

ANNUAL REPORT

2014-2015



NATIONAL INSTITUTE OF TECHNOLOGY

KURUKSHETRA - 136 119

CONTENTS

Sr.No.	Particulars	Page No.
	FOREWORD	
1.0	INTRODUCTION	1-2
	1.1 Mission And Vision	
	1.2 Objectives	
	1.3 Education System	
	1.4 New Initiatives	
2.0	AN OVERVIEW	3-14
	2.1 Historical Background	
	2.2 Location	
	2.3 Campus	
	2.4 Administration	
	2.5 Academic Programmes	
	2.6 Courses Offered	
	2.7 Admission Procedure	
	2.8 Students	
	2.9 Examination & Evaluation	
	2.10 Placement	
	2.11 Games and Sports	
	2.12 Staff Position	
	2.13 Notable Achievements	
3.0	THE STAFF	15-27
	3.1 Academic Staff (Teaching)	
	3.2 Non-Academic Staff (Non-Teaching)	
	3.3 Training Status	
	3.4 Placement of Staff for Academic Excellence	
4.0	TEACHING PROGRAMMES	28-40
	4.1 Courses Offered	
	4.2 Course-wise Enrolment with sex and caste breakup	
	4.3 Admission Statistics-UG/PG Programmes Course-wise	
	4.4 Students' Total Strength	
	4.5 The Hostels	
	4.6 Scholarships/Assistance-ship	
	4.7 Games and Sports	
	4.8 Awards	

4.9	Examination Details	
4.10	Training and Placement	
5.0	RESEARCH AND DEVELOPMENT ACTIVITIES	41-44
5.1	Ph.D Programmes-Existing and Proposed	
5.2	Ph.Ds Awarded and In Progress	
5.3	Institute-Industry Collaboration	
5.4	Innovations and Technology Transfer	
5.5	Technical Education Quality Improvement Programme (TEQIP-II)	
6.0	THE COUNCIL, BOG AND OTHER COMMITTEES	45-47
6.1	Institute's Council	
6.2	Board of Governors	
6.3	Finance Committee	
6.4	Building and Works Committee	
6.5	Other Committees	
7.0	CONCESSIONS FOR SCs, STs, OBCs And HANDICAPPED STUDENTS	48
7.1	Concessions Provided for Students	
7.2	Concessions Provided for Staff	
8.0	FINANCIAL STATUS	49-50
8.1	Analysis of Plan and Non-Plan Grants	
8.2	Source of Funds	
8.3	Expenditure Position for last three years	
9.0	CENTRAL FACILITIES AND SERVICES	51-62
9.1	Computer Services Centre	
9.2	Workshops	
9.3	Library	
9.4	Laboratories	
9.5	Hospital, Post Office, Shopping Centre	
9.6	Physical Facilities	
9.7	Games & Sports Facilities	
9.8	Other Facilities like Hostels, Messes, Staff Quarters, Administration etc.	

10.0	NOTABLE ACHIEVEMENTS	63-69
	10.1 Past Achievements	
	10.2 Achievements during the year 2011-12	
11.0	ANNEXURES	70-116
	11.1 Institute's Council	
	11.2 Board of Governors	
	11.3 Finance, Building & Works and other Committees	
	11.4 Research Projects and Consultation Jobs	
	11.5 Faculty Position	
	11.6 Administrative and other Staff	
	11.7 Staff Members deputed/Sponsored for Training, Learning	
	11.8 Courses and Admissions	
	11.9 Scholarships and Awards	
	11.10 Training and Placement Statistics	
	11.11 Finance and Accounts Details	
12.0	RESEARCH WORK	117-184
	12.1 On going research projects	
	12.2 Achievements during the year	
	12.3 Publications, patents etc.	
	12.4 R & D Income & Expenditure	

FOREWORD

I am indeed very happy to present the Annual Report of National Institute of Technology, Kurukshetra (Haryana) for the year 2014-15. 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, Physics, 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 4720. The Institute has 186 faculty in various disciplines and 198 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. 295.62 lacs.

The Institute has been selected as a Lead Institution in Haryana for Technical Education Quality Improvement Programme (TEQIP) funded by the World Bank to enhance efficiency and dynamism in Technical Education. It was launched by MHRD as a Rs. 1550 crore programme during the 10th plan. Further, to continue the development activities initiated through TEQIP-I, a sequel project

was launched as TEQIP-II with the focus on scaling up PG education and demand driven R & D and innovation. The project duration is four years (2010-2014).

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 150895 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. 38.00 crores and Rs. 24.00 crores under Plan and Non-Plan scheme respectively during the financial year, 2014-15. A sum of Rs. 59.21 crores and Rs. 50.78 crores has been spent under various heads of recurring and non-recurring 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. To continue the development activities initiated through TEQIP-I, a sequel project is planned as TEQIP-II with a focus to scale-up PG education and demand driven R&D and innovation. The project duration is four years (2010-2014).
2. New Ph.D. Viswadeshvarya Scheme was launched.
3. Proposal for starting new M.Tech. course in Cyber Security in Computer Engg. and Molecular Engg. in Chemistry was considered and approved in the Senate meeting.

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.

2.2 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.

2.3 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.

2.4 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.

2.5 ACADEMIC PROGRAMMES

The following academic programme was observed during the academic session 2014-15:-

ODD SEMESTER

1.	Registration	Without late fee: 17 th July to 25 th July 2014 With late fee of Rs. 500/-: 26 th July to 8 th August 2014 After 8 th August 2014, the Registration shall be allowed after getting approval of Dean (Academic)/Director.
2.	Commencement of classes	28 th July 2014
3.	Mid-Semester test-1	11 th September 2014 to 13 th September 2014
4.	Mid-Semester Break	22 nd September 2014 to 26 th September 2014
5.	Mid-Semester test-2	30 th October 2014 to 1 st November 2014
6.	Teaching Closes	21 st November 2014
7.	Practical Examination begins	25 th November 2014
8.	End semester exam. begins	1 st December 2014
9.	End semester exam. ends	22 nd December, 2014
10.	Winter Vacation	18 th December 2014 to 31 st December 2014
11.	Commencement of classes for even semester	6 th January, 2015 (Tuesday)

EVEN SEMESTER

1.	Registration (on prescribed proforma either in person or online)	Without late fee: 6 th Jan. 2015 to 9 th Jan. 2015 With late fee of Rs. 500/-: 10 th Jan. 2015 to 16 th Jan. 2015 After 16 th January 2015, the Registration shall be allowed after getting approval of Dean (Academic)/Director.
2.	Commencement of classes	6 th January 2015
3.	Mid-Class Test -1	25 th February 2015 to 27 th February 2015
4.	Mid-Semester Break	2 nd March 2015 to 6 th March 2015
5.	Mid-Class Test - 2	6 th April 2015 to 8 th April 2015
6.	Teaching Closes	30 th April 2015
7.	Practical Examination begins	4 th May 2015
8.	End Semester Exam. begins	14 th May 2015
9.	End Semester Exam. end	5 th June 2015
10.	Summer Vacation	8 th June 2015 to 17 th July 2015
11.	Commencement of classes for Odd Semester	27 th July 2015

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 4720 students in all Undergraduate and Postgraduate courses in the Institute as on 31.3.2015.

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.	87	125
Information Technology	84	73
Electronics & Comm. Engg.	66	146
Mechanical Engg.	61	138
Electrical Engg.	61	118
Civil Engg.	44	66
Production & Industrial Engg.	52	57
MCA	30	43
M.Tech.	32	93
MBA	05	03

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 31.3.2015

Summary of Faculty

Sr. No.	Name of the Post	Sanctioned	In Position	Vacant
1.	Professor	43	65	(-)22
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	92	78
Sub Total (A)		298	186	112

Summary of Non-Faculty (Officers)				
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	02	01
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	17	13
Technical Staff (Lower)				
1	Technician	33	09	24
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	-	10	(-)10
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
Technical Staff (Higher)				
1	Tech. Assistant	29	-	29
2	Sr. Tech. Asstt.	22	18 (01 Lab.Tech., 01 Dresser)	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	-	04
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	28	61
Sub Total (C)(Lower + Higher)		178	78	100
Administrative Staff (Lower)				
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	05	03
6	Steno SG II	02	02	-
7	Assistant SG I	05	09	(-)04
8	Steno SG I	01	-	01
Total		51	25	26
Administrative Staff (Higher)				
1	Superintendent	03	-	03
2	Accountant	04	-	04
3	Secretary	03	-	03
4	Sr. Superintendent	03	07	(-)04
5	Sr. Accountant	02	03	(-)01
6	Sr. Secretary	02	01	01
7	Superintendent SG II	02	03	(-)01
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	22	(-)02
Sub Total (D)(Lower + Higher)		75	47	28
Supporting Staff				
1	Attendant/ Security Guard/Mali/Caretaker	18	16	02
2	Sr. Attendant/ Security Guard/Mali/ Caretaker	14	20	(-)06
3	Attendant/ Security Guard/Mali/ Caretaker SG-II	09	12	(-)03
4	Attendant/ Security Guard/Mali/ Caretaker SG-I	04	08	(-)04
Sub Total (E)		45	56	(-)11
Grand Total (A+B+C+D+E)		626	384	242

Summary (Overall)

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	65	(-)22
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	92	78
Sub Total (A)		298	186	112
1.	Officer	30	17	13
2.	Technical Staff	178	78	100
3.	Administrative Staff	75	47	28
4.	Supporting Staff	45	56	(-)11
Sub Total (B)		328	198	130
Grand Total (A+B)		626	384	242

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. Proposal for starting new M.Tech. course in Cyber Security in Computer Engg. and Molecular Engg. in Chemistry was considered and approved in the Senate meeting.

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

Dean (Faculty Welfare)

Dr. A. Swarup

Dean (Students' Welfare)

Dr. P.J. Philip

Dean (Research & Consultancy)

Dr. Mayank Dave

Professor Incharge Training, Placement & Students Welfare

Dr. K.S. Sandhu

ADMINISTRATIVE OFFICERS

Registrar

Dr. Shyam Narayan

Ph.D. (IIT, Roorkee)

Workshop Supdt.

