmes in engineering disciplines and enhance engineering Research & Development and innovation by

- Improving the quality and relevance of the PG programmes
- Attracting more and better qualified PG students
- Improving faculty qualifications
- Increasing facilities for PG education
- Enhancing management of the institutions for more effective governance

6.0 THE COUNCIL, BOG AND OTHER COMMITTEES

6.1 INSTITUTE'S (NIT) COUNCIL

The composition of the Members of the Council shall be as under:-

1.	Minister of Human Resource Development, Government of India	Chairman
2.	Secretary, Department of Secondary and Higher Education, Ministry of HRD, Government of India	Member
3.	Principal Adviser (Education Planning Commission)	Member
4.	Secretary, Deptt. of Science & Technology, GOI	Member
5.	Director General, Council of Scientific & Industrial Research, Government of India	Member
6.	Secretary, Deptt. Of Biotechnology, Government of India.	Member
7.	Secretary, Atomic Energy, Government of India	Member
8.	Secretary, Deptt. of Information Technology, GOI	Member
9.	Secretary, Deptt. Of Space, Govt. of India.	Member
10.	Special Secretary/Addl. Secretary/ Educational Adviser(T), Department of Secondary & Higher Education, Ministry	Member
11.	Chairman, University Grants Commission	Member
12.	Chairman, All India Council of Technical Education	Member
13-14	Two Chairmen, Board of Governors of National Institute of Technology (by rotation)	Members
15-18	4 Directors of the National Institutes of technology (by rotation)	Members
19.	One Director of Indian Institute of Technology (by rotation)	Member
20.	One Director of Indian Institute of Management (by rotation)	Member
21-22	Two Secretaries of Higher/Technical Education from states where NITs are located (by rotation)	Members
23-24	Two persons from Industry nominated by the Central Government	Members
25.	Financial Adviser, MHRD, GOI	Member
26.	Joint Secretary, (Technical Education) Joint Educational Adviser (Technical Education), MHRD, GOI	Member-Secretary

6.2 BOARD OF GOVERNORS

The Board of Governors consists of the following persons, namely:-

- (a) the Chairperson, nominated by the Visitor;
- (b) the Director, ex officio;

- (c) two persons not below the rank of the Joint Secretary to the Government of India to be nominated by the Central Government from amongst persons dealing with technical education and finance;
- (d) two persons to be nominated by the Government of the State in which the Institute is situated, from amongst persons, who, in the opinion of that Government, are technologists or industrialists of repute;
- (e) two persons, at least one of whom shall be a woman, having special knowledge or practical experience in respect of education, engineering or science to be nominated by the Council;
- (f) Director of the IIT in whose zone the NIT is located
- (g) one Professor and one Assistant Professor or a lecturer of the Institute to be nominated by the Senate.
- (h) the Registrar, Secretary.

6.3 FINANCE COMMITTEE

The Finance Committee consists of following persons, namely:-

- (a) the Chairperson, ex officio, who is the Chairman of the Committee;
- (b) two persons nominated by the Central Government;
- (c) two persons nominated by the Board; and
- (d) the Director, Ex-officio.
- (e) the Registrar, ex-officio Member Secretary.
- (f) the nominee of the Govt. of Haryana.

6.4 BUILDING AND WORKS COMMITTEE

The Building and Works Committee consists of the following persons, namely:-

- (a) the Director, ex-officio, who is the Chairman of the Committee;
- (b) one person nominated by the Central Government not below the rank of Director or Deputy Secretary;
- (c) one person nominated by the Board from amongst its members;
- (d) the Registrar, ex-officio Member Secretary
- (e) Dean, Planning & Development.
- (f) One expert each from Civil, Electrical Engineering Wing of the Central or State Government or any autonomous body of the repute.

OTHER COMMITTEES

SENATE

The Senate consists of the following persons, namely:-

- (a) the Director, ex-officio, who is the Chairman of the Senate.

- (b) the Deputy Director, ex officio.
- (c) the Professors appointed or recognized as such by the Institute for the purpose of imparting instructions in the Institute.
- (d) three persons, one of whom shall be a woman, not being employees of the Institute, to be nominated by the Chairperson in consultation with the Director, from amongst educationists of repute, one each from the field of science, engineering and humanities.
- (e) such other members of the staff as may be laid down in the Statutes.
- (f) the Registrar, Secretary.

7.0 CONCESSIONS FOR SCs, STs, OBCs AND HANDICAPPED STUDENTS

7.1 CONCESSIONS PROVIDED FOR STUDENTS

15% seats for SC category, 7½% seats for ST category and 27% seats for OBC category are reserved for admission to the Under-graduate and Post-graduate courses. Moreover, 3% seats are reserved for Physically Handicapped students for admission to Under-graduate courses. These students can receive extra books from library as compared to General Category students. Concessional admission brochures are provided to SC/ST candidates for appearing in JEE examination conducted by CBSE. The Government also provides scholarships to SC/ST students. All SC/ST M.Tech. students have been granted tuition fee waiver from the even semester 2015-16.

7.2 CONCESSIONS PROVIDED FOR STAFF

TEACHING STAFF

15% reservation for SC category, 7½% reservation for ST category, 27% seats for OBC category and 3% reservation for physically handicapped candidates is provided at Assistant Professor level teaching posts as per reservation policy of Central Govt. However, there is no reservation for SC/ST/PH in teaching posts at Professor and Associate Professor levels.

NON-TEACHING STAFF

15% reservation for SC category, 7½% reservations for ST category, 27% seats for OBC category and 3% reservation for physically handicapped candidates is provided to all non-teaching posts as per reservation policy of Central Govt. The promotion and direct recruitment is being made according to the Post-Based-Roster Point.

8.0 FINANCIAL STATUS

8.1 ANALYSIS OF PLAN AND NON-PLAN GRANTS

Since inception of Institute, Government of India has been providing Plan Grant for development of Institute. Plan Grant is mainly released for construction of residences in the campus, hostel buildings construction/renovation of instructional building and other buildings, purchase of new equipments as well as for purchase of furniture for the Institute and hostels. On a perusal of the grant released by the Government of India for the last 10 years, Plan Grant to the tune of Rs. 900.00 lacs for 2006-07, Rs. 2315.00 lacs for 2007-08, Rs. 2756.00 lacs for 2008-09, Rs. 3944.00 lacs for 2009-10, Rs. 2200.00 lacs for 2010-11, Rs. 4100.00 lacs for the year 2011-12, Rs. 3300.00 lacs for the year 2012-13, Rs. 1500.00 lacs for the year 2013-14 and Rs. 3800.00 lacs for the year 2014-15 and Rs. 5300.00 lacs for the year 2015-16 are released.

8.2 SOURCES OF FUNDS

As per establishment of REC now known as NIT, Kurukshetra, the entire Non-plan expenditure on Undergraduate Courses was borne by Central and State Government on 50:50 basis. This practice remained intact upto 31.3.2003. Consequent upon conversion of REC to NIT, Government of India has taken over full administrative and financial control and the Central Government started bearing the expenditure on Undergraduate Courses on 100% basis. However, since the inception of the Institute, the expenditure on PG Courses is borne by the Central Government.

During the year 2015-16 funds to the tune of Rs. 5300.00 lacs and Rs. 6900.00 lacs under Plan and Non- Plan grant respectively has been released by the Department of Higher Education, Ministry of Human Resource Development, Govt. of India.

8.3 EXPENDITURE POSITION FOR LAST THREE YEARS

The position of expenditure from the year 2013-14 to 2015-16 is as under:

Items	(₹ in Lacs)		
	2013-14	2014-15	2015-16
Salary Paid to Faculty Staff	1963.23	2109.20	2484.58
Salary Paid to Non- Faculty Staff	785.25	778.84	920.00
Pension along with Arrears	4637.13	996.29	1082.29
Salary Paid for Ad-hoc Staff deployed in Institute including salary bill of daily wages employees	595.61	624.83	769.54
Allowances & Bonus	190.63	154.54	350.78

TA / DA expenses paid to Members & Experts	26.47	12.51	16.37
Employer's Net Contribution to GPF / NPS	26.78	26.30	160.35
Gratuity paid to employees on superannuation age	91.55	121.94	67.00
Printing Publications	8.00	10.06	26.35
Scholarships / Fellowships	536.88	648.65	991.60
Other Administrative Expenses	318.60	252.23	269.68
Electricity Charges	223.22	289.10	242.56
Maintenance of Campus & Computers	21.79	25.59	22.25
Library Expenses	1.01	130.25	90.03
Any other Expenditure	90.15	85.44	174.05
Outstanding Payments, if any	0.00	0.00	857.62
Gross Expenditure (₹)	9516.30	6265.77	8525.05

In addition of above, Institute is timely depositing their statutory dues with State and Central Government. Details of the Taxes collected & deposited during the financial year 2015-16 are as under:

Tax deducted at Source on Salary	₹ 397.64
Tax deducted at Source on Non- Salary	₹ 19.26
Service Tax on Rental Income	₹ 1.25
Service Tax on Consultancy Income	₹ 49.64

9.0 CENTRAL FACILITIES AND SERVICES

9.1 COMPUTER SERVICES CENTRE

ORGANIZATION

Centre of Computing and Networking (CCN) is the central computing and networking facility of the Institute entrusted with the following responsibilities:

1. Development of the computing and networking infrastructure
2. Maintaining and updating the Institute's website
3. E-mail services for the students, faculty and staff
4. Extending IT infrastructure for online tests for placement of the students
5. Development and operation of online applications

SERVICES

1. Antivirus solution
2. Anti-plagiarism web tool
3. Updates of the bilingual website
4. Printing and scanning facilities

ADMINISTRATIVE AND TECHNICAL KEY PERSONS

Prof. Brahmjit Singh
Er. Jagan Nath

Professor-In-Charge
Technical Officer

TIMING OF THE CENTRE

Monday to Friday	:	8.00 am to 12.00 midnight
Saturday & Sunday	:	8.00 am to 5.00 pm

NETWORKING FACILITIES

- Campus wide LAN on OFC backbone supported by two leased lines for internet access
 - 1 Gbps NKN Leased line
 - 300 Mbps
- Structured networking supporting 5200 nodes
- Wi-Fi Networking with the support of 1200 concurrent users

COMPUTING FACILITIES: HARDWARE RESOURCES

(a) Servers: 05 (b) Desktop PCs (i7): 100

Access Control/Security: UTM in HA mode

SOFTWARE PACKAGES

1. MatLab 8 with Modules
2. Mathematica 5.1 with Modules

Power Back-Up: 24 x 7 hrs

DG set: 63 KVA UPS: 41 KVA

9.2 WORKSHOP

The central Workshop comprises of the following fully equipped shops:-

- Machine Shop
- Fitting Shop
- Electrical Shop
- Welding Shop
- Pattern Making Shop
- Foundry Shop
- Production Technology Lab.
- Advance Manufacturing System Lab.

The Central Workshop imparts training to all First & Second semester students and Third and Fourth semester students of Mechanical Engineering and Production & Industrial Engineering discipline. The third year students are given projects involving work in the shops and the Fourth year students undergo specialized training in manufacturing processes. The Final year and Postgraduate students in the discipline utilize the facilities of Workshop in connection with their project and dissertations. Facilities exist for manufacture of components, parts and repair jobs. It helps the students to understand the actual behavior and hardship of the industrial work culture and helps in building the confidence of the students in the various manufacturing processes.

9.3 LIBRARY

Institute has a very spacious Library with good collection of documents. It includes text and reference books, videocassettes, CD-ROMs and large number of Print & On-Line Journals. The Library has reading facilities for 500 readers at a time and sufficient space for stacking of documents, Digital Library and Audio-Visual Centre. The total area of library is 36711 square feet.

STOCK

Stock Books	As on 1.04.2015	Added during 1.4.2015 to 31.03.2016	Total as on 31.3.2016
Library	54104	1180	55284
Book Bank	96791	2901	99692
Total	150895	4081	154976
Other Documents			
Back Sets	7097	-	7097
Standards	10097	-	10097
CDs/Video Cassettes	1284	-	1284
e-Books	7807	231	8038
Thesis	3621	611	4232
Grand Total	180801	4923	185724

CURRENT JOURNALS

Online journals +Indian Standard & British STANDARDS in Civil Engg.+ ASTM			
Standard+IEC Standard+ Fedget	:	4000+	
Print journals	:	105	
International	:	05	
National	:	86	
Gratis	:	14	
Total	:	<u>105</u>	

EXPENDITURE (2015-16)

Books	307345
Journals, e-resources and Newspaper and Magazine	20136239
Library Supply	151869
Library Binding	13014
Maintenance of Computer	84025
Material and Service Charges for Electro Copier	17650

E-resources through e-Shodh Sindhu Consortium (ESS) and subscribed by the Library

The NITK Library is a core member of e-Shodh Consortium (ESS) set up by MHRD. Approximately 5400+ e-resources are subscribed/provided through the Consortium. To access online resources in the institute premises, the library is providing services through internally maintained web server. All these resources/e-journals can be accessed through library intranet site <http://172.16.0.52>. The site provides the direct links to the following Electronic Resources:

1	ACI MCP + Journals	http://standards.bsbedge.com/	-
2	ACM Digital Library	http://dl.acm.org/dl.cfm	61
3	AIP	http://scitation.aip.org/	2
4	ASCE Journals + Proceedings	http://www.asce.org/	36
5	ASME Journals + Archives	http://asmedigitalcollection.asme.org/index.aspx	29
6	ASTM Jrls+Standards	http://www.astm.org	6
7	B S Civil Engg. Standards	Intranet Version	-
8	Cambridge University Press	http://journals.cambridge.org/	42
9	CapitaLine Database	www.capitaline.com	-
10	Economic & Political Weekly	http://www.epw.in	1
11	Emerald CFTI Collection	http://www.emeraldinsight.com	298
12	EzProxy for Remote Access	http://137.116.232.117:2048/login	-
13	FedGate for combined search	http://fedgate.cloudapp.net/	-
14	IEL ASPP + POP	www.ieeexplore.ieee.org/	298
15	ISID	http://isid.org.in	-
16	JGate Plus (JCCC)	http://jgateplus.com/search/	-
17	JSTOR	http://www.jstor.org	2500+
18	LNCS	http://link.springer.com	-
19	Nature	www.nature.com	1
20	NPTEL Web & Video Courses	Intranet Version	-
21	Oxford University Press	http://www.oxfordjournals.org/en/	262
22	Proquest Database: Thesis	http://search.proquest.com/	-
23	Sage: Imech Journals	http://online.sagepub.com/browse/by/title/	-
24	Science Direct Journals with Back Files (vol.1 Issue 1)	www.sciencedirect.com/	400
25	SciFinder Scholar	http://scifinder.cas.org	-
26	SIAM (2008-09)	Intranet Version	14
27	Springer Journals with Back Files (Engg. & Comp Sci)	http://link.springer.com/	1400+
28	Taylor & Francis (upto 2011)	http://www.tandfonline.com	245
29	Web of Science (Lease Access)	http://apps.webofknowledge.com	-
30	Wiley 2008 (53), 2015 (4), 2016 (7)	http://onlinelibrary.wiley.com	53
31	EBSCO eBooks	http://web.ebscohost.com	79
32	World Scientific: eBooks	http://www.worldscientific.com	73
33	Springer eBooks	www.ebooks.springerlink.com	5933
34	MGH: Access Engineering eBooks	http://accessengineeringlibrary.com	-

35	Elsevier (Science Direct) eBooks	http://www.sciencedirect.com	730+
36	CUP eBooks	http://ebooks.cambridge.org	198

User can directly visit the sites for search of Journals, Proceedings of Conferences, Standards, articles etc. covered under respective Electronic Resources.

LIBRARY AUTOMATION SYSTEM, WEB-OPAC & CIRCULATION:

Library is providing automated services in all sections of the Library using LIBSYS Software. Database of the Library is updated regularly and Readers can search the documents using Web-OPAC (Online Public Access Catalogue), available through Library website <http://172.16.0.52>

All the books are bar-coded and members are also given bar-coded membership card for smooth circulation of documents in the Library.

EZPROXY : Remote Access Service

To provide the off campus access to subscribed e-resources, the library has procured Ez Proxy software. The procedure to access the subscribed e-resources outside the campus is as under:

52.172.158.49:2048/login

SELF LEARNING RESOURCES/NPTEL

The Library has procured NPTEL web & video courses, educational video cassettes/ CDs/ Floppies prepared by IITs and other agencies for self-learning covering various areas of knowledge. A separate Audio-Visual Centre has been set up to promote the use of such non-book material.

The Library has a CD/DVD/NAS Server with 4TB (4000 GB) capacity and 40 computers. The server is capable to catch 1500-2000 CD/DVDs at a time. All the CDs received with books and magazines are loaded on the server. The Information loaded on the server can be accessed by students, faculty members and other readers through Library intranet.

FED GATE

A universal discovery search interface offers to the users a single point of live search facility for all e-resources subscribed by a library. This discovery service integrates the online databases, e-journals, e-books and any open access or subscription based re-source.

Fed Gate is single point entry to all the library resources and a stable landing page for remote users accessing the library resources from their homes.

UTILIZATION (USE OF LIBRARY)

Number of books issued during 2015-2016	:	196310
Number of visitors during 2015-2016	:	460527
Total No. of Membership during 2015-2016	:	1767

BOOK BANK

The Institute has a strong Book Bank collection, which caters to the needs of all the students. All UG/PG students are given five books for full semester from Book Bank. SC/ST students are given 3 extra books. Students can get five additional books against charges of Rs. 30/- per book.

REPROGRAPHIC SERVICES

A contractor is appointed to provide the Reprographic Services to the readers. Reproduction from books, periodicals & other materials is provided @50 paisa per copy.

BINDING

The Library has its own bindery. It is equipped with cutting, stitching, spiral binding and Lamination machines. During the period under report, 6383 Books, Institute Reports and Documents of the Departments/Sections have been bound/repared by the Binding section of the Library.

9.4 LABORATORIES**CIVIL ENGINEERING DEPARTMENT**

- Soil Mechanics
- Foundation Engineering
- Rock Mechanics
- Structural Engineering
- Concrete Technology
- Fluid Mechanics
- Irrigation Engineering
- Surveying
- Highway Engineering
- Public Health Engineering
- Geology
- Departmental Computer Centre

COMPUTER ENGINEERING DEPARTMENT

- Application & Systems Software Lab.
- Computer Networks Lab.
- Software Engineering & Web Engineering Lab.
- Computer Hardware & Trouble Shooting Lab.
- Thin Client Lab.
- Mobile Computing Lab.
- Wireless & Sensor Network Lab.
- Project Lab.

ELECTRICAL ENGINEERING DEPARTMENT

- Machines and Drives Lab.
- Power Systems Lab.
- Basic Electrical Engg. & Measurements Lab.
- High Voltage Engg. Lab.
- Control Systems & Reliability Engg. Lab.
- Power Electronics Lab.
- Computer Systems Lab.
- Microprocessor Lab.
- Instrumentation Lab.
- Signal and DSP Lab.
- Analog & Digital Electronics Lab.
- CAD Lab.
- Electrical Workshop

ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

- Computer Centre
- Basic Electronics Laboratory
- Advanced Electronics Laboratory
- VLSI Design (PG) Laboratory
- VLSI Design (UG) Laboratory
- DSP Laboratory
- Computing and Simulation Laboratory
- Communication Laboratory
- Microwave Laboratory
- Wireless Communication (PG) Lab.
- Microprocessor Laboratory
- Internet Application Laboratory
- Audio-Visual Laboratory

MECHANICAL ENGINEERING DEPARTMENT

- Applied Mechanics Lab.
- Strength of Materials Lab
- Dynamics of Machines Laboratory
- Vibration Lab.
- IC Engine Lab.
- Boilers & Steam Engine Lab.
- Refrigeration & Air Conditioning Lab.
- Energy Engineering Lab.
- Computer and Automation Centre
- Mechanical Measurements Lab.
- Heat Transfer Lab.
- Industrial Engineering Lab.
- Machine Tool Technology Lab.
- Metrology Lab.
- Advanced Welding Lab.
- CAD/CAM Lab.
- Fluid Mechanics and Hydraulic Machines Lab.
- Machine Vision Lab.
- Mechatronics Lab.
- Advance Manufacturing Technology Lab.
- Computational Fluid Dynamics Lab.
- Tribology Lab.
- Stress Analysis Lab.
- Design and Manufacturing Integration Lab.
- PRIDE Lab.
- Production Technology Lab.
- Entrepreneurship Development Lab.
- Mechanics of Machines Lab.

PHYSICS DEPARTMENT

- Undergraduate laboratory for experiments in Heat, Light, Sound, electricity and magnetism, Atomic Physics and Solid State Physics
- Postgraduate laboratory in Instrumentation
- Postgraduate Laboratory in Nanotechnology
- Research laboratory
- Highly sophisticated Instrumentation Lab (AFM, SEM, XRD, XRF, Nal, Env. Chamber, DC resistivity)
- Probe Station

- Potentiostat-Electrostat
- Spin Coater
- Nano Voltmeter, Electrometers, amplifiers etc.

CHEMISTRY DEPARTMENT

- Undergraduate Laboratory for qualitative and quantitative analyses of the sample salts, quantitative etc.
- Inorganic and Organic Research Lab.
- Spectral Lab for light scattering, Polarography, IR Spectra, FTIR, Spectrophotometer Experiments and Research Work

HUMANITIES AND SOCIAL SCIENCES DEPARTMENT

- Computer Lab.
- Language Lab.

9.5 HOSPITAL, BANK, POST OFFICE, SHOPPING CENTRE

HOSPITAL

Institute has a Health Centre and all students are provided medical aid at this center within the available resources. The Health Centre has Senior Medical Officer (SMO), Medical Officer, Dental Surgeon (Part-time) and supporting staff. Health Centre is equipped with Digital X-ray machine, Computerised E.C.G. machine, dental facilities and good laboratory for routine tests. Serious medical cases are sent to the LNJP (Civil) Hospital in Kurukshetra.

Whenever a student falls ill, he/she reports and seeks advice/medical aid from SMO without delay. Students are advised not to seek treatment from unauthorized medical practitioners.

Students are advised to approach LNJP (Govt. Civil Hospital) in case of Emergency. They are advised to bring Mosquito Net and the Mosquito repellent to prevent themselves from malaria fever. Further, they are advised to maintain cleanliness and proper hygienic atmosphere in their surroundings.

BANK AND POST OFFICE

To facilitate all financial transactions, a fully computerized branch of the State Bank of India functions in the Institute premises.

For the convenience of the students a Post-Office is operating in shopping complex. It provides Saving Bank facility plus provisions for Money Orders, Postal Orders, Postage, etc.

SHOPPING CENTRE

The Institute has a Shopping Centre equipped with all the basic commodities of the human beings for the residents of the Campus as well as for the hostel students.

9.6 PHYSICAL FACILITIES

Gymnasium Centre has been provided for health upkeep of students and staff members. It is fitted with the latest and state of the art equipments for different physical exercises.

9.7 GAMES & SPORTS FACILITIES

Extensive and well laid out fields for sports and games are available on the campus for the students. Badminton courts, Tennis courts with Chain Link Iron mesh around the courts, Cricket Pitch, Volleyball courts with Light and with Chain Link Iron mesh encloser and basketball and a stadium facilities are available to the students. Trained sports personnel help the students to develop their interest in games and coach them to acceptable standards.

9.8 OTHER FACILITIES LIKE HOSTELS, STAFF QUARTERS, ADMINISTRATION ETC.

a) MANAGEMENT OF HOSTELS

The Institute has 10 boys' and 3 girls' hostels. Three boys hostels for B.Tech. students with a capacity of 250 each are three seaters and two boys' hostels for B.Tech. students with a capacity of 250 each are single seaters, two boys' hostels for B.Tech. students with a capacity of 350 seats each, two boys' hostels for P.G. students/research scholars with a capacity of 150 seats and 350 seats are single seaters. The Institute has constructed one Mega boys' hostel with a capacity of 1000 seats to cope up the increased strength of B.Tech. and M.Tech. students. Three Girls' hostels are with capacity of 120 seats, 200 seats & 300 seats. There are single, double and triple seated rooms in these hostels.

b) STAFF QUARTERS

Category	Type of House	No. of Houses
A	Director's	01
B	BT-Type	20
	BA-Type	06
	BB-Type	16
	BC-Type	06

C	CT-Type	20
	CA-Type	13
	CB-Type	09
	AD-Type (AD-1,2,3,4)	04
	CC-Type	12
	AD-Type (AD-5,6)	02
	DA-Type	15
D	DB-Type	68
	Teacher's Flats (now Faculty House)	24
E	E-Type	24
F	F-Type	78
G	G-Type	92

ALLOTMENT

The quarters are allotted to the employees on the basis of seniority. One HAC committee has been constituted for the allotment of House as per the availability of the quarters on the request of employees.

c) CONFERENCE FACILITY

NITK has a state-of-the-art Senate Hall. It is an aesthetically designed and conveniently located conference facility. It is constructed on a raft foundation and RCC frame structure, incorporating earthquake resistant features. The unique architecture of the building depicts a combination of round and linear structure with a polycarbonate dome on the top. The Senate Hall makes the Institute well-equipped to hold conferences, seminars, workshops etc. All Lectures given by the Guest Faculty and Corporate Managers are arranged here.

d) STUDENT ACTIVITY CENTRE

Student Activity Centre provides facilities and the right environment to develop extra curricular skills among the students in addition to the academic knowledge rendered by the Institute. SAC has all the resources to help the students, pursue interests in various cultural activities. The following clubs are functioning under the SAC:

1. Music & Dance
2. Dramatics
3. Fine arts
4. Modeling

5. Literary & Debating
6. Photography
7. AVA
8. SPIC-MACAY
9. Hiking & Trekking

Inter hostels and inter Institute competitions are organized to inculcate the spirit of healthy competitions. In addition to this, National level cultural festival is organized every year. Students are also encouraged to compete in cultural activities with other technical Institutes. A talent show is organized every year to identify talent lying hidden among the first year students.

All these activities are organized by a committee of Secretaries of the Club and Faculty Incharge of various clubs under the overall guidance and supervision of President (Clubs).

e) NATIONAL CADET CORPS

National Cadet Corps is a vibrant youth organization which has made a commendable contribution in producing responsible and patriotic citizens of India. From a small beginning, today it has grown to the largest youth movement motivating and training the upcoming generations to render their meaningful contribution towards national integration and development.

The Institute has NCC Army Wing unit which has a sanctioned strength of 54 cadets. Enrolment to NCC is voluntary and is done on "First Come First Served" basis. NCC credo-unity and discipline is truly symbolic of the organization and NCC cadets of the Institute, dedicated to this motto, participate in the various activities of NCC which are Basic Training, Adventurous Activities, Social Service Activities, NCC Camps etc.

f) INSTITUTE MAGAZINE

The students bring out an annual Magazine, "THE HELIOS", in which technical and literary articles contributed by students are published in both English and Hindi. The Editorial Board also organizes various competitive activities like creative writing, cartooning, photography etc. so as to nurture creative talents among students of Institute.

g) NITK ALUMNI ASSOCIATION

There is an Alumni Association to which all those who have passed an approved course of study from this Institute and members of teaching staff who have three years stay in the Institute are eligible to become members on payment of subscription.

The Association strives to develop and promote a feeling of fraternity amongst the old students, the present students and members of the teaching staff of the Institute.

It maintains a record of all its members and keeps them informed of the activities and progress of this Institute through a newsletter and arranging get-togethers from time to time.

The Alumni Association also awards a scholarship of the value of Rs. 2400/- per annum to deserving candidates.

10.0 NOTABLE ACHIEVEMENTS

10.1 PAST ACHIEVEMENTS

1. Institute was awarded International Standard Organization (ISO) 9002 Certificate in February, 2001. This certificate was awarded by the Govt. of India, Ministry of Information Technology, for the departments of Electronics & Communication as well as Computer Engineering.
2. Technical Education Quality Improvement Programme (TEQIP), funded by World Bank, aims to upscale the on-going initiatives of GOI to enhance efficiency and dynamism in technical education. It was launched by MHRD as a Rs. 1550 crore programme during 10th Plan. Haryana is one of the six states which was selected to participate in the first cycle of the first phase of the programme, based on their commitment and preparedness for the project. The agreements were signed in February 2003 between GOI, the six participating states and World Bank.
3. Central Government has taken over full administrative and financial control of this Institute w.e.f. 14.5.2003. The plan and non-plan expenditure of the Institute are being borne entirely by the Central Government from the financial year 2003-04 onwards.
4. National Board of Accreditation (NBA) has accredited our four Undergraduate Degree Level Programmes in Engineering and Technology such as Electronics & Communication Engineering, Mechanical Engineering, Electrical Engineering and Civil Engineering for five years w.e.f. 19.3.2004 on the basis of current standard maintained by Institute for the Academic Excellence.
5. Institute has signed Memorandum of Understanding with the Govt. of India, Department of Secondary & Higher Education, Ministry of Human Resource Development, New Delhi on 1.12.2003 for the years 2003-08, consenting on the commitments and targets formulated by the Ministry for the said period.
6. As per directions of the MHRD and the initiative of the Director, a 20-year roadmap for the Institute was prepared. A committee was constituted to set the goals and draw up the roadmap. It was felt that Institute needs to be prepared to face the challenges of the future. Rapid advances in the field of engineering and technology necessitated commencement of new courses in emerging areas and initiatives to facilitate enhanced research. This, in turn, called for upgradation of facilities and strengthening of faculty and staff.
7. Institute entered into an agreement of cooperation with Tata Consultancy Services Ltd. for providing Software Engineering Training to the selected students of TCS, without any financial liability on the part of the Institute. The classes for the said training were held after Institute working hours/week-ends. However, TCS made some payments to the Institute, faculty and the students towards providing training to the selected students of TCS. The relationship is committed for 3

consecutive academic years starting from Academic year 2005-06. The agreement can be renewed after three years, based on mutual agreement.