Dr. Hari Singh (Addl. Charge)

Senior Medical Officer

Dr. (Ms.) Minati Raut

DNB (NBE, Delhi)

Medical Officers

Dr. Sumit Kumar Guin

MBBS (Barhampur University)

Dr. Gaurav Kaushal

MBBS (HP University, Shimla)

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.) Minati Baral

Deputy Chief Warden

Dr. D.P. Singh

Controller of Examinations

Dr. R.P. Chauhan

Chief Vigilance Officer

Dr. Subodh Ranjan

President Sports

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

President Clubs

Dr. S.N. Sachdeva

Professor Incharge (Public Relations)

Dr. P.J. Philip

Students Activities & Sports Officer

Sh. Shahabuddin

Ms. Pallavi Rai

Public Information Officer Under RTI Act-2005

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

Ist Appellate Authority

Dr. Shyam Narayan, Registrar

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

Dr. Diwan Singh

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. N.K. Gupta	Ph.D. (Kurukshetra University)
Dr. Baldev Setia	Ph.D. (IIT, Kanpur)
Dr. Diwan Singh	Ph.D. (Kurukshetra University)
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	Ph.D. (Jadavpur University, Kolkata)
Dr. Mayank Dave	Ph.D. (IIT, Roorkee)
Dr. J.K. Chhabra	Ph.D. (GGSIU, Delhi)
Dr. S.K. Jain	Ph.D. (MNIT, Allahabad)

Associate Professors

Dr. R.K. Aggarwal	Ph.D. (NIT, Kurukshetra)
Dr. R.M. Sharma	Ph.D. (Kurukshetra University)

Assistant Professors

Ms. Priyanka Ahlawat	M.Tech. (GJU, Hisar)
Sh. Mohit Dua	M.Tech. (NIT, Kurukshetra)
Ms. Ritu Garg	M.Tech. (Kurukshetra University)
Sh. Virender Ranga	M.Tech. (GJU, Hisar)
Dr. Brij Bhooshan Gupta	Ph.D. (IIT, Roorkee)
Dr. Mantosh Biswas	Ph.D. (ISM, Dhanbad)
Sh. Vikram Singh	M.Tech. (JNU, Delhi)
Sh. Gyanendra Kumar Verma	M.Tech. (IIIT, Allahabad)
Sh. Manendra Kumar Murmu	M.Tech. (ISM, Dhanbad)
Sh. Santosh Kumar	M.Tech. (NIT, Jalandhar)
Ms. Bharti Sinha	M.Tech. (NIT, Rourkela)
Sh. Anoop Kumar Patel	M.Tech. (NIT, Allahabad)
Sh. Syed Taqi Ali	M.Tech. (NIT, Suratkal)
Sh. Kriti Bhushan	M.Tech. (NIT, Rourkela)
Sh. Ankit Kumar Jain	M.Tech. (IIIT Allahabad)
Sh. Chandra Bhim Bhan Singh	M.Tech. (IIIT Allahabad)
Sh. Vijay Verma	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

Sh. C.P. Bansal	B.Sc. Engg. (Kurukshetra University)
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. Dheeraj Joshi	Ph.D. (NIT, Kurukshetra)
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	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	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. Paras Ram

Professor

Dr. Paras Ram	Ph.D. (Kurukshetra University)
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Associate Professor

Dr. A S V Ravi Kant	Ph.D. (NIT, Warangal)
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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. Rajendra Kumar

Associate Professor

Dr. Neeraj Kaushik Ph.D. (MDU, Rohtak)

Assistant Professor

Dr. Ajay Solkhe Ph.D. (Kurukshetra University)

Dr. Mohammad Firoz Ph.D. (JMIU, New Delhi)

Dr. Manish Kumar Jha Ph.D. (ISM, Dhanbad)

DEPARTMENT OF COMPUTER APPLICATIONS**Head of Department**

Dr. J.K. Chhabra

Professor

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

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

178

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:-

- To conduct research or advance studies in India or abroad;
- 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 though CCMT-2014 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	Power System	10	5	3	2	-	-	-	-	20

Engineering	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
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		200	107	63	33	8	4	2	1	418

The Institute made admissions directly through Institute level counseling in the academic session 2014-15 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
Electrical Engineering	Power System	2	2	0	1	-	-	-	-	5
	Control System	2	2	1	-	-	-	-	-	5
	Power Electronics &	3	1	1	-	-	-	-	-	5

	Drives									
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
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	48	27	15	7	2	1	-	-	100

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	703	122	825
II	652	154	806
III	697	86	783
IV	686	91	777

M.TECH. DEGREE COURSES

	Year	Boys	Girls	Total
Civil	I	73	12	85
	II	72	10	82
Electrical	I	42	15	57
	II	53	05	58

Electronics	I	18	05	23
	II	13	09	22
Mechanical	I	54	06	60
	II	63	02	65
Physics	I	29	07	36
	II	13	07	20
Computer	I	11	14	25
	II	18	05	23
School of VLSI Design & Embedded system	I	45	05	50
	II	47	03	50

School of Renewal Energy & Efficiency	I	12	06	18
	II	14	01	15
School of Biomedical Engg.	I	12	03	15
	II	05	05	10
School of Material Science & Nanotechnology	I	11	05	16
	II	09	01	10

MBA and MCA DEGREE COURSES

	Year	Boys	Girls	Total
MBA	I	22	20	42
	II	33	24	57
MCA	I	50	32	82
	II	51	32	83
	III	57	25	82

Ph.D DEGREE COURSE

	Boys	Girls	Total
Ph.D.	334	109	443

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

UNDERGRADUATE COURSES

Details of candidates admitted to B.Tech. courses in 2014-2015:-

B.Tech.	FEMALE										FEMALE Total	MALE										MALE Total	Grand Total
Category	DASA	ICCR	MEA	OBC	OBC PH	OP	OP PH	SC	ST			DASA	ICCR	MEA	OBC	OBCPH	OP	OP PH	SC	SC PH	ST		
Civil Engg.	0	2	1	0	0	6	0	2	3	14		1	3	1	35	2	60	1	18	2	7	130	144
Computer Engg.	3	2	0	5	0	12	0	2	1	25		9	1	1	16	0	26	2	12	0	5	72	97
Electrical Engg.	0	1	1	3	1	11	0	3	4	24		0	3	0	33	0	53	2	17	1	6	115	139
Electronics & Comm. Engg.	0	3	1	7	0	19	1	3	1	35		0	2	0	28	2	45	0	15	0	9	101	136
Information Technology	1	0	0	2	0	10	0	4	2	19		2	2	0	20	0	30	1	8	0	2	65	84
Mechanical Engg.	0	0	0	0	0	1	0	0	0	1		10	2	2	35	2	63	2	20	0	12	148	149
Production & Industrial Engg.	0	0	0	1	0	3	0	0	0	4		0	0	0	21	0	35	1	13	0	2	72	76
Grand Total	4	8	3	18	1	62	1	14	11	122		22	13	4	188	6	312	9	103	3	43	703	825

Grand Total 771+54 *ICCR/MEA/DASA = 825

POSTGRADUATE COURSES

Details of sanctioned intake and candidates admitted to M.Tech. courses in 2014-2015:-

Branch	Programme	Female						F Total	Male								M Total	Grand Total
		ICCR	OBC	OP	SC	ST	Spon.		DASA	OP	OP PH	OBC	OBC PH	SC	ST	Spon.		
Civil Engg.	C (Envir.)			2		1		3		7		5		2			14	17
	C (S.M.F)		1	2	1			4		6		4		1	1		12	16
	C (Strut.)									9		5		4	1		19	19
	C (Trans.)			1				1		6		4		5	1		16	17
	C (W.R)		2	2				4		6		3		3			12	16
Computer Engg.	Computer		2	12				14	1	1		4		3	1	1	11	25
Electrical Engg.	E (C.S.)			1	3			4		8		4		1			13	17
	E (P.E.D.)			3	2			5		6	1	5		1	1		14	19
	E (P.S.)		1	3	1		1	6		7		3		2	2	1	15	21
Electronics & Comm. Engg	ECE			1	4			5		9		6			1	2	18	23
Mechanical Engg.	M (M.D.)		1	-	-			1		10		4		3	1	1	19	20
	M (I &P)		1	2	1		1	5		5		5		3	1		14	19
	M (Thermal)			-	-					6		10		2		3	21	21
Physics	Ph (N.T.)			1	-			1		8	1	6		2	1		18	19
	Ph (Inst.)			4	2			6		5		5		1			11	17
School of VLSI Design & Embedded System	VLSI Design		1	3				4		10	1	6	2	2	4	2	27	31
	E. S.D.			1				1		8		5		3	2		18	19
Renewal Energy & Efficiency	R.E.S			4	1	1		6		5		5		2			12	18
School of Biomedical Engg.	Biomedical Engg.			3				3		6		5		1			12	15
School of Material Science & Nanotechnology	Material Science and Nanotechnology		1	1	3			5		6		5					11	16
Grand Total			10	46	18	2	2	78	1	134	3	99	2	41	17	10	307	385

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

Ist Semester	=	825
IIIrd Semester	=	806
Vth Semester	=	783
VIIth Semester	=	777

M.Tech. Degree Course

Ist Semester	=	385
IIIrd Semester	=	355

MBA Degree Course

Ist Semester	=	42
IIIrd Semester	=	57

MCA Degree Course

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

Ph.D Degree Course	=	443
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Total	=	4720
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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													
2011	Comp	64	16	80	10	4	14	4	2	6	18	3	21
	EC	110	18	128	15	4	19	9	1	10	35	3	38
	M	133	0	133	20	-	20	11	-	11	37	-	37
	E	121	11	132	18	2	20	7	3	10	34	2	36
	C	128	4	132	19	1	20	9	2	11	38	-	38
	IT	69	20	89	10	4	14	6	1	7	20	4	24
	IEM	73	10	83	12	2	14	4	1	5	24	1	25
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

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. 1st 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, Lawn Tennis, Table Tennis and Volleyball teams participated in the Sports Fest VARCHASV 2014 organised by Indian Institute of Technology, Jodhpur and brought laurels by achieving a great success in all the team event by attaining overall 3rd position in the fest, where the Badminton and the Chess teams got the gold, Table Tennis team had to satisfy with silver where as Football and Volleyball teams added a bronze to the medals Talley. NIT Kurukshetra organized Table Tennis (Boys and Girls) Tournament under Inter Technology University Sports Association and bagged the silver medal in Boys category.

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	95	79	Sneha Gandhi, 110140	9.7954
Civil	134	105	Yadvinder Mor, 110006	9.8702
Electronics & Comm. Engg.	136	93	Ankita Gupta, 110224	9.7516
Electrical	125	89	Himanshu Nagpal, 110145	9.7314
Mechanical	145	96	Ashish Kumar, 110207	9.8274
IEM	67	54	Kanika, 110867	9.6585
IT	88	67	Parul Garg, 110139	9.7054
Total	790	583		

POSTGRADUATE COURSES

M.Tech.	No. of Students Passed
Computer Engg.	20
Electronics & Comm. Engg.	16
Mechanical Engg. (Thermal)	20
Mechanical Engg. (I & P)	19
Mechanical Engg. (Machine Design)	24
Electrical Engg. (Power System)	21
Electrical Engg. (Control System)	19
Electrical Engg. (PED)	16
Civil Engineering (Environmental)	13
Civil Engineering (Soil Mechanics & Foundation)	16
Civil Engineering (Structural)	12
Civil Engineering (Transportation)	18
Civil Engineering (Water Resources)	14
Instrumentation	15
Nanotechnology	13
School of VLSI Design & Embedded Systems (VLSI)	15
School of VLSI Design & Embedded Systems (Embedded System Design)	16
School of Renewal Energy and Efficiency (Renewable Energy Systems)	12
Total	299
MBA	67
MCA	84

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.	87	125
Information Technology	84	73
Electronics & Comm. Engg.	66	146
Mechanical Engg.	61	138
Electrical Engg.	61	118
Civil Engg.	44	66
Industrial Engg. & Mgt.	52	57
MCA	30	43
M.Tech.	32	93
MBA	05	03

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-Ferofluids, 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	01	56
2.	Electrical	04	83
3.	Mechanical	13	122
4.	Electronics & Comm.	04	46
5.	Physics	06	22
6.	Chemistry	02	21
7.	Mathematics	01	14
8.	Humanities	02	14

9.	Computer	03	36
10.	MCA	-	12
11.	MBA	01	06
12.	School of Renewable Energy and Efficiency	-	09
	Total	37	441

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) one Professor and one Assistant Professor or a lecturer of the Institute to be nominated by the Senate.
- (g) 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 2014-15.