8. Institute, since its inception, received electricity supply from State Electricity Board (UHBVN) through L.T. connections. With expansion in infrastructure, electric load of Institute increased manifold and UHBVN refused to release further LT connections. UHBVN was ready to provide bulk electricity supply through HT connections. For this purpose, Institute took initiation for the installation of HT/LT sub station in the Institute. Board of Governors in its 6th meeting has approved the installation of HT/LT sub station in the Institute to fulfil the increasing Electricity needs of the Institute. The Govt. of India also released Rs. 100.00 lacs to initiate the work.

9. In order to automate/computerize the activities of various sections/branches/departments of Institute as an integrated system (Decision Support System), Institute has entered into an agreement with Master's Software, Nagpur. A committee has also been constituted to check all the activities of the DSS and observe the lacuna in the proper coordination of the system. The said company is providing training and knowledge to the staff of the Institute with regard to the automation system.

10. A special initiation has been taken by the Institute for the development of research activities in the Institute to boost the status of the Institute equivalent to IIT.

11. As per directions of HRD Ministry, Institute has started its Website in the Institute. In order to strengthen the Institute Website and to make it more user friendly, informative and presentable, a committee has also been constituted for the website development, information uploading, maintaining, proper vetting and scrutiny.

12. Institute was actively engaged in providing the consultancy services to various Govts., Semi-Govts. and Private organizations. During the period from 1.4.14 to 31.3.15, one thousand one hundred seventy three (1173) consultancy jobs were finalized by the Institute and earned around Rs. 295.62 lacs as consultancy fees.

13. The first year of the 20-year Road Map- 2006 was a bold initiative by way of increased intake and new courses. The Ministry of Human Resources Development approved the following new courses for PG and UG Programme with an intake mentioned against each in addition to enhancing the existing intake of some courses:-

UNDERGRADUATE COURSES - B.TECH. DEGREE COURSES

Courses of study were offered in the following disciplines:

<u>Discipline</u>	<u>No. of seats</u>
Civil Engineering	140
Electrical Engineering	140
Mechanical Engineering	138
Electronics & Communication Engineering	138
Computer Engineering	92
Production & Industrial Engg.	92
Information Technology	92
Total	832

Note: Dasa/NRI students can be admitted upto 15% over and above of the sanction strength of B.Tech. (i.e. 15% of 832)

POSTGRADUATE COURSES - M.TECH. DEGREE COURSES

The seats available for admission through CCMT-2015 are given below:

Deptt./ School	M.Tech. Programme	OP	OBC	SC	ST	OP PWD	OBC PWD	SC PWD	ST PWD	Total
Civil Engineering	Soil Mechanics & Foundation Engg.	9	5	3	1	-	-	-	-	18
	Structural Engg.	9	5	4	1	-	-	-	-	19
	Water Resources Engg.	9	4	3	1	-	-	-	-	17
	Transportation Engg.	9	4	4	1	-	-	-	-	18
	Environmental Engg.	9	6	2	1	1	1	1	-	21
Electrical Engineering	Power System	10	5	3	2	-	-	-	-	20
	Control System	10	5	4	1	-	-	-	-	20
	Power Electronics & Drives	10	5	3	1	1	-	-	-	20
Electronics & Comm. Engg.	Electronics & Comm. Engg.	12	6	4	2	-	-	-	-	24
Physics	Instrumentation	10	5	3	2	-	-	-	-	20
	Nanotechnology	9	6	2	2	1	-	-	-	20
Mechanical Engg.	Industrial & Production Engg.	10	5	4	1	-	-	-	-	20
	Machine Design	10	5	4	1	-	-	-	-	20
	Thermal Engineering	11	6	2	3	-	1	-	1	24
Computer Engg.	Computer Engg.	13	7	3	1	-	1	-	-	25
	Cyber Security	9	5	3	2	1	-	-	-	20

Chemistry	Molecular Engg. & Advanced Chemical Analysis	9	5	3	2	1	-	-	-	20
School of VLSI Design & Embedded System	VLSI Design	14	8	3	4	2	1	-	-	32
	Embedded System Design	9	5	3	2	-	-	1	-	20
School of Renewable Energy & Efficiency	Renewable Energy Systems	9	5	3	2	1	-	-	-	20
School of Biomedical Engg.	Biomedical Engg.	9	5	3	2	1	-	-	-	20
School of Material Science & Nano technology	Material Science & Nano technology	9	5	3	2	1	-	-	-	20
GRAND TOTAL		218	117	69	37	10	4	2	1	458

The Institute made admissions directly through Institute level counseling in the academic session 2015-16 on sponsored seats for all branches and specializations. The number of seats available in each category for admission through this mode are given below:

(ii) Sponsored seats:

Deptt./ School	M.Tech. Programme	OP	OBC	SC	ST	OP PWD	OBC PWD	SC PWD	ST PWD	Total
Civil Engineering	Soil Mechanics & Foundation Engg.	3	1	1	-	-	-	-	-	5
	Structural Engg.	3	1	1	-	-	-	-	-	5
	Water Resources Engg.	2	2	-	1	-	-	-	-	5
	Transportation Engg.	2	1	1	-	-	1	-	-	5
	Environmental Engg.	2	1	1	1	-	-	-	-	5
Electrical Engineering	Power System	2	2	0	1	-	-	-	-	5
	Control System	2	2	1	-	-	-	-	-	5
	Power Electronics & Drives	3	1	1	-	-	-	-	-	5
Electronics & Comm. Engg.	Electronics & Comm. Engg.	3	1	1	-	-	-	-	-	5
Physics	Instrumentation	2	2	1	-	-	-	-	-	5
	Nanotechnology	2	2	-	-	1	-	-	-	5
Mechanical Engg.	Industrial & Production Engg.	2	2	0	1	-	-	-	-	5
	Machine Design	2	1	1	-	1	-	-	-	5
	Thermal Engineering	3	1	1	-	-	-	-	-	5
Computer Engg.	Computer Engg.	3	1	1	-	-	-	-	-	5
	Cyber Security	2	1	1	1	-	-	-	-	5

Chemistry	Molecular Engg. & Advanced Chemical Analysis	2	1	1	1	-	-	-	-	5
School of VLSI Design & Embedded System	VLSI Design	3	1	1	-	-	-	-	-	5
	Embedded System Design	3	1	1	-	-	-	-	-	5
School of Renewable Energy & Efficiency	Renewable Energy Systems	2	1	1	1	-	-	-	-	5
School of Biomedical Engg.	Biomedical Engg.	2	1	1	1	-	-	-	-	5
School of Material Science & Nano technology	Material Science & Nano technology	2	2	1	-	-	-	-	-	5
GRAND TOTAL		52	29	17	9	2	1	-	-	110

14. Responding to an increasing demand for Management Graduates in the country and keeping in line with its stated goal of regularly adding new courses, a self sustaining 2 years Course Master of Business Administration (MBA) was introduced in the Institute from the session 2006-07 with an intake of 60 students (presently 90 seats).

15. Institute has signed an MOU with Hewlett Packard India Software Operation Private Limited (HPISO). Accordingly, the Institute will involve its Computer & Electronics Engineering students in industry-oriented live project, thereby benefiting students, faculty and industry. This understanding came into effect in May 2006.

16. An MOU was signed between NITK, Institute for Sustainable Development and Research (ISDR), Mumbai and Muktainagar Taluka Education Society (MTES), Muktainagar, Maharashtra, to actively support sustainable development, through R&D programs, at the national, regional and local levels. The MOU also envisages developing joint socio-economic development programs. Natural Disaster Management and Rehabilitation programs and ensuring appropriate co-operation and support for Government/NGO organized and assisted programs.

17. M/s Altair Engineering has agreed upon to supply the commercial version of the software worth 6.5 crore rupees at a concessional price of Rupees 20 lac plus taxes which includes AMC and upgradation to new versions for a period of three years for this center of excellence.

18. Students Placement record of our Institute is excellent all through. In the batch just passed out, all eligible students got good package jobs. Several students got two or three job offers. Further, MBA Department has provided both Summer and

Final placements to all the students in National and International organizations like Pepsi, Coke, Ranbaxy, ICICI Lombard, Max New York, Canon, Vestas, IDBI, HSBC, Globus Infocom, Copal Partners, ACE Data Devices etc.

19. To make the Institute as a Centre of Excellence, the Institute has signed following Memorandum of Understandings (MOUs): -

- With TCS and HP (India) to cooperate in making NIT Kurukshetra as a Centre of Excellence.
- With Institute for Sustainable Development & Research (ISDR), India to actively support sustainable development, Natural Disaster Management and Rehabilitation programme.
- With DST, Govt. of India under TIFAC Scheme to study technology gap in (a) Scientific Instruments Industry Cluster at Ambala; (b) Agricultural Implements Industry Cluster at Karnal.
- With Altair Engineering, India regarding setting up a Centre of Excellence in the emerging field of Computer Aided Engineering (CAE) at NIT Kurukshetra in the year 2007.
- With Agence Edufrance & n+i Engineering Institutes Network for academic collaboration.

20. NIT Kurukshetra has bench marked itself not only with Institutes of excellence in Country but also with International Institutions abroad. During November 2007, Institute signed an MOU with University of Concordia, Montreal, Canada, with the objective of promoting academic linkages. The Institute also received a French delegation representing various Universities and Institutes in France to explore the possibilities of collaborating in teaching and research.

21. Director of the Institute has been nominated for "Socrates International Award" in this year by Europe Business Assembly (United Kingdom).

10.2 ACHIEVEMENTS DURING THE YEAR 2015-16

The following Construction works were finished during the year 2015-16

1. Replacement of C.I./A.C. water supply lines with Centrifugally Cast (Spun) Iron Pipes Class L.A. in the Residences, Hostels & Instructional Building at NIT, Kurukshetra
2. Construction of 600 Seater Girls Hostel (Multi-Storeyed Framed Structure, Ground Floor+5) at NITK
3. Providing & Installation of 16/20 meter High Mast lights at Sports Ground and various other location at NITK.
4. Provision of Aviation Light & Lightening conductor in the Mega Boys Hostel (1000 capacity) at NIT, Kurukshetra.

5. Provision of DG power backup at various locations in the Institute covering instructional buildings and related facilities at NIT, Kurukshetra.
6. Provision of DG power backup in boys & girls hostels at NIT, Kurukshetra (Boys 230.44 + Girls 89.74) = 230.18
7. Provision of re-surfacing and widening of existing roads in residential campus and institutional area at NIT, Kurukshetra.
8. Replacement of existing LT Panels with MCCB's in the Institute at NIT, Kurukshetra.

The following works are under progress :

- 1 Construction of Sewage Treatment Plant (STP) at NIT, Kurukshetra.
- 2 Construction of Boundary Wall (left out stretches) for a length of about 800 metres. And gate (near UHBVN office) at NIT, Kurukshetra
- 3 Preparation of Institute Master Plan of NITK.
- 4 Construction of 300 Seaters Multi-purpose boys hostel including 100 suits for foreign students, research scholars and married PG Students. (Multi-storeyed framed structure). (Ground Floor +5).
- 5 Replacement of existing Electrical wirings in Instructional building at NIT, Kurukshetra:
 - i. Replacement /rewiring of A1 Wiring with copper wiring in Electrical Engineering Department. (Estimated Cost = 142.72 Lac)
 - ii. Replacement/rewiring of A1 Wiring of A1 Wiring with copper wiring in old Adm. Block. (Estimated Cost = 140.22 Lac)
 - iii. Replacement/rewiring of A1 Wiring with copper wiring in Examination Cell, Mechanical Engineering Department & Civil engineering Department. (Estimated Cost = 110.17 Lac)
 - iv. Replacement /rewiring of A1 Wiring with copper wiring in Electronics & Communication, CCN Department & Exam Hall. (Estimated Cost = 162.76 Lac)
- 6 Provision of Permanent/Temporary Huts for security guards at various locations in the Institute at NIT, Kurukshetra.
- 7 Providing Concertina coil over the Institute boundary for security purpose at NIT, Kurukshetra
- 8 Providing & Installation of Electrical Sub-station HT/LT Distribution and feeder pillars in residential area at NIT, Kurukshetra.

11.0 ANNEXURES

11.1 INSTITUTE'S (NIT) COUNCIL

The composition of the Members of the Council is as under:-

1.	Minister of Human Resource Development, Government of India	Chairman
2.	Secretary, Department of Secondary and Higher Education, Ministry of HRD, Government of India	Member
3.	Principal Adviser (Education Planning Commission)	Member
4.	Secretary, Deptt. of Science & Technology, GOI	Member
5.	Director General, Council of Scientific & Industrial Research, Government of India	Member
6.	Secretary, Deptt. of Biotechnology, Government of India.	Member
7.	Secretary, Atomic Energy, Government of India	Member
8.	Secretary, Deptt. of Information Technology, GOI	Member
9.	Secretary, Deptt. Of Space, Govt. of India.	Member
10.	Special Secretary/Addl. Secretary/ Educational Adviser(T), Department of Secondary & Higher Education, Ministry	Member
11.	Chairman, University Grants Commission	Member
12.	Chairman, All India Council of Technical Education	Member
13-14	Two Chairmen, Board of Governors of National Institute of Technology (by rotation)	Members
15-18	4 Directors of the National Institutes of technology (by rotation)	Members
19.	One Director of Indian Institute of Technology (by rotation)	Member
20.	One Director of Indian Institute of Management (by rotation)	Member
21-22	Two Secretaries of Higher/Technical Education from states where NITs are located (by rotation)	Members
23-24	Two persons from Industry nominated by the Central Government	Members
25.	Financial Adviser, MHRD, GOI	Member
26.	Joint Secretary,(Technical Education) Joint Educational Adviser (Technical Education),MHRD,GOI	Member-Secretary

11.2 BOARD OF GOVERNORS

Sr.No.	Composition	Members
1.	Chairperson	Dr. A. Sivathanu Pillai (upto 07-06-2015) 16, Cariappa Marg, Kirby Place Delhi Cantt., New Delhi Sh. Jagdish Khattar (w.e.f. 18-01-2016) A-110 Sector - 5, Noida (UP)
2.	Director- ex officio	Prof. Anand Mohan Director NIT Kurukshetra
3 & 4.	Two Nominee of Central Govt. (persons dealing with Technical Education & Finance)	Joint Secretary (NITs & DL) Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi Joint Secretary & Financial Advisor Integrated Finance Division Ministry of Human Resource Development Department of Higher Education, Shastri Bhawan, New Delhi
5 & 6	Two Nominee of State Govt. (Techno-logists or industrialists of repute)	Principal Secretary to the Government Technical Education Haryana Chandigarh Director General Technical Education Department Government of Haryana Chandigarh
7 & 8	Two persons having special knowledge in respect of education, engg. or science	Dr. Chandra Shekhar Director Central Electronics Engg. Research Institute, Pillani (Rajasthan) Prof. (Ms.) Sneha Anand Professor & Head Centre for Biomedical Engineering Indian Institute of Technology Hauz Khas, Delhi

9.	Director of the IIT in whose zone the NIT is located	Director or his nominee Indian Institute of Technology Ropar (Punjab)
10.	One Professor of the Institute	Prof. A.K. Gupta Professor Electronics & Communication Engg. NIT Kurukshetra
11.	One Associate Prof. of the Institute	Dr. C.R. Mariappan Assistant Professor, Physics Department, NIT Kurukshetra
12.	Secretary	Registrar NIT Kurukshetra.

11.3 FINANCE, BUILDING AND WORKS AND OTHER COMMITTEES

FINANCE COMMITTEE

Sr.No.	Composition	Members
1.	Chairperson, Board of Governors, Ex-officio	Dr. A. Sivathanu Pillai (upto 07-06-2015) Sh. Jagdish Khattar (w.e.f. 18-01-2016) Hon'ble Chairperson, Finance Committee, NIT Kurukshetra
2	Director-ex officio	Prof. Anand Mohan Director, NIT Kurukshetra
3 & 4	Joint Secretary dealing with NIT and Financial Advisor (HRD)	Joint Secretary (NITs & DL) Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi. Joint Secretary & Financial Advisor (IFD) Government of India Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan New Delhi

5.	Two persons nominated by the Board	Prof. (Ms.) Sneh Anand Professor & Head Centre for Biomedical Engineering Indian Institute of Technology Delhi Director Indian Institute of Technology Ropar, Punjab
6.	Ex-Officio Member-Secretary	Registrar National Institute of Technology Kurukshetra

BUILDING & WORKS COMMITTEE

Sr.No.	Composition	Members
1.	Chairman	Prof. Anand Mohan Director, NIT Kurukshetra
2.	One person nominated by the Central Government not below the rank of Director or Deputy Secretary	Nominee of the Central Government On the B&WC of the Institute, (to be nominated by the MHRD) Through Director (NITs) Deptt. of Higher Education MHRD, Shastri Bhawan New Delhi-110001
3.	One person nominated by the Board of Governors	Sh. K.N. Rai Former Chief Executive & Advisor Ministry of Defence (DRDO) C-4, 4112, Vasant Kunj New Delhi
4.	Dean, Planning & Development	Prof. V.K. Sehgal Dean (Planning & Development), NIT Kurukshetra.
5.	One expert from Civil Engineering Wing of the Central or State Government or any autonomous body of repute	Er. Mahender Pal Singh Superintending Engineer Chandigarh Central Circle CPWD 2 nd Floor, Kendriya Sadan Sector-9A Chandigarh

6.	One expert from Electrical Engineering Wing of the Central or State Government or any autonomous body of repute	Er. R.K. Sao Superintending Engineer (Elect.), Chandigarh Electrical Central Circle, CPWD, Chandigarh.
7.	Special Invitee	Dr. K.K. Singh Dean (Estate) NIT Kurukshetra Dr. Arun Goel Prof. In-charge (Estate & Const.) NIT Kurukshetra Dr. Saurabh Chanana Prof. I/C (EM), NIT Kurukshetra Sh. S.N. Kaushik Asstt. Engineer (Civil), NIT Kurukshetra
8.	Member-Secretary	Registrar, NIT Kurukshetra.

SENATE

Sr.No.	Composition	Members
1.	Ex-Officio Chairman	Prof. Anand Mohan Director, NIT Kurukshetra
2, 3 & 4	Three Educationists of repute	Prof. Konduri Raja Rajeswari Professor, Department of Electronics & Comm. Engg. & Principal Viswanadha Institute of Technology and Management, Mindivanipalem Village, Anandhapuram Mandal, Visakhapatnam Prof. Yashwant Singh Distinguished Professor Department of Physics Banaras Hindu University, Varanasi Prof. D.K. Nauriyal Department of Humanities & Social Science Indian Institute of Technology Roorkee Roorkee

5.	All Professors and such other members of the staff	<p>Dr. V.K. Arora Professor, Civil Engg. Department NIT Kurukshetra</p> <p>Dr. V.K Sehgal Professor & Dean (P&D), Civil Engg. Department, NIT Kurukshetra</p> <p>Dr. A.K.Gupta Professor Electronics & Comm. Engg.Deptt. NIT Kurukshetra</p> <p>Dr. A. Swarup Professor & Dean (FW), Electrical Engg.Deptt. NIT Kurukshetra</p> <p>Dr. Brahamjit Singh Professor Electronics & Comm. Engg.Deptt. NIT Kurukshetra</p> <p>Dr. (Ms.) Minati Baral, Professor, Chemistry Department, NIT Kurukshetra.</p> <p>Dr. D.K. Soni Professor, Civil Engg. Deptt. NIT Kurukshetra</p> <p>Dr. S.S. Rattan Professor, Mechanical Engg.Deptt., NIT Kurukshetra</p> <p>Dr. K.S. Sandhu Professor, Electrical Engg.Deptt., NIT Kurukshetra</p>
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		<p>Dr. Sudhir Kumar Professor, Mechanical Engg. Deptt., NIT Kurukshetra</p> <p>Dr. Baldev Setia Professor & Dean (Academic), Civil Engg. Deptt., NIT Kurukshetra</p> <p>Dr. Rajender Kumar Professor Department of Humanities & Social Sciences, NIT Kurukshetra</p> <p>Dr. S.K. Madan, Professor, Civil Engg. Deptt. NIT Kurukshetra</p> <p>Dr. H.K. Sharma, Professor, Civil Engg. Deptt. NIT Kurukshetra</p> <p>Dr. Lillie Dewan, Professor, Electrical Engg. Deptt. NIT Kurukshetra</p> <p>Dr. S.N. Sachdeva, Professor, Civil Engg. Deptt. NIT Kurukshetra</p> <p>Dr. Dixit Garg, Professor, Mechanical Engg. Deptt., NIT Kurukshetra</p> <p>Dr. Sathans, Professor & Dean (SW) Electrical Engg. Deptt. NIT Kurukshetra</p>
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		<p>Dr. J.K. Quamara, Professor, Physics Deptt., NIT Kurukshetra</p> <p>Dr. Surjit Angra Professor, Mechanical Engg. Deptt., NIT Kurukshetra</p> <p>Dr. R.S. Bhatia Professor, Electrical Engg. Deptt. NIT Kurukshetra</p> <p>Dr. G.L. Pahuja Professor, Electrical Engg. Deptt. NIT Kurukshetra</p> <p>Dr. K.K. Singh Professor & Dean (Estate), Civil Engg. Deptt. NIT Kurukshetra</p> <p>Dr. Subodh Ranjan Professor, Civil Engg. Deptt. NIT Kurukshetra</p> <p>Dr. (Ms.) Ratna Dahiya Professor Electrical Engg. Deptt. NIT Kurukshetra</p> <p>Dr. Anupam Mittal Professor, Civil Engg. Deptt. NIT Kurukshetra</p> <p>Dr. Dinesh Khanduja Professor, Mech. Engg. Deptt. NIT Kurukshetra</p>
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		<p>Dr. Ashwani Jain Professor Civil Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Jitender Chhabra Professor Computer Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Paras Ram Professor Mathematics Deptt. NIT Kurukshetra</p>
		<p>Dr. Mahesh Pal Professor Civil Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Surinder Deswal Professor Civil Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. V.P. Singh Professor Civil Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. (Ms.) Pratibha Aggarwal Professor Civil Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. (Ms.) Saraswati Setia Professor Civil Engg. Deptt. NIT Kurukshetra</p>

		<p>Dr. Parveen Aggarwal Professor Civil Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. A.K. Singh Professor Computer Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Mayank Dave Professor & Dean (R&C) Computer Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. S.K. Jain Professor Computer Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Ashwani Kumar Professor Elect. Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. (Ms. Jyoti Ohri Professor Elect. Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. J.S. Lather Professor Elect. Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Yash Pal Professor Elect. Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Rajoo Pandey Professor Electronics & Comm.Engg.Deptt. NIT Kurukshetra</p>

		<p>Dr. Umesh Ghanekar Professor Electronics & Comm. Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Pankaj Chandna Professor Mech. Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. V.K. Bajpai Professor Mech. Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Gian Bhushan Professor Mech. Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Ajai Jain Professor Mech. Engg. Deptt. NIT Kurukshetra</p>
		<p>Dr. Ashavani Kumar Professor Physics Department NIT Kurukshetra</p>
		<p>Dr. (Ms.) Neena Jaggi Professor Physics Department NIT Kurukshetra</p>
		<p>Dr. Ashutosh Kumar Singh Professor Computer Application Department NIT Kurukshetra</p>
		<p>Dr. ASV Ravi Kanth Associate Professor Mathematics Department NIT Kurukshetra</p>

		Dr. Vikas Choudhary Professor Department of Humanities & Social Sciences, NIT Kurukshetra
		Dr. (Ms.) Kiran Mor Professor Department of Humanities & Social Sciences, NIT Kurukshetra
		Dr. Neeraj Kaushik Associate Professor Business Admn. Department NIT Kurukshetra
6.	Member-Secretary	Registrar NIT Kurukshetra

11.4 RESEARCH PROJECTS AND CONSULTATION JOBS

The Government of India has been releasing grant under the head Schemes i.e. MODROB, R&D, NBHM, SERB and Thrust Area. A large number of Schemes have been sanctioned as per details given below:

Sr. No.	Name of Scheme & Principal Investigator	Amount available upto 2015-16	Amount utilized upto 31.03.2016	Balance as on 31.03.2016
1.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. RP Chauhan	29.35	29.35	NIL
2.	Changing Water Cycle by Prof. KK Singh	11.09	10.46	0.63
3.	Distribution System Markets by Prof. Ashwani Kumar	9.30	6.35	2.95
4.	A Computational Approach Singularly Perturbed Differential Difference Equations with Delay as well as Advance by Associate Prof. ASV Ravikanth	6.11	5.07	1.04
5.	Supramolecular Fluorescent probes for the selective detection of biological signaling molecule (H ₂ S) and real time assay" by Dr. Amilan Jose Devadoss	19.30	18.36	0.94
6.	Silver Nano- Particle embedded bio-glasses: Electro- Thermal polling and	18.50	15.73	2.77

	Assessment of their bio compatibility by Dr. C.R. Marriapan			
7.	Dye- Sensitized Solar Cells: Giant Improvement in Efficiency using up-conversion by Dr. Ashok Kumar, Asstt. Prof. in Physics Deptt.	14.54	13.90	0.64
8.	Quantum Chemical design Synthesis and Energetic Properties Study of Tetrazole based High Energy Materials Dr. Ghule Vikas Dasarath, Asstt. Prof. in Chemistry Deptt	14.70	13.87	0.83
9.	Synthesis of Novel Random Laser Materials for Advance Photonic Applications by Dr. Yashashchandra Dwivedi, Asstt. Prof. in Physics Deptt	15.74	13.63	2.11
10.	Design, Synthesis and Optoelectronic Properties of Thiophene based Functional Organic Materials by Dr. Chetti Prabhakar, Asstt. Prof. in Chemistry Deptt.	13.00	9.88	3.12
11.	Multi Functional Metal- Organic Frameworks Construction by New Organic Ligands with mixed N-/O donors by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	17.20	11.40	5.80
12.	Neutral and Cationic Ruthenium Complexes for Amidation and related Reactions in Aqueous and Biphasic Medium by Dr. M. Senthil Kumar, Asstt. Prof. in Chemistry Deptt.	15.00	10.88	4.12
13.	New Magnetic Materials applicable as Colored Pigments and Catalysts under INSPIRE FACULTY AWARD SCHEME from INSA (DST Project) by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	7.00	6.44	0.56
14.	Vishvesariya Ph.D Scheme by Prof. Mayank Dave	15.37	15.37	NIL
15.	Development of Polymometalate based light induced water oxidation catalysts by Dr. Amrita Ghosh	11.40	5.79	5.61
16.	ISEA Project by Prof. A. Swarup and Prof. Mayank Dave	36.06	3.10	32.96
17.	SMDP Project by Prof. A.K. Gupta and Prof. R.K. Sharma	15.95	3.52	12.43

18.	Defending Distributed Denial of Service (DDoS) attacks using Dynamic Resource ownership and Economic Incentive based solution	13.50	3.04	10.46
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In addition to above, new projects are sanctioned by Science and Engineering Research Board, Govt. of India. The details with sanctioned amount is as follows:

(₹ in Lacs)

Sr. No.	Project Title	Sanctioned Amount
1.	Synthesis of Water Soluble Cobalt Complexes & Their Catalytic Activities in Aqueous & Biphasic Medium by Ms. Anita Bhatia	23.20
2.	Capital Budgeting Practices in the MSME's by Dr. Mohammad Firoz, Masters of Business Administration	6.00
3.	Nano- Scale Vesicles Modified Metal Complex's for Therapeutic Carbon Monoxide Delivery by Dr. Amilan Jose, Chemistry Department	6.85
4.	Investigation on Multiferrocity in BaFe ₁₂ O ₁₉ Hexaferrite by Dr. Anurag Gaur, Physics Department	9.43
5.	FIST Program by Prof. Mahesh Pal, Civil Engineering Department	108.00
6.	Intelligent Real Time Situation Awareness and Decision Support System for Indian Defense by Dr. Sarika Jain, Masters of Computers Applications	40.52

CONSULTANCY SERVICES

The Institute is actively engaged in providing consultancy services to various Government, Semi-Government and Private Organizations. Efforts to diversify the areas pertaining to various disciplines are continuously being made so that more interaction could be ensured with the industries and various organizations. Number of faculty members taking up consultancy projects has considerably increased during the recent past.