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 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 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 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 2014-15 funds to the tune of Rs. 3800.00 lacs and Rs. 2400.00 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 2012-13 to 2014-15 is as under:-

Items	2012-13 (Rs.in Lacs)	2013-14 (Rs.in lacs)	2014-15 (Rs. In Lacs)
Salary paid to faculty staff	1615.31	1963.23	2109.20
Salary paid to Non-faculty staff	733.96	785.25	778.84
Pension alongwith arrears	NIL	4637.13	996.29
Salary paid for Adhoc staff	57.96	595.61	624.83

deployed in Institute including salary bill of daily wages employees			
Allowances & Bonus	NIL	190.63	154.54
TA/DA expenses paid to members & experts	2.64	26.47	12.51
Employer's Net contribution to CPF/NPS	104.07	26.78	26.30
Gratuity paid to employees on superannuation age	121.25	91.55	121.94
Printing Publications	6.47	8.00	10.06
Scholarships/Fellowships	455.40	536.88	648.65
Other Administrative Expenses	289.82	318.60	252.23
Electricity Charges	149.13	223.22	289.10
Maintenance of campus and computers	74.31	21.79	25.59
Library Expenses	72.37	1.01	130.25
Any other Expenditure	214.41	90.15	85.44
Outstanding payments, if any	NIL	NIL	NIL
Gross Expenditure (Rs.)	3552.82	3897.10	6265.77

In addition to above, Institute is timely depositing their statutory dues with State and Central Government. Details of the taxes collected & deposited during the financial year 2014-15 are as under:

Tax deducted at Source on Salary	Rs. 426.74 Lacs
Tax deducted at Source on Non-Salary	Rs. 14.94 Lacs
Service Tax on Rental Income	Rs. 0.92 Lacs
Service Tax on Consultancy Work	Rs. 31.16 Lacs

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 Industrial & management 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.

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 31.3.2014	Added during 1.4.2014 to 31.03.2015	Total as on 31.3.2015
Library	53245	862	54104
Book Bank	93796	2992	96791
Total	147041	3854	150895
Other Documents			
Back Sets	7097	-	7097
Standard	10097	-	10097
CDs/Video Cassettes	1284	-	1284
e-Books	7807	-	7807
Thesis	3616	-	3621
Grand Total	176942	3859	180801

CURRENT JOURNALS

Online journals +Indian Standard & British STANDARDS in Civil Engg.+ ASTM

Standard+IEC Standard+ Fedget : 4000+

Print journals : 120

International : 13

National : 95

Gratis : 12

Total : 120

EXPENDITURE (2014-15)

Books	2428967.00
Journals, e-resources and Newspaper and Magazine	17691013.00
Computer Peripherals & Furniture	694000.00
Library Supply	108691.00
Library Binding	38174.00
Maintenance of Computer	109756.00
Material and Service Charges for Electro Copier	36800.00

INDEST Consortium-Digital Library

The NITK Library is a core member of Indian National Digital Library in Engineering Science and Technology (INDEST) Consortium set up by MHRD. Approximately 4500+ 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:

Sr. No.	Electronic Resources	URL	No. of Titles
Provided by INDEST Consortium			
1.	ACM	http://portal.acm.org/dl.cfm/	32
2.	ASCE	www.pubs.asce.org/journals/jrns.html	30
3.	ASME	www.asme.org/pubs/journals/	22
4.	IEL	www.ieeexplore.ieee.org/	219
5.	Nature	www.nature.com	1
6.	Springer	www.link.springer.de/	1300+
7.	Project MUSE	http://muse.jhu.edu/	-
8.	Annual Reviews	http://www.annualreviews.org/	-
9.	JSTOR	http://www.jstor.org	-
10.	Indian Standards	Intranet Version	-
Subscribed by the Institute: Journals			
11.	Springer Back Files (Engg. & Comp. Science)	www.link.springer.de/	From Vol.1 Issue 1
12.	Science Direct Back Files (Engg. & Comp. Science)	www.sciencedirect.com/	From Vol.1 Issue 1
13.	Science Direct	www.sciencedirect.com/	2300+
14.	ASTM Jrls + Standards	http://journalsip.astm.org/	6+standard
15.	LNCS(2006-09 & 2011)	www.link.springer.de/	-
16.	Taylor & Francis	http://journalsonline.tandf.co.uk/	245
17.	Emerald	http://www.emeraldinsight.com/	168
18.	Cambridge	http://journals.cambridge.org/	42
19.	Oxford University Press	http://oxfordjournals.org/	26
20.	NPTEL Web & Video Courses	Intranet Version	-
21.	Wiley (2008)	http://onlinelibrary.wiley.com/journal	53
22.	BS Civil Engg. standards	Intranet Version	-
23.	SIAM (2008-09)	Intranet Version	14
Subscribed by the Institute: e-Books			
24.	CUP eBooks	http://ebooks.cambridge.org	40
25.	EBSCO eBooks	http://web.ebscohost.com	79
26.	Elsevier (Science direct) eBooks	http://www.sciencedirect.com	730+
27.	Springer eBooks	www.ebooks.springerlink.com	5933

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.

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 8TB (8000 GB) capacity and 40 computers. The server is capable to catch 2500-3000 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.

UTILIZATION (USE OF LIBRARY)

Number of books issued during 2014-2015	:	193159
Number of visitors during 2014-2015	:	455828
Total No. of Membership during 2014-2015	:	5167

BOOK BANK

The Institute has a strong Book Bank collection, which caters to the needs of all the B.Tech., M.Tech., MBA, MCA students for all the semesters. SC/ST students are given priority for issue of books. They are given 8 books for a semester without any charges. General category students are given 5 books for a semester without any fee and they can get five additional books against payment of Rs. 30/- per Book for a full semester.

The facility of Book-Bank is also extended to M.Tech. students. They can get the books issued for full semester against payment 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/repaired 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
Industrial Engg. & Management	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 though CCMT-2014 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

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		200	107	63	33	8	4	2	1	418

The Institute made admissions directly through Institute level counseling in the academic session 2014-15 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
School of VLSI Design &	VLSI Design	3	1	1	-	-	-	-	-	5
	Embedded System	3	1	1	-	-	-	-	-	5

Embedded System	Design									
School of Renewable Energy & Efficiency School of Biomedical Engg. School of Material Science & Nano technology	Renewable Energy Systems	2	1	1	1	-	-	-	-	5
	Biomedical Engg.	2	1	1	1	-	-	-	-	5
	Material Science & Nano technology	2	2	1	-	-	-	-	-	5
	GRAND TOTAL	48	27	15	7	2	1	-	-	100

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 2014-15

1. The following Construction works were finalized during the year 2014-15:

- (i) Two nos. Institute Main Gates at NITK.
- (ii) Three storey bearer barrack comprising of two blocks to accommodate 96 bearers.
- (iii) Permanent fencing along the lawns & gardens of the Institute with revolving entry gates including CC pathways at NITK.
- (iv) Providing of paver blocks, covering of area open to sky by Zinc coated galvanized iron profile sheets, vitrified tiles in flooring and provision of garage for ambulance in the Health Centre at NIT Kurukshetra.

2. The following works are under progress:

- I. Replacement of C.I./A.C. water supply lines with Centrifugally Cast (Spun) Iron Pipes Class L.A. in the Residences, Hostels & Instructional Building
- II. Construction of 600 seater Girls Hostel (Multi-Storeyed Framed Structure, Ground Floor)

- III. Construction of Sewage Treatment Plan (STP)
- IV. Providing & installation of 16/20 meter High Mast lights at Sports Ground and various other location
- V. Construction of Boundary wall (left out stretches) for a length of about 800 meters and gate (near UHBVN office)
- VI. Provision of Aviation Light & Lightening conductor in the Mega Boys' Hostel (1000 capacity).
- VII. Preparation of Institute Master Plan
- VIII. Provision of DG power backup at various locations in the Institute covering instructional buildings and related facilities
- IX. Provision of DG power backup in Boys' and Girls' hostel
- X. Construction of 300 seaters multi-purpose Boys' hostel including 100 suits for foreign students research scholars and married PG students.
- XI. Replacement of existing LT Panels with MCCB's in the Institute.
- XII. Replacement of existing Electrical wirings in Instructional Building

3. The network connections have been provided in the Institute campus under Phase-I and II project.

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 Distinguished Scientist & Chief Controller (R&D), DRDO & CEO and MD, BrahMos Aerospace 16, Cariappa Marg, Kirby Place Delhi Cantt., New Delhi
2.	Director- ex officio	Prof. Anand Mohan Director NIT Kurukshetra
3 & 4.	Two Nominee of Central Govt. (persons dealing with Technical Education & Finance)	Ms. Amita Sharma Additional Secretary (Tech.), Govt. of India, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi Joint Secretary & Financial Advisor Integrated Finance Division Govt. of India, 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)	Dr. Chandra Shekhar Director Central Electronics Engg. Research Institute Pillani (Rajasthan)
7 & 8	Two persons having special knowledge in respect of education, engg. or science	Prof. (Ms.) Sneha Anand Professor & Head Centre for Biomedical Engineering Indian Institute of Technology Hauz Khas Delhi Prof. M.K. Surappa Director or his nominee Indian Institute of Technology Ropar (Punjab)

9.	One Professor of the Institute	-
10.	One Associate Prof. of the Institute	Dr. C.R. Mariappan Assistant Professor, Physics Department, NIT Kurukshetra
11.	Secretary	Dr. Shyam Narayan 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 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)	Smt. Amita Sharma, IAS Additional Secretary Technical Government of India, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi. Sh. Yogendra Kumar Tripathi, IAS 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.) Sneha Anand Professor & Head Centre for Biomedical Engineering Indian Institute of Technology Delhi

		Prof. M.K. Surappa 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	<p>Dr. K.K. Singh Dean (Estate) NIT Kurukshetra</p> <p>Dr. Arun Goel Prof. In-charge (Estate & Const.) NIT Kurukshetra</p> <p>Dr. Saurabh Chanana Prof. I/C (EM) NIT Kurukshetra</p> <p>Sh. S.N. Kaushik Asstt. Engineer (Civil) NIT Kurukshetra</p>
8.	Member-Secretary	<p>Dr. Shyam Narayan Registrar NIT Kurukshetra.</p>

SENATE

Sr.No.	Composition	Members
1.	Ex-Officio Chairman	<p>Prof. Anand Mohan Director, NIT Kurukshetra</p>
2,3 & 4	Three Educationists of repute	<p>Dr. Chandra Shekhar Director Central Electronics Engg. Research Institute (CEERI) Pilani (Raj.) Prof. (Ms.) Shashikala Achyut Gangal ISRO Chair Professor Deptt. of Electronics Science University of Pune Pune Prof. Rajendra Rai Head of the Department Deptt. of Economics Faculty of Social Sciences Banaras Hindu University Varanasi</p>