During the period from 1.4.2015 to 31.3.2016, one thousand five hundred eighty six (1586) consultancy jobs involving consultancy fees around Rs. 543.13 lacs were sanctioned.

FACULTY POSITION AS ON 31.03.2016

Sr. No.	Name of the Post	Sanctioned	In position	Vacant	Pay Scale (Rs.)
Civil Engineering Department					
1.	Professors	06	20	(-)14	37400-67000+10000
2.	Asso.Professors	11	02	09	37400-67000+9000
3.	Asstt.Professors	22	04	18	15600-39100+6000
Electrical Engineering Department					
1.	Professors	06	12	(-)06	37400-67000+10000
2.	Asso.Professors	12	06	06	37400-67000+9000
3.	Asstt.Professors	23	16	07	15600-39100+6000
Mechanical Engineering Department					
1.	Professors	06	11	(-)03	37400-67000+10000
2.	Asso.Professors	12	11	01	37400-67000+9000
3.	Asstt.Professors	24	10	14	15600-39100+6000
Production & Industrial Engg.					
1.	Professors	02	-	02	37400-67000+10000
2.	Asso.Professors	04	-	04	37400-67000+9000
3.	Asstt.Professors	08	04	04	15600-39100+6000
Electronics & Comm. Engineering Department					
1.	Professors	06	06	-	37400-67000+10000
2.	Asso.Professors	12	04	08	37400-67000+9000
3.	Asstt.Professors	23	15	08	15600-39100+6000
Computer Engineering Department					
1.	Professors	04	04	-	37400-67000+10000
2.	Asso.Professors	07	02	05	37400-67000+9000
3.	Asstt.Professors	14	07	07	15600-39100+6000
Information Technology Discipline					
1.	Professors	03	-	03	37400-67000+10000
2.	Asso.Professors	05	-	05	37400-67000+9000
3.	Asstt.Professors	11	10	01	15600-39100+6000
Physics Department					
1.	Professors	02	03	(-)01	37400-67000+10000
2.	Asso.Professors	04	01	03	37400-67000+9000
3.	Asstt.Professors	08	07	01	15600-39100+6000
Chemistry Department					
1.	Professors	01	03	(-)02	37400-67000+10000
2.	Asso.Professors	03	01	02	37400-67000+9000
3.	Asstt.Professors	06	06	-	15600-39100+6000

Mathematics Department					
1.	Professors	01	01	-	37400-67000+10000
2.	Asso.Professors	03	01	02	37400-67000+9000
3.	Asstt.Professors	06	04	02	15600-39100+6000
Humanities and Social Sciences Department					
1.	Professors	01	03	(-)02	37400-67000+10000
2.	Asso.Professors	03	-	03	37400-67000+9000
3.	Asstt.Professors	06	04	02	15600-39100+6000
Business Administration (Self Financing)					
1.	Professors	02	-	02	37400-67000+10000
2.	Asso.Professors	04	01	03	37400-67000+9000
3.	Asstt.Professors	08	02	06	15600-39100+6000
Computer Applications (Self Financing)					
1.	Professors	03	01	02	37400-67000+10000
2.	Asso.Professors	05	-	05	37400-67000+9000
3.	Asstt.Professors	11	02	09	15600-39100+6000
Total		298	184	114	
Summary (Faculty Staff)					
1.	Professors	43	64	(-)21	37400-67000+10000
2.	Asso.Professors	85	29	56	37400-67000+9000
3.	Asstt.Professors	170	91	79	15600-39100+6000
Total		298	184	114	

11.6 ADMINISTRATIVE AND OTHER STAFF

POSITION OF OFFICER CADRE STAFF AS ON 31.03.2016

Sr. No.	Name of the post	Sanctioned	In position	Vacant	Pay Scale (Rs.) PB+GP
Registrar Office					
1	Registrar	01	-	01	37400-67000+10000
General Administration Section					
1	Dy. Registrar	✓ 01	01 ✓	-	15600-39100+7600
Establishment Section					
1	Asstt. Registrar	01	-	01	15600-39100+5400

Accounts Section					
1	Dy. Registrar	01	01	-	15600-39100+7600
2	Asstt. Registrar	01	-	01	15600-39100+5400
Academic Section					
1	Dy. Registrar	01	01	-	15600-39100+7600
Exams Cell					
1	Asstt. Registrar	01 (P)	-	01	15600-39100+5400
Stores Section					
1	Asstt. Registrar	01	01	-	15600-39100+5400
Health Centre					
1	Sr. Medical Officer	01	01	-	15600-39100+7600
2	Medical Officer	03	01	02	15600-39100+5400
Library					
1	Librarian	01	01	-	37400-67000+10000
2	Assistant Librarian	01	-	01	15600-39100+6000
Sports					
1	Sr. SAS Officer	01	-	01	15600-39100+8000
2	SAS Officer	02	02	-	15600-39100+6000
Security					
1	Security Officer	01	01	-	15600-39100+5400
Estate					
1	Executive Engineer	01	-	01	15600-39100+6600
Workshop					
1	Pr. Technical Officer	01	-	01	15600-39100-7600
2	Sr. Technical Officer	01	-	01	15600-39100-6600
Centre for Computing & Networking					
1	Sr. Technical Officer	01(P)	-	01	15600-39100+6600
2	Technical Officer	01(P)	-	01	15600-39100+5400
Computer Engineering Department					
1	Sr. Technical Officer	01	01	-	15600-39100-6600
2	Technical Officer	01	01	-	15600-39100+5400

Electronics and Comm. Engineering Department					
1	Sr. Tech. Officer	01	01	-	15600-39100+6600
2	Technical Officer	01	01	-	15600-39100+5400
Mechanical Engineering Department					
1	Technical Officer	01	01	-	15600-39100+5400
Physics/Chemistry Department					
1	Technical Officer	01	-	01	15600-39100+5400
Computer Applications					
1	Technical Officer	01	-	01	15600-39100+6600
Total		30	15	15	

POSITION OF TECHNICAL STAFF AS ON 31.03.2016

Sr. No.	Name of the post	Sanctioned	In position	Vacant	Pay Scale (Rs.) PB+GP
Civil Engineering Department					
Lower Cadre					
1	Technician	03	01	02	5200-20200+2000
2	Sr. Technician	02	03	(-)01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	01	-	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	04	-	04	9300-34800 +4200
2	Sr. Tech. Assistant	03	01	02	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	01	-	01	9300-34800+5400
Total		16	06	10	
Computer Engineering Department					
Lower Cadre					
1	Technician	02	-	02	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	-	01	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	02	-	02	9300-34800 +4200
2	Sr. Tech. Assistant	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	01	-	01	9300-34800+5400
Total		10	-	10	

Electrical Engineering Department					
Lower Cadre					
1	Technician	03	03	-	5200-20200+2000
2	Sr. Technician	02	01	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	01	-	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	04	-	04	9300-34800 +4200
2	Sr. Tech. Assistant	03	06	(-)03	9300-34800 +4600
3	Tech. Asstt. SG-II	01	02	(-)01	9300-34800+4800
4	Tech. Asstt. SG-I	01	-	01	9300-34800+5400
Total		16	13	03	

Electronics and Comm. Engineering Department					
Lower Cadre					
1	Technician	04	-	04	5200-20200+2000
2	Sr. Technician	03	01	02	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	02	(-)01	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	03	-	03	9300-34800 +4200
2	Sr. Tech. Assistant	02	02	-	9300-34800 +4600
3	Tech. Asstt. SG-II	01	01	-	9300-34800+4800
4	Tech. Asstt. SG-I	01	-	01	9300-34800+5400
Total		16	06	10	

Mechanical Engineering Department					
Lower Cadre					
1	Technician	03	01	02	5200-20200+2000
2	Sr. Technician	02	02	-	5200-20200+2400
3	Technician SG-II	01	01	-	5200-20200+2800
4	Technician SG-I	01	02	(-)01	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	04	-	04	9300-34800 +4200
2	Sr. Tech. Assistant	03	03	-	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	01	01	-	9300-34800+5400
Total		16	10	06	

Workshop**Lower Cadre**

1	Technician	03	02	01	5200-20200+2000
2	Driver	02	-	02	5200-20200+2000
3	Sr. Technician	02	-	02	5200-20200+2400
4	Sr. Driver	02	-	02	5200-20200+2400
5	Technician SG-II	01	-	01	5200-20200+2800
6	Driver SG-II	01	-	01	5200-20200+2800
7	Technician SG-I	-	06	(-)06	9300-34800+4200
8	Driver DG-I	01	-	01	9300-34800+4200

Higher Cadre

1	Tech. Assistant	03	-	03	9300-34800 +4200
2	Sr. Tech. Asstt.	02	02	-	9300-34800 +4600
3	Tech. Asstt. SG-II	01	01	-	9300-34800+4800
4	Tech. Asstt. SG-I	-	01	(-)01	9300-34800+5400
Total		18	12	06	

Production & Industrial Engg.**Lower Cadre**

1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	-	-	-	9300-34800+4200

Higher Cadre

1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	-	-	-	9300-34800+5400
Total		06	-	06	

Information Technology**Lower Cadre**

1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	-	01	9300-34800+4200

Higher Cadre

1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	01	-	01	9300-34800+5400
Total		08	-	08	

Chemistry Department

Lower Cadre

1	Technician	02	02	-	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	-	-	-	5200-20200+2800
4	Technician SG-I	-	-	-	9300-34800+4200

Higher Cadre

1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	-	01	(-)01	9300-34800 +4600
3	Tech. Asstt. SG-II	-	-	-	9300-34800+4800
4	Tech. Asstt. SG-I	-	-	-	9300-34800+5400
Total		04	03	01	

Physics Department

Lower Cadre

1	Technician	01	01	-	5200-20200+2000
2	Sr. Technician	01	01	-	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	-	-	-	9300-34800+4200

Higher Cadre

1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	01	-	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	-	-	-	9300-34800+5400
Total		06	03	03	

Computer Applications

Lower Cadre

1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	-	01	(-)01	9300-34800 +4200

Higher Cadre

1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
Total		06	01	05	

Humanities Department

Lower Cadre

1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	-	-	-	5200-20200+2400

3	Technician SG-II	-	-	-	5200-20200+2800
4	Technician SG-I	-	-	-	9300-34800+4200
Total		01	-	01	

Business Administration**Lower Cadre**

1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	01	-	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	-	-	-	9300-34800+4200

Higher Cadre

1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	-	-	-	9300-34800+5400
Total		06	01	05	

Health Centre**(A) Other Staff****Lower Cadre**

1	Technician (Radiographer)	01	-	01	5200-20200+2000
2	Technician SG-II (LT)	01	-	01	5200-20200+2800
3	Technician SG-I (LT)	01	-	01	9300-34800+4200

Higher Cadre

1	Tech. Assistant (02 Staff Nurse)	02	-	02	9300-34800 +4200
2	Sr. Tech. Assistant (01 Staff Nurse)	01	01 (Lab.Tech.)	-	9300-34800+4600
3	Tech. Asstt. SG-II (01 Staff Nurse)	01	01 (staff nurse)	-	9300-34800+4800
4	Tech. Asstt. SG-I (01 Staff Nurse)	01	-	01	9300-34800+5400

(B) Pharmacist**Lower Cadre**

1	Technician SG-II (01 Pharmacist)	01	-	01	5200-20200+2800
2	Technician SG-I (01 Pharmacist)	01	-	01	9300-34800 +4200

Higher Cadre

1	Sr. Tech. Assistant (01 Pharmacist)	01	01 (01 Dresser)	-	9300-34800+4600
2	Tech. Asstt. SG-II (01 Pharmacist)	01	01 (Pharma.SG-II)	-	9300-34800+4800
3	Tech. Asstt. SG-I	-	01 (Pharma.SG-I)	(-)01	9300-34800+5400
Total		12	05	07	

Library					
Lower Cadre					
1	Library Assistant	03	02	01	5200-20200+2000
2	Sr. Lib. Asstt.	03	-	03	5200-20200+2400
3	Lib. Asstt. SG-II	02	01	01	5200-20200+2800
4	Lib. Asstt. SG-I	-	03	(-)03	9300-34800+4200
Higher Cadre					
1	Lib & Info. Assistant	02	-	02	9300-34800 +4200
2	Sr. Lib & Info. Asstt.	02	-	02	9300-34800 +4600
3	Lib & Info. Asstt. SGII	01	-	01	9300-34800+4800
4	Lib & Info. Asstt SGI	01	-	01	9300-34800+5400
Total		14	06	08	
Estate					
Higher Cadre					
1	Junior Engineer	04	03	01	9300-34800+4200
2	Asstt. Engineer	02	-	02	9300-34800+4600
3	Asstt. Engr. SG II (Civil)	01	01	-	9300-34800+4800
Total		07	04	03	
Maintenance Staff (Estate)					
Lower Cadre					
1	Work Assistant	-	01	(-)01	5200-20200+2000
2	Sr. Work Asstt.	-	01	(-)01	5200-20200+2400
3	Work Asstt. SG II	-	09	(-)09	5200-20200+2800
Total		-	11	(-)11	
Sports					
Higher Cadre					
1	SAS Assistant	01	-	01	9300-34800+4200
2	Sr. SAS Assistant	01	-	01	9300-34800+4600
3	SAS Assistant SG II	01	-	01	9300-34800+4800
4	SAS Assistant SG I	01	-	01	9300-34800+5400
Total		04	-	04	
Centre for Computing & Networking					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800

Higher Cadre					
1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
Total		06	-	06	
Internal Telephone Exchange					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
1	Sr. Technician	01	-	01	5200-20200+2400
Total		02	-	02	
School of VLSI Design & Embedded System					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
Total		02	-	02	
School of Renewable Energy					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
Total		02	-	02	
Grand Total		178	81	97	

POSITION OF ADMINISTRATIVE & MINISTRIAL STAFF AS ON 31.03.2016

Sr. No.	Name of the post	Sanctioned	In position	Vacant	Pay Scale (Rs.)
Civil Engineering Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000
2	Steno SG-II	01	01	-	5200-20200+2800
Total		02	01	01	
Electrical Engineering Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000
2	Sr. Steno	01	01 (Sr. Sec)	-	5200-20200+2400
Total		02	01	01	
Mechanical Engineering Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000

2	Steno SG-II	01	01 (Sec.SGII)	-	5200-20200+2800
Total		02	01	01	
Electronics & Communication Engineering Department					
Lower Cadre					
1	Junior Assistant	01	01	-	5200-20200+2000
2	Sr. Steno	01	-	01	5200-20200+2800
Total		02	01	01	
Computer Engineering Department					
Lower Cadre					
1	Junior Assistant	01	01 (Sr. Asstt.)	-	5200-20200+2000
2	Sr. Steno	01	-	01	5200-20200+2800
Total		02	01	01	
Physics Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000
Total		01	-	01	
Chemistry Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000
Total		01	-	01	

Business Administration Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000
Total		01	-	01	
Computer Applications Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000
Total		01	-	01	
Mathematics Department					
Lower Cadre					
1	Junior Assistant	01	01 (Sr. Asstt.)	-	5200-20200+2000
Total		01	01	-	

Humanities Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000
Total		01	-	01	
Workshop					
Lower Cadre					
1	Jr. Assistant	01	01 (Sr.Asstt.)	-	5200-20200+2000
Total		01	01	-	
TP&SW					
Lower Cadre					
1	Steno SG-I	01	01 (Asstt. SG-II)	-	9300-34800+4600
Higher Cadre					
1	Superintendent	01	-	01	9300-34800+4200
Total		02	01	01	
Deans Office					
Lower Cadre					
1	Stenographer	03	-	03	5200-20200+2400
Higher Cadre					
1	Secretary	02	01 (Asstt. SG-I)	01	9300-34800+4200
2	Sr. Secretary	01	01	-	9300-34800+4600
Total		06	02	04	

Director Office					
Higher Cadre					
1	Sr. Secretary	01	01 (Jr. Asstt.)	-	9300-34800+4600
2	Secretary SG-I	01	01 (Sec. SG-II)	-	9300-34800+5400
Total		02	02	-	
Registrar Office					
Higher Cadre					
1	Secretary	01	-	01	9300-34800+4200
1	Secretary SG-II	01	01	-	9300-34800+4800
Total		02	01	01	

Establishment Section					
Lower Cadre					
1	Sr. Assistant	02	01	01	5200-20200+2400
2	Assistant SG-I	02	02 (01 Asstt. SG-II)	-	9300-34800+4200
Higher Cadre					
1	Superintendent SG-II	01	02 (01 Sr.Supdt.)	(-)01	9300-34800+4800
Total		05	05	-	
GA Section					
Lower Cadre					
1	Jr. Assistant	02	01	01	5200-20200+2000
2	Assistant SG-I	02	03 (2 Asstt.SG-II)	(-)01	9300-34800+4200
Higher Cadre					
1	Superintendent SG-II	01	-	01	9300-34800+4800
Total		05	04	01	
Academic Section					
Lower Cadre					
1	Sr. Assistant	01	-	01	5200-20200+2400
2	Assistant SG-II	02	-	02	5200-20200+2800
3	Assistant SG-I	01	01 (Steno SG-II)	-	9300-34800+4200
Higher Cadre					
1	Sr. Superintendent	01	02 (01 Sr. Supdt., 01Supdt.SG-II)	(-)01	9300-34800+4600
Total		05	03	02	
Examination Cell					
Lower Cadre					
1	Sr. Assistant	01	01 (Jr. Asstt.)	-	5200-20200+2400
2	Assistant SG-II	02	-	02	5200-20200+2800
Higher Cadre					
1	Superintendent	01	01 (Sr. Supdt.)	-	9300-34800+4200
Total		04	02	02	
Stores Section					
Lower Cadre					
1	Sr. Assistant	01	-	01	5200-20200+2400
2	Assistant SG-II	02	-	02	5200-20200+2800

Higher Cadre					
1	Supdt.	01	03 (02 Sr. Supdt., 01 Actt. SG-II)	(-)02	9300-34800+4200
Total		04	03	01	
Estate Section					
Lower Cadre					
1	Jr. Assistant	01	-	01	5200-20200+2000
2	Sr. Assistant	01	-	01	5200-20200+2400
3	Assistant SG-II	01	01 (01Asstt.SG-I)	-	5200-20200+2800
Higher Cadre					
1	Accountant	01	-	01	9300-34800+4200
2	Sr. Supdt.	01	02 (01Supdt.SG-II, 01Sr.Actt.)	(-)01	9300-34800+4600
Total		05	03	02	
Guest House					
Lower Cadre					
1	Jr. Assistant (Cook)	01	-	01	5200-20200+2000
2	Sr. Assistant	01	-	01	5200-20200+2400
Total		02	-	02	
Accounts Section					
Lower Cadre					
1	Sr. Assistant	02	02 (Jr. Asstt.)	-	5200-20200+2400
2	Assistant SG I	-	01	(-)01	5200-20200+2800
Higher Cadre					
1	Accountant	02	-	02	9300-34800+4200
2	Sr. Accountant	02	01 (Sr. Supdt.)	01	9300-34800+4600
3	Accountant SG-II	01	-	01	9300-34800+4800
4	Accountant SG-I	01	-	01	9300-34800+5400
5	Supdt. SG-I	01	-	01	9300-34800+5400
Total		09	04	05	
Finance Section					
Lower Cadre					
1	Sr. Assistant	02	-	02	5200-20200+2400
2	Assistant SG-II	01	03 (Asstt. SG-I)	(-)02	5200-20200+2800
Higher Cadre					
1	Accountant	01	-	01	9300-34800+4200
2	Sr. Supdt	01	01 (Acctt.SG-II)	-	9300-34800+4600
Total		05	04	01	

Reception & Diary/Dispatch <i>GA</i>					
Lower Cadre					
1	Jr. Assistant	01	-	01	5200-20200+2000
2	Sr. Assistant	01	-	01	5200-20200+2400
Total		02	-	02	
Sports					
Lower Cadre					
1	-	-	01 (Sr. Supdt.)	(-)01	9300.34800+4200
Total		-	01	(-)01	
Girl's Hostels					
Lower Cadre					
1	-	-	-	-	5200-20200+2400
Higher Cadre					
1	-	-	01 (Supdt. SG I)	(-)01	9300-34800+5400
Total		-	01	(-)01	
Grand Total		75	43	32	

Position of Non-Faculty (Supporting Staff) as on 31.03.2016

Sr. No.	Name of the post	Sanctioned	In Position	Vacant	Pay Scale & Grade Pay
1	Attendant/Security Guard/Mali/Caretaker	18	22	(-)04	5200-20200+1800
2	Sr. Attendant/Security Guard/Mali/Caretaker	14	17	(-)03	5200-20200+1900
3	Attendant/Security Guard/Mali/Caretaker SG-II	09	11	(-)02	5200-20200+2000
4	Attendant/Security Guard/Mali/Caretaker, SG-I	04	08	(-)04	5200-20200+2400
Total		45	58	(-)13	

Grand Summary of Faculty & Non-Faculty Position as on 31.03.2016

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	64 (-)21	(-)21
2.	Associate Professor	85	29	56

3.	Assistant Professor	170	91	79
Sub Total (A)		298	184	114
1	Registrar	01	-	01
2	Dy. Registrar	03	03	-
3	Asstt. Registrar	04	01	03
4	Librarian	01	01	-
5	Asstt. Librarian	01	-	01
6	Sr. SAS Officer	01	-	01
7	SAS Officer	02	02	-
8	Sr. Medical Officer	01	01	-
9	Medical Officer	03	01	02
10	Security Officer	01	01	-
11	Pr. Technical Officer	01	-	01
12	Sr. Technical Officer	04	02	02
13	Technical Officer	06	03	03
14	Executive Engineer	01	-	01
Sub Total (B)		30	15	15
1	Technician	33	10 (01 Lab Asstt.)	23
2	Sr. Technician	24	09	15
3	Work Assistant	-	01	(-)01
4	Sr. Work Assistant	-	01	(-)01
5	Technician SG-II	15	01	14
6	Work Assistant SG II	-	09	(-)09
7	Technician SG-I	09	13	(-)04
8	Lib. Assistant	03	02	01
9	Sr. Lib. Assistant	03	-	03
10	Lib. Assistant SG II	02	01	01
11	Lib. Assistant SG I	-	03	(-)03
Total		89	50	39
1	Tech. Assistant	29	-	29
2	Sr. Tech. Asstt.	22	18	04
3	Tech. Asstt. SG-II	14	06 (01 Pharmacist, 01 staff Nurse)	08
4	Tech. Asstt. SG-I	07	03 (01 Pharmacist)	04
5	Lib & Info. Assistant	02	-	02
6	Sr. Lib & Info. Asstt.	02	-	02
7	Lib & Info. Asstt. SGII	01	-	01
8	Lib & Info. Asstt SGI	01	-	01
9	Junior Engineer	04	03	01
10	Asstt. Engineer	02	-	02
11	Asstt. Engr. SG II (Civil)	01	01	-
12	SAS Assistant	01	-	01
13	Sr. SAS Assistant	01	-	01
14	SAS Assistant SG II	01	-	01

15	SAS Assistant SG I	01	-	01
Total		89	31	58
Sub Total (C) (Lower + Higher)		178	81	97
1	Junior Assistant	16	06	10
2	Steno	04	-	04
3	Sr. Assistant	12	03	09
4	Sr. Steno	03	-	03
5	Assistant SG II	08	04	04
6	Steno SG II	02	02	-
7	Assistant SG I	05	09	(-)04
8	Steno SG I	01	-	01
Total		51	24	27
1	Superintendent	03	-	03
2	Accountant	04	-	04
3	Secretary	03	-	03
4	Sr. Superintendent	03	07	(-)04
5	Sr. Accountant	02	01	01
6	Sr. Secretary	02	01	01
7	Superintendent SG II	02	02	-
8	Accountant SG II	01	02	(-)01
9	Secretary SG II	01	05	(-)04
10	Superintendent SG I	01	01	-
11	Accountant SG I	01	-	01
12	Secretary SG I	01	-	01
Total		24	19	05
Sub Total (D) (Lower + Higher)		75	43	32
1	Attendant/ Security Guard/Mali/Caretaker	18	22	(-)04
2	Sr. Attendant/ Security Guard/Mali/ Caretaker	14	17	(-)03
3	Attendant/ Security Guard/Mali/ Caretaker SG-II	09	11	(-)02
4	Attendant/ Security Guard/Mali/ Caretaker SG-I	04	08	(-)04
Sub Total (E)		45	58	(-)13
Grand Total (A+B+C+D+E)		626	381	245

Brief Summary of Faculty & Non-Faculty Position as on 31.03.2016

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	64	(-)21
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	91	79
Sub Total (A)		298	184	114
1.	Officer	30	15	15
2.	Technical Staff	178	81	97
3.	Administrative Staff	75	43	32
4.	Supporting Staff	45	58	(-)13
Sub Total (B)		328	197	131
Grand Total (A+B)		626	381	245

11.7 STAFF MEMBERS DEPUTED/SPONSORED FOR TRAINING, LEARNING

Sr.No.	Name of the faculty & Designation Professor/Dr./Sh./Ms.	Area of Training	Venue	Duration of Training
1.	Anoop Kumar Patel, Asstt. Professor	Medical Imaging : Techniques and Clinical Applications	Indian Institute of Technology, Delhi	3.4.15 - 4.4.15
2.	Mantosh Biswas, Asstt. Professor	Medical Imaging : Techniques and Clinical Applications	Indian Institute of Technology, Delhi	3.4.15 - 4.4.15
3.	Sarika Jain Asstt. Professor	To visit for discussion regarding possible project collaboration	DRDO, Delhi	6.5.15
4.	Ashwani Kumar Professor	Project presentation before Expert Comm. on Research Scheme on Power	Central Power Research Institute, Bangalore	15.5.15 - 16.5.15
5.	Poonam Jindal, Asstt. Professor	Intl. Conference on Computing, Communication and Automation	Galgotia University, Greater Noida	15.5.15 - 16.5.15
6.	Shabnam Asstt. Professor	Strategic HRM & Research Perspectives	Indian Institute of Technology, Roorkee	23.5.15 - 24.5.15
7.	Yash Pal Professor	Power System Optimization : A Journey from Conventional to Meta-Heuristic Techniques	Indian Institute of Technology Delhi, New Delhi	5.6.15 - 6.6.15

8.	G L Pahuja Professor	2015 IEEE Intl. Conf. on Energy, Power and Environment : Towards Sustainable Growth	NIT, Meghalaya, Shillong	12.6.15 - 13.6.15
9.	Ashwani Kumar Professor	2015 IEEE Intl. Conf. on Energy, Power and Environment : Towards Sustainable Growth	NIT, Meghalaya, Shillong	12.6.15 - 13.6.15
10.	Saurabh Chanana Asso. Professor	2015 IEEE Intl. Conf. on Energy, Power and Environment : Towards Sustainable Growth9	NIT, Meghalaya, Shillong	12.6.15 - 13.6.15
11.	Anil K. Dahiya Asstt. Professor	2015 IEEE Intl. Conf. on Energy, Power and Environment : Towards Sustainable Growth	NIT, Meghalaya, Shillong	12.6.15 - 13.6.15
12.	Atma Ram Gupta, Asstt. Professor	2015 IEEE Intl. Conf. on Energy, Power and Environment : Towards Sustainable Growth	NIT, Meghalaya, Shillong	12.6.15 - 13.6.15
13.	Aeidapu Mahesh Asstt. Professor	2015 IEEE Intl. Conf. on Energy, Power and Environment : Towards Sustainable Growth	NIT, Meghalaya, Shillong	12.6.15 - 13.6.15
14.	Vikram Singh, Asstt. Professor	STC on Hands on Experience in Big Data Anaylsis Using Hadoop	Maulana Azad National Institute of Tech., Bhopal	22.6.15 - 26.6.15
15.	Virender Ranga Asstt. Professor	International Conference on ICT For Sustainable Development	Ahmedabad (Org. by Springer AISC Proceedings)	3.7.15 - 4.7.15
16.	Mahendra Kr. Murmu Asstt. Professor	International Conference on ICT For Sustainable Development	Ahmedabad (Org. by Springer AISC Proceedings)	3.7.15 - 4.7.15
17.	V P Singh, Asso. Professor	Workshop on Fundamentals of Vehicle Dynamics	Xitadel CAE Technologies India Pvt. Ltd., Pune	6.7.15 - 8.7.15
18.	Lalit Thakur, Asstt. Professor	STC on Advance Manufacturing	National Institute of Technology, Hamirpur	6.7.15 - 10.7.15
19.	Syed Taqi Ali Asstt. Professor	Cyber Security & Forensic Investigation	Engg. Staff College of India, Hyderabad	27.7.15 - 30.7.15
20.	Baidyanath Bag, Asstt. Professor	National Workshop on Smart Technologies: Application in Electrical Engg	Maulana Azad National Institute of Technology, Bhopal	17.8.15 - 18.8.15
21.	Vikram Singh, Asstt. Professor	Eleventh International Multi Conference on	University Visvesvaraya College	21.8.15 - 23.8.15

		Information Processing	of Engg., Bangalore University, Bangalore	
22.	Ankit Kumar Jain Asstt. Professor	3rd National Workshop on Cyber Security	IEEE India Council, Bengaluru	22.8.15 - 23.8.15
23.	Kriti Bhushan Asstt. Professor	3rd National Workshop on Cyber Security	IEEE India Council, Bengaluru	22.8.15 - 23.8.15
24.	Giribabu D Asstt. Professor	Digital Signal Processor Controlled Power Electronic Converters & Drives	NIT, Warangal	28.9.15 - 30.9.15
25.	Awadhesh Kr. Singh, Professor	Intl. Congress on Information & Communication Technology	Udaipur ((Org. by Computer Society of India, Udaipur Chapter)	9.10.15 - 10.10.15
26.	Ankit Kr. Jain, Asstt. Professor	Intl. Congress on Information & Communication Technology	Udaipur ((Org. by Computer Society of India, Udaipur Chapter)	9.10.15 - 10.10.15
27.	Umesh Ghanekar, Professor	2015 IEEE Power, Communication and Information Technology	Shikha 'O' Anusandhan University, Khandagiri, Bhubaneswar, Orissa	15.10.15 - 17.10.15
28.	Rajoo Pandey, Professor	2015 IEEE Power, Communication and Information Technology	Shikha 'O' Anusandhan University, Khandagiri, Bhubaneswar, Orissa	15.10.15 - 17.10.15
29.	Ram Kumar Tittal Asstt. Professo	Intl. Conf. on Nascent Developments in Chemical Sciences : Opportunities for Academia - Industry Collaboration	Birla Institute of Technology and Science, Pilani	16.10.15 - 18.10.15
30.	Baldev Setia Professor	5th Indian Society of Hydraulics EC Meeting	IIT Bombay, Mumbai	17.10.15
31.	V K Sehgal Professor	Workshop on Innovative Construction Machinery, Materials and Methods	Indian Institute of Technology Roorkee	26.10.15 - 27.10.15
32.	Priyanka Ahlawat, Asstt. Professor	National Workshop on Cryptography, Applications and Foundations of Data Science	NIT, Goa	26.10.15 - 30.10.15
33.	Sandeep Santosh Asstt. Professor	Convex Optimization for Wireless Communications	Indian Institute of Technology Kanpur	16.11.15 - 18.11.15

34.	Shahida Asstt. Professor	Intl. Conf. on "Words Words Words : The Future of Literary Writing	English & Foreign Languages Uni., Hyderabad	25.11.15 - 27.11.15
35.	Smita Sonker, Asstt. Professor	Intl. Conf. on Mathematics 2015	University of Kerala, Thiruvananthapuram (Kerala)	26.11.15 - 28.11.15
36.	Vikas Mittal Asso. Professor	Role of Satellite Images on Smart Agriculture for ICT	Indian Institute of Technology Roorlee	27.11.15
37.	Ram Sevak Singh Asstt. Professor	XXVII IUPAP Conference on Computational Physics : CCP2015	Indian Institute of Technology Guwahati	2.12.15 - 5.12.15
38.	Ankit Kumar Jain Asstt. Professor	Computer Society of India -50th Golden Jubilee Annual Convention	India International Centre, New Delhi	2.12.15 - 5.12.15
39.	Rajendera Kumar Professor	19th Annual Conf. of Indian Political Economy Association	University of Goa, Goa	4.12.15 - 5.12.15
40.	Vikas Choudhary Professor	19th Annual Conf. of Indian Political Economy Association	University of Goa, Goa	4.12.15 - 5.12.15
41.	Ashutosh Kr. Singh Professor	Intl. Conf. on Eco- friendly Computing and Communication Systems	NIT, Kurukshetra	7.12.15 - 8.12.15
42.	Kapil, Asstt. Professor	Intl. Conf. on Eco- friendly Computing and Communication Systems	NIT, Kurukshetra	7.12.15 - 8.12.15
43.	Virender Ranga Asst. Professor	Intl. Conf. on Eco- friendly Computing and Communication Systems	NIT, Kurukshetra	7.12.15 - 8.12.15
44.	Atma Ram Gupta Asstt. Professor	Intl. Conf. on Eco- friendly Computing and Communication Systems	NIT, Kurukshetra	7.12.15 - 8.12.15
45.	Ashwani Kumar Professor	Intl. Conf. on Eco- friendly Computing and Communication Systems	NIT, Kurukshetra	7.12.15 - 8.12.15
46.	R M Sharma Asso. Professor	Intl. Conf. on Eco- friendly Computing and Communication Systems	NIT, Kurukshetra	7.12.15 - 8.12.15
47.	Mahendra Kr. Murmu Asstt. Professor	Intl. Conf. on Eco- friendly Computing and Communication Systems	NIT, Kurukshetra	7.12.15 - 8.12.15
48.	Santosh Kumar Asstt. Professor	Intl. Conf. on Eco- friendly Computing and Communication Systems	NIT, Kurukshetra	7.12.15 - 8.12.15

49.	Trailokya Nath Sasamal, Asstt. Professor	Intl. Conf. on Eco- friendly Computing and Communication Systems	NIT, Kurukshetra	7.12.15 - 8.12.15
50.	Paras Ram, Professor	3rd Intl. Conf. on Nanostructured Materials and Nanocomposites	Hindustan College of Science & Tech., Mathura	12.12.15 - 14.12.15
51.	Arun Goel Professor	20th Intl. Conf. on Hydraulics, Water Resources and River Engg.	IIT, Roorkee	17.12.15 - 19.12.15
52.	Mahesh Pal Professor	20th Intl. Conf. on Hydraulics, Water Resources and River Engg.	IIT, Roorkee	17.12.15 - 19.12.15
53.	K K Singh Professor	20th Intl. Conf. on Hydraulics, Water Resources and River Engg.	IIT, Roorkee	17.12.15 - 19.12.15
54.	Mayank Dave Professor	12th IEEE India International Conference INDICON 2015	Jamia Millia Islamia, New Delhi	17.12.15 - 20.12.15
55.	Shivam Asstt. Professor	12th IEEE India International Conference INDICON 2015	Jamia Millia Islamia, New Delhi	17.12.15 - 20.12.15
56.	Amit Kumar Asstt. Professor	12th IEEE India International Conference INDICON 2015	Jamia Millia Islamia, New Delhi	17.12.15 - 20.12.15
57.	Pradeep Kumar Asstt. Professor	12th IEEE India International Conference INDICON 2015	Jamia Millia Islamia, New Delhi	17.12.15 - 20.12.15
58.	Ratna Dahiya Professor	12th IEEE India International Conference INDICON 2015	Jamia Millia Islamia, New Delhi	17.12.15 - 20.12.15
59.	Mukesh Kumar, Asstt. Professor	Green Operations Management : Concepts and Decision Models	Sant Longowal Institute of Engg. & Technology, Longowal	21.12.15 - 25.12.15
60.	Chetti Prabhakar Asstt. Professor	Indian Council of Chemists	UKA Tarsadia University, Bardoli, Surat	26.12.15 - 28.12.15
61.	D P Singh Professor	Indian Council of Chemists	UKA Tarsadia University, Bardoli, Surat	26.12.15 - 28.12.15
62.	J K Quamara Professor	103rd Indian Science Congress	University of Mysore, Mysore	3.1.16 - 7.1.16
63.	Ashavani Kumar Professor	103rd Indian Science Congress	University of Mysore, Mysore	3.1.16 - 7.1.16

64.	D P Singh, Professor	103rd Indian Science Congress	University of Mysore, Mysore	3.1.16 - 7.1.16
65.	Vinod Kumar, Asso. Professor	5th Intl. Symposium on Fusion of Science and Technology	New Delhi org. by Society for Fusion of Science & Technology	18.1.16 - 22.1.16
66.	Surjit Angra, Professor	5th Intl. Symposium on Fusion of Science and Technology	New Delhi org. by Society for Fusion of Science & Technology	18.1.16 - 22.1.16
67.	Praveen Aggarwal Professor	Managerial Effectiveness Enhancement Programme	Institute of Management Training & Research, Goa	18.1.16 - 22.1.16
68.	Mohit Sharma Asstt. Professor	National Conference on Tribology : Energy, Environment & Efficiency	Tribology Society of India, Bhopal	21.1.16 - 22.1.16
69.	Sandeep Santosh Asstt. Professor	Intelligent Computing, Communication & Convergence	Interscience Institute of Mgt. & Technology, Bhubneswar	24.1.16 - 25.1.16
70.	M. P. R. Parsad Asstt. Professor	Winter School on Control and Dynamic Systems	IIT, Gandhi Nagar	24.1.16 - 27.1.16
71.	Avijit Kr. Paul Asstt. Professor	Global Achievers Conference 2016	New Delhi	29.1.2016
72.	A. Swarup Professor	Advances in Control & Optimization of Dynamical Systems	NIT Tiruchirappalli	1.2.16 - 5.2.16
73.	Syed Taqi Ali, Asstt. Professor	Patent filing, Processing & Patent Drafting	Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur	1.2.16 - 5.2.16
74.	Kapil, Asstt. Professor	Linear Algebra, Analysis of Several Variables, Probability Theory	Brahmananda Keshab Chandra College, Kolkata	1.2.16 - 6.2.16
75.	Mahendra Kr. Murmu Asstt. Professor	Nature Inspired Algorithms and Its Applications	New Town, Kolkata (Org. by Indian School of Mines, Dhanbad)	8.2.16 - 12.2.16
76.	Vikram Singh, Asstt. Professor	Nature Inspired Algorithms and Its Applications	New Town, Kolkata (Org. by Indian School of Mines, Dhanbad)	8.2.16 - 12.2.16
77.	Sarika Jain Asstt. Professor	National Workshop on Cyber Security : Innovations and Opportunities	NIT, Kurukshetra	12.2.16 - 13.2.16
78.	Mukesh Kumar, Asstt. Professor	Intl. Conf. on E-Business and Supply Chain Competitiveness	Indian Institute of Technology, Kharagpur	12.2.16 - 14.2.16

79.	Mohit Dua, Asstt. Professor	International Conference on Communication and Networks	CSI, Ahmedabad	20.2.16 - 21.2.16
80.	Nipen Kumar Das Asstt. Professor	Intl. Conf. on Disaster Mitigation and Management for Sustainable Development and Risk Reduction	National Institute of Technology Tiruchirappalli, Chennai	22.2.16 - 24.2.16
81.	Ajay Krishna Prabhakar Asstt. Professor	Characterizing the Uncertainties in Climate Change Impacts Assessment for Water Resources under GIAN	National Institute of Technology, Hamirpur	22.2.16 - 26.2.16
82.	Mantosh Biswas Asstt. Professor	Workshop on Remote Sensing of Earth and Atmosphere	Indian Statistical Institute, Kolkata	1.3.16 - 2.3.16
83.	Geeta Sachdeva Asstt. Professor	International Conference on Women Studies & Social Sciences 2016	Carmel College of Arts, Science and Commerce for Women, Goa	3.3.16 - 5.3.16
84.	R M Sharma, Asso. Professor	Intl. Conf. on Information and Communication Technology for Competitive Strategies	Computer Society of India, Udaipur	4.3.16 - 5.3.16
85.	Joy Prakash Misra Asstt. Professor	5th Intl. Conf. on Materials Processing and Characterization	GRIET, Hyderabad	12.3.16 - 13.3.16
86.	Ashutosh Kr. Singh, Professor	International Conference on Wireless Communications, Signal Processing and Networking	Sri Sivasubramaniya Nadar College of Engineering, Chennai	23.3.16 - 25.3.16

International Conferences(Abroad)

Sr.No.	Name of the faculty & Designation Professor/Dr./Sh./Ms.	Area of Training	Venue	Duration of Training
1.	Sandeep Singhal Asso. Professor	2nd International Conference on Industrial Engineering and Applications	Singapore	20.5.15 - 22.5.15
2.	L M Saini, Professor	International Conference on Recent Advances in Medical Science 2015.	Singapore	19.7.15

3.	Minati Baral Professor	7th International Symposium on Nano & Supramolecular Chemistry	Busan, South Korea	14.8.15 - 17.8.15
4.	Anurag Gaur, Asstt. Professor	ICMET 2015 : 17th Intl. Conf. on Materials Engg. and Technology	London, United Kingdom	25.9.15 - 26.9.15
5.	Naveen Kumar, Asstt. Professor	15th International Conference on Control, Automation and Systems	Busan, South Korea	13.10.15 - 16.10.15
6.	Ashok Kumar, Asstt. Professor	2016 Intl. Conference on Composite Materials and Material Engineering	Bangkok, Thailand	9.3.16 - 11.3.16
7.	C R Mariappan Asstt. Professor	2016 Intl. Conference on Composite Materials and Material Engineering	Bangkok, Thailand	9.3.16 - 11.3.16

11.8 COURSES AND ADMISSIONS

COURSES OFFERED

UNDERGRADUATE COURSES – B.TECH. DEGREE COURSES

Courses of study are offered in following disciplines:

<u>Discipline</u>	<u>No. of seats</u>
Civil Engineering	140
Electrical Engineering	140
Mechanical Engineering	138
Electronics & Communication Engineering	138
Computer Engineering	92
Production & Industrial Engg.	92
Information Technology	92
Total	832

Note: Dasa/NRI students can be admitted upto 15% over and above of the sanction strength of B.Tech. (i.e. 15% of 832)

The duration of each course is four academic years. Teaching in each academic year (1st July to 30th June) is divided into two semesters of about sixteen weeks each.

The courses include study at Institute, visits to work-sites and practical training in Institute workshops and in approved engineering works.

POSTGRADUATE COURSES – M.TECH. DEGREE COURSES

Courses of study are offered in following disciplines and specializations:

The seats available for admission though CCMT-2015 are given below:

Deptt./ School	M.Tech. Programme	OP	OBC	SC	ST	OP PWD	OBC PWD	SC PWD	ST PWD	Total
Civil Engineering	Soil Mechanics & Foundation Engg.	9	5	3	1	-	-	-	-	18
	Structural Engg.	9	5	4	1	-	-	-	-	19
	Water Resources Engg.	9	4	3	1	-	-	-	-	17
	Transportation Engg.	9	4	4	1	-	-	-	-	18
	Environmental Engg.	9	6	2	1	1	1	1	-	21
Electrical Engineering	Power System	10	5	3	2	-	-	-	-	20
	Control System	10	5	4	1	-	-	-	-	20
	Power Electronics & Drives	10	5	3	1	1	-	-	-	20
Electronics & Comm. Engg.	Electronics & Comm. Engg.	12	6	4	2	-	-	-	-	24
Physics	Instrumentation	10	5	3	2	-	-	-	-	20
	Nanotechnology	9	6	2	2	1	-	-	-	20
Mechanical Engg.	Industrial & Production Engg.	10	5	4	1	-	-	-	-	20
	Machine Design	10	5	4	1	-	-	-	-	20
	Thermal Engineering	11	6	2	3	-	1	-	1	24
Computer Engg.	Computer Engg.	13	7	3	1	-	1	-	-	25
	Cyber Security	9	5	3	2	1	-	-	-	20
Chemistry	Molecular Engg. & Advanced Chemical Analysis	9	5	3	2	1	-	-	-	20
School of VLSI Design & Embedded System	VLSI Design	14	8	3	4	2	1	-	-	32
	Embedded System Design	9	5	3	2	-	-	1	-	20
School of Renewable Energy & Efficiency	Renewable Energy Systems	9	5	3	2	1	-	-	-	20
School of Biomedical Engg.	Biomedical Engg.	9	5	3	2	1	-	-	-	20
School of Material Science & Nano technology	Material Science & Nano technology	9	5	3	2	1	-	-	-	20
	GRAND TOTAL	218	117	69	37	10	4	2	1	458

The Institute made admissions directly through Institute level counseling in the academic session 2015-16 on sponsored seats for all branches and specializations. The number of seats available in each category for admission through this mode are given below:

(iii) Sponsored seats:

Deptt./ School	M.Tech. Programme	OP	OBC	SC	ST	OP PWD	OBC PWD	SC PWD	ST PWD	Total
Civil Engineering	Soil Mechanics & Foundation Engg.	3	1	1	-	-	-	-	-	5
	Structural Engg.	3	1	1	-	-	-	-	-	5
	Water Resources Engg.	2	2	-	1	-	-	-	-	5
	Transportation Engg.	2	1	1	-	-	1	-	-	5
	Environmental Engg.	2	1	1	1	-	-	-	-	5
Electrical Engineering	Power System	2	2	0	1	-	-	-	-	5
	Control System	2	2	1	-	-	-	-	-	5
	Power Electronics & Drives	3	1	1	-	-	-	-	-	5
Electronics & Comm. Engg.	Electronics & Comm. Engg.	3	1	1	-	-	-	-	-	5
Physics	Instrumentation	2	2	1	-	-	-	-	-	5
	Nanotechnology	2	2	-	-	1	-	-	-	5
Mechanical Engg.	Industrial & Production Engg.	2	2	0	1	-	-	-	-	5
	Machine Design	2	1	1	-	1	-	-	-	5
	Thermal Engineering	3	1	1	-	-	-	-	-	5
Computer Engg.	Computer Engg.	3	1	1	-	-	-	-	-	5
	Cyber Security	2	1	1	1	-	-	-	-	5
Chemistry	Molecular Engg. & Advanced Chemical Analysis	2	1	1	1	-	-	-	-	5
School of VLSI Design & Embedded System	VLSI Design	3	1	1	-	-	-	-	-	5
	Embedded System Design	3	1	1	-	-	-	-	-	5
School of Renewable Energy & Efficiency	Renewable Energy Systems	2	1	1	1	-	-	-	-	5
School of Biomedical Engg.	Biomedical Engg.	2	1	1	1	-	-	-	-	5
School of Material Science & Nano technology	Material Science & Nano technology	2	2	1	-	-	-	-	-	5
GRAND TOTAL		52	29	17	9	2	1	-	-	110

ADMISSIONS

UNDERGRADUATE COURSE

		Details of candidates admitted to B.Tech course in 2015-2016:-																					
B.Tech		Female								Female Total	Male											Male Total	Grand Total
Category	DASA	ICCR	MEA	OBC	OBCPH	OP	OP PH	SC	ST		DASA	ICCR	MEA	OBC	OBC PH	OP	OP PH	SC	SC PH	S T			
Civil Engg.	0	0	0	2	0	5	0	3	2	12	0	9	1	37	3	59	0	18	0	8	135	147	
Computer Engg.	1	2	1	4	0	11	0	1	1	21	13	1	1	22	0	30	2	12	0	5	86	107	
Electrical Engg.	0	1	0	6	0	8	0	3	1	19	0	7	1	37	0	50	1	18	0	9	123	142	
Electronics & Comm. Engg.	0	0	0	13	0	26	0	5	3	47	0	1	0	22	1	36	0	14	1	9	84	131	
Information Technology	1	0	0	2	0	11	1	4	1	20	7	3	0	22	0	33	1	10	0	5	81	101	
Mechanical Engg.	1	1	0	1	0	1	0	1	0	5	5	2	1	36	3	62	0	19	0	12	140	145	
Production & Industrial Engg.	0	0	0	3	0	5	0	4	0	12	0	0	0	17	0	32	2	10	0	4	67	79	
Grand Total	3	4	1	31	0	67	1	21	8	136	25	23	4	193	7	304	6	101	1	52	716	852	

POSTGRADUATE COURSES

Details of sanctioned intake and candidates admitted to M.Tech. courses in 2015-2016:-

Branch	Programme	Female						F Total	Male								M Total	Grand Total
		OBC	OP	OP PH	SC	ST	Spon.		ICCR	OP	OP PH	OBC	OBC PH	SC	ST	Spon.		
Civil Engg.	C (Envir.)	1	3	-	1	-	-	5	1	8	-	5	-	1	-	1	16	21
	C (S.M.F)	-	-	-	-	-	-	-	-	8	-	5	-	3	-	-	16	16
	C (Strut.)	1	1	-	1	-	-	3	5	7	-	5	-	3	1	-	21	24
	C (Trans.)	1	-	-	1	-	-	2	1	8	-	4	-	3	1	-	17	19
	C (W.R)	-	2	-	-	-	-	2	1	8	-	2	-	3	-	-	14	16
Computer Engg.	Computer	11	4	-	2	-	-	17	-	4	-	2	-	1	1	-	8	25
	Cyber Security	-	3	-	5	2	1	11	-	2	1	1	-	3	-	-	7	18
Electrical Engg.	E (C.S.)	1	4	-	-	-	-	5	-	3	-	7	-	4	-	-	14	19
	E (P.E.D.)	-	2	1	1	-	-	4	-	7	-	6	-	2	1	-	16	20
	E (P.S.)	-	2	-	1	1	1	5	-	3	-	7	-	4	1	-	15	20
Electronics & Comm. Engg	ECE	4	3	-	2	-	-	9	-	5	-	4	-	2	1	-	12	21
Mechanical Engg.	M (M.D.)	-	-	-	-	-	-	-	-	9	-	6	-	4	-	2	21	21
	M (I &P)	2	-	-	-	-	-	2	-	5	-	3	-	8	1	1	18	20
	M (Thermal)	-	-	-	-	1	-	1	-	8	-	10	-	3	2	-	23	24
Physics	Ph (N.T.)	-	5	-	1	-	-	6	-	9	-	-	-	1	-	-	10	16
	Ph (Inst.)	1	3	-	2	-	-	6	-	6	-	3	-	2	-	-	11	17
Chemistry	Molecular Engg. & Advanced Chemical analysis	-	3	-	1	-	-	4	-	1	-	-	-	-	-	1	2	6
School of VLSI Design & Embedded System	VLSI Design	1	5	1	2	-	-	9	-	10	-	8	-	1	3	-	22	31
	E. S.D.	2	4	-	2	-	-	8	-	5	-	3	-	1	1	-	10	18
Renewal Energy & Efficiency	R.E.S	1	1	-	-	-	-	2	-	7	-	5	-	4	-	-	16	18
School of Bio-medical Engg.	Biomedical Engg.	-	2	-	-	-	-	2	-	10	-	1	-	-	-	-	11	13
School of Material Science & Nanotechnology	Material Science and Nanotechnology	1	3	-	2	-	-	6	-	5	-	1	-	3	-	-	9	15
Grand Total		30	47	2	24	4	2	109	8	138	1	88	-	56	13	5	309	418

11.9 SCHOLARSHIPS AND AWARDS

UNDERGRADUATE

Scholarships/stipends and Academic Prizes were awarded to the students of undergraduate courses as per details given in the table below:

B.Tech.

Scholarships	Number awarded					Value (Rs.)
Year	1 st	2 nd	3 rd	Final		
Batches	2015	2014	2013	2012	Total	
Merit Scholarship	84	84	84	84	336	Rs 1000/- per annum and a merit certificate with exemption from payment of tuition fee. From 2007 onward only 21 nos. scholarship amounting to Rs.3000/- & a merit certificate is given. Tuition is not exempted.
Postmatric Scholarship	89	35	88	69	281	Rs. 740/- p.m. for Boarders &Rs.330/- p.m. for day scholars
<u>Others states</u>	92	20	98	93	303	Students with full exemption from tuition fee.
Others Univ., Railways, P&T, Air-Force, Jindal Trust, Guru Harikishan Society and NCERT, DTE, DHE, Kalpana Chawla & Dhingra etc. ONGC	44	25	47	38	154	As sanctioned by the various departments and concerned agencies.
Academic Prizes B.Tech	44	44	44	44	176	Rs. 250/- by way of Technical books and in cash to the passed out students.
Central Scholarship	88	68	68	51	275	Rs.1,23,140/- per student

Institute has started an award of excellence named as 'Manohar Award of Excellence' from the academic session 2009-10 which is given to the topper of B.Tech. 1st year with a cheque of Rs.51,000 and a certificate. 1981-86 (Batch) Electrical students have instituted a Medal alongwith Cash prize of Rs. 5000/- to be given to overall topper of the batch, in memory of late Sh. Shyam Sunder Dhingra.

POSTGRADUATE

A scholarship of Rs. 12400/- p.m. per student is awarded to all eligible student pursuing a regular course of study of M.Tech. Only those candidates who have qualified GATE are eligible for the award of the scholarships.

DOCTORAL PROGRAMME

A scholarship of Rs. 25,000/- p.m. to Junior Research Fellow and after two years through an appropriate Review Committee, Rs. 28,000/- to Senior Research Fellow is provided to regular research scholars.

11.10 TRAINING AND PLACEMENT STATISTICS

Leading national and multi national companies compete each other to be first in our campus for recruiting under-graduate and post-graduate students. Major companies such as ZS Associates, Winshuttle, Samsung, Adobe, Future First, Tata Motors, Microsoft, Amazon, Maruti Suzuki, Oracle, Free Scale Semiconductors, Honda, Google, C-Dot, Brahmos Aerospace etc. have visited the institute for recruitments. During the year 2013-14, more than 126 companies have visited the campus and offered 579 jobs to the undergraduate and about 194 jobs to post graduate students. The highest pay package offered has been of Rs. 97 lacs p.a. More than 43 students have been offered pay package between Rs. 8-10 lacs p.a. and another 97 students have been offered pay package in the range of Rs. 6-8 lacs p.a. Over 363 students have been offered dream jobs and many students have been offered Pre Placement Offer (PPO) of Rs. 8.34 lacs p.a. as pay package while undergoing training during sixth semester. The number of companies visited and jobs offered disciplinewise are tabulated below:

Discipline	No. of companies which conducted interviews	No. of jobs*
Computer Engg.	60	84
Information Technology	55	79
Electronics & Comm. Engg.	50	71
Mechanical Engg.	45	109

Electrical Engg.	46	76
Civil Engg.	35	51
Production & Industrial Engg.	28	29
MCA	40	56
M.Tech.	35	71
MBA	07	06

Note : *Some students were selected by more than one company.