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 ECE Department NIT Kurukshetra</p> <p>Dr. (Ms.) Minati Baral, Professor & Head, Chemistry Department, NIT Kurukshetra.</p> <p>Dr. D.K. Soni Professor & Head, 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. P.J. Philip, Professor & Dean (SW) Humanities & Social Science, 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. R.K. Sharma Professor, Electronics & Comm.Engg.Deptt. NIT Kurukshetra</p> <p>Dr. O.P. Sahu Professor Electronics & Comm.Engg.Deptt. NIT Kurukshetra</p> <p>Dr. S.M. Gupta Professor Civil Engg. Deptt. NIT Kurukshetra</p> <p>Dr. Arun Goel Professor Civil Engg. Deptt. NIT Kurukshetra</p> <p>Dr. Dinesh Kumar Professor, Chemistry Deptt. NIT Kurukshetra</p> <p>Dr. D.P. Singh Professor, Chemistry Deptt. NIT Kurukshetra</p> <p>Dr. P.C. Tiwari Professor, Mech. Engg. Deptt. NIT Kurukshetra</p> <p>Dr. L.M. Saini Professor Elect. Engg. Deptt. NIT Kurukshetra</p> <p>Dr. Hari Singh Professor Mech. Engg. Deptt. NIT Kurukshetra</p>	
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		<p>Dr. S.K. Patidar Professor Civil Engg. Deptt. NIT Kurukshetra</p> <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>
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		<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. Sathans Professor Elect. Engg. Deptt. NIT Kurukshetra</p> <p>Dr. Yash Pal Professor Elect. Engg. Deptt. NIT Kurukshetra</p>
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	<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>
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		Dr. ASV Ravikanth Associate Professor & Head Mathematics Department NIT Kurukshetra Dr. Vikas Choudhary Professor Department of Humanities & Social Sciences, NIT Kurukshetra Dr. (Ms.) Kiran Mor Professor Department of Humanities & Social Sciences, NIT Kurukshetra
6.	Member-Secretary	Dr. Shyam Narayan 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 to the Institute and as on 31.3.2015, following are the sanctioned schemes as per details given below:-

Sr. No.	Name of Scheme & Principal Investigator	Amount available upto 2014-15	Amount utilized upto 31.03.2015	Balance as on 31.03.2015
1.	Centre for Water Resource Development & Management by Prof. KK Singh	1.83	1.50	0.33
2.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. RP Chauhan	15.37	13.17	2.20
3.	Changing Water Cycle by Prof. KK Singh	10.20	9.32	0.88
4.	Distribution System Markets by Prof. Ashwani Kumar	6.27	5.07	1.20
5.	A Computational Approach Singularly Perturbed Differential Equations with Delay as well as Advace by Associate Prof. ASV Ravikanth	3.36	2.88	0.48

6.	Supramolecular Fluorescent probes for the selective detection of biological signaling molecule (H ₂ S) and real time assay" by Dr. Amilan Jose Devadoss	15.30	11.98	3.32
7.	Silver Nano- Particle embedded bio- glasses: Electro- Thermal polling and Assessment of their bio compatibility by Dr. C.R. Marriapan	14.50	3.55	10.95
8.	Dye- Sensitized Solar Cells: Giant Improvement in Efficiency using up-conversion by Dr. Ashok Kumar, Asstt. Prof. in Physics Deptt.	12.04	11.40	0.64

In addition to above, new projects are sanctioned by Science & Engineering Research Board, Govt. of India. The details are as follows:

in Lacs

Sr. No.	Project Title	Sanctioned Amount
1.	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
2.	Synthesis of Novel Random Laser Materials for Advance Photonic Applications by Dr. Yashashchandra Dwivedi, Asstt. Prof. in Physics Deptt	26.24
3.	Design, Synthesis and Optoelectronic Properties of Thiophene based Functional Organic Materials by Dr. Chetti Prabhakar, Asstt. Prof. in Chemistry Deptt.	22.81
4.	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
5.	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
6.	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

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 1.4.2014 to 31.3.2015, one thousand one hundred seventy three (1173) consultancy jobs involving consultancy fees around Rs. 295.62 lacs were sanctioned.

11.5 FACULTY POSITION AS ON 31.03.2015

Sr. No.	Name of the Post	Sanctioned	In position	Vacant	Pay Scale (Rs.)
Civil Engineering Department					
1.	Professors	06	25	(-)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	05	07	37400-67000+9000
3.	Asstt.Professors	23	16	07	15600-39100+6000
Mechanical Engineering Department					
1.	Professors	06	11	(-)05	37400-67000+10000
2.	Asso.Professors	12	11	01	37400-67000+9000
3.	Asstt.Professors	24	10	14	15600-39100+6000
Industrial Engineering Discipline					
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	04	(-)03	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	03	05	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	186	112	
Summary (Faculty Staff)					
1.	Professors	43	65	(-)22	37400-67000+10000
2.	Asso.Professors	85	29	56	37400-67000+9000
3.	Asstt.Professors	170	92	78	15600-39100+6000
Total		298	186	112	

11.6 ADMINISTRATIVE AND OTHER STAFF

POSITION OF OFFICER CADRE STAFF AS ON 31.03.2015

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	02	01	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	17	13	

POSITION OF TECHNICAL STAFF AS ON 31.03.2015

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	
Industrial Engineering & Management					
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	01	01	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	02	02	
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
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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	-	04	9300-34800+4200
2	Asstt. Engineer	02	-	02	9300-34800+4600
3	Asstt. Engr. SG II (Civil)	01	01	-	9300-34800+4800
Total		07	01	06	

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	-	10	(-)10	5200-20200+2800
Total		-	12	(-)12	
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	78	100	

POSITION OF ADMINISTRATIVE & MINISTERIAL STAFF AS ON 31.03.2015

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 (Sec.SGII)	-	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	9300-34800+4600
Higher Cadre					
1	Superintendent	01	01 (Supdt.SG-II)	-	9300-34800+4200
Total		02	01	01	
Deans Office					
Lower Cadre					
1	Stenographer	03	-	03	5200-20200+2400
Higher Cadre					
1	Secretary	02	02 (01 Sr.Sec., 01 Asstt. SG-I)	-	9300-34800+4200
2	Sr. Secretary	01	-	01	9300-34800+4600
Total		06	02	04	
Director Office					
Higher Cadre					
1	Sr. Secretary	01	01 (Steno SG-II)	-	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 (01Sr.Suptt.)	(-)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	01	01	5200-20200+2800
3	Assistant SG-I	01	01	-	9300-34800+4200
Higher Cadre					
1	Sr. Superintendent	01	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	02 (01 Sr. Supdt., 01 Supdt. SG-II)	(-)01	9300-34800+4200
Total		04	03	01	
Stores Section					
Lower Cadre					
1	Sr. Assistant	01	01 (Jr. Asstt.)	-	5200-20200+2400
2	Assistant SG-II	02	-	02	5200-20200+2800
Higher Cadre					
1	Supdt.	01	03 (02 Sr. Supdt., 01 Sec. SG-II)	(-)02	9300-34800+4200
Total		04	04	-	
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 (01 Asstt.SG-I)	-	5200-20200+2800
Higher Cadre					
1	Accountant	01	-	01	9300-34800+4200
2	Sr. Supdt.	01	01 (Sr.Accountant)	-	9300-34800+4600
Total		05	02	03	

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 (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	02 (01 Sr. Supdt.)	-	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	06	03	
Finance Section					
Lower Cadre					
1	Sr. Assistant	02	-	02	5200-20200+2400
2	Assistant SG-II	01	-	01	5200-20200+2800
Higher Cadre					
1	Accountant	01	02 (Asstt. SG-I)	(-)01	9300-34800+4200
2	Sr. Supdt	01	02 (01 Sr. Acctt., 01 Acctt. SG-II)	(-)01	9300-34800+4600
Total		05	04	01	
Reception & Diary/Dispatch					
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	-	-	01 (Asstt.-SG-II)	(-)01	5200-20200+2400
Higher Cadre					
1	-	-	01(Supdt. SG I)	(-)01	9300-34800+5400
Total		-	02	(-)02	
Grand Total		75	47	28	

Position of Non-Faculty (Supporting Staff) as on 31.03.2015

Sr. No.	Name of the post	Sanctioned	In Position	Vacant	Pay Scale & Grade Pay
1	Attendant/Security Guard/Mali/Caretaker	18	16	02	5200-20200+1800
2	Sr. Attendant/Security Guard/Mali/Caretaker	14	20	(-)06	5200-20200+1900
3	Attendant/Security Guard/Mali/Caretaker SG-II	09	12	(-)03	5200-20200+2000
4	Attendant/Security Guard/Mali/Caretaker SG-I	04	08	(-)04	5200-20200+2400
Total		45	56	(-)11	

Grand Summary of Faculty & Non-Faculty Position as on 31.03.2015

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	65	(-)22
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	92	78
Sub Total (A)		298	186	112
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	02	01
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	17	13
1	Technician	33	09	24
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	-	10	(-)10
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 (01 Lab.Tech., 01 Dresser)	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	-	04
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	28	61
Sub Total (C) (Lower + Higher)		178	78	100
1	Junior Assistant	16	06	10
2	Steno	04	-	04
3	Sr. Assistant	12	04	08
4	Sr. Steno	03	-	03
5	Assistant SG II	08	05	03
6	Steno SG II	02	02	-
7	Assistant SG I	05	08	(-)03
8	Steno SG I	01	-	01
Total		51	25	26
1	Superintendent	03	-	03
2	Accountant	04	-	04
3	Secretary	03	-	03
4	Sr. Superintendent	03	07	(-)04
5	Sr. Accountant	02	03	(-)01
6	Sr. Secretary	02	01	01
7	Superintendent SG II	02	03	(-)01
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	22	02

Sub Total (D) (Lower + Higher)		75	47	28
1	Attendant/ Security Guard/Mali/Caretaker	18	16	02
2	Sr. Attendant/ Security Guard/Mali/ Caretaker	14	20	(-)06
3	Attendant/ Security Guard/Mali/ Caretaker SG-II	09	12	(-)03
4	Attendant/ Security Guard/Mali/ Caretaker SG-I	04	08	(-)04
Sub Total (E)		45	56	(-)11
Grand Total (A+B+C+D+E)		626	384	242

Brief Summary of Faculty & Non-Faculty Position as on 31.03.2015

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	65	(-)22
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	92	78
Sub Total (A)		298	186	112
1.	Officer	30	17	13
2.	Technical Staff	178	78	100
3.	Administrative Staff	75	47	28
4.	Supporting Staff	45	56	(-)11
Sub Total (B)		328	198	130
Grand Total (A+B)		626	384	242