11.11 FINANCE AND ACCOUNTS DETAILS

Since the inception of Institute, Government of India has been providing Plan Grant for development of Institute. The Plan Grant is mainly released for construction of residences in the campus, hostel buildings construction/renovation of instructional building and other buildings, purchase of new equipments as well as for purchase of furniture for the Institute as well as hostels. On a perusal of the grant released by the Government of India for the last 10 years, Plan Grant to the tune of Rs. 300.00 lacs for 2005-06, Rs. 900.00 lacs for 2006-07, Rs. 2315.00 lacs for 2007-08, Rs. 2756.00 lacs for 2008-09, Rs. 3944.00 lacs for 2009-10, Rs. 2200.00 lacs for 2010-11, Rs. 4100.00 lacs for 2011-12, Rs. 3300.00 lacs for 2012-13, Rs. 1500.00 lacs for 2013-14, Rs. 3800.00 Lacs for 2014-15 and Rs. 5300.00 lacs are released for the financial year 2015-16. The Plan Grant received from Government of India has been earmarked/utilized for construction of various works (Completed and on- going) as per details given below:-

- 1) Replacement of ACC Sheets in Workshop
- 2) Aviation Lights in Mega Hostel
- 3) Installation Electrical Sub Station in Residential Area
- 4) Interlocking Paver Blocks
- 5) Left-out Stretches near UHBVN Office
- 6) Provision for Lifts for Disabled
- 7) Replacement of electrical wiring in CCN & ECE Deptt.
- 8) Replacement of electrical wiring in Electrical Engg. Deptt.
- 9) Replacement of electrical wiring in Old Exam cell
- 10) Replacement of electrical wiring in Old Admn. Building
- 11) 16/20 High Mast Lights at Sports Ground
- 12) 300 seater Boys Hostel
- 13) 3- Storey Barrack quarters
- 14) Cold water tank supply
- 15) DG Power back up in Institute
- 16) DG Power Back up in Hostels
- 17) Glazed Tiles in Residences
- 18) Preparation of Institute Master Plan

- 19) New Girls Hostel
- 20) Permanent Fencing of Lawns & Gardens
- 21) Replacement of C.I./A.C. Water supply
- 22) Replacement of LT Panels
- 23) Sewrage Treatment Plan
- 24) Two Main Gates of Institute
- 25) Two Parking Areas in Institute

12. RESEARCH WORK

12.1 On going

(Rs. In Lacs)

Sr. No.	Name & Co-ordinator of the Project	Amount Sanctioned	Sponsoring Agency	Duration
1.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. RP Chauhan	29.50	BRNS Project	3 years
2.	Changing Water Cycle by Prof. KK Singh	10.20	MoES Project	3 years
3.	Distribution System Markets by Prof. Ashwani Kumar	15.98	DST Project	3 years
4.	A Computational Approach Singularly Perturbed Differential Difference Equations with Delay as well as Advace by Associate Prof. ASV Ravikanth	9.13	NBHM Project	4 years
5.	Supramolecular Flourscent probes for the selective detection of biological signaling molecule (H2S) and real time assay" by Dr. Amilan Jose Devadoss	24.68	SERB Project	3 years
6.	Silver Nano- Particle embedded bio- glasses: Electro- Thermal polling and Assessment of their bio compatibility by Dr. C.R. Marriapan	25.00	SERB Project	3 years
7.	Dye- Sensitized Solar Cells: Giant Improvement in Efficiency using up- conversion by Dr. Ashok Kumar, Asstt. Prof. in Physics Deptt.	16.61	SERB Project	3 years
8.	Quantum Chemical design Synthesis and Energetic Properties Study of Tetrazole based High Energy Materials Dr. Ghule Vikas Dasarath, Asstt. Prof. in Chemistry Deptt	26.29	DST Project	3 years

9.	Synthesis of Novel Random Laser Materials for Advance Photonic Applications by Dr. Yashashchandra Dwivedi, Asstt. Prof. in Physics Deptt	26.24	DST Project	3 years
10.	Design, Synthesis and Optoelectronic Properties of Thiophene based Functional Organic Materials by Dr. Chetti Prabhakar, Asstt. Prof. in Chemistry Deptt.	22.81	DST Project	3 years
11.	Multi-Functional Metal- Organic Frameworks Construction by New Organic Ligands with mixed N-/O donors by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	29.16	DST Project	3 years
12.	Neutral and Cationic Ruthenium Complexes for Amidation and related Reactions in Aqueous and Biphasic Medium by Dr. M. Senthil Kumar, Asstt. Prof. in Chemistry Deptt.	28.41	DST Project	3 years
13.	New Magnetic Materials applicable as Colored Pigments and Catalysts under INSPIRE FACULTY AWARD SCHEME from INSA (DST Project) by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	35.00	DST Project	3 years
14.	Vishvesariya Ph.D Scheme by Prof. Mayank Dave	346.58	Digital India (Media Lab Asia)	5 years
15.	Development of Polymometalate based light induced water oxidation catalysts by Dr. Amrita Ghosh	25.00	DST Project	3 years
16.	ISEA Project by Prof. A. Swarup and Prof. Mayank Dave	36.06	DST Project	3 years
17.	SMDP Project by Prof. A.K. Gupta and Prof. R.K. Sharma	16.13	DST Project	3 years

18.	Defending Distributed Denial of Service (DDoS) attacks using Dynamic Resource ownership and Economic Incentive based solution	23.06	DST Project	3 years
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12.2 ACHIEVEMENTS DURING THE YEAR

Mechanical Engineering Department

Workshops/Conferences/Seminars organized/attended

Organized:

Two days workshop on Research Methodology & Manuscript Writing during April 09-10, 2016 by Dr. P C Tewari & Dr. J P Misra

Attended:

National Conference on 'Advancement in Mechanical Engineering'. Aryans College of Engineering, March 12, 2016, Rajpura, Punjab, India.

International Conference on '5th International Conference on Material Processing and Characterization' GRIET, 12-13 March, 2016, Hyderabad, India.

Guest Lectures & Seminars.

Expert Lecture on 'Total Quality Management', Om Institute of Technology and Management, Hisar. March 14, 2016.

Key note speaker in National Conference on 'Advancement in Mechanical Engineering', Aryans College of Engineering, Rajpura (Punjab). March 12, 2016.

Expert Lecture on 'Personality Development', MM University Sadopur Ambala, Sep 10, 2015.

Expert Lecture on "Introduction to Advanced & Hybrid Machining Processes", Aligarh Muslim University, February 10, 2016.

Expert Lecture on "Tips for Better Presentation", NIT Kurukshetra, April 10, 2016.
Delivered Expert Lecture on topic "How to Motivate Faculty of Engineering Institutes" on 8th August, 2015 at Haryana Engineering College, Jagadhri, Yamuna Nagar (Haryana).

Presented a Key Note Address on the theme "Engineering Challenges for Knowledge Era" at M.M.U. Sadopur, Ambala on 'Engineer's Day' on 15th Sept., 2015.

Delivered Expert Lectures on "Research Motivation and Challenges" and "TQM

Applications in Higher Education" during 'Faculty Development Programme' on 22nd June, 2016 at M.M. University, Sadopur, Ambala.

Delivered a guest lecture on the topic Finite Element Analysis using Computer Aided Engineering in STC conducted by Department of Mathematics, NIT Kurukshetra from 21-09-2015 to 25-09-2015.

Delivered a lecture on "Modelling of Elastohydrodynamic Lubrication Considering Realistic Conditions" as a resource person for STC on "Mathematical Modeling and Computational Techniques in Nano Fluids" held in Department of Mathematics, NIT Kurukshetra from 21-25, Sep, 2015.

Books/Chapters written (Title, publishers, etc.)

Sharma.A., Garg,D. and Agarwal,A. (2016). Supply Chain for Disaster Management: An Empirical Study. In Managing Humanitarian Logistics. (pp. 241-252). Springer India.

Verma. S. and Misra, J. P. (2015). A Critical Review of Friction Stir Welding. DAAAM International Scientific Book, DAAAM International, Vienna.

Any other information/achievements

Awarded Best Paper Award/Medal by Production Engineering Division, Institution of Engineers (India) in 2015.

Physics Department

Conferences/ Symposia/ workshop Attended/organised:

Dr. Ashavani Kumar attended 103rd Indian Science Congress, University of Mysore, Mysore, during January 3 to January 7, 2016

Dr R.P.Chauhan, participated in National Symposium on Nano Science and Technology at Indian Institute of Science, Bangalore, 29-30 June 2016.

Dr R.P.Chauhan, participated in National conference on Emerging Trends and Technologies in Sciences (NCETTS-2016) March 25-26, 2016 at Aggarwal College Ballabgarh, Haryana.

Dr R.P.Chauhan, participated in National conference on Recent advances in Science and Technology (RAST-2016) February 27-28, 2016 at Arya PG College, Panipat, Haryana.

Dr R.P.Chauhan, participated in 19th National conference on SSNTD and their Applications, 19-21 November 2015 at NIT Jalandhar (Pb.)

Dr R.P.Chauhan, participated in 18 th International Conference on Radiation Effects in Insulators at Jaipur, Rajasthan 26-31 October 2015.

Anurag Gaur, attended one week short term course on Advanced Materials and Characterization during June 8-12, 2015 at NIT Kurukshetra.

Anurag Gaur organized one week Short Term Course On “Mathematical Modelling and Computational Techniques in Nanofluids” during September 21-25, 2015 as a coordinator.

Anurag Gaur, presented a paper in the “17th International Conference on Materials Engineering and Technology” held at Holiday Inn, Wembley, London, United Kingdom during September, 25-26, 2015.

Anurag Attended a National Workshop on Patents and Intellectual Property Rights, held at National Institute of Technology Goa on 4-5 March 2016.

Ashok Kumar, International Conference on Composite Materials and Material Engineering (ICCMME 2016) held at Bangkok, Thailand (09.03.2016 to 11.03.2016

C.R. Mariappan, International Conference on Composite Materials and Material Engineering hold at Bangkok, Thailand during March 9-11, 2016.

3rd National Conference organized by the department on “Nanoscience and Instrumentation Technology (NCNIT-2015)” during 06-07th June, 2015.

Organized one week Short Term Course on “Advanced Materials and Characterization”, 08.-12 June, 2015 at Department of Physics NIT Kurukshetra

Invited Talks/ lectures Delivered:

Dr. Ashavani Kumar delivered expert lecturer on Scanning Probe Microscopy Microscopy for the Morphology of Thin Films, during one week short term course on ““Emerging Materials: Synthesis and Characterization, at Department of Physics NIT Kurukshetra on 6-11 June, 2016.

Dr R.P.Chauhan, delivered two expert lectures on “Electrochemical Synthesis of One –Dimensional Nanostructures” & “Radiation Induced Material Modification” during one week short term course on ““Emerging Materials: Synthesis and Characterization, at Department of Physics NIT Kurukshetra on 6-11 June, 2016.

Dr R.P.Chauhan, delivered an Invited talk on “Environmental Radon: Measurement and Remediation Techniques” during conference on Emerging Trends and Technologies in Sciences (NCETTS-2016) March 25-26, 2016 at Aggarwal College Ballabgarh, Haryana.

Dr R.P.Chauhan, delivered an Invited talk on “Radiation Enabled Nanotechnology” during National conference on Recent advances in Science and Technology (RAST-2016) February 27-28, 2016 at Arya PG College, Panipat, Haryana

Dr R.P.Chauhan, delivered an Invited talk on "Study of the factors affecting Indoor radon levels through measurements and CFD Modeling" during 19th National conference on SSNTD and their Applications, 19-21 November 2015 at NIT Jalandhar (Pb.)

Dr R.P.Chauhan, delivered an expert lectures on "Introduction to Nanotechnology" & "Effects of Radiation on Human Health" Expert Lectures at JMIET Radur (Yamunanagar) on 25th September, 2015 for the students of B.Tech and Faculty.

Dr R.P.Chauhan, delivered expert lectures on "Radiation assisted Synthesis of Nanostructures" during one week short term course on "Nanomaterials for Two Dimensional Devices and Energy Applications, at School of Material Science and Nanotechnology, NIT Kurukshetra on 20-24 July 2015.

Ashok Kumar on Characterization techniques of thin film and its uses in research and industry, Guest Lecture, September 2015, North Cap University Gurgaon

Ashok Kumar, on Surface Characterization Techniques, Guest Lecture, February 2016, Chandigarh University

Ashok Kumar, on Thin films and Nanomaterials for advanced applications, Guest Lecture, February 2016, Chandigarh University

Y. Dwivedi, Upconversion in Hybrid nanosystem, National Workshop on Advance Techniques in Mathematics and Physics and Computer Sciences, February 18-20, 2016 organized by SRM University, Delhi-NCR Campus.

Y. Dwivedi, Micro-structuring with Lasers, International Conference on 'Advances in Light Technologies and Spectroscopy of Materials' January 16-18, 2016, Organized by Physics Department, Lucknow University.

Awnish Kumar, "Organic Semiconductors: Carrier Diffusion in Insulators....!" Expert Lecture, One week short term course on "Advanced Materials and Characterization", organised by Department of Physics, NIT Kurukshetra at NIT Kurukshetra on 8-12 June, 2015.

Awnish Kumar, "Organic Semiconductors: Possibility of Carrier Diffusion in Insulators" Expert Lecture, One week short term course on "Nanomaterials for Two Dimensional Devices and Energy Applications (N2DDEA)", organised by School of Material Science and Nanotechnology, NIT Kurukshetra at NIT Kurukshetra, 20-24 July, 2015.

Awnish Kumar, "Electroabsorption: A method to characterise Light Emitting Diodes and Solar Cells" Expert Lecture, One week short term course on "Nanomaterials for Two Dimensional Devices and Energy Applications (N2DDEA)", organised by School of Material Science and Nanotechnology, NIT Kurukshetra at NIT Kurukshetra, 20-24 July, 2015.

Any other prizes/achievement:

Dr. C.R.Mariappan received Alexander von Humboldt fellowship to work (for 2 months) in Karlsruhe Institute of Technology, Germany.

S. K. Agarwal Memorial Best Poster award given to Fiheon Imroze* and Awnish K. Tripathi for "Organic Light Emitting Field Effect Transistor: Simulation Study of Possible Device Configurations for Efficient Light Emission", awarded by Society for Semiconductor Devices (SSD), in the 18th International Workshop on the Physics of Semiconductor Devices (IWPSD-2015) held at Indian Institute of Science (IISc) Bangalore-560012 during 07-09 December 2015.

Best oral paper presentation awarded to Chetna Narula & R.P. Chauhan for paper presented on "Ion-beam-induced variation in the properties of Cadmium Selenate Nanowires" in the 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19)(November 19-21, 2015), organized by Department of Physics, NIT Jalandhar.

Best poster presentation awarded to Ritika Chaudhary & R.P. Chauhan for paper presented on "Study of the structural and optical properties of CdSe thin films" in the 19th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-19)(November 19-21, 2015), organized by Department of Physics, NIT Jalandhar.

Electrical Engineering Department**Seminar /conference/workshop/short term organized:**

Short Term Training Program (STTP) on "Nonlinear Systems and Control", at National Institute of Technology Kurukshetra, May 16-20, 2016, has been organized by Dr. A. Swarup.

STTP on "Power Electronics Applications in Power Quality, Electric Drives and Renewable Energy Systems (PEAS-2016)", has been organized by Dr. Giribabu D and Dr. Jayaram Nakka.

Guest Lecture delivered:

Expert Lecture in STTP- Nonlinear Systems and Control organized, NIT Kurukshetra, during May 16-20, 2016, has been delivered by Dr. G. L. Pahuja.

A Guest lecture on "Singular Perturbation Theory and Application to Control Systems", at SVNIT Surat, during December 14, 2015, has been delivered by Dr. A. Swarup.

Expert lecture at TEQIP-II sponsored one week short term training program on "Renewable energy applications: practices and challenges" Department of Electrical & Instrumentation Engineering Sant Longowal Institute of Engineering & Technology, Longowal, Sangrur, Punjab-148106, during December 21-25, 2015, has been delivered by Dr. Yash Pal.

Expert Lecture at one week STC on "Economic Operation of Power Systems with MATLAB and GAMS" at DEE, National Institute of Technology, Kurukshetra, during July 6-10, 2015, has been delivered by Dr. Yash Pal.

Expert Lecture at one week STTP on "Nonlinear Systems and Control" at DEER, National Institute of Technology, Kurukshetra during May 16-20, 2016, has been delivered by Dr. Yash Pal.

Expert lecture on "Control of nonlinear robotic systems" in STTP on "Nonlinear systems and control" during May 16-20, 2016 at NIT, Kurukshetra, has been delivered by Dr. Jyoti Ohri

Expert Lecture on "Robust Control and Applications" in STTP at Coimbatore Institute of Technology, Coimbatore, TN - Feb 2016, has been delivered by Dr. J S Lather.

A guest lecture on, "Sensorless Vector Control of Induction Motor" at PEAS in STTP-NIT Kurukshetra, on March 1st, 2016, has been delivered by Dr. Giribabu D.

Expert Lecture on "Renewable energy systems" at NIT Jaipur during September 2015, has been delivered by Dr. Jayaram Nakka.

Expert Lecture on "Renewable energy systems" at NIT Surat during December 2015, has been delivered by Dr. Jayaram Nakka.

Expert Lecture on "Renewable energy systems" at NIT Kurukshetra during February 2016, has been delivered by Dr. Jayaram Nakka.

Expert lecture on "Assesment of voltage unbalance" at U.C.E.R Allahabad on 15-07-2015, has been delivered by Dr. Shashi Bhushan

A guest lecture on "Optimal sizing of hybrid renewable energy systems" in PEAS-STTP 2016, at Department of Electrical Engineering, NIT Kurukshetra on 03/03/2016, has been delivered by Prof. Aeidapu Mahesh.

A guest lecture on "Hybrid renewable energy system developments", at Department of Electrical Electronics Engineering, Chirala Engineering College, chirala, AP on 26/09/2016 (FN), has been delivered by Prof. Aeidapu Mahesh.

A guest lecture on "Hybrid renewable energy developments", at Department of Electrical Electronics Engineering, VRS&YRN college of Engineering & Technology, chirala, AP on 26/09/2016 (AN), has been delivered by Prof. Aeidapu Mahesh.

Seminar /conference/workshop/short term attended:

Short term course on “Power System Reliability” at PSTI, Bengaluru, during 10 – 15th July 2016, has been attended by Dr. G. L. Pahuja.

One Day Workshop on “Model Curriculum Development of UG Courses” at Dr B R Ambedkar National Institute of Technology, Jalandhar, on 09.09.2016, has been attended by Dr. G. L. Pahuja.

Workshop on “IEEE Smart –Tech Workshop”, at IEEE Pranglve sector, September 25-26th, 2015, has been attended by Dr. G. L. Pahuja.

Workshop on “Outcome Based Education” at DY Patil Institute of Engg. & Technology, Pune, January 9-10, 2016, has been attended by Dr. A. Swarup.

Workshop on “Emerging Trends in Control Systems” at NIT Trichy, October 17, 2015, has been attended by Dr. A. Swarup.

Appraisal Workshop of “ISEA Project Phase II” at Indian Institute of Technology, Madras, February 01- 02, 2016, has been attended by Dr. A. Swarup.

A Short term course on “School on Systems and Control” during August (04-09), 2016, held at IIT Kanpur, has been attended by Dr. Lillie Dewan.

One week course on “Dynamical Systems and Control” during 29th August to 03rd July, 2015 held at IIT, Roorkee, has been attended by Dr. Yash Pal.

Short term course under TEQIP-II on “Power System optimization: A journey from conventional to meta-heuristic techniques” during June 5-6, 2015, held at IIT, Delhi, has been attended by Dr. Yash Pal.

Workshop “TEQIP school on System and Control” during 04-09 August 2015 at IIT Kanpur, has been attended by Dr. Jyoti Ohri.

Fourth International Conference on “Eco-friendly Computing and Communication Systems (ICECCS-2015)” during 7-8 december, 2015 at NIT Kurukshetra, has been attended by Dr. Jyoti Ohri.

Short term Course on “DSP Controlled Power Electronic Converters & Drives” during Sept. 28-30, 2015 held at NIT Warangal, has been attended by Dr. Giribabu D.

Workshop on control of “Renewable Power System” during 02-06 February, 2016 held at NIT Rourkela, has been attended by Dr. Tejavthu Ramesh.

International Conference on “Energy, Power and Environment (Towards Sustainable Growth)”, ICEPE during 12-13th June 2015 held at NIT Meghalaya Shilong by Atma Ram Gupta.

2nd IEEE International Conference on “Recent Advances in Engineering and Computational Sciences”, (RAECS) 21-22nd, December -2015 at UIET, Chandigarh has been attended by Atma Ram Gupta.

Conference on Global Colloquium in “Recent Advancement and Effectual Researches in Engineering, Science and Technology”, (RAEREST 2016) 22-23rd, April-2016 at Palai, Kottayam Kerala has been attended by Atma Ram Gupta.

Workshops on “Embedded System Design using 8bit and 32bit Microcontrollers” Conducted by Atmel India University Program and NIT Kurukshetra on 22-23 June-2015 has been attended by Atma Ram Gupta.

Short Term Course under Quality Improvement Programme on “ Application of AI Techniques to Power System Operation and Control (AAITPSOC- 2016)” during 2nd to 7th May, 2016, Organized by Department of Electrical Engineering and EEE, Veer Surendra Sai University of Technology: Odisha, Siddhi Vihar, Burla, Sambalpur has been attended by B. Bag.

National Workshop on “Smart Technologies: Application in Electrical engineering”, organized by Department of Electrical Engineering, MANIT, Bhopal during 17th August-18th August, 2015 has been attended by B. Bag.

Winter School on “control and dynamic systems” at IIT Gandhi Nagar during 24-27 Jan 2016 has been attended by M P R Prasad

Short Term Training Program on “Nonlinear systems and control” at NIT Kurukshetra during 16-20 May 2016 has been attended by M P R Prasad

Conference on IEEE Symposium on “Underwater technology” at NIOT & IITM during 23-25, Feb-2015 has been attended by M P R Prasad.

Short term course on “Digital Signal Processor Controlled Power Electronics & Drives (DSPEC-2015)” at NIT Warangal during 28-30 September 2015 has been attended by Shivam.

Short term training program (STTP) on “Power Electronics Applications in power quality, drives and renewable energy Systems (PEAS)” at NIT Kurukshetra during 29th Feb – 4th Mar 2016) has been attended by Shivam.

Workshop on “Smart microgrid” at IIT Kanpur during 8-10 April 2016, has been attended by Prof. Shivam.

Workshop on “Smart Microgrids”, at Department of Electrical Engineering, IIT Kanpur, during 8 – 10 April, 2016, has been attended by Prof. Aeidapu Mahesh.

Workshop on “Smart Microgrid”, at IIT Kanpur during 8-10 April 2016, has been attended by Prof. Amit Kumr.

Conference on “IEEE INDICON”, December 2015, has been attended by Prof. Pradeep kumar.

Book Published

Debasis Chatterjee, J. S. Lather and Lalita Gupta, “Wiley GATE 2017 ELECTRICAL ENGINEERING”, Wiley 2016.

Any other Information/ Achievements:

Chaired a session on Performance Evaluation and Measurement in 4th International Conference on Eco-friendly Computing and Communication Systems (ICECCS), at NIT Kurukshetra, December 08, 2015, has been chaired by Dr. A. Swarup.

Chaired a session on Robust Control –II in 4th International Conference on Advances in Control and Optimization of Dynamical Systems (ACODS), at NIT Tiruchirappalli, February 04, 2016, has been chaired by Dr. A. Swarup.

Co-Chaired a session on Applications of Fuzzy Control in 4th International Conference on Advances in Control and Optimization of Dynamical Systems (ACODS), at NIT Tiruchirappalli, February 03, 2016, has been co-chaired by Dr. A. Swarup.

Civil Engineering Department

Lecture delivered/conference/workshops/STTP attended and conducted

Short Term Course Conducted by S.K. Madan and Arun Goel on the topic “Disaster Mitigation and Management on dated 22-26 June, 2015.

Dr.S.K.Patidar

Attended Bhujal Manthan organized by Central Ground Water Board, Ministry of Water Resources, River Development and Ganga Rejuvenation, Govt of India at Bhagavat Geeta Sadan, KU Auditorium, Kurukshetra, August 21, 2015.

Delivered lecture on “Overview of Sewage Treatment and Disposal” in 3 Week Refresher Course in Environmental Studies organized by UGC-Human Resource

Development Centre of KUK at Department of Geophysics, KUK, during December 10-30, 2015.

Nipen Kumar Das

Attended a National level seminar on "BhujalManthan" by Ministry of Water Resource, River Development and Ganga Rejuvenation at Kurukshetra University on 18th August 2015.

A.K.Prabhakar

Gian (MHRD) under the Government of India at NIT Hamirpur on period 22-26 Feb 2016.(Short term courses)

Bhujal Manthan (MOWR,RD&GR) under the Government of India at Kurukshetra university on period 18 August 2015 (Seminar)

Electronics & Communication Engineering Department

Workshops/Short term courses attended:

'Short term course on Data Network & Security conducted by ECE department of Goa college of Engineering in association with the department of ECE Basaveshvara Engineering College, Bagalkot from Jan. 11- 15, 2016. (Attended by Dr. Arvind Kumar).

Six-week summer training on "Applications of MATLAB in Communication Engineering" for U.G./P.G. students at ECE department, NIT Kurukshetra from 08.06.2015 to 17.07.2015. (Organized by Dr. Arvind Kumar).

One-week short term training programme on "Data Networks and security" from 11-15, Jan 2016, conducted by GCE, Goa. (Attended by Chhagan Charan).

Short term course on "Telecom Management: Current and Emerging" at IIT Delhi, from 20th-21th Aug, 2015. (Attended by Chhagan Charan).

Humanities & Social Sciences Department

Visit of Professor Binayak Rath, Mentor Faculty of the Department

With a view to interact with the faculty and research scholars of the Department of Humanities & Social Sciences in his capacity as Mentor Faculty, Prof Binayak Rath, Former Professor of Economics, IIT Kanpur and Former Vice Chancellor of Utkal University, visited NIT Kurukshetra during June 03-05, 2015. During his stay in the campus, he had undertaken a round of discussions with the faculty members as well as with the research scholars of the department.

Based on his discussions with the faculty members as well as with the research scholars, a report was submitted to the Institute for kind perusal.

It is worth mentioning that the Department of Humanities & Social Sciences is the only department in the Institute till date to have invited the Mentor Faculty.

Lecture Delivered/Session Chaired/Invited as External Expert

Dr. Rajender Kumar delivered a lecture on copy rights issues in research 2nd summer school course organized by U.G.C. Human Resource Development Centre, Punjabi University, Patiala on 2nd July, 2015.

Dr. Rajender Kumar delivered a lecture on case studies on copy rights 26th Orientation Program by U.G.C. Human Resource Development Centre, Punjabi University, Patiala on 4th July, 2015.

Dr. Rajender Kumar delivered a lecture on IPR Issues in research Orientation program by U.G.C. Human Resource Development Centre, BPS Mahila University, Gohana on 15th October 2015.

Dr. Rajender Kumar delivered a lecture on "Intellectual Property Rights: Concept and Relevance" organized by U.G.C. Human Resource Development Centre, Punjabi University on 16th April, 2015.

Dr. Rajender Kumar delivered a lecture on "IPR Issues in Research" in the Department of Food Business Management and Entrepreneurship Development at NIFTEM, Sonapat, Haryana on 15th November, 2015.

Dr. Rajender Kumar Chaired a Technical Session in 19th annual conference of Indian Political Economy Association, Goa University, Goa, 4-5 December, 2015.

Dr. Rajender Kumar acted as an external expert:

Punjab University, Patiala (Humanities and Social Sciences Department), J.P.

University, Noida Campus, Noida, (Humanities and Social Sciences Department)

Department of Food Business Management and Entrepreneurship Development,

National Institute of Food Technology Entrepreneurship and Management, (NIFTEM),

Department of Management and Humanities, Sant Longowal Institute of Engineering

and Technology, Longowal, Punjab Department of Mathematics and Humanities,

M.M. University Mullana, Ambala, Haryana

Dr Vikas Choudhary invited as an External Expert on Consultative Meet on New Education Policy by DGHE, Haryana organized by Hindu Girls College, Jagadhri on October 28, 2015.

Dr. Vikas Choudhary Chaired a Technical Session at International Conference on Technology, Science, Management and Innovations organized by MM College, Fatehabad on November 29, 2015.

Dr Vikas Choudhary acted as an External Expert on the Board of Studies Meeting organized by Department of Management and Humanities, SLIET Longowal, Sangrur on December 15, 2015.

Dr Vikas Choudhary acted as a Member, Panel of Judges in ANVESHAN: Students' Research Convention (North Zone) organized by NDRI Karnal during December 28-29, 2015.

Dr Vikas Choudhary delivered a Guest Lecture on "Capital Structure Decisions: Concept, Importance, Optimal Capital Structure and Determinants of Capital Structure" organized by Department of Commerce, SD College, Ambala on February 11, 2016.

Dr. Vikas Choudhary Chaired a Technical Session at National Seminar on "Make in India- An Initiative to Boost Indian Economy" held at GN Khalsa College, Yamuna Nagar on March 19, 2016.

Dr Vikas Choudhary delivered an Expert Lecture on "Interpersonal Relationships at Workplace" organized by Department of Management and Humanities, SLIET Longowal, Sangrur on March 30, 2016

Any other information/achievement:

Dr. Kiran Mor, Member, Board of Advisors and the reviewer – ACME Intellects International Journal of Research in management – ISSN 2320-2793 (Online).

Dr. Geeta Sachdeva, Member of Editorial Board (2015) 'Journal of Strategic Human Resource management' (ISSN No. 2277-2138), Ref.: 031115-JSHRM-217.

Research Collaboration

Dr. Ashwani, Worked as Research Consultant in a project Impact Assessment of Rice (Paddy) Varieties and Package of Practices Developed by ICAR and SAUs in India, carried out by National Council of Applied Economic Research, New Delhi and sponsored by Indian Council of Agricultural Research.

Mathematics Department

Research Paper Presented in Conferences

Short Term Courses/ Conferences/ Workshops Attended/organized:

Paras Ram, Conducted one week Short Term Course on “Mathematical Modelling and Computational Techniques in Nano-Fluids (MMCTNF 15) from September 21-25, 2015.

A. S. V. Ravi Kanth, Conducted one week Short Term Course on “Mathematical Modelling and Computational Techniques in Nano-Fluids (MMCTNF 15) from September 21-25, 2015.

A. S. V. Ravi Kanth, Organized National Mathematics Day on 22.12.2015.

Amit Prakash, Attended a one-week STTP on “Mathematical Modelling and Computational Technique in Nano-fluids (MMCTNF-15)” during 21-25 September 2015 at NIT, Kurukshetra.

Amit Prakash, Attended a one-week STTP on “Mathematical Modelling and Computational Technique (MMCT-15)” during 7-11 December 2015 at NIT, Warangal.

Sarasvati Yadav, Attended a one-week STTP on “Mathematical Modelling and Computational Technique in nano fluids” during 21-25 September 2015 at NIT, Kurukshetra.

Sarasvati Yadav, Organized National mathematics Day celebration as coordinator on 22 December 2015 at NIT, Kurukshetra.

Naveen Kumar, 15th International Conference on Control, Automation and Systems (ICCAS 2015), Busan, South Korea during October 13-16, 2015.

Smita Sonkar, Attended a one-week STTP on “Mathematical Modelling and Computational Technique in nano fluids” during 21-25 September 2015 at NIT, Kurukshetra

Expert Talk / Invited Lectures Delivered:

Paras Ram, Lectures delivered on Nanofluids: Introduction and Thermal Effects during the short term course on “Mathematical Modelling and Computational Techniques in Nano-Fluids (MMCTNF 15) from September 21-25, 2015.

Paras Ram, Delivered Keynote Lecture "The Glory of India in the Field of Mathematics" on National Mathematics Day (22-12-15).

A. S. V. Ravi Kanth, Delivered lecture on "Cubic Spline in Tension for Singularly Perturbed Problems", Department of Mathematics, NIT Kurukshetra on September 25, 2015.

Chemistry Department

Awards

Best Presentation Award in "International conference on Science: Emerging scenario and Future Challenges" Organized at Dharamshala by Him Science Congress during 11-12 June 2016.

"Bharat Jyoti Excellence Pride of Nation Award 2016" awarded by MVLA Trust, Mumbai.

Department of Business Administration

Workshop/conferences/seminars Conducted/Attended:

Dr. Neeraj Kaushik

Two day workshop on Analytical techniques for Research in Government College for Commerce and Business Management, Sec-50, Chandigarh on March 30-31, 2016

Two day workshop on Quantitative Methodology of Research in Social Sciences in Dr. K.R. Narayanan Centre for Dalit and Minorities Studies, Jamia Millia Islamia, New Delhi on March 25-26, 2016

Five day workshop on Structural Equation Modeling in Birla Institute of Technology, Mesra (Noida Campus) on March 19-23, 2016

Three day workshop on Analytical Tools and Techniques in Research in Institute for Excellence in Higher Education, Bhopal on March 11-13, 2016

Two day workshop on MS-Office for Researchers in Department of Business Administration, NIT Kurukshetra on Feb 20-21, 2016

Two day workshop on Multivariate Analysis in Department of Commerce, Jammu University, Jammu on Feb 13-14, 2016

Two day workshop on Research Methodology using SPSS in Institute of Management Studies, Ghaziabad on Feb 5-6, 2016

One day workshop on 'Data Analysis using SPSS-I' in School of applied Sciences, G D GOENKA UNIVERSITY on Jan 25, 2016

Two day workshop on Analytical tools for Research in KPB Hinduja College of Commerce Mumbai on Dec 25-26, 2015

Three days workshop on Structural Equation Modeling in One week National workshop on Analytical Techniques for Research Delhi School of Professional Studies & Research, Delhi on October 23-25, 2015.

Two day workshop on Multivariate Techniques in Research in Manav Rachna International University, Faridabad on Oct 16-17, 2015

Two days workshop on Research Methodology using SPSS in Guru Nanak Institute of Management, Delhi on Aug 1-2, 2015

Two days workshop on Structure Equation Modeling in Gitarattan International Business School , Delhi on July 5-6, 2015

Four days workshop on Structure Equation Modeling in Delhi School of Professional Studies & Research, Delhi on June 26-29, 2015

Three day workshop on Research Methodology in KPB Hinduja College of Commerce Mumbai on May 17-19, 2015

Two days workshop on Research Methodology in IMSAR, Mahrishi Dayanand University, Rohtak on May 9-10, 2015

Three days workshop on Structure Equation Modeling in Department of Commerce, Guru Nanak Dev University, Amritsar on May 2-4, 2015

Two days sessions in ICSSR Sponsored Workshop on Research Methodology in Himachal Pradesh university, Shimla on Apr 21-22, 2015

Two day workshop on MS-Office for Research in National Institute of Technology, Kurukshetra on Apr 18-19, 2015

One day session in ICSSR Sponsored Workshop on Research Methodology in Lyallpur Khalsa College, Jalandhar on Mar 22, 2015

Two day workshop on Data Analysis using Statistical Package for the Social Sciences in GD Goenka University, Gurgaon on Jan 16-17, 2015.

Dr. Mohammad Firoz

One-week workshop on "Financial Management Practices" at IIT Delhi from 17-21 August, 2015

International Conference:

Students Perception on Service Quality: The Case of Engineering Institutions

International Conference on Scaling New Heights and Horizons in Higher Education
Thakur College of Science & Commerce, Mumbai (Feb 18, 2016) (Accepted for
presentation)

BOOKS/ CHAPTERS WRITTEN (TITLE, PUBLISHERS, ETC.)

Kumar Jha Manish and Singh, Chanchal (2015)"Kisan Credit Card: A Qualitative
Assessment of Moradabad District" Published by Lambert Academic Publication,
Germany - ISBN No. 978-3-659-81484-6

Computer Engineering Department

Ritu Garg, Mohit Dua: organized a Workshop on "Next Generation Computing:
Research Issues and Challenges (NGC16)" in department of computer engineering
during 27.06.2016 - 01.07.2016 sponsored by TEQIP-II

Young Faculty Award-2016 in the field of Computer Science bestowed by Hon'ble Mr.
Justice T.N. Vallinayagam of Tamilnadu & Prof. Matthew Hibberd of University of
Stirling, on 9th July 2016 at the VIJAYA Hall, Green Park Chennai, India during an
Academic Meet.

Vikram Singh received "Innovative Design for Computing award" for paper 'Multi-
objective Parametric Query Optimization for Distributed Database Systems', In 5th
Int. Conf. on Soft Computing for Problem Solving (SocPros'15), Vol. 01, pp. 219-223,
Dec 18-20, 2015, IIT Roorkee, India (Springer Singapore).

Department of Computer Applications

Books Published (As Co-author)

"Adib Kabir Chowdhury, Muhammed Ibrahim, Ashutosh Kumar Singh, Multiple
Valued Logic (MVL) Approach: Network Congestion Management", Scholar Press,
(ISBN: 978-3-639-76850-3), Aug 2015.

12.3 PUBLICATIONS, PATENTS etc.

MECHANICAL ENGINEERING DEPARTMENT

Papers in International/National Journals

Chaurasia,B., Garg,D. and Agarwal,A. (2016) A Framework to Improve Performance
of Firms through Implementing Lean Six Sigma Strategies during Recession.
International Journal of Advanced Production and Industrial Engineering. Vol. 1
Issue. 3 pp. 23-27.

Garg,D., Luthra,S., and Haleem,A. (2016) An valuation of Barriers to Implement Reverse Logistics: A Case Study of Indian Fastener Industry. *International Journal of Mechanical, Aerospace, Industrial, Mechatronics and Manufacturing Engineering*. Vol. 10 No. 8. Pp. 1398-1403.

Luthra,S., Kumar,S., Garg,D. and Haleem,A. (2016) Comparative Evaluation of GSCM Practices in Automotive Components Manufacturing Firms of India: A Fuzzy TOPSIS Approach. *International Journal of Logistics Systems and Management*. Vol. 25 No. 3. Pp. 358-390. (Inderscience)

Sharma,A., Garg,D. and Agarwal,A. (2016) Identification of Influencing Quality Management Variables using ISM approach. *International Journal of Advanced Operations Management*. Vol. 8 No. 1. Pp. 38-63. (Inderscience)

Chaurasia,B., Agarwal,A. and Garg,D. (2016) Framework to Improve Performance through Implementing Lean Six Sigma Strategies to Oil Exporting Countries during Recession or Depression. *International Journal of Productivity and Performance Management*. Vol. 65 No. 3. (Emerald)

Chaurasia,B., Agarwal,A. and Garg,D. (2016) An Integrated Fuzzy-Based Multi Criteria Decision Making System to Selection of Lean Tool performance: An Indian Automotive Parts Manufacturing Company Case study. *Global Journal of Enterprise Information System*. Vol. 7 Issue 4. Pp. 23-31. (Indexed in Scopus and Google Scholar).

Mishra, O.P., Kumar, V. and Garg, D. (2015) An Investigation of JIT based Supply Chain towards Alignment of Suppliers, Manufacturers and Distributors: A Literature Review. *International Journal of Supply Chain and Operations Resilience*. Vol. 1 No. 4 (Inderscience)

Mishra, O.P., Kumar, V. and Garg, D. (2015) Multi-attributes based Comparison of JIT Distribution Process of Supply Chain. *International Journal of Logistics and Systems Management*. Vol. 22 No. 4, 500-519. (Inderscience)

Mishra, O.P., Kumar, V. and Garg, D. Investigations of JIT Applicability in Supply Chain: Empirical Evidence from Indian Firms. *International Journal of Business Performance of Supply Chain Management*. (accepted) (Inderscience)

Agarwal,A., Garg,D. and Shukla,R.K. Modelling Supply Chain Coordination: An Integration of Fuzzy AHP and Fuzzy TOPSIS. *International Journal of Business Performance and Supply Chain Modelling*. (accepted) (Inderscience)

Shukla,R.K., Garg,D. and Agarwal, A. An Empirical Study of Coordination Practices in Supply Chain of Indian Manufacturing Firms. *International Journal of Productivity and Quality Management*. (accepted) (Inderscience)

Gupta,V., Kumar,R. and Garg,D. Efficacy Appraisal Model of TQM Elements in Auto Industry in India. International Journal of Services and Operations Management. (accepted) (Inderscience)

Luthra,S., Garg,D. and Haleem,A. The Impacts of Critical Success Factors for Implementing Green Supply Chain Management towards Sustainability: An Empirical Investigation of Indian Automobile Industry. International Journal of Cleaner Production. (accepted) (SCI) (Elsevier)

Kausar, Garg,D. and Luthra,S. An Analysis of Barriers to Implement Sustainable Supply Chain Management- An Indian Perspective. Industrial Engineering Journal. Vol. IX No. 4, 2016. Pp. 36-42.

Pandey,H., Garg,D. and Luthra,S. Barriers in Green Lean Six Sigma Implementation: An ISM Approach. Industrial Engineering Journal. Vol. IX No. 2, 2016. Pp. 23-29.

Khatri,A., Garg,D. and Dangayach,G.S. Agile Manufacturing: Model and Manpower Challenges. Annual Technical Volume of Production Engineering Division Board, Institution of Engineers (India). Vol.1, 2016. Pp. 10-17.

Gupta,V., Garg,D. and Kumar,R. Performance Assessment of TQM Aspects in Manufacturing. Industrial Engineering Journal. Vol. VIII No. 12, 2015. Pp. 6-11.

Gupta,R. and Garg,D. Applicability of Just-in-Time in SMEs. Industrial Engineering Journal. Vol. VIII No. 11, 2015. Pp. 23-27.

Shukla,R.K., Agarwal,A. and Garg,D. Supply Chain Coordination: A Theoretical Framework. Industrial Engineering Journal. Vol. VIII No. 10. 2015 pp. 23-26.

Sujata,S., Garg,K. and Garg,D. Implementing Lean Manufacturing in an Auto Industry: A Case Study. Industrial Engineering Journal. Vol. VIII No. 7, 2015. pp. 6-12. (appreciated by a Practioner)

Shukla,R.K., Agarwal,A. and Garg,D. Coordination Practices in Supply Chain Management: An Empirical Study of Indian Manufacturing Firms. Journal of Manufacturing Research. (accepted)

Kapil Mittal, Puran Chandra Tewari, Dinesh Khanduja&PrabhakarKaushik, "Application of Fuzzy TOPSIS MADM approach in ranking & underlining the problems of plywood industry in India", Cogent Engineering (2016), Vol. 3, DOI: 1155839.

Kapil Mittal, Puran Chandra Tewari& Dinesh Khanduja, "Refurbishing Business Processes: An Insight", Journal of Industrial Engineering and Advances (2016), Vol. 1(1), pp. 1-8.

Sandeep Chauhan, V. Verma, Ujjwal Prakash, P.C. Tewari and Dinesh Khanduja (2016), "Analysis of Powder Metallurgy Process Parameters for Mechanical Properties of Sintered Fe-Cr-Mo Alloy Steel", Accepted for Publications, Materials and Manufacturing Processes.

Gaurav Sharma and Dr. P.C. Tewari (2015), "Development of Decision Support System for Feeding Unit of a Sugar Industry", "International Journal of Engineering and Scientific Research", Vol. 3, Issue 8, pp. 157-170.

M.P. Garg, Ajai Jain & Gian Bhushan, (2015) On process analysis and optimization of wire electric discharge machining of Ti 6-2-4-2 using regression modeling and genetic algorithms, Int. J. of Machining and Machinability of Materials, Vol. 17, No. 3/4, pp.185-210

Vinkel Arora, Gian Bhushan & M.L. Aggarwal (2015) Effect of surface decarburisation, scragging stress and individual leaf camber on fatigue life of 65Si7 leaf springs, International Journal of Design Engineering, Vol. 6, No. 1, pp. 22-44.

Deepak Chhabra, Gian Bhushan & Pankaj Chandna (2016) Optimal Placement of Piezoelectric Actuators on Plate Structures for Active Vibration Control using Modified Control Matrix and Singular Value Decomposition Approach, Mechanics of Advanced Materials and Structures, Vol. 23, No. 3, pp. 272-280.

Sunil Dhingra, Gian Bhushan & Kashyap Kumar Dubey (2016) Comparative performance analysis of jatropha, karanja, mahua, and polanga based biodiesel engine using hybrid genetic algorithm, Journal of Renewable and Sustainable Energy, Vol. 8, No. 1, doi. 10.1063/1.4939513.

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S. V Tagliacane, P.W.C. Prasad, G. Zajko, A. Elchouemi, Ashutosh Kumar Singh, "Network Simulations and future technologies in teaching Networking Courses", IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET2016), March 23-25, 2016.

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Adib Kabir Chowdhury, Ashutosh Kumar Singh, "Synthesis and Reduced Logic Gate Realization of Multi-Valued Logic (MVL) Functions using Neural Network Deployment Algorithm (NNDA)", *Journal of Engineering Science and Technology*, Volume 11, Issue 5, Feb 2016. (Scopus Indexed).

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Sarika Jain, Anjali Grover, Praveen Singh Thakur, Sourabh Kumar Choudhary, "Trends Problems and Solutions of Recommender Systems", IEEE International Conference on Computing, Communication and Automation, ICCCA-2015, 15-16 May

HUMANITIES DEPARTMENT

Papers in International/National Journals

Mor Kiran and Ms. Geetu Sapra "Managing the Exploratory Tendencies of Consumer towards Mobile: An Empirical Investigation" *Management Edge*, ISSN 09760431, Vol 8, No. 1, Jan – June 2015, Pg 66-79.

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Pravakar Sahoo and Ashwani (Accepted for publication). "Role of Japanese Official Development Assistance in Enhancing Infrastructure Development in India", Contemporary South Asia 15 March 2016.

Ashwani Bishnoi (October 2015). ASEAN India Investment Interdependence: A Time Series Econometrics Approach, Euro-Asian Journal of Economics and Finance, ISSN: 2310-0184 (print), Volume: 3, Issue: 4, Pages: 195-216.

Ashwani (September 2015). Public-Private Partnership Experience in India: Challenges and Prospects. Int. Journal of Management and Development Studies 4(3): 270-288, ISSN (Online): 2320-0685. ISSN (Print): 2321-1423.

Shahida. (2015) "A Philosophical Enquiry into Select Poems of Early Kashmiri Sufi Poets." Critical Space. Vol. 4. October 2015. 25-30.

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Mor Kiran, Lochab Anshu' Presented Paper at National Conference at RDIAS, New Delhi "Make in India: Emerging Trends in trade & Innovation for effective Entrepreneurship (MI-ETTIEE, April 2015) Titled "Boundaryless career and subjective career success- Indicating Gender Difference (Best Paper Award).

Papers in Edited Books

Kumar Rajendra, "Environment and Sustainable Development in South Asia", Socio-Economic Changes in South Asia book edited by Dr. Balwinder Singh Tiwana, Publication Bureau Punjab University Patiala, PP 159-166, Jan 2016

DEPARTMENT OF BUSINESS ADMINISTRATION

Research Papers Published

Neeraj Kaushik, "Socially responsive consumption behaviour - An Indian perspective Social Responsibility Journal, Vol. 12 Issue: 1 (ISSN: 1747-1117) Jan 2016

Papers presented at Conference/Seminar

Neeraj Kaushik, "Determinant of Consumer's Trust in Online Shopping 6th National Conference on Management & Information Technology (COMIT 2015), Gitarattan International Business School (April 24-25, 2015)

12.4 R & D INCOME & EXPENDITURE

Sr. No.	Name of Scheme & Principal Investigator	Amount available upto 2015-16	Amount utilized upto 31.03.2016	Balance as on 31.03.2016
1.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. RP Chauhan	29.35	29.35	NIL
2.	Changing Water Cycle by Prof. KK Singh	11.09	10.46	0.63
3.	Distribution System Markets by Prof. Ashwani Kumar	9.30	6.35	2.95
4.	A Computational Approach Singularly Perturbed Differential Difference Equations with Delay as well as Advace by Associate Prof. ASV Ravikanth	6.11	5.07	1.04

5.	Supramolecular Fluorescent probes for the selective detection of biological signaling molecule (H ₂ S) and real time assay” by Dr. Amilan Jose Devadoss	19.30	18.36	0.94
6.	Silver Nano- Particle embedded bio-glasses: Electro- Thermal polling and Assessment of their bio compatibility by Dr. C.R. Marriapan	18.50	15.73	2.77
7.	Dye- Sensitized Solar Cells: Giant Improvement in Efficiency using up-conversion by Dr. Ashok Kumar, Asstt. Prof. in Physics Deptt.	14.54	13.90	0.64
8.	Quantum Chemical design Synthesis and Energetic Properties Study of Tetrazole based High Energy Materials Dr. Ghule Vikas Dasarath, Asstt. Prof. in Chemistry Deptt	14.70	13.87	0.83
9.	Synthesis of Novel Random Laser Materials for Advance Photonic Applications by Dr. Yashashchandra Dwivedi, Asstt. Prof. in Physics Deptt	15.74	13.63	2.11
10.	Design, Synthesis and Optoelectronic Properties of Thiophene based Functional Organic Materials by Dr. Chetti Prabhakar, Asstt. Prof. in Chemistry Deptt.	13.00	9.88	3.12
11.	Multi Functional Metal- Organic Frameworks Construction by New Organic Ligands with mixed N-/O donors by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	17.20	11.40	5.80
12.	Neutral and Cationic Ruthenium Complexes for Amidation and related Reactions in Aqueous and Biphasic Medium by Dr. M. Senthil Kumar, Asstt. Prof. in Chemistry Deptt.	15.00	10.88	4.12
13.	New Magnetic Materials applicable as Colored Pigments and Catalysts under INSPIRE FACULTY AWARD SCHEME from INSA (DST Project) by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	7.00	6.44	0.56
14.	Vishvesariya Ph.D Scheme by Prof. Mayank Dave	15.37	15.37	NIL

15.	Development of Polymometalate based light induced water oxidation catalysts by Dr. Amrita Ghosh	11.40	5.79	5.61
16.	ISEA Project by Prof. A. Swarup and Prof. Mayank Dave	36.06	3.10	32.96
17.	SMDP Project by Prof. A.K. Gupta and Prof. R.K. Sharma	15.95	3.52	12.43
18.	Defending Distributed Denial of Service (DDoS) attacks using Dynamic Resource ownership and Economic Incentive based solution	13.50	3.04	10.46

**AUDIT REPORT
AND
AUDITED STATEMENT OF ACCOUNTS
FOR THE YEAR 2015-16**



**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA 136119**

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**AUDIT REPORT
AND
AUDITED STATEMENT OF ACCOUNTS
FOR THE YEAR 2015-2016**

Sr. No.	Particulars	Page No
1.	Audit Certificate	(i-v)
2.	Balance Sheet	(1)
3.	Income & Expenditure & Account	(2)
4.	Schedule 1 to 24	(3-31)
5.	Receipt & Payment Account	(32-35)

THE HISTORY OF THE

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AUDIT CERTIFICATE

1. We have audited the Balance Sheet of National Institute of Technology, Kurukshetra as on 31st March 2016, Income and Expenditure Account and Receipts and Payment Account for the year ended on that date under section 19(2) of the Comptroller and Auditor General's (Duties, Power & Conditions of Service) Act, 1971 read with Section 22 of the National Institute of Technology Act, 2007. 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 observation 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 inception 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 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, Income and Expenditure Account / Receipt and Payment Account dealt with by this report have been drawn in the Format prescribed by Ministry of Human Resource Development, Government of India vide order No. 29-4/2012-FD dated 17 April 2015.
 - III. In our opinion, proper books of accounts and other relevant records have been maintained by the National Institute of Technology, Kurukshetra in so far as it appears from our examination of such books.
 - IV. We further report that:

A. Balance Sheet

A.1. Sources of Funds

Current Liabilities & Provisions (Schedule 3): Rs. 59.78 crore

The above head does not include provision for Rs. 11.01 lakh on account of Municipal taxes for the year 2015-16 payable to Municipal Committee, Kurukshetra. This has resulted in understatement of Current Liabilities & Provisions and overstatement of Surplus for the year by Rs. 11.01 lakh.

A.2 Application of Funds

Current Assets (Schedule 7): Rs. 204.78 crore

A reference is invited to note at Sl. No. 7.1 in Notes of Accounts (Schedule – 24) which states that the “Employees Gratuity, Pension and Leave Encashment is a definite Benefit Plan but the Institute has not complied AS-15 in the defined Benefit Plan”. The Institute has shown accumulation of Rs. 34.53 crore on account of Gratuity Assets and Accumulated Leave Encashment Assets under Assets. The accumulations include provision of Rs. 6.38 crore made during the year 2015-16. However, actual expenditure of Rs. 1.00 crore on account of Gratuity and Leave Encashment has been charged on cash basis in the Income & Expenditure Account. The policy adopted by the Institute is incorrect as the provision of retirement benefits like gratuity and leave encashment should be routed through Income & Expenditure Account and the payments on this account should be made from the accumulated provision of retirement benefit and not from the Income & Expenditure of current year. Further it was noticed that provision for retirement benefits was not made on the basis of actuarial valuation as prescribed in AS-15.

B. Income & Expenditure Account

Expenditure

Staff Payments & Benefits (Schedule 15): Rs. 58.19 crore

The above does not include Rs. 17.74 lakh incurred on the account of premium for providing cash less medical insurance facility to the employees which has been charged to the Designated / Earmarked / Endowment Funds. This has resulted in to overstatement of Surplus and understatement of Designated / Earmarked / Endowment Funds by Rs. 17.74 lakh.

C. General

C.1. Net impact of Audit Comments on the Annual Account

Net impact of Audit comments on the Annual Accounts of National Institute of Technology, Kurukshetra for the year ending 31 March 2016 is as under:

- i) Liabilities understated by Rs. 28.75 lakh.
- ii) Surplus for the year and Corpus / Capital Fund overstated by Rs. 28.75 lakh.

C.2. Employees Provident Fund

As per the new format of accounts prescribed by the MHRD, central higher educational institutions are required to attach separate accounts in respect of Provident Funds managed by them with the accounts of this Institution. The same has not been done by the Institute.

C.3. Institute Development Fund / Student Fund

The Institute has not disclosed any Accounting Policy indicating the purpose of creation, source and utilisation in respect of Institute Development Fund (Consultancy) Rs. 7.17 crore and Student Fund Rs. 9.26 crore shown in Designated / Earmarked Funds (Schedule 2).

Further, assets created out of Institute Development Fund (Consultancy) have not been disclosed separately by the Institute in the Accounts. The records / registers in respect of Fixed Assets created out of this Fund were also not being maintained.

C.4. Format of Accounts

The Institute has not complied with the new format of Financial Statements for Central Higher Educational Institutions prescribed by the Ministry of HRD, Government of India to the following extent: -

1. It had not attached Annexure – A, along with Schedule 7 (Current Assets) required under new format of accounts.
2. It had not attached Schedule – 15A (Employee Retirement & Terminal Benefits) with the accounts.
3. Scheme wise disclosure of all the Designated / Earmarked / Endowment Funds along with addition / deductions made during the year, Nature and form of Investments made from different type of funds was required under Schedule- 2A of the new format of accounts which was not done by the Institute.
4. As per Schedule 4 (Fixed Assets), assets and depreciation thereon should be shown separately along with gross block and accumulated depreciation but the Institute has shown only the opening balance of written down value of Assets and Depreciation for the current year only.

D Grant-in-Aid

D.1. The Institute received grant in aid of Rs. 122.00 crore (Plan- Non Recurring Rs. 53.00 crore and Non Plan- recurring Rs. 69.00 crore) during the year 2015-16, against which expenditure of Rs. 139.91 crore was

incurred. Thus the Institute has incurred expenditure of Rs. 17.91 crore in excess of grant received.

Besides, out of the available funds of Rs. 5.70 crore of project of Technical Education Quality Improvement Programme (TEQIP) (including unspent balance of previous year Rs. 3.50 crore, grant received during the year Rs. 2.00 crore and internal income of Rs. 0.20 crore), the Institute could utilize a sum of Rs. 2.06 crore leaving an unspent balance of Rs. 3.64 crore.

D.2. The Institute has shown negative opening balances of Salary & General heads of Recurring Grant (GoI) at Rs. 39.06 crore and Rs. 24.75 crore respectively in Schedule 3(c) of annual accounts for the year 2015-16. Whereas as per the Utilization Certificates (UCs) sent to MoHRD, Govt. of India it has shown minus balances at Rs. 32.73 crore and Rs. 2.82 crore respectively. Thus, there is a difference of Rs. 6.33 crore and Rs. 21.93 crore respectively needs to be reconciled.

- v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts & 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 given a true and fair view in conformity with accounting principles generally accepted in India:
 - a. In so far as it related to the Balance Sheet, of the state of affairs of the National Institute of Technology, Kurukshetra as at 31st March 2016; and
 - b. In so far as it relates to Income & Expenditure Account, of the surplus for the year ended on that date.

Place: Chandigarh
Date: 02.01.2017

For and on behalf of the C&AG of India
Sd/-
Principal Director of Audit
(Central), Chandigarh

Annexure to Audit Report

1. Adequacy of Internal Audit System.

The Institute has got conducted Internal Audit through a firm of Chartered Accountants. However, Internal Audit Manual has not been prepared by the Institute.

2. Adequacy on Internal Control System

Internal Control System was found to be inadequate in view of the following:

- (i) The Institute has not prepared its Accounting Manual.
- (ii) Fixed Assets registers though have been maintained by the various departments of the Institute, however in order to exercise control over inter- department transfers and for depicting depreciation, a centralized Fixed Assets Register has not been maintained.
- (iii) Title deed of the land of 292 acre is in the name of Principal, Regional Engineering College, Kurukshetra and has not been transferred in the name of Director, National Institute of Technology, Kurukshetra till to date.
- (iv) The Institute is not regular in paying statutory dues as stated at Sl. No. 5.
- (v) Fixed Assets registers in respect of Assets created out of Institute Development Fund were not maintained.

3. Physical verification of Fixed Assets

Physical verification of Fixed Assets for the year 2015-16 had been conducted.