11.7 STAFF MEMBERS DEPUTED/SPONSORED FOR TRAINING, LEARNING

Sr. No.	Name of the faculty & Designation Prof./Dr./Sh./Ms.	Area of Training	Venue	Duration of Training
1.	Poonam Jindal, Asstt. Professor	IEEE Intl. Conf. on Recent Advances & Innovation in Engg.	Poornima Uni., & Poornima College of Engg., Jaipur	9.5.14 - 11.5.14
2.	Amit Prakash, Asstt. Professor	Ordinary and Partial Differential Equation : Analysis and Applications	Maulana Azad National Institute of Tech., Bhopal	27.5.14 - 31.5.14
3.	N K Tiwari, Asso. Professor	STTP on Finite Element Method Through Altair Hyper Works	Malviya National Institute of Technology, Jaipur	2.6.14 - 6.6.14
4.	G L Pahuja, Professor	Intl. Mechanical Engineering Congress - 2014	NIT, Trichy (Tamil Nadu)	13.6.14 - 15.6.14
5.	Ashwani, Asstt. Professor	Intl. Conf. on Indian Economy : Development Prospects and	Hotel Grand Shiva, Haridwar	21.6.14 - 22.6.14

		Perspectives	org. by Society of Technical & Management	
6.	Gaurav Saini, Asstt. Professor	Continuing Edu. Program on Nanoscale Science & Engg : Materials, Elect- ronics, Photonics, Biosensors & Beyond	Indian Institute of Technology, Indore	23.6.14 - 25.6.14
7.	Ashavani Kumar, Professor	Intl. Conf. on Nano Science & Engg. Applications	Jawaharlal Nehru Techno- logical Uni., Hyderabad	26.6.14 - 28.6.14
8.	J K Quamara, Professor	-do-	-do-	26.6.14 - 28.6.14
9.	Joy Parkash Misra, Asstt. Professor	CAD/CAM and Advanced Machining	MNNIT, Allahabad	1.7.14 - 5.7.14
10.	Gaurav Verma, Asstt. Professor	Cognitive Radio : Fundamentals and Implementation Issues	NIT, Kurukshetra	9.7.14 - 12.7.14
11.	Chhagan, Asstt. Professor	-do-	-do-	9.7.14 - 12.7.14
12.	Y. Dwivedi, Asstt. Professor	International Symposium on Advances in Biological & Material Science	University of Lucknow, Lucknow	15.7.14
13.	Yash Pal, Professor	Economics and Financing of Renewable Energy Technologies	Indian Institute of Technology, Delhi	16.7.14 - 19.7.14
14.	Smita Sonker Asstt. Professor	International Conf. on Mathematical Sciences	Sathyabama University, Chennai	17.7.14 - 19.7.14
15.	Amit Kumar Asstt. Professor	IEEE Authoring Workshop	IIT, Delhi	11.8.14
16.	Atma Ram Gupta Asstt. Professor	IEEE Authoring Workshop	IIT, Delhi	11.8.14
17.	Arvind Kumar Asstt. Professor	National Conf. on VLSI, Signal Processing and Communication Engg.	NIT, Hamirpur	16.8.14 - 17.8.14
18.	Vikram Singh, Asstt. Professor	1 st Intl. Conf. on Data Mining	Bangalore	13.9.14 - 14.9.14
19.	Pankaj Verma, Asstt. Professor	Convex Optimization for Wireless Communications	IIT, Kanpur	15.9.14 - 17.9.14
20.	Chhagan, Asstt. Professor	-do-	-do-	15.9.14 - 17.9.14
21.	Gaurav Verma, Asstt. Professor	-do-	-do-	15.9.14 - 17.9.14
22.	Vikram Singh, Asstt. Professor	Workshop on Foundation Program	Infosys Ltd., Chandigarh	15.9.14 - 19.9.14
23.	Syed Taqi Ali, Asstt. Professor	Workshop on Information Security & Cryptography	NIT, Surathkal	15.9.14 - 16.9.14
24.	Vijay Pal Singh, Asso. Professor	Training program on Vibro-acoustics	IIT, Bombay	17.9.14 - 19.9.14
25.	C P Bansal, Asso. Professor	Workshop on Recent Developments in Power Transmission & Protection	Central Power Research Institute, Bengaluru	18.9.14 - 19.9.14
26.	Vikram Singh Asstt. Professor	STTP on Advanced Engg. Optimization through Intelligent	Sardar Vallabhbhai	22.9.14 - 26.9.14

		Techniques	National Institute of Tech., Surat	
27.	Anoop Kr. Patel, Asstt. Professor	STTP on Advanced Engg. Optimization through Intelligent Techniques	SVNIT, Surat	22.9.14 - 26.9.14
28.	Chandra Bhim Bhan S, Asstt. Professor	-do-	-do-	22.9.14 - 26.9.14
29.	Chhagan, Asstt. Professor	-do-	-do-	22.9.14 - 26.9.14
30.	Vijay Verma Asstt. Professor	-do-	-do-	22.9.14 - 26.9.14
31.	Dheeraj Kr. Sharma Asstt. Professor	-do-	-do-	22.9.14 - 26.9.14
32.	Pankaj Verma, Asstt. Professor	Third International Conference on Advances in Computing, Communications and Informatics	Galgotia's College of Engg. & Technology, Greater Noida, Delhi	24.9.14 - 27.9.14
33.	Shabnam, Asstt. Professor	3 rd International Conference on Psychology & Allied Sciences	Amity University, Noida	25.9.14 - 27.9.14
34.	A K Singh Professor	5 th Intl. Conf. on Computer & Communication Technology	MNNIT, Allahabad	26.9.14 - 28.9.14
35.	Vikram Singh, Asstt. Professor	-do-	-do-	26.9.14 - 28.9.14
36.	Shweta Meena, Asstt. Professor	Emerging Technologies on Electronic Devices & Materials	MNIT, Jaipur	1.10.14 - 4.10.14
37.	Awadhesh Kr. Singh Professor	Workshop on Recent Trends in Graph Theory and Its Applications	N I T, Warangal	11.10.14 - 13.10.14
38.	Santosh Kumar, Asstt. Professor	-do-	-do-	11.10.14 - 13.10.14
39.	Prakash Chand, Asstt. Professor	2 nd Intl. Conf. on Nanomaterials and Technologies	Vardhaman College of Engg., Hyderabad	17.10.14 - 18.10.14
40.	Anurag Gaur, Asstt. Professor	2 nd Intl. Conf. on Nanomaterials and Technologies	Vardhaman College of Engg., Hyderabad	17.10.14 - 18.10.14
41.	Paras Ram Professor	Intl. Conf. on Modeling and Simulation of Diffusive Processes and Applications	Banaras Hindu University, Varanasi	29.10.14 - 31.10.14
42.	N K Tiwari, Asso. Professor	STC on Numerical Optimization Technique	MNNIT, Allahabad	31.10.14 - 4.11.14
43.	Subodh Ranjan, Professor	-do-	-do-	31.10.14 - 4.11.14
44.	Ghule Vikas D Asstt. Professor	Molecular Modeling and Informatics in Drug Design	National Institute of Pharmaceutical Education and Research, S A S Nagar	3.11.14 - 6.11.14
45.	Karan Sharma, Asstt. Professor	Bio-medical Instrumentation and Signal Processing	NIT, Kurukshetra	3.11.14 - 7.11.14
46.	M. Senthilkumar Asstt. Professor	Workshop on Challenges in Analytical Chemistry : Raising the Profile of Analytical Science	Indian Institute of Technology, Delhi	4.11.14

47.	Chetti Prabhakar, Asstt. Professor	Indian Roadshow Workshop	-do-	4.11.14
48.	Avijit Kr. Paul, Asstt. Professor	-do-	-do-	4.11.14
49.	Shabnam, Asstt. Professor	Intl. Conf. on Stress Management Professional	Intl. Stress Management Association, Hyderabad	6.11.14 - 8.11.14
50.	Saraswati Yadav, Asstt. Professor	Short Term Course on Analysis and Applications	Malviya National Institute of Technology, Jaipur	10.11.14 - 14.11.14
51.	Mohit Dua, Asstt. Professor	Intl. Conf. on Information and Communication Technology for Competitive Strategies	Computer Society of India Udaipur Chapter, Udaipur	14.11.14 - 16.11.14
52.	Satnam Singh, Asstt. Professor	Workshop on High Performance Computing for Computer Aided Engg. & Sciences	Centre for Development of Advanced Computing, Pune	18.11.14 - 20.11.14
53.	Rajneesh, Asstt. Professor	-do-	-do-	18.11.14 - 20.11.14
54.	Lalit Thakur, Asstt. Professor	Thermal Spray Course	Intl. Advanced Research Centre for Power Metallurgy & New Materials, Hyderabad	22.11.14 - 23.11.14
55.	Lalit Thakur, Asstt. Professor	6 th Asian Thermal Spray Conference	-do-	24.11.14 - 26.11.14
56.	Diwan Singh, Professor	Intl. Training Program on Air Pollution Modeling	Welcome Dwaraka Hotel, New Delhi (Org. by LaGa Systems Pvt Ltd, Hyderabad)	26.11.14 - 29.11.14
57.	K K Singh, Professor	-do-	-do-	26.11.14 - 29.11.14
58.	Virender Ranga, Asstt. Professor	International Conf. on Contemporary Computing and Informatics	Sri Jayachamarajendr a College of Engg., Mysore	27.11.14 - 29.11.14
59.	Mahendra Kr. Murmu, Asstt. Professor	-do-	-do-	27.11.14 - 29.11.14
60.	Praveen Kr. Aggarwal, Professor	-do-	-do-	27.11.14 - 29.11.14
61.	A K Singh, Professor	-do-	-do-	27.11.14 - 29.11.14
62.	Geeta Sachdeva, Asstt. Professor	Intl. Conf. on Multidisciplinary Approaches in Business Management & Sustainability	Birla Institute of Management Technology, Bhubaneswar	28.11.14 - 29.11.14
63.	Ratna Dahiya,	6 th IEEE Power India	Delhi	5.12.14 -

	Professor	International Conference	Technological University, Delhi	7.12.14
64.	Jatinder Kumar Asstt. Professor	12 th Global Congress on Manufacturing and Management	VIT University, Vellore	8.12.14 - 10.12.14
65.	Giribabu Dyanamina Asstt. Professor	2014 IEEE Sixth India International Conference on Power Electronics	NIT, Kurukshetra	8.12.14 - 10.12.14
66.	Chetti Prabhakar, Asstt. Professor	51 st Annual Convention of Chemists 2014	Kurukshetra University, Kurukshetra	9.12.14 - 12.12.14
67.	Ghule Vikas D Asstt. Professor	51 st Annual Convention of Chemists 2014	Kurukshetra University, Kurukshetra	9.12.14 - 12.12.14
68.	Ram Kr. Tittal, Asstt. Professor	-do-	-do-	9.12.14 - 12.12.14
69.	Vrinda Gupta, Asso. Professor	3 rd Intl. Conf. on Parallel, Distributed and Grid Computing	Jaypee Uni. of Information Technology, Solan	11.12.14 - 13.12.14
70.	Ajai Jain, Professor	Intl. and 26 th All India Manufacturing Technology, Design & Research Conf.	IIT, Guwahati	12.12.14 - 14.12.14
71.	Joy Prakash Misra Asstt. Professor	-do-	-do-	12.12.14 - 14.12.14
72.	Vikas Mittal, Asso. Professor	9 th IEEE International Conference on Industrial and Information Systems	Atal Bihari Vajpayee Indian Institute of Information Technology & Mgt., Gwalior	15.12.14 - 17.12.14
73.	Manish Kr. Jha, Asstt. Professor	2 nd Special Winter School	BHU, Varanasi	15.12.14 - 4.1.15
74.	Arun Goel, Professor	Hydro 2014 International	MANIT, Bhopal	18.12.14 - 20.12.14
75.	Mahesh Pal, Professor	-do-	-do-	18.12.14 - 20.12.14
76.	Saurabh Chanana, Asso. Professor	National Power Systems Conference	IIT, Guwahati	18.12.14 - 20.12.14
77.	G L Pahuja, Professor	National Power Systems Conference	IIT, Guwahati	18.12.14 - 20.12.14
78.	Vijay Verma, Asstt. Professor	Third International Conference on Big Data Analytics (BDA 2014)	IIT, Delhi	21.12.14 - 24.12.14
79.	Anoop Kumar Patel Asstt. Professor	-do-	-do-	21.12.14 - 24.12.14
80.	Chandra Bhim Bhan S. Asstt. Professor	-do-	-do-	20.12.14 - 23.12.14
81.	Smita Sonker, Asstt. Professor	Intl. Conf. on Recent Trends in Mathematical Analysis and its Applications	IIT, Roorkee	21.12.14 - 24.12.14
82.	Shahida, Asstt. Professor	Intl. Conf. on Re-Imaging Theory : Towards New Horizons in the Humanities and the Social Sciences	International Centre, Goa	21.12.14 - 24.12.14