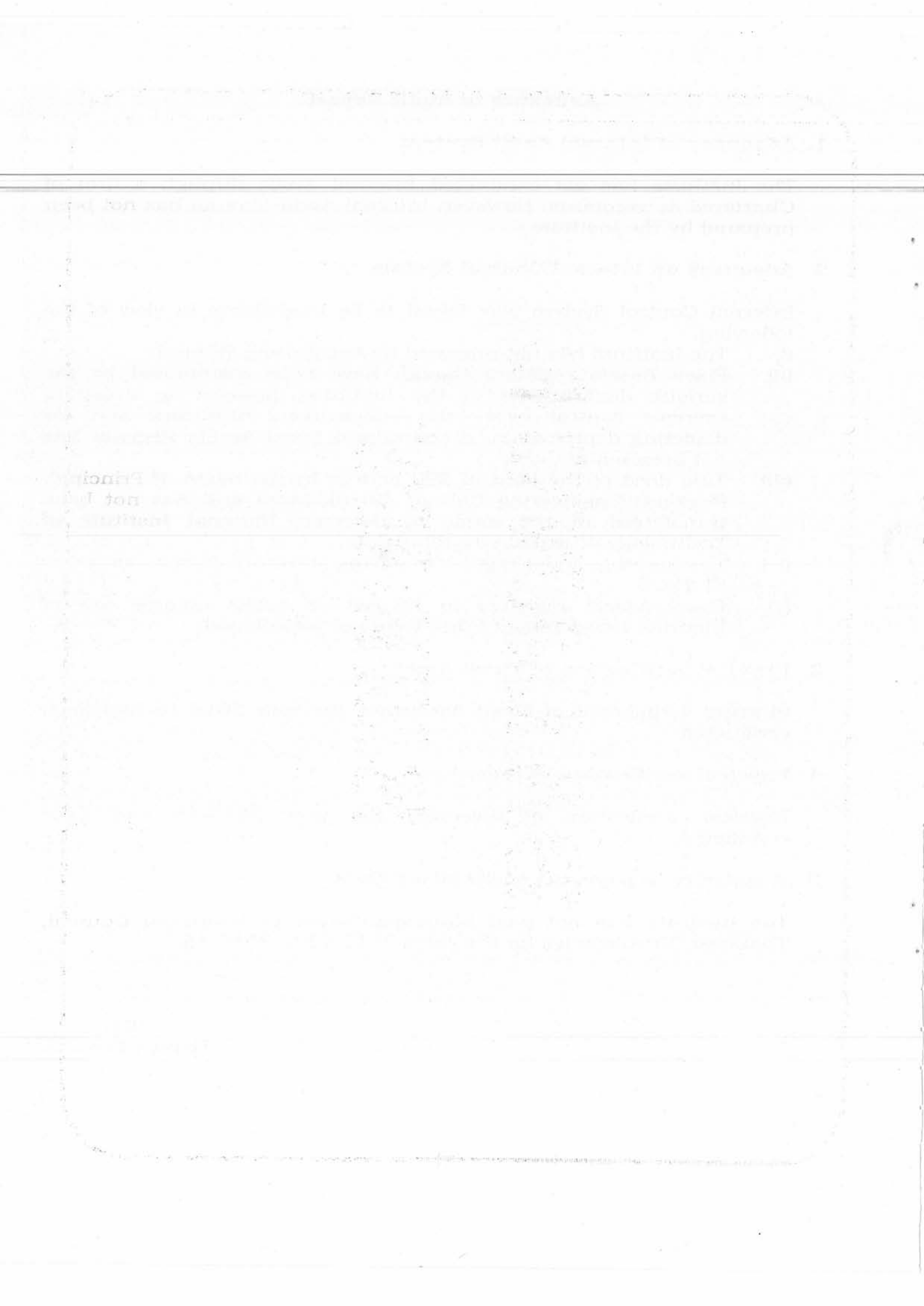
4. Physical verification of inventory

Physical verification of inventory the year 2015-16 had been conducted.

5. Regularity in payment of Statutory Dues

The Institute has not paid Municipal Taxes to Municipal Council, Thanesar, Kurukshetra for the years 2012-13 to 2015-16..

-Sd-
Deputy Director



BALANCE SHEET

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
BALANCE SHEET AS ON 31ST MARCH 2016

₹ in Lacs

SOURCES OF FUNDS	Sch	Current Year						Previous Year
		MAIN	SCHEME	MCA	TEQIP-II	OTHER	Total	
CORPUS/CAPITAL FUND	1	30,048.03	104.04	1,953.07	370.39	-	32,475.53	32,399.53
DESIGNATED/EARMARKED/ENDOWMENT FUNDS	2	10,022.17	-	-	-	-	10,022.17	8,843.05
CURRENT LIABILITIES AND PROVISIONS	3	5,352.16	132.77	54.61	365.10	73.71	5,978.35	5,119.65
TOTAL		45,422.37	236.81	2,007.68	735.49	73.71	48,476.06	46,362.23
APPLICATION OF FUNDS								
FIXED ASSETS	4							
Tangible Assets		17,385.19	91.54	359.85	370.39	-	18,206.97	17,948.95
Intangible Assets		-	-	-	-	-	-	-
Capital work-in-progress		7,033.09	-	-	-	-	7,033.09	3,055.26
INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS	5							
INVESTMENTS - OTHERS	6							
CURRENT ASSETS	7	18,314.42	140.56	1,597.94	353.58	71.59	20,478.09	13,969.57
LOANS , ADVANCES & DEPOSITS	8	2,689.67	4.71	49.89	11.53	2.11	2,757.91	11,388.46
TOTAL		45,422.37	236.81	2,007.68	735.49	73.71	48,476.06	46,362.24
SIGNIFICANT ACCOUNTING POLICIES	23							
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	24							

Sd/-
Director
National Institute of Technology
Kurukshetra

INCOME
&
EXPENDITURE
ACCOUNT

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2016

₹ in Lacs

INCOME	Sch	Current year						Previous Year
		Main	Scheme	MCA	TEQIP-II	Others	Total	
Academic Receipts	9	2,679.59	-	158.17	-	-	2,837.76	2,404.98
Grants / Subsidies	10	7,796.00	51.82	-	131.35	-	7,979.17	6,700.01
Income from Investments	11	1,537.37	6.83	103.28	18.54	-	1,666.01	635.22
Interest Earned	12	-	-	-	-	-	-	-
Other Incomes	13	398.91	-	0.54	1.53	-	400.98	2,437.99
Prior Period Income	14	-	-	-	-	-	-	-
TOTAL (A)		12,411.86	58.64	261.99	151.43	-	12,883.92	12,178.20
EXPENDITURE								
Staff Payments & Benefits	15	5,819.51	0.84	27.36	21.31	-	5,869.03	5,079.45
Academic expenses	16	1,140.97	21.03	-	107.00	-	1,269.00	1,045.14
Administrative & General Expenses	17	407.65	5.07	0.13	3.04	-	415.89	438.74
Transportation Expenses	18	14.42	-	-	-	-	14.42	12.12
Repairs & Maintenance	19	85.50	19.20	1.34	-	-	106.04	124.04
Finance Cost	20	329.57	-	-	-	-	329.57	2.85
Other Expenses	21	20.25	-	1.31	-	-	21.56	20.13
Prior Period Expenses	22	1,490.32	-	-	-	-	1,490.32	-
Depreciation	4	530.98	5.67	14.69	-	-	551.35	2,184.82
TOTAL (B)		9,839.18	51.82	44.83	131.35	-	10,067.19	8,907.28
Balance being excess of Income over Expenditure (A-B)		2,572.68	6.83	217.15	20.07	-	2,816.73	3,270.91
Transfer to Designated/Earmarked Fund		(767.23)	-	-	-	-	(767.23)	211.89
Others (Specify)		-	-				-	14.28
BALANCE BEING SURPLUS (DEFICIT) CARRIED TO CAPITAL FUND		3,339.91	6.83	217.15	20.07	-	3,583.96	3,044.74
Significant Accounting Policies	23							
Contingent Liabilities and Notes to Accounts	24							

Sd/-
Director
National Institute of Technology
Kurukshetra

SCHEDULES

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31ST MARCH 2016

SCHEDULE - 1 CORPUS / CAPITAL FUND

Particulars	Current year					₹ in Lacs
	Main A/c	Scheme	MCA	TEQIP-II	Total	Previous Year Total
Balance as at the beginning of the year	30,304.67	63.03	1,735.92	295.92	32,399.54	26,981.21
Add: Contribution towards Corpus/Capital Fund	-	-	-	-	-	-
Add: Grants From UGC,GOI to the extent utilized for capital Expenditure	4,404.00	34.19	-	74.47	4,512.65	2,373.58
Add: Assets Purchased out of Earmarked Funds	-	-	-	-	-	-
Add: Assets Purchased out of Sponsored Projects	-	-	-	-	-	-
Add: Other Additions	-	-	-	-	-	-
Add: Excess of Income over Expenditure from the I & E Account	3339.91	6.83	217.15		3,563.89	3,044.74
	-	-	-	-	-	-
Deduct: Deficit transferred from the Income & Expenditure Account	-	-	-	-	-	-
Deduct: Grant unrecoverable adjusted	(8,000.55)				(8,000.55)	
BALANCE AT THE YEAR END	30,048.03	104.04	1,953.07	370.39	32,475.53	32,399.53

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 2 DESIGNATED / EARMARKED / ENDOWMENT FUND

₹ in Lacs

	Opening Balance as on 01.04.2015	Additions to the funds	Other Income	Total	Utilization/Exp. Towards obj. of Fund during the Year				Closing Balance as on 31.03.2016
					Capital Exp.	Revenue Exp.	Refund/ Advance	Total	
(A) MAIN ACCOUNT									
1- Institute Development Fund (Consultancy)	734.97	-	-	734.97	-	17.96	-	17.96	717.01
2- Student Fund	772.26	246.86	-	1,019.13	-	92.99	-	92.99	926.14
3- CPF/GPF Account	7,271.76	2,083.25	(767.23)	8,587.77	208.76	-	-	208.76	8,379.02
Total (A)	8,779.00	2,330.11	(767.23)	10,341.87	208.76	110.95	-	319.70	10,022.17
(B) Other Accounts	64.05	7.89	1.82	73.76	-	0.05	-	0.05	73.71
Total (A+B)	8,843.05	2,337.99	(765.42)	10,415.63	208.76	111.00	-	319.75	10,095.88

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016
SCHEDULE- 3 CURRENT LIABILITIES AND PROVISIONS

Particulars	Current Year					₹ in Lacs
	Main	Scheme	MCA	TEQIP	Total	Previous Year
A. CURRENT LIABILITIES						
1. Deposits from Staff		-	0.10	-	0.10	-
2. Deposits from Students	239.64	-	-	-	239.64	217.83
3. Sundry Creditors		-	-	-	-	-
a) For Goods & Services	0.13	-	-	-	0.13	2.08
b) Others		-	-	-	-	-
4. Deposits from others	87.93	-	-	0.64	88.57	98.90
5. Advances Received	505.35	-	51.18	-	556.53	485.62
6. Statutory Liabilities (GPF,TDS,WC TAX, CPF,GIS,NPS):	-	-	-	-	-	-
a) Overdue	-	-	-	-	-	-
b) Others	176.52	-	-	-	176.52	58.12
7. Other Current Liabilities	-	-	-	-	-	-
a) Salaries and Pension payable	168.24	-	0.12	-	168.36	87.89
b) Receipts against sponsored projects	-	123.63	-	-	123.63	-
c) Receipts against sponsored fellowships & scholarships	71.34	4.18	-	-	75.52	61.83
d) Unutilized Grants	-	-	-	364.46	-	401.54
e) Grants in advance	-	-	-	-	-	-
f) Consultancy	186.81	-	-	-	186.81	113.48
g) Other Liabilities	431.23	4.96	3.21	-	439.40	621.61
TOTAL (A)	1,867.18	132.77	54.61	365.10	2,055.20	2148.90
B. PROVISIONS						
1. For Taxation	-	-	-	-	-	22.20
2. Gratuity	1,698.30	-	-	-	1,698.30	1493.36
3. Superannuation/ Pension	-	-	-	-	-	-
4. Accumulated Leave Encashment	1,754.74	-	-	-	1,754.74	1422.61
5. Expenses Payable	31.95	-	-	-	31.95	32.59
TOTAL (B)	3,484.98	-	-	-	3,484.98	2970.75
TOTAL (A+B)	5,352.16	132.77	54.61	365.10	5,540.18	5119.65

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 3 (a) SPONSORED PROJECTS

₹ in Lacs

PARTICULARS	Opening Balance as on 01.04.2015	Receipts during the year	Total	Utilisation/Exp. Towards obj. of Fund during the Year				Closing Balances as on 31.03.2016
				Capital Exp.	Revenue Exp.	Refund/ Advances	Total	
(A) Scheme A/C								
DST,SERB,NBHM etc.	51.33	158.31	209.63	34.19	51.82	-	86.01	123.63
	-	-	-	-	-	-	-	-
Total (A)	51.33	158.31	209.63	34.19	51.82	-	86.01	123.63

Schedule - 3 (b) SPONSORED FELLOWSHIP & SCHOLARSHIPS

PARTICULARS	Opening Balance as on 01.04.2015	Receipts during the year	Total	Utilized during the year	Closing Balances as on 31.03.2016
(A) MAIN ACCOUNT					
1) UGC,CSIR etc	-	14.84	14.84	11.74	3.10
2) Ministry.....	61.83	26.55	88.38	20.14	68.24
Total (A)	61.83	41.40	103.22	31.89	71.34
(B) Scheme Account					
1) UGC	-	-	-	-	-
2) DST,SERB,NBHM etc.	-	39.55	39.55	35.37	4.18
Total (B)	-	39.55	39.55	35.37	4.18
(C) TEQIP Account - II					
1) UGC	-	-	-	-	-
2) Ministry.....	-	-	-	-	-
Total (C)	-	-	-	-	-
Total (A+B+C)	61.83	80.95	142.77	67.25	75.52

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE -3 (c) UNUTILIZED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENT

₹ in Lacs

Particulars	Opening Balance as on 01.04.2015	Additions to the funds	Other Income	Total	Utilization/Exp. Towards obj. of Fund during the Year				Closing Balances as on 31.03.2016
					Capital Exp.	Revenue Exp.	Refund/ Advances/ Transfer to Capital fund	Total	
(A) MAIN ACCOUNT									
1- Non Recurring Grant (GOI)									
(a) Capital Assets	(1,286.02)	4,404.00	-	3,117.98	4,404.00	-	(1,286.02)	3,117.98	-
(b) General	(333.13)	896.00	-	562.87	-	896.00	(333.13)	562.87	-
2- Recurring Grant (GOI)									
(a) Salary	(3,906.40)	4,800.00	-	893.60	-	4,800.00	(3,906.40)	893.60	-
(b) General	(2,475.00)	2,100.00	-	(375.00)	-	2,100.00	(2,475.00)	(375.00)	-
Total (A)	(8,000.55)	12,200.00	-	4,199.45	4,404.00	7,796.00	(8,000.55)	4,199.45	-
(B) TEQIP Account - II NPIU	350.21	200.00	20.07	570.28	74.47	131.35	-	205.82	364.46
Total (A+B)	(7,650.34)	12,400.00	20.07	4,769.73	4,478.47	7,927.35	(8,000.55)	4,405.27	364.46

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 4 FIXED ASSETS & DEPRICIATION

₹ in Lacs

FIXED ASSETS	Opening Balance as on 01.04.2015	Additions	Deductions	Total Amount	Rate	Depreciation for the year	Closing Balance as on 31.03.2016
(A) MAIN ACCOUNT							
1- Land Freehold	13.75	-	-	13.75	0%	-	13.75
2- Building	15,164.85	20.04	10.72	15,174.16	2%	303.48	14,870.67
3- Plant, Machinery & Equipment's	191.30	112.12	-	303.42	5%	15.17	288.25
4- Vehicle- Bus & Motor Van	17.74	-	-	17.74	10%	1.77	15.97
5- Vehicle - Cycle Rickshaw	0.10	-	-	0.10	10%	0.01	0.09
6- Furniture & Fixture	356.00	30.33	-	386.34	7.5%	28.98	357.36
7- Computer/Peripherals	173.89	349.75	-	523.64	20%	104.73	418.91
8- Electrical Appliances	1,286.48	166.09	39.06	1,413.52	5%	70.68	1,342.84
9- Library Books	29.83	26.35	-	56.18	10%	5.62	50.56
10- Tube well & Water Supply	27.32	-	-	27.32	2%	0.55	26.77
11- Other Fixed Assets	-	-	-	-	0%	-	-
TOTAL - (1)	17,261.26	704.69	49.78	17,916.17		530.98	17,385.19
13- Capital Work-in-progress	3,971.68	3,997.86	-	7,969.54	-	-	7,969.54
Transfer to Assets	916.42	20.04	-	936.46	-	-	936.46
(2) Net Work-in-progress	3,055.26	3,977.82	-	7,033.09	-	-	7,033.09
TOTAL (A) = (1+2)	20,316.53	4,682.51	49.78	24,949.26	-	530.98	24,418.27
(B) Scheme							
a) Plant, Machinery & Equipment	56.12	20.22	-	76.34	5%	3.82	72.53
b) Computer & Peripheral	0.95	3.46	-	4.41	20%	0.88	3.53
c) Library Books	0.24	0.38	-	0.62	10%	0.06	0.56
d) Electrical Appliances	1.00	10.05	-	11.04	5%	0.55	10.49
e) Furniture & Fixture	4.72	0.08	-	4.79	7.5%	0.36	4.43
TOTAL -B	63.03	34.19	-	97.22		5.67	91.54

(C) TEQIP-II							
a) Computer & Peripheral	66.69	-	-	66.69	-	-	66.69
b) Books & LR's	85.27	-	-	85.27	-	-	85.27
c) Plant, Machinery & Equipment	103.94	74.47	-	178.41	-	-	178.41
d) Furniture	11.18	-	-	11.18	-	-	11.18
e) Civil Work	28.85	-	-	28.85	-	-	28.85
TOTAL - C	295.92	74.47	-	370.39	-	-	370.39
(D) MCA A/c							
a) Building	313.30	-	-	313.30	2%	6.27	307.04
b) Computer & Peripheral	1.04	31.01	-	32.05	20%	6.41	25.64
c) Electrical Appliances	4.88	5.06	-	9.93	5%	0.50	9.44
d) Furniture & Fixture	8.13	8.14	-	16.27	7.5%	1.22	15.05
e) Library Books	1.39	1.60	-	2.99	10%	0.30	2.69
TOTAL - D	328.73	45.81	-	374.54		14.69	359.85
GRAND TOTAL(A+B+C+D)	21,004.21	4,836.98	49.78	25,791.41		551.35	25,240.06

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016
SCHEDULE -4 (a)PLAN

₹ in Lacs

FIXED ASSETS	Opening Balance as on 01.04.2015	Additions	Deductions	Total Amount	Rate	Depreciation for the year	Closing Balance as on 31.03.2016
(A) MAIN ACCOUNT							
1- Land Freehold	13.75	-	-	13.75	0%	-	13.75
2- Building	15,164.85	20.04	10.72	15,174.16	2%	303.48	14,870.67
3- Plant, Machinery & Equipment's	191.30	112.12	-	303.42	5%	15.17	288.25
4- Vehicle- Bus & Motor Van	17.74		-	17.74	10%	1.77	15.97
5- Vehicle - Cycle Rickshaw	0.10		-	0.10	10%	0.01	0.09
6- Furniture & Fixture	356.00	30.33	-	386.34	7.5%	28.98	357.36
7- Computer/Peripherals	173.89	349.75	-	523.64	20%	104.73	418.91
8- Electrical Appliances	1,286.48	166.09	39.06	1,413.52	5%	70.68	1,342.84
9- Library Books	29.83	26.35	-	56.18	10%	5.62	50.56
10- Tube well & Water Supply	27.32	-	-	27.32	2%	0.55	26.77
11- Other Fixed Assets	-	-	-	-	0%	-	-
TOTAL - (1)	17,261.26	704.69	49.78	17,916.17	-	530.98	17,385.19
13- Capital Work-in-progress	3,971.68	3,997.86		7,969.54	-		7,969.54
Transfer to Assets	916.42	20.04		936.46	-		936.46
(2) Net Work-in-progress	3,055.26	3,977.82	-	7,033.09	-		7,033.09
TOTAL (A) = (1+2)	20,316.53	4,682.51	49.78	24,949.26	-	530.98	24,418.27
(B) Scheme							
a) Plant, Machinery & Equipment	56.12	20.22	-	76.34	5%	3.82	72.53
b) Computer & Peripheral	0.95	3.46	-	4.41	20%	0.88	3.53
c) Library Books	0.24	0.38	-	0.62	10%	0.06	0.56
d) Electrical Appliances	1.00	10.05	-	11.04	5%	0.55	10.49
e) Furniture & Fixture	4.72	0.08	-	4.79	7.5%	0.36	4.43
TOTAL - B	63.03	34.19	-	97.22		5.67	91.54
(C) TEQIP-II							
a) Computer & Peripheral	66.69	-	-	66.69	-	-	66.69
b) Books & LR's	85.27	-	-	85.27	-	-	85.27
c) Plant, Machinery & Equipment	103.94	74.47	-	178.41	-	-	178.41
d) Furniture	11.18	-	-	11.18	-	-	11.18
e) Civil Work	28.85	-	-	28.85	-	-	28.85
TOTAL - C	295.92	74.47	-	370.39	-	-	370.39
GRAND TOTAL(A+B+C)	20,675.48	4,791.17	49.78	25,416.86		536.66	24,880.21

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 4(D) OTHERS

₹ in Lacs

FIXED ASSETS	Opening Balance as on 01.04.2015	Additions	Deductions	Total Amount	Rate	Depreciation for the year	Closing Balance as on 31.03.2016
(A) MCA							
a) Building	313.30	-	-	313.30	2%	6.27	307.04
b) Computer & Peripheral	1.04	31.01	-	32.05	20%	6.41	25.64
c) Electrical Appliances	4.88	5.06	-	9.93	5%	0.50	9.44
d) Furniture & Fixture	8.13	8.14	-	16.27	7.5%	1.22	15.05
e) Library Books	1.39	1.60	-	2.99	10%	0.30	2.69
TOTAL - (A)	328.73	45.81	-	374.54		14.69	359.85

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 7CURRENT ASSETS

SCHEDULE 7 - CURRENT ASSETS	Current Year						₹ in Lacs
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	Previous Year
1. Stock	-	-	-	-	-	-	-
a) Stores & Spares	-	-	-	-	-	-	-
b) Loose Tools	-	-	-	-	-	-	-
c) Publications	-	-	-	-	-	-	-
2. Sundry Debtors	-	-	-	-	-	-	-
a) Debts Outstanding exceeding six months	-	-	-	-	-	-	-
b) Others	-	-	-	-	-	-	-
3. Cash balance in hand (including cheques/ drafts & Imprest)	-	-	-	-	-	-	-
4. Bank Balances (to be further classified as pertaining to earmarked fund or otherwise)	-	-	-	-	-	-	-
With Scheduled Banks						-	-
a) SBI Current A/c	(347.40)	-	-	-	-	(347.40)	11.25
b) SBI Saving A/c	11.80	0.10	3.85	38.15	7.39	61.29	130.90
c) IDBI Saving A/c	0.18	-	-	-	-	0.18	125.11
d) IDBI TDS Saving A/c	202.50	-	-	-	-	202.50	29.51
e) Term Deposit Accounts	14,994.31	140.45	1,594.09	315.42	64.20	17,108.48	10,756.79
5. Post Office- Saving Accounts	-	-	-	-	-	-	-
6. Gratuity Assets	1,698.30	-	-	-	-	1,698.30	1,493.39
7. Accumulated Leave Encashment Assets	1,754.74	-	-	-	-	1,754.74	1,422.61
TOTAL	18,314.42	140.55	1,597.94	353.58	71.59	20,478.09	13,969.57

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 8LOANS / ADVANCE AND DEPOSITS

SCHDULE 08 - LOANS, ADVANCES & DEPOSITS	Current Year						₹ in Lacs
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	Previous Year
1. Advances to employees: (Non- interest bearing)							
a) Salary						-	-
b) Festival						-	-
c) LTC						-	-
d) Medical Advance						-	-
e) Other (CPF)	1,848.18					1,848.18	1,717.73
2. Long Term Advances to employees: (interest bearing)						-	-
a) Vehicle Loan						-	-
b) Home Loan						-	-
c) Others (CPF)						-	-
3. Advances and other amounts recoverable in cash or in kind or for value to be received	0.01		0.25			0.26	100.50
						-	-
4. Prepaid Expenses						-	-
a) Insurance	5.59					5.59	0.06
b) Other expenses	143.24					143.24	32.50
5. Deposits						-	-
a) Telephone						-	-
b) Lease Rent						-	-
c) Electricity	58.70					58.70	58.70
d) AICTE, if applicable						-	-
e) MCI, if applicable						-	-
6. Income Accrued							
a) On Investments from Earmarked/ Endowment Funds						-	-
b) On Investments- Others						-	-
c) On Loans & advances						-	-
d) Term Deposit Accounts	628.64	4.71	49.64	11.53	2.11	696.63	778.42

e) Others (includes income due unrealized- ₹)	-					-	-
7. Other Receivable	-		-			-	-
a) Debit balances in Sponsored Projects	-		-			-	-
b) Debit balances in Fellowship & Scholarship	-		-			-	-
c) Grant Recoverable		-		-		-	8,700.55
d) Other receivables	5.31					5.31	-
8. Claims Receivables	-		-			-	-
TOTAL	2689.67	4.71	49.89	11.53	2.11	2,757.91	11388.46

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 9ACADEMIC RECEIPTS

₹ in Lacs

ACADEMIC RECEIPTS	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
FEE FROM STUDENTS							
Academic							
1. Tuition fee	2,529.62	-	158.17	-	-	2,687.79	2,236.11
2. Admission fee	-	-	-	-	-	-	-
3. Enrolments fee	-	-	-	-	-	-	-
4. Library Admission fee	-	-	-	-	-	-	-
5. Laboratory fee	-	-	-	-	-	-	-
6. Art & Craft fee	-	-	-	-	-	-	-
7. Registration fee	-	-	-	-	-	-	-
8. Syllabus fee	-	-	-	-	-	-	-
TOTAL (A)	2,529.62	-	158.17	-	-	2,687.79	2,236.11
Examinations							
1. Admission test fee	-	-	-	-	-	-	-
2. Annual Examination fee	-	-	-	-	-	-	-
3. Mark sheet, certificate fee	-	-	-	-	-	-	-
TOTAL (B)	-	-	-	-	-	-	-
Other fees							
1. Identity card fee	-	-	-	-	-	-	-
2. fine/ Misc. fee	-	-	-	-	-	-	-
3. Transportation fee	0.38	-	-	-	-	0.38	-
4. Institute Development Fee	149.59	-	-	-	-	149.59	138.86
TOTAL (C)	149.97	-	-	-	-	149.97	138.86
Sale of Publications							
1. Sale of prospectus including admission forms	-	-	-	-	-	-	30.01
TOTAL (D)	-	-	-	-	-	-	30.01
GRAND TOTAL (A+B+C+D)	2,679.59	-	158.17	-	-	2,837.76	2,404.98

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 10 GRANT / SUBSIDIES

₹ in Lacs

GRANT/SUBSIDIES	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
1. Central Government	7,796.00	51.82	-	131.35	-	7,979.17	6,700.01
2. State Government (s)	-	-	-	-	-	-	-
3. Government Agencies	-	-	-	-	-	-	-
4. Institutions/ Welfare Bodies	-	-	-	-	-	-	-
5. International Organizations	-	-	-	-	-	-	-
6. Others	-	-	-	-	-	-	-
TOTAL	7,796.00	51.82	-	131.35	-	7,979.17	6,700.01

SCHEDULE - 11 INCOME FROM INVESTMENT

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
1. Interest							
a) On Government Securities	-	-	-	-	-	-	-
b) Other Bonds/ Debentures	-	-	-	-	-	-	-
2. Interest on Term Deposits	1,533.30	5.87	102.70	17.34	7.65	1,666.85	635.22
3. Income accrued but not due on Term Deposits/Interest bearing advances to employees	-	-	-	-	-	-	-
4. Interest on Saving Bank Accounts	4.07	0.96	0.58	1.20	0.23	7.04	-
5. Other (Specify)	-	-	-	-	-	-	-
TOTAL	1,537.37	6.83	103.28	18.54	7.88	1,673.88	635.22

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 12 INTEREST EARNED

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
1. On Loans							
a) Employees/ Staff	-	-	-	-	-	-	-
b) Others	-	-	-	-	-	-	-
2. On Debtors and Other Receivables	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-

SCHEDULE 13 OTHER INCOME

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
A. Income from Land & Building							
1. Lease of Land / Khikha	0.07	-	-	-	-	0.07	0.01
2. License Fee	9.65	-	-	-	-	9.65	8.80
3. Shop etc.	8.99	-	-	-	-	8.99	7.57
4. Seat Rent	188.52	-	-	-	-	188.52	189.04
5. Electricity & water charges	0.47	-	-	-	-	0.47	0.28
Total (A)	207.71	-	-	-	-	207.71	205.69
B. Sale of Institute's publications	-	-	-	-	-	-	-
C. Income from holding events							
1. Gross Receipts form annual function / sports carnival	-	-	-	-	-	-	-
Less: Direct expenditure incurred on the annual function / sports carnival	-	-	-	-	-	-	-
2. Gross receipts from fetes	-	-	-	-	-	-	-
Less: Direct expenditure incurred on the fetes	-	-	-	-	-	-	-
3. Gross Receipts for educational tours	-	-	-	-	-	-	-
Less: Direct expenditure incurred on tours	-	-	-	-	-	-	-
4. Others (to be specified and separately disclosed)	-	-	-	-	-	-	-
TOTAL ('C)	-	-	-	-	-	-	-

D. Others							
a) Income from Consultancy	109.87	-	-	-	-	-	-
b) RTI fees	0.04	-	-	-	-	-	-
c) Income from Royalty		-	-	-	-		
d) College Contribution Received	1.11	-	-	-	-	1.11	21.25
e) Deferred Govt. Grant	-	-	-	-	-	-	2,145.14
f) Income from Application forms (recruitments)	-	-	-	-	-	-	-
g) Misc. receipts (Tender form etc.)	34.07	-	0.54	1.53	0.01	36.16	50.58
h) Watch & Ward	46.09	-	-	-	-	46.09	15.33
i) Profit on sale/ disposal of assets	-	-	-	-	-	-	-
a) Owned Assets	-	-	-	-	-	-	-
b) Assets acquired out of grants, or received free of cost	-	-	-	-	-	-	-
j) Others (specify)	-	-	-	-	-	-	-
TOTAL (D)	191.19	-	0.54	1.53	0.01	83.36	2,232.30
TOTAL (A+B+C+D)	398.91	-	0.54	1.53	0.01	291.07	2,437.99

SCHEDULE - 14 PRIOR PERIOD INCOME

Particulars	Current Year						₹ in Lacs
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	Previous Year
1. Academic Receipts	-	-	-	-	-	-	-
2. Income from Investments	-	-	-	-	-	-	-
3. Interest earned	-	-	-	-	-	-	-
4. Other Income	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-

Sd/-
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National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 15 STAFF PAYMENT & BENEFITS

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	GRAND TOTAL	
a) Salaries & Wages							
i) Pay & DA of Faculty Staff	2,433.16	-	27.36	-	-	2,460.52	2,109.20
ii) Pay & DA of Non-Faculty Staff	920.00	-	-	-	-	920.00	778.84
iii) Leave Salary Contribution	1.24	-	-	-	-	1.24	0.14
iv) Pension	1,082.29	-	-	-	-	1,082.29	996.29
v) Salary of Contractual Staff	10.11	-	-	4.06	-	14.16	51.39
vi) Wages For Outsourcing Services	759.43	-	-	-	-	759.43	571.47
vii) Salary and Wages MBA	24.06	-	-	-	-	24.06	23.51
b) Allowances & Bonus	176.35	-	-	-	-	176.35	154.54
c) Contribution to Provident Fund/NPS	160.35	-	-	-	-	160.35	26.30
d) Staff Welfare Expenses	0.91	-	-	17.25	-	18.16	0.94
e) Retirement & Terminal Benefits	100.96	-	-	-	-	100.96	210.32
f) LTC Facility	58.75	-	-	-	-	58.75	71.17
g) Medical Facility	40.85	-	-	-	-	40.85	32.66
h) Children Education Allowance	32.63	-	-	-	-	32.63	35.27
i) TA/DA expenses	17.52	0.84	-	-	-	18.36	16.95
j) Other (Liveries)	0.91	-	-	-	-	0.91	0.46
TOTAL	5,819.51	0.84	27.36	21.31	-	5,869.03	5,079.45

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NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 16 ACADEMIC EXPENSES

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	GRAND TOTAL	
a) Library Expenses	1.24	-	-	-	-	1.24	-
b) Field work/ Participation	-	-	-	11.59	-	11.59	2.70
c) Seminar/ Workshop	39.90	-	-	0.33	-	40.22	182.29
d) Payment to visiting faculty	-	-	-	-	-	-	-
e) Examination	-	-	-	-	-	-	-
f) Student Welfare Expenses	2.46	-	-	0.64	-	3.10	3.00
g) Admission Expenses	-	-	-	-	-	-	-
h) Convocation Expenses	11.65	-	-	-	-	11.65	0.05
i) Publication	-	-	-	-	-	-	-
j) Stipend/ means-cum-merit scholarship	996.87	21.03	-	93.68	-	1,111.59	731.07
k) Subscription Expenses	88.11	-	-	-	-	88.11	126.02
l) Other (Specify)	0.74	-	-	0.76	-	1.50	-
TOTAL	1,140.97	21.03	-	107.00	-	1,269.00	1,045.14

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NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE- 17ADMINISTRATIVE &GENERAL EXPENSES

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
A) Infrastructure							
a)Electricity & Power Expenses	241.18	-	-	-	-	241.18	289.10
b) Water Charges	-	-	-	-	-	-	-
c) Insurance	-	-	-	-	-	-	1.33
d) Rent, Rates & Taxes (including property tax)	-	-	-	-	-	-	22.20
B) Communication	-	-	-	-	-	-	-
e) Postage & Telegram	4.13	-	-	-	-	4.13	3.49
f) Telephone & Internet Charges	54.74	-	-	-	-	54.74	38.28
C) Others	-	-	-	-	-	-	-
g) Printing & Stationery	11.75	0.01	0.03	-	-	11.79	10.78
h) Departmental Operating Cost	22.98	-	-	-	-	22.98	20.56
i) Auditor Remuneration	3.64	-	-	-	-	3.64	-
j) Hospitality	17.50	-	-	-	-	17.50	13.86
k) Professional Charges	14.40	-	-	0.32	-	14.72	12.39
l) Advertisement & Publicity	11.69	0.84	-	-	-	12.53	19.17
m) Magazine & Journals	0.52	-	0.02	-	-	0.54	1.87
n) Other (NCC, Other Admin Expenses)	25.11	4.22	0.08	2.73	0.05	32.19	5.71
TOTAL	407.65	5.07	0.13	3.04	0.05	415.94	438.74

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NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE - 18 TRANSPORTATION EXPENSES

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
1. Vehicles (owned by educational institution)							
a) Running Expenses	2.77	-	-	-	-	2.77	2.18
b) Repair & Maintenance	10.42	-	-	-	-	10.42	9.94
c) Insurance Expenses	1.23	-	-	-	-	1.23	-
2. Vehicles taken on rent or lease	-	-	-	-	-	-	-
a) Rent/ Lease Expenses	-	-	-	-	-	-	-
3. Vehicle (Taxi) hiring expenses	-	-	-	-	-	-	-
TOTAL	14.42	-	-	-	-	14.42	12.12

SCHEDULE - 19 REPAIR MAINTENANCE

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
a) Building	43.36	-	-	-	-	43.36	58.75
b) Furniture & Fixtures	8.53	-	-	-	-	8.53	13.06
c) Plant & Machinery	-	-	-	-	-	-	-
d) Office Equipment	0.21					0.21	27.35
e) Computers	15.63	5.24	1.34			22.21	
f) Laboratory & Scientific equipment							
g) Audio Visual equipment							
h) Cleaning Material & Services	0.16	13.96	-	-	-	14.12	16.97
i) Book binding charges							
j) Gardening	6.25					6.25	
k) Estate Maintenance	2.92					2.92	
l) Other (Water Supply & Disposal)	8.44	-	-		-	8.44	7.90
TOTAL	85.50	19.20	1.34	-	-	106.04	124.04

Sd/-
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Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

SCHEDULE - 20 FINANCE COST

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
a) Bank Charges	1.05	-	-	-	-	1.05	0.76
b) Other (CPF)	328.52	-	-	-	-	328.52	2.10
TOTAL	329.57	-	-	-	-	329.57	2.85

SCHEDULE - 21 OTHER EXPENSES

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
a) Provision for Bad & Doubtful Debts and Advances	-	-	-	-	-	-	-
b) Irrecoverable balances write-off	-	-	-	-	-	-	-
c) Other (Miscellaneous Expenses)	20.25	-	1.31	-	-	21.56	20.13
TOTAL	20.25	-	1.31	-	-	21.56	20.13

SCHEDULE - 22 PRIOR PERIOD EXPENSES

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
a) Establishment expenses	248.46	-	-	-	-	248.46	-
b) Academic expenses	-	-	-	-	-	-	-
c) Other Expenses	1,241.85	-	-	-	-	1,241.85	-
TOTAL	1,490.32	-	-	-	-	1,490.32	-

Sd/-
Director
National Institute of Technology
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

SCHEDULE - 23

STATEMENT ON SIGNIFICANT ACCOUNTING POLICIES:

1. BASIS OF ACCOUNTING:

The Financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on accrual method of accounting.

2. REVENUE RECOGNITION:

- Fees from students(expect tuition fees), sale of admission Forms, Royalty and interest on Saving Bank account are accounted on cash basis. Tuition Fees collected separately for each semester is accounted on accrual basis.
- Income from Land, Building and Other Property and Interest on Investment are accounted on accrual basis.

Interest on interest bearing advances to staff for House Building, Purchases of vehicles and Computer is accounted on accrual basis every year, though the actual recovery of interest starts after the full repayment of the full repayment of the Principle.

3. RETIREMENT BENEFITS:

- a. Short term employee benefits are charged off in the year in which the related service is rendered.
- b. Provision has been made for Post-employment (i.e. Gratuity) and other long term employee benefits (i.e. Leave Encashment) paid at the time of retirement of the employee
- c. Retirement benefit in the form of Provident Fund is a Defined Contribution Scheme and administered through account department of the National Institute of Technology itself. Contributions to the department are charged to the Income and Expenditure Account when the contribution is due.
- d. Provision for liability towards pension payable on death/retirement of the employees has not been made.

4. FIXED ASSETS, DEPRECIATION AND AMORTISATION:

i) Tangible Assets:

Tangible assets are stated at cost less depreciation and impairment losses (if any). The cost of an assets includes the purchase cost of materials, including import duties and non-refundable taxes and any directly attributable costs of bringing an asset to the location and condition of its intended use.

Free hold land is stated at cost. Leasehold land is stated at the amount paid for acquiring the lease rights. The amount so paid for the lease is amortized over the lease period.

Depreciation is provided under Straight Line Method at the following rates. However no depreciation has been provided on the assets created out of Grant of World Bank Project (i.e. Technical Education Quality Improvement Program) as per instruction of the MHRD & NPIU.

Tangible Assets:

1.	Land	0%
2.	Site Development	0%
3.	Building	2%
4.	Roads & Bridges	2%
5.	Tube wells & Water Supply	2%
6.	Sewerage & Drainage	2%
7.	Electrical installation and equipment	5%
8.	Plant & Machinery	5%
9.	Scientific & Laboratory equipment	8%
10.	Office Equipment	7.5%
11.	Audio Visual Equipment	7.5%
12.	Computer & Peripherals	20%
13.	Furniture, Fixtures & Fittings	7.5%
14.	Vehicles	10%
15.	Lib. Books & Scientific Journals	10%

(ii) Intangible Assets (amortization):

1.	E-Journals	40%
2.	Computer Software	40%
3.	Patents and Copyrights	9 Years

Depreciation is provided for the whole year on additions during the year.

Where an asset is fully depreciated, it will be carried at a residual value of Re. 1 in the Balance Sheet and will not be further depreciated. Thereafter, depreciation is calculated on the additional of each year separately at the rate of depreciation applicable for that asset head.

Assets created out of Earmarked Funds and funds of Sponsored Projects, where the ownership of such assets vests in the Institution, are setup by credit to Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the respective assets. Assets created out of sponsored project fund, where the ownership is retained by the sponsors but held and used by the institution are separately disclosed in the Notes on accounts.

Assets, the individual value of each of which is Rs. 2000 or less (except Library Books) are treated as small value Assets, 100% depreciation is provided in respect of such assets at the time of their acquisition. However Physical accounting and control are continued by the holders of such assets.

iii) **Intangible Assets:** patents and copy rights, E journals and Computer Software are grouped under Intangible Assets.

iv) **Capital Work in Progress:**

Expenditure incurred on construction of assets which are not ready for their intended use are carried at cost less impairment (if any), under Capital work-in-progress. The cost includes the purchase cost of materials, including import duties and non-refundable taxes and any directly attributable costs.

5. **INVENTORIES:**

Expenditure on purchase of chemicals, glassware, publications and other stores is accounted as revenue expenditure, except that the value of closing stocks held on 31st March is set up as inventories by reducing the corresponding revenue expenditure on the basis of information obtained from department. They are valued of cost.

6. **INVESTMENTS**

a) Long term investments are carried at their cost or face value whichever is lower. However, any permanent diminution in their value as on the date of the Balance Sheet is provided.

b) Short Term investment are carried at their cost or market value (if quoted) whichever is lower.

7. LOAN AND ADVANCES:

These are classified as current assets. For more details on loans and advances, refer Schedule No. 08.

8. IMPAIRMENT OF ASSETS

a. The carrying amount of assets are reviewed at each Balance Sheet date, if there is any indication of impairment based on internal / external factors. An impairment loss is recognized wherever the carrying amount of an asset exceeds its recoverable amount. The recoverable amount is higher of asset's net selling price and value in use. In assessing the value in use, the estimated future cash flows are discounted to their present value at the weighted cost of capital.

b. After impairment, depreciation is provided on the revised carrying amount of the assets over its remaining useful life.

9. EARMARKED/ENDOWMENT FUNDS

The long terms funds are earmarked for specific purposes refer Schedule No. 02. Each of the funds has a separate bank account. Those with large balances also have investments in Government Securities, Debentures and Bonds and Term Deposits with Banks. The income from investments / advances (House Building Conveyance and computer) on accrued basis and interest on saving Bank Accounts are credited to the respective Funds. The expenditure and advances (in the case of House building & conveyance/ computer) are debited to the fund. The assets created out of Earmarked Funds where the ownership Vests in the Institution, are merged with the assets of the institution by crediting an equal amount to the Capital Fund. The balance in the respective funds is carried forward and is represented on the assets side by the balance at bank, Investments and accrued interest.

9.1 CORPUS FUND

This fund was established and matching contribution from University Grants Commission, recognition/ Affiliation fee received from colleges and other academic institution and contribution from research Projects are treated as additions to corpus fund.

Income from investments of the fund is added to the fund. The corpus Fund is utilized for both Revenue and Capital expenditure based on the guidelines by the University Grants commission and Executive council of the Institution by crediting an equal amount to the Capital Fund. The Balance in the Corpus Fund are merged with the assets of the Institution by the balance in a separate Bank account, investment in RBI Bonds and Fixed Deposits with the Bank and Accrued interest on investments.

9.2 ENDOWMENT FUNDS

Endowments are funds received from various individual donors, Trusts and other organizations, for establishing Chairs and for medals & prizes, as specified by the Donors. While each of the Endowment funds has its own investment there is one saving Bank Account for all the Endowment funds, as the un-invested balance against them are negligible.

The income from investment of each Endowment Fund is added to the Fund. The interest on saving Bank a/c is allocated to all the Endowment funds in the ratio of the year end closing balances in each fund. The expenditure on Medals & Prizes is met from the interest earned on investment of the Endowment Funds and the balance is carried forward. In respect of Chairs, however, the corpus of the Endowment is also used.

The balances are represented by Investment in RBI bonds and Fixed Deposits and balance in the saving Bank Account common for all Endowments, and Accrued Interest on Investments.

10. GOVT. GRANTS/SUBSIDIES:

➤ Government Grants and UGC grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31st March and the grant is actually received in the next financial year, the grant is accounted on accrual basis and an equal amount is shown as recoverable from the Grantor.

➤ To the extent utilized towards capital expenditure, (on accrual basis) government grants and grants from UGC are transferred to the Capital Fund.

➤ Government and IGC grants for meeting Revenue Expenditure (on accrual basis) are treated, to the extent utilized, as income of the year in which they are realized.

➤ Unutilized grants (including advances paid out of such grants) are carried forward and exhibited as a liability in the Balance Sheet.

➤ Negative Balance of recoverable grant in respect of previous years have been adjusted from Corpus fund.

11. INVESTMENT OF EARMARKED FUNDS AND INTREST INCOME ACCRUED ON SUCH INVESTMENTS:

To the extent not immediately required for expenditure, the amounts available against such funds are invested in approved Securities & Bonds or deposited for fixed term with Banks, leaving the balance in Savings Bank Accounts. Interest received,

interest accrued and due and interest accrued but not due on such investments are added to the respective funds and not treated as income of the Institution.

12. INCOME TAX

The income of the Institution is exempt from Income Tax under Section 10(23C) (iiiab) of the Income Tax Act. No provision for tax is therefore made in the accounts.

13. SPONSORED PROJECTS

In respect of ongoing Sponsored Projects, the amounts received from sponsors are credited to the head "Current Liabilities and Provision- Current Liabilities -Other Liabilities _Receipts against ongoing sponsored projects". As and when expenditure is incurred/ advances are paid against such projects, or the concerned project account is debited with allocated overhead charges, the liability account is debited. In addition to Earmarked Fund for the Junior Research Fellowship funded by the University Grant Commission, Fellowship and Scholarships are also sponsored by various organizations. These are accounted in the same way as Sponsored Projects except that expenditure generally is only on disbursement of Fellowships and Scholarships, which may include allowances for contingent expenditure by the Fellows and scholars. The Institution itself also awards Fellowships and Scholarships, which are accounted as Academic expenses.

14. PRIOR PERIOD ADJUSTMENTS:

Expenses/Income pertaining to previous years are booked in the current year under the natural heads and disclosed by way of specified Schedule.

15. PROVISIONS, CONTINGENT LIABILITIES AND CONTINGENT ASSETS:

(i) **Provision:** A provision is recognized when an enterprise has a present obligation as a result of past events; it is probable that an outflow of resources will be required to settle the obligation, in respect of which a reliable estimate can be made. Provisions are not discounted to its present value and are determined based on best estimates required to settle the obligations at the Balance Sheet date. These are reviewed at each Balance Sheet date and adjusted to reflect the current best estimates.

(ii) Contingent liability is a possible obligation that arises from past events and the existence of which will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the university, or is a present obligation that arises from past events but is not recognised because either it is not probable that an outflow of resources embodying economic benefits will be required to settle the obligation, or a reliable estimate of the amount of the obligation cannot be made. Contingent liabilities are disclosed and not recognised. Contingent assets are neither recognised nor disclosed.

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

SCHEDULE 24

NOTES FORMING PART OF THE ACCOUNTS

1. CONTINGENT LIABILITIES:

(₹ in Lakhs)

31.03.16	31.03.15
24.08	33.99

- i) Court Case filed against the Institution, by former / present employees etc.
- ii) Letters of credit established by the Bank on behalf of the Institution and outstanding-----
- iii) Disputed demands in respect of Municipal Taxes etc.

11.01

2. CAPITAL COMMITMENTS

The Value of contracts remaining to be executed on Capital Account and not provided for (not of Advances) amounted to Rs. NIL as on 31.03.16 (Previous year Rs NIL Crores).

3. FIXED ASSETS:

Addition in the year 2015 - 16 to Fixed Assets in Schedule 4 of Rs. 4,836.98 (Rs. in Lakh) include Assets purchased out of Plan Funds Rs. 4,791.17 (Rs in Lakh), Non-Plan Funds (Rs Nil) and Library Books and other assets of the value of Rs 45.81 (Rs in Lakh) gifted to the Institution. The Assets have been set up by credit to Capital fund.

In the Balance sheet as at 31.03.2016 and the Balance Sheets of earlier years, Fixed Assets created out of Plan funds and Fixed Assets created out of non-plan funds were not exhibited distinctly. The additions during the years from Rs. 4,836.98 (Rs. in Lakh), from plan, non- plan funds, and other funds, and the depreciation on those additions respectively have been exhibited distinctly in Sub Schedules A,B,C and D to the main schedule of Fixed Assets (Schedule 4)

Fixed assets as set out in Schedule 4 do not include assets purchased out of funds of sponsored projects, held and used by the institution, as project contracts include stipulations that all such assets purchased out of projects funds will remain the property of the sponsors.

4. DEPOSIT LIABILITIES – The amount outstanding as Earnest Money Deposit & Security Deposits of Rs. 88,57,179/- only towards unclaimed deposits, prior to the Financial Year Rs. Nil was transferred to Revenue Account and accounted as Miscellaneous Income for the year 2015 – 16.

5. EXPENDITURE IN FOREIGN CURRENCY:

a. Travel	NIL
b. Foreign Drafts for import of chemicals etc.	NIL
c. Other	NIL

6. CURRENT ASSETS, LOANS, ADVANCES AND DEPOSITS

In the opinion of the Management, the current assets, Loan, Advances and Deposits have a value on realization in the ordinary course, equal at least to the aggregate amount shown in the Balance Sheet.

7.1 OTHER NOTES

Disclosures required under Accounting Standard -15 (Revised) "Employee Benefits", issued by the Institute of Chartered Accountants of India are as under:-

Defined Contribution Plan:

Contribution to defined contribution plan i.e. Employer's Contribution to Provident Fund is charged off to the Income & Expenditure Account.

Defined Benefit Plan:

The Employees Gratuity, Pension and Leave Encashment is a defined Benefit Plan but National Institute of Technology is not complied AS-15 in the Defined Benefit Plan.

7.2 The Institute confirms having provided all the details compiled into financial statement.

7.3 Capital Work in Progress includes capital advances.

7.4 All the figures have been rounded off to the nearest thousands.

7.5 Previous year figures have been re-grouped and re-classified wherever considered necessary to make them comparable with those of the current year.

7.6 Schedule 1 to 24 are annexed to and form an integral part of the Balance Sheet at 31st March 2016 and the Income & Expenditure account for the year ended on that date.

RECEIPT
&
PAYMENT ACCOUNT

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2016

RECEIPTS	Current Year Amount (₹)	Previous Year Amount (₹)
A- Main Account		
Opening Balance		
a) Bank Balances	17,240,582	148,313,325
i) SBI Current A/c (Main)	1,124,931	121,340,432
ii) IDBI Saving A/c (SAF)	12,511,334	11,111
iii) IDBI Saving A/c (TDS)	2,951,184	8,682,970
iv) SBI Saving A/c (CPF)	653,133	18,278,811
Grants Received from GOI		
a) Non Plan Grant	730,000,000	200,000,000
b) Plan Grant for Fixed Assets	526,686,736	30,433,384
c) Plan Grant for General	33,313,264	35,240,000
Interest Received		
a) Bank Deposit and FDR	163,594,101	34,089,812
Income from Fees		
a) Tuition Fees	244,608,782	209,022,748
b) Water Charges	47,291	28,443
c) RTI Fee	4,450	2,496
d) License Fee	963,197	879,418
e) Misc. Income	2,500,615	3,980,322
Other Income		
a) Sale of Prospectus		3,000,771
b) Income from Vehicles	37,660	31,214
c) Lease of Land	7,496	550
d) Income from Xerox	27,000	25,200
e) Sale of Tender Forms	31,500	96,025
f) Income from Rent	899,344	756,718
g) Seat Rent	18,852,475	18,841,863
h) Guest House Charges	835,148	778,023
i) Watch & Ward	2,666,000	1,514,904

PAYMENTS	Current Year Amount (₹)	Previous Year Amount (₹)
A- Main Account		
Expenses		
a) Establishment Expenses	555,935,752	470,231,106
b) Academic Expenses	88,736,694	47,511,362
c) Administrative Expenses	47,604,710	50,346,220
d) Transportation Expenses	277,460	278,200
e) Repair & Maintenance	17,114,234	11,205,152
f) Prior Period Expenses	24,846,257	-
Loan and Advance		
a) Advance to CPWD	401,129,066	231,490,368
b) CPF Loan	13,079,700	11,677,870
c) Advance to Staff	-	-
Any Other Payments		
a) Current Liabilities	40,453,194	82,757,769
b) Sundry Debtors	123,198	24,750
c) TDS Receivable	511,481	-
d) Addition to Fixed Assets	34,952,118	45,079,782
e) Investment Made	583,607,753	69,112,858
f) Prepaid Expenses	14826666	5596

	Amount (₹)	Amount (₹)
Other Receipts		
a) Reserve & Surplus	13,592,208	319,945,516
b) IDF (Student)	14,214,014	13,882,017
c) IDF (Consultancy)	10,984,390	-
d) CPF/ NPS	28,799,700	13,974,061
e) Employees/ Ex-Employee	-	2,124,805
Total A	1,809,905,953	1,036,961,615
B - Scheme Account		
Opening Balance		
a) SBI Saving A/c	2,198,153	3,529,108
Receipts		
a) Grant Received	16,053,154	4,632,690
b) Interest Received on deposits	346,112	91,610
c) Misc. Income	-	222,487
d) FDR Matured	-	-
e) Misc. Recovery & Payments	481,557	25,000
Total B	19,078,976	8,500,895

RECEIPTS	Current Year Amount (₹)	Previous Year Amount (₹)
C - TEQIP - II Account		
Opening Balance		
a) SBI Saving A/c	3,805,613	1,891,242
Receipts		
a) Grant Received from GOI	20,000,000	15,000,000
b) Earnest Money	-	-
c) Interest Received on Deposits	1,340,523	1,365,419
d) Misc. Income	146,578	40,000

	Amount (₹)	Amount (₹)
Closing Balances		
Bank Balances		
i) SBI Current A/c (Main)	(34,739,695)	1,124,931
ii) IDBI Saving A/c (SAF)	17,993	12,511,334
iii) IDBI Saving A/c (TDS)	20,249,611	2,951,184
iv) SBI Saving A/c (CPF)	1,179,761	653,133
Total A	1,809,905,953	1,036,961,615
B - Scheme Account		
Payments		
a) Establishment Expenses	84,492	444,221
b) Academic Expenses	1,678,662	769,312
c) Administrative Expenses	504,546	891,234
d) Transportation Expenses	-	-
e) Repair & Maintenance	1,914,219	205,906
f) Endowment Fund	222,487	-
g) Investment Made	11,245,334	2,800,000
h) Loans & Advances	-	-
i) Addition in Fixed Assets	3,418,830	1,192,069
Total B	19,078,976	8,500,895

PAYMENTS	Current Year Amount (₹)	Previous Year Amount (₹)
C - TEQIP - II Account		
Payments		
a) Assistantship	9,368,483	7,401,218
b) Incremental Operation Cost	671,689	509,751
c) Academic Support to Weak Student	63,750	106,670
d) Faculty & Staff Development	1,619,732	2,249,023
e) Industry Institute Interaction	63,674	54,215
f) I.M.C.E	32,500	113,639
g) Research & Development	1,106,611	202,232
h) Addition to Fixed Assets	7,446,564	7,751,989

e) Investment Matured	-	-
f) Loan & Advances	9,890,578	14,811,308
Total C	35,183,292	33,107,969
D- MCA Account		
Opening Balance		
i) SBI Saving A/c (MCA)	922,638	869,040
Receipts		
a) Interest Received on Deposits	9,482,538	8,240,985
b) Misc. Income	53,944	232,094
c) Tuition Fees	20,935,323	18,946,370
Current Liabilities		
a) Misc. Recovery & Payments	295,119	-
b) Student Security	-	-
Total D	31,689,562	28,288,489

	RECEIPTS	Current Year Amount (₹)	Previous Year Amount (₹)
E - Other Account			
Opening Balance			
Staff welfare fund			
a) SBI Saving A/c		442,500	339,989
Merit Scholarship Account			
a) SBI Saving A/c		35,877	208,876
Ex Employees Account			
a) SBI Saving A/c		32,270	31,037
Amount Received			
a) FDR Matured		5,667,040	-
b) Interest Earned on Deposits		804,031	235,745

i) Investment Made	10,841,485	10,911,261
j) Current Liabilities	153,640	2,358
Closing Balance		
a) SBI Saving A/c	3,815,164	3,805,613
Total C	35,183,292	33,107,969
	-	-
D- MCA Account		
Expenses		
a) Establishment Expenses	2,724,304	1,966,250
b) Administrative Expenses	278,348	57,170
Any Other Payments		
a) Current Liabilities	-	331,558
b) Investment Made	23,720,649	24,839,475
c) Addition to Fixed Assets	4,581,151	168,289
d) Advance to Staff	-	3,109
Closing Balances		
i) SBI Saving A/c (MCA)	385,110	922,638
Total D	31,689,562	28,288,489

	PAYMENTS	Current Year Amount (₹)	Previous Year Amount (₹)
E - Other Account			
a) Staff welfare fund(Investment Made)		719,617	-
b) Merit Scholarship A/c (Investment Made)		1,463,019	200,000
c) Ex Employees Account (Investment Made)		4,237,690	1,416,004
d) Payment to Ex Employee		-	100,000
e) Scholarship Paid to Students		5,000	5,000
Closing Bank Balance			
I) Staff welfare fund			
a) SBI Saving A/c		644,926	442,500
II) Merit Scholarship Account			
a) SBI Saving A/c		60,218	35,877

c) Amount transferred from Main A/c	181,640	1,416,004
d) TDS Refund	-	-
e) Misc. Income	1,000	-
Total E	7,164,358	2,231,651
Total (A+B+C+D+E)	1,903,022,142	1,109,090,619

III) Ex Employees Account		
a) SBI Saving A/c	33,888	32,270
Total E	7,164,358	2,231,651
	-	-
Total (A+B+C+D+E)	1,903,022,142	1,109,090,619

Sd/-
Director
National Institute of Technology
Kurukshetra