83.	V K Sehgal, Professor	Structural Engg. Convention 2014	IIT, Delhi	22.12.14 - 24.12.14
84.	Saraswati Setia, Professor	-do-	-do-	22.12.14 - 24.12.14
85.	Ashutosh Kr. Singh, Professor	IEEE Intl. Conf. on Emerging Trends in Electronics and Networking	SVNIT, Surat	26.12.14 - 27.12.14
86.	Shweta Meena, Asstt. Professor	Nanostructured Carbon Doped Nanocomposites	IIT, Kanpur	29.12.14 - 02.1.15
87.	Gaurav Verma, Asstt. Professor	IEEE Intl. Conf. on Signal Processing and Communication Engg. Systems	K L University, Vaddeswaram, Guntur(AP)	2.1.15 - 3.1.15
88.	J K Quamara, Professor	102 nd Indian Science Congress 2015	University of Mumbai	3.1.15 - 7.1.15
89.	Ashavani Kumar, Professor	-do-	-do-	3.1.15 - 7.1.15
90.	D P Singh, Professor	-do-	-do-	3.1.15 - 7.1.15
91.	A. Swarup Professor	Tutorials/Workshop on Control of Multiagent systems	IIT, Madras	5.1.15 - 7.1.15
92.	Y. Dwivedi Asstt. Professor	Intl. Workshop & Conference on Frontiers of Spectroscopy	Banaras Hindu University, Varanasi	8.1.15 - 12.1.15
93.	Mantosh Biswas, Asstt. Professor	Intl. Conf. on Recent Cognizance in Wireless Comm. & Image Processing	Poornima Institute of Engg. & Technology, Jaipur	16.1.15 - 17.1.15
94.	Pradeep Kumar, Asstt. Professor	Workshop on Synchrophasor Applications in Power Systems	CPRI, Bengaluru	22.1.15 - 23.1.15
95.	M P R Prasad Asstt. Professor	Course in Marine Robotics : Theory and Practice	CSIR National Institute of Oceanography, Goa	27.1.15 - 31.1.15
96.	Minati Baral, Professor	National Sym. on Recent Advances in Analytical Sciences and Applications	Indian Society of Analytical Scientists, New Delhi	9.2.15 - 10.2.15
97.	Mahendra Kr. Murmu, Asstt. Professor	Recent Trends in Networks and Distributed Computing	Indian Institute of Technology, Guwahati	10.2.15 - 14.2.15
98.	Mohit Dua, Asstt. Professor	National Workshop on Scale-Free Networks	Cochin Uni. of Science & Technology, Kochi	12.2.15 - 15.2.15
99.	Vikas Mittal, Asso. Professor	National Conf. on Recent Advances in Electronics & Computer Engg.	IIT, Roorkee	13.2.15 - 15.2.15
100.	Pankaj Verma, Asstt. Professor	Intl. Conf. on Signal Processing & Integrated Networks	Amity University, Noida	19.2.15 - 20.2.15
101.	Shelly Vadhera, Asso. Professor	IEEE Intl. Conf. on Signal Processing, Informatics, Communication and Energy Systems 2015	National Institute of Technology, Calicut	19.2.15 - 21.2.15
102.	Gaurav Verma, Asstt. Professor	-do-	-do-	19.2.15 - 21.2.15
103.	Virender Ranga	5 th Intl. Conf. on Advanced	Sat Priya Group of	21.2.15 -

	Asstt. Professor	Computing and Comm. Technologies	Institutions , Rohtak	22.2.15
104	Arvind Kumar, Asstt. Professor	Intl. Conf. on Academic Research in Engg., Mgt. & Information Technology	MJP Rohilkhand University, Bareilly	21.2.15 - 23.2.15
105	M. P R Prasad Asstt. Professor	Intl. Symposium on Underwater Technology 2015	IIT Madras, Chennai	23.2.15 - 25.2.15
106	Mayank Dave, Professor	2 nd Intl. Conf. on Electronics & Comm. Systems	Karpagam College of Engg., Coimbatore	26.2.15 - 27.2.15
107	M. Senthilkumar, Asstt. Professor	Asian Network for Natural & Unnatural Materials	Panjab University, Chandigarh	28.2.15 - 2.3.15
108	Sarika Jain, Asstt. Professor	2 nd Intl. Conf. on Computing for Sustainable Global Development	Bharti Vidyapeeth's Institute of Computer Appl & Mgt, New Delhi	11.3.15 - 13.3.15
109	Amit Prakash, Asstt. Professor	Advanced Workshop on Finite Difference Methods for Differential Equations	South Asian University, New Delhi	13.3.15 - 17.3.15
110	A S V Ravi Kant, Asso. Professor	Advanced Workshop on Finite Difference Methods for Differential Equations	South Asian University, New Delhi	13.3.15 - 17.3.15
111	Dinesh Khanduja Professor	4 th Intl. Conf. on Materials Processing and Characterization	Gokaraju Rangaraju Institute of Engg. and Technology, Hyderabad	14.3.15 - 15.3.15
112	P C Tewari, Professor	-do-	-do-	14.3.15 - 15.3.15
113	Mohammad Arif, Asso. Professor	IEEE Intl. Conf. on Circuit, Power and Computing Technologies	Noorul Islam Centre for Higher Edu., Kanyakumari	19.3.15 - 20.3.15
114	A. Swarup Professor	Executive Committee Meeting of IEEE Delhi Section	Indian Institute of Technology, Delhi	21.3.15
115	Chandra Bhim Bhan S. Asstt. Professor	Intl. Workshop on Soft Computing and Applications	South Asian University, New Delhi	25.3.15 - 27.3.15
116	Vijay Verma, Asstt. Professor	Intl. Workshop on Soft Computing and Applications	South Asian University, New Delhi	25.3.15 - 27.3.15
117	Pradeep Kumar, Asstt. Professor	1st IEEE Uttar Pradesh Conf.- Intl. Conf. on Energy Economics & Environment	Galgotia College of Engg. & Tech., Greater Noida	27.3.15 - 28.3.15
118	Atma Ram Gupta, Asstt. Professor	STC on Power Electronic Applications for Renewable Integration	IIT, Kanpur	30.3.15 - 1.4.15

International Conferences(Abroad)				
Sr.No.	Name of the faculty & Designation Prof./Dr./Sh./Ms.	Area of Training	Venue	Duration of Training
1.	Punit Kumar, Asso. Professor	ICMEAM 2014 - Intl. Conf. on Mechanical Engg & Applied Mechanics	Toronto, Canada	16.6.14 - 17.6.14
2.	R P Chauhan Asso. Professor	26 th Intl. Conference on Nuclear Tracks in Solids	Kobe, Japan	15.9.14 - 19.9.14
3.	S K Patidar, Professor	ICEPP 2014: Intl. Conf. on Environment Pollution and Prevention	Los Angeles, USA	29.9.14 - 30.9.14
4.	Vikas Choudhary, Professor	International Conf. on Business, Law and Corporate Social Responsibility	Phuket (Thailand)	1.10.14 - 2.10.14
5.	Rajender Kumar, Professor	-do-	-do-	1.10.14 - 2.10.14
6.	Sathans, Professor	2014 IEEE Multi-Conference on Systems and Control	Antibes/Nice, France	8.10.14 - 10.10.14
7.	Jaideep Gupta, Asso. Professor	International Conference for Technology and Science	Rome, Italy	28.10.14 – 31.10.14
8.	Shelly Vadhera, Associate Professor	International Conference on Power and Energy Systems	Singapore	21.11.14 - 23.11.14
9.	Sathans, Professor	Intl. Conf. on Control, Mechatronics & Automation	Dubai	8.12.14 - 10.12.14
10.	Neena Jaggi, Professor	Intl. Conf. on Nanotechnology and Biotechnology	Melbourne, Australia	11.12.14 - 12.12.14
11.	V K Bajpai, Professor	International Conference on Mechanical and Materials Engineering	Melbourne, Australia	11.12.14 - 12.12.14
12.	N K Singh Asso. Professor	Intl. Conf. on Mechanical and Aerospace Engg.	Melbourne, Australia	11.12.14 - 12.12.14
13.	Dixit Garg, Professor	Intl. Conf. on Mechanical & Automotive Engg.	Sydney, Australia	15.12.14 - 16.12.14
14.	Parveen Kr. Saini Asso. Professor	Intl. Conf. on Mechanical & Automotive Engg.	Sydney, Australia	15.12.14 - 16.12.14
15.	Vinod Kumar, Asso. Professor	-do-	-do-	15.12.14 - 16.12.14
16.	Gulshan Sachdeva, Asstt. Professor	Intl. Conf. on Energy Systems Engg. & Technology	-do-	15.12.14 - 16.12.14
17.	J K Quamara, Professor	Intl. Conf. on Electrical Engineering and Technology	Sydney, Australia	15.12.14 - 16.12.14
18.	Prakash Chand, Asstt. Professpr	Intl. Conference on Nanobiophotonics	Sydney, Australia	15.12.14 - 16.12.14
19.	Y. Dwivedi, Asstt. Professor	Intl. Conf. on Advanced Engg. & Technology	Incheon, South Korea	20.12.14 - 21.12.14
20.	Diwan Singh, Professor	Intl. Conf. on Environment, Biological and Ecological Sciences and Engg.	London (United Kingdom)	22.12.14 - 23.12.14
21.	Paras Ram Professor	12 th International Conference on Fluid Mechanics & Aerodynamics	Geneva, Switzerland	29.12.14 - 31.12.14
22.	Anurag Gaur, Asstt. Professor	12 th International Conference on Fluid Mechanics & Aerodynamics	Geneva, Switzerland	29.12.14 - 31.12.14
23.	Gian Bhushan Professor	International Conf. on Mechanical, Mechatronics and Manufacturing Engg.	Singapore, SG	8.1.15 - 9.1.15
24.	Ajai Jain Professor	-do-	-do-	8.1.15 - 9.1.15
25.	S K Madan, Professor	XIII International Conference on Service Oriented Computing	-do-	8.1.15 - 9.1.15
26.	Jitander Kr. Kapoor Asso. Professor	XIII Intl. Conf. on Water & Wastewater Treatment Plants	-do-	8.1.15 - 9.1.15

27.	C R Mariappan, Asstt. Professor	2015 Intl. Conf. on Intelligent Materials & Manufacturing Engg.	Phuket Island, Thailand	16.1.15 - 17.1.15
28.	Ashok Kumar, Asstt. Professor	-do-	-do-	16.1.15 - 17.1.15
29.	D K Soni, Professor	Intl. Conf. Data Mining, Civil and Mechanical Engg.	Bali (Indonesia)	1.2.15 - 2.2.15
30.	Praveen Aggarwal, Professor	Intl. Conf. on Biological, Civil and Environmental Engg.	Bali (Indonesia)	3.2.15 - 4.2.15
31.	Jagdeep Singh Lather, Professor	9 th IEEE Intl. Conf. on Semantic Computing	Anaheim, California (USA)	7.2.15 - 9.2.15
32.	V P Singh, Professor	2015 Intl. Conf. on System Modeling and Optimization	Amsterdam, Netherlands	12.2.15 - 13.2.15
33.	Saurabh Chanana, Asso. Professor	4 th Intl. Conf. on Clean and Green Energy	Amsterdam, Netherlands	14.2.15 - 15.2.15
34.	Avadhesh Yadav, Asstt. Professor	Intl. Conf. on Advances in Civil, Structural & Mechanical Engg.	Bangkok (Thailand)	21.2.15 - 22.2.15
35.	Rajneesh, Asstt. Professor	-do-	-do-	21.2.15 - 22.2.15
36.	Dinesh Khanduja, Professor	-do-	-do-	21.2.15 - 22.2.15
37.	R K Sharma, Professor	9 th Intl. Conf. on Circuits, Systems, Signal and Telecommunications	Dubai	22.2.15 - 24.2.15
38.	V K Arora, Professor	ICBSE 2015: Intl. Conf. on Building Science and Engineering	Paris, France	23.2.15 - 24.2.15
39.	Arun Goel, Professor	ICBSE 2015: Intl. Conf. on Building Science and Engineering	Paris, France	23.2.15 - 24.2.15
40.	Mohammad Arif, Asso. Professor	11 th IEEE Colloquium on Signal Processing and its Applications	Kuala Lumpur, Malaysia	6.3.15 - 8.3.15
41.	K K Singh, Professor	ICCEE 2015 : Intl. Conf. on Civil and Environmental Engg.	Miami (USA)	9.3.15 - 10.3.15
42.	Surjit Angra, Professor	Intl. Conf. on Mechanical, Mechatronics and Materials Engg.	Miami (USA)	9.3.15 - 10.3.15
43.	Lillie Dewan Professor	Intl. Conf. on Electrical and Electronics Engineering	Miami (USA)	9.3.15 - 10.3.15
44.	Ratna Dahiya, Professor	Intl. Conf. on Electrical and Electronics Engineering	Miami (USA)	9.3.15 - 10.3.15
45.	Ravinder Singh Bhatia Professor	ICEMS 2015: Intl. Conf. on Electrical & Microelectronics Systems	Miami (USA)	9.3.15 - 10.3.15
46.	Jyoti Ohri Professor	ICEMS 2015: Intl. Conf. on Electrical & Microelectronics Systems	Miami (USA)	9.3.15 - 10.3.15
47.	Yash Pal, Professor	ICSMET 2015 : Intl. Conf. on Science, Management, Engg. and Technology	Dubai, UAE	18.3.15 - 19.3.15
48.	L M Saini, Professor	Intl. Conf. on Civil, Environmental & Medical Engg.	Hong Kong	20.3.15
49.	Babita Saini, Asso. Professor	Intl. Conf. on Civil, Environmental & Medical Engg.	Hong Kong	20.3.15
50.	H K Sharma Professor	Intl. Conf. on Transportation and Civil Engineering	London, UK	21.3.15 - 22.3.15
51.	Ashwani Kumar, Professor	4 th Intl. Conf. on Informatics, Environment, Energy and Applications	Pattaya, Thailand	28.3.15 - 29.3.15
52.	Mayank Dave, Professor	Intl. Conf. on Future Computational Technologies	Singapore	29.3.15 - 30.3.15
53.	Jitender Chhabra Professor	Intl. Conf. on Future Computational Technologies	Singapore	29.3.15 - 30.3.15
54.	Virender Ranga Asstt. Professor	Intl. Conf. on Future Computational Technologies	Singapore	29.3.15 - 30.3.15

55.	Mohit Dua, Asstt. Professor	Intl. Conf. on Future Computational Technologies	Singapore	29.3.15 - 30.3.15
56.	Pankaj Chandna Professor	ICMIIE 2015 : Intl. Conf. on Manufacturing, Information & Industrial Engineering	Singapore	29.3.15 - 30.3.15
57.	Saraswati Setia Professor	ICSE 2015 : Intl. Conf. on Structural Engineering	Singapore	29.3.15 - 30.3.15

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
Industrial Engg. & Management	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-2014 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

Electrical Engineering	Transportation Engg.	9	4	4	1	-	-	-	-	18
	Environmental Engg.	9	6	2	1	1	1	1	-	21
	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
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		200	107	63	33	8	4	2	1	418

The Institute made admissions directly through Institute level counseling in the academic session 2014-15 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
School of VLSI Design & Embedded System	VLSI Design	3	1	1	-	-	-	-	-	5
	Embedded System Design	3	1	1	-	-	-	-	-	5
School of Renewable Energy & Efficiency School of Biomedical Engg.	Renewable Energy Systems	2	1	1	1	-	-	-	-	5
	Biomedical Engg.	2	1	1	1	-	-	-	-	5
School of Material Science & Nano technology	Material Science & Nano technology	2	2	1	-	-	-	-	-	5
	GRAND TOTAL	48	27	15	7	2	1	-	-	100

ADMISSIONS**UNDERGRADUATE COURSES**

Details of candidates admitted to B.Tech. courses in 2014-2015:-

B.Tech.	FEMALE										FEMALE Total	MALE										MALE Total	Grand Total
Category	DASA	IC CR	ME A	OBC	OBC PH	OP	OP PH	SC	ST			DA SA	IC CR	ME A	OB C	OBC PH	OP	OP PH	SC	SC PH	ST		
Civil Engg.	0	2	1	0	0	6	0	2	3	14		1	3	1	35	2	60	1	18	2	7	130	144
Computer Engg.	3	2	0	5	0	12	0	2	1	25		9	1	1	16	0	26	2	12	0	5	72	97
Electrical Engg.	0	1	1	3	1	11	0	3	4	24		0	3	0	33	0	53	2	17	1	6	115	139
Electronics & Comm. Engg.	0	3	1	7	0	19	1	3	1	35		0	2	0	28	2	45	0	15	0	9	101	136
Information Technology	1	0	0	2	0	10	0	4	2	19		2	2	0	20	0	30	1	8	0	2	65	84
Mechanical Engg.	0	0	0	0	0	1	0	0	0	1		10	2	2	35	2	63	2	20	0	12	148	149
Production & Industrial Engg.	0	0	0	1	0	3	0	0	0	4		0	0	0	21	0	35	1	13	0	2	72	76
Grand Total	4	8	3	18	1	62	1	14	11	122		22	13	4	188	6	312	9	103	3	43	703	825

Grand Total 771+54 *ICCR/MEA/DASA = 825

POSTGRADUATE COURSES

Details of sanctioned intake and candidates admitted to M.Tech. courses in 2014-2015:-

Branch	Programme	Female						F Total	Male								M Total	Grand Total
		ICCR	OBC	OP	SC	ST	Spon.			DASA	OP	OP PH	OBC	OBC PH	SC	ST		
Civil Engg.	C (Envir.)			2		1		3		7		5		2			14	17
	C (S.M.F)		1	2	1			4		6		4		1	1		12	16
	C (Strut.)									9		5		4	1		19	19
	C (Trans.)			1				1		6		4		5	1		16	17
	C (W.R)		2	2				4		6		3		3			12	16
Computer Engg.	Computer		2	12				14	1	1		4		3	1	1	11	25
Electrical Engg.	E (C.S.)			1	3			4		8		4		1			13	17
	E (P.E.D.)			3	2			5		6	1	5		1	1		14	19
	E (P.S.)		1	3	1		1	6		7		3		2	2	1	15	21
Electronics & Comm. Engg	ECE			1	4			5		9		6			1	2	18	23
Mechanical Engg.	M (M.D.)		1	-	-			1		10		4		3	1	1	19	20
	M (I &P)		1	2	1		1	5		5		5		3	1		14	19
	M (Thermal)			-	-					6		10		2		3	21	21
Physics	Ph (N.T.)			1	-			1		8	1	6		2	1		18	19
	Ph (Inst.)			4	2			6		5		5		1			11	17
School of VLSI Design & Embedded System	VLSI Design		1	3				4		10	1	6	2	2	4	2	27	31
	E. S.D.			1				1		8		5		3	2		18	19
Renewal Energy & Efficiency	R.E.S			4	1	1		6		5		5		2			12	18
School of Biomedical Engg.	Biomedical Engg.			3				3		6		5		1			12	15
School of Material Science & Nanotechnology	Material Science and Nanotechnology		1	1	3			5		6		5					11	16
	Grand Total		10	46	18	2	2	78	1	134	3	99	2	41	17	10	307	385

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	2014	2013	2012	2011	Total	
Merit Scholarship	84	84	84	56	308	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	35	88	69	56	248	Rs. 740/- p.m. for Boarders &Rs.330/- p.m. for day scholars
Others states	20	98	93	68	279	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	25	47	38	21	131	As sanctioned by the various departments and concerned agencies.
Academic Prizes B.Tech	44	44	44	147	279	Rs. 250/- by way of Technical books and in cash to the passed out

						students.
Central Scholarship	68	68	51	34	221	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. Ist 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.	87	125
Information Technology	84	73
Electronics & Comm. Engg.	66	146
Mechanical Engg.	61	138
Electrical Engg.	61	118
Civil Engg.	44	66
Production & Industrial Engg.	52	57
MCA	30	43
M.Tech.	32	93
MBA	05	03

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 and Rs. 3800.00 Lacs are released for the financial year 2014-15. 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

Sr No	Name & Coordinator of the Project	Amount sanctioned (Rs. in lacs)	Sponsoring Agency	Duration
1.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. R.P. Chauhan	29.50	BRNS Project	3 years
2.	Changing Water Cycle by Prof. K.K. 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 Advance by Associate Prof. A.S.V. Ravikanth	9.13	NBHM Project	4 years
5.	Supramolecular Fluorescent probes for the selective detection of biological signaling molecule (H ₂ S) 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

12.2 ACHIEVEMENTS DURING THE YEAR

Mechanical Engineering Department

Workshops/Conferences/Seminars attended

- 4th International Conference on Materials Processing and Characterization, held at GRIET, Hyderabad, India during March 14-15, 2015, attended by Dr. P C Tewari.
- Two day course on Thermal Spray Technology, held at ARCI, Hyderabad, India during November, 22-23, 2014, attended by Dr. Lalit Thakur.
- Fifth International and Twenty Six All India Manufacturing Technology Design and Research Conference, held at IIT Guwahati, December 12-14, 2014, attended by Dr. J P Misra.
- STC on CAD/CAM and Advanced Machining, held at MNNIT Allahabad during July 01-05, 2014, attended by Dr. J P Misra.
- STC on Micro & Nano Fabrication, held at IIT Kanpur during March 16-20, 2015, attended by Dr. J P Misra .
- Indo-Russian Workshop and Poster Presentation on High Performance Computing for Computer Aided Engineering & Sciences, held at CDAC, Pune University during November 18-20, 2014, attended by Dr. Rajneesh.
- Indo-Russian Workshop and Poster Presentation on High Performance Computing for Computer Aided Engineering & Sciences, held at CDAC, Pune University during November 18-20, 2014, attended by Er. Satnam Singh.
- International Conference on Energy System Engineering and Technology, held in Sydney, Organized by World Academy of Science, Engineering and Technology during December 15-16, 2014, attended by Dr. G Sachdeva.
- International Conference on Mechanical and Automotive Engineering, held in Sydney during March 27-28, 2014, attended by Dr. D Garg.
- Workshop on Quality Initiatives in Technical and Higher Educational Institutions (in Compliance with NBA & NAAC Accreditation) held at ESIC Hyderabad during Octber 8-10, 2014, attended by Dr. D Garg.
- International Conference Mechanical, Materials and Mechatronics Engineering, held in Madrid during March 27-28, 2014, attended by Dr. D Garg.

Guest Lectures & Seminars.

- Dr. Punit Kumar delivered an expert lecture on "Application of CFD in Hydrodynamic Lubrication" during an FDP organized by Mechanical Engineering Department, UIET, KUK September 26, 2014.
- Dr. P C Tewari delivered a guest lecture on "Emerging Technologies" in International Conference organized by N.C. College of Engineering on April 24, 2014.
- Dr. J P Misra delivered an expert lecture on "Hybrid Machining Processes" in Mechanical Engg. Dept., MNNIT Allahabad on July 05, 2014.
- Dr. J P Misra delivered a guest lecture on "Electrochemical Honing Process" in National Conference organized by SBSSTC Ferozpur on September 06, 2014.

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

- Luthra, S., Garg, D. and Haleem, A. (2014). 'Sustainable purchasing in Indian automobile industry: An ISM approach' In Jain, K., Ganapathy, L., Gokhale, R. and Mukundan R. edn., Manufacturing Excellence: Imperatives for Emerging Economies, Mumbai, Excel India Publishers, pp. 95-108. ISBN: 978-93-84869-01-4
- Kumar, S., Luthra, S., Garg, D. and Haleem, A. (2014). 'Lean six sigma implementation: An analytic hierarchy process approach'. In Jain, K., Ganapathy, L., Gokhale, R. and Mukundan R. edn., Manufacturing Excellence: Imperatives for Emerging Economies, Mumbai, Excel India Publishers, pp. 269-278. ISBN: 978-93-84869-01-4

Any other information/achievements

- Dr. P C Tewari chaired a Technical Session in National Conference on "Recent Advances in Manufacturing" organized by S.V. National Institute of Technology, Surat, on June 26-28, 2014.
- Dr. J P Misra chaired a Technical Session in National Conference on "Recent Advances in Manufacturing" organized by SBSSTC Ferozpur on September 05-06, 2014.
- Dr. D Garg chaired a Technical Session in International Conference on 'Mechanical, Materials and Mechatronics Engineering' on March 27-28, 2014.

Physics Department

- Organized one week short term course on "Emerging materials: Characterization and applications, at Department of Physics NIT Kurukshetra on 13-17 June, 2014
- Dr. C.R. Mariappan was awarded DST Young Scientist award by DST, Government of India, New Delhi, 2014.
- Dr. J.K. Quamara chaired a session at International Conference on Electrical Engineering and Technology, Sydney (Australia) , 16-17, December, 2014

Invited Talks/ lectures Delivered:

- "Radiation enabled Nanotechnology" Expert lecture delivered during one week short term course on "Advanced Materials and Characterization, at Department of Physics NIT Kurukshetra on 8-12 June, 2014.
- "Biological effects of Radiations" Expert lecture delivered during one week short term course cum Training Program on "Bio-Medical Instrumentation and Signal Processing at School of BME NIT Kurukshetra on 3-7 November, 2014.
- "Template based synthesis of one dimensional Nanostructures" Expert lecture delivered during one week short term course on "Emerging materials: Characterization and applications, at Department of Physics NIT Kurukshetra on 13-17 June, 2014.

Conferences/ Symposia/ workshop Attended

- National Conference on Emerging Trends in Physics and Material Science at CDL University, Sirsa, during 9-10 March, 2015
- National Conference on Environmental Radiation and Functional Materials at Osmania University, Hyderabad, during February 28-March 1, 2015
- 26th International Conference on Nuclear Tracks in Solids at Kobe (Japan) 15-19 September 2014
- 56th Accelerator User workshop (AUC) at Inter University Accelerator centre (IUAC), New Delhi 5-7 July, 2014.

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

The Department has organized an international conference, 6th IEEE India International Conference on Power Electronics at NIT, Kurukshetra during Dec 8-10, 2014.

Guest Lecture delivered:

- A guest lecture on, high power factor multilevel inverters, at NIT Surat in July 2014, has been delivered by Dr. Jayaram Nakka.
- A guest lecture on, Role of high power factor converters in renewable energy systems, at NIT Surat in Dec 2014, has been delivered by Dr. Jayaram Nakka
- A Guest lecture on “Power System Harmonics” at Short-Term Course on Advances in Power Quality and Control, 13-17 July 2015, United College of Engineering and Research, Allahabad, has been delivered by Prof. Pradeep Kumar.
- Lecture on “Artificial Intelligent Techniques and applications to Electrical Engineering”, delivered in the Workshop on Artificial Intelligence and Renewable Energy Interconnection with Smart Grid, Sept. 19, 2014, at University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra by Dr. Sathans.
- Lecture on “Fuzzy based intelligent frequency control in AC hybrid microgrid”, delivered in the Workshop on Artificial Intelligence and Renewable Energy Interconnection with Smart Grid, Sept. 19, 2014, at University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra, by Dr. Sathans.

Seminar /conference/workshop/short term attended:

- A short course on Economics and Financing of renewable Energy Technologies at IIT, Delhi during 16-7-14 to 19-7-14, attended by Dr. Yashpal
- An International Conference on Science, Management, Engineering and Technology (ICSMET)2015 at Dubai during March 18-19,2015, attended by Dr. Yashpal

- 4th International Conference on Clean and Green Energy, ICCGE, Amsterdam, Netherlands, Feb 14-15, 2015, attended by Dr. Saurabh Chanana.
- 18th National Power Systems Conference (NPSC), IIT Guwahati, Dec 18-20, 2014, attended by Dr. Saurabh Chanana.
- A Short term course on Electric Power Quality: Analysis And Improvement (EPQI-2015) during 21-25 Jan 2015 held at M.N.N.I.T Allahabad, has been attended by Prof. Shashibhushan Singh.
- A Short term course on Simulation Tool For Nanostructure And Device Modeling (Stndm-2015) 21/03/2015 held at N.I.T Kurukshetra, has been attended by Prof. Shashibhushan Singh, Prof. Atmaram Gupta and Prof. Shivam.
- IEEE authorship Workshop titled "How to publish a Technical Paper with IEEE" IIT Delhi 11 August, 2014, attended by Prof. Shivam and Prof. Atmaram Gupta.
- 1st IEEE International Conference on Energy Economics and Environment, Greater Noida, March 26-28, 2015, attended by Prof. Pradeep.
- Two Day Workshop on, "Synchrophasor Application in Power Systems," January 22-23, 2015 at CPRI Bengaluru. attended by Prof. Pradeep.
- IEEE International Conference on "Communication System And Network Technologies (CSNT- 2014)", National Institute of Technical Teacher's Training and Research, Bhopal, (M.P.), INDIA, 07 -09 April, 2014, attended by Prof. Baidyanath Bag.
- India SMART GRID Week 2015, held at Bangalore during 02 march 2015 to 06 march 2015, attended by Prof. Baidyanath Bag and Prof. Sandeep Kakaran.

Civil Engineering Department

Lecture Delivered

Expert lecture on 'Finite Element analysis of Softcore Sandwich Beam and Plate' was delivered in the Short Term Training Programme held at SRES's College of Engineering Kopergao between 26.4.2015 to 30.4.2015.

Seminar/Conference/Workshop/STTP Attended

Attended a STTP on 'Finite Element Methods and Applications in Civil Engineering' at IIT Bombay between May 05-09, 2014.

Electronics & Communication Engineering Department

Workshops/Short term courses attended:

- ‘Cognitive Radio: A new Paradigm in Wireless’ during October 20-22, 2013 at IIT Kanpur (Gaourav Verma, Pankaj Verma, Arvind Kumar, NP Singh, Rajoo Pandey)
- “Management Capacity Enhancement” at IIIM Indore from Oct. 24-30, 2013 (Mohd. Arif)
- “Concepts in Wireless Communication” during December 2-7, 2013 at Birla Institute of Technology, Mesra, Ranch (S.S. Chauhan)
- “Accreditation and Autonomy” at Kanyakumari from Jan. 6-8, 2014 (Arvind Kumar, RK Sharma)
- “Advance Engineering Optimization through Intelligent Techniques (AEOTIT)” at Sardar Vallabhbhai National Institute of Technology (SV NIT), Surat, Gujarat (Arvind Kumar, N.P. Singh, Umesh Ghanekar, Rajoo Pandey)
- “Effective Teaching & Learning Pedagogy” at New Delhi from Feb. 19-21, 2014 (B.J. Singh)
- “Accreditation and Autonomy” at Kanyakumari from Jan. 6-8, 2014 (Umesh Ghanekar, R.K. Sharma)
- “Speech and Audio Processing” at IIIT Hyderabad from Jan. 17-20, 2014 (Mohd. Arif)
- “Effective Teaching & Learning Pedagogy” at Trivandrum from Feb. 5-7, 2014 (Mohd. Arif)
- “Advances in VLSI Signal Processing” at Department of Electronics & Electrical Communication Engineering at Institute of Technology, Kharagpur (Mohd. Arif)
- “Continuing Education Program on NanoScale Science and Engineering: Materials, Electronics, Photonics, Biosensors and Beyond” from June-23-25, 2014 at Indian Institute of Technology, Indore (Gaurav Saini)

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. Vikas Choudhary Chaired a Technical Session at National Seminar on Perspectives in Strategic Management Organized by BAM Khalsa College, Garhshankar on March 03, 2015.
- Dr. Vikas Choudhary acted as an External Expert to Conduct GD and PI for MBA Admissions, 2015 at the Department of Humanities and Management, BR NIT, Jalandhar on June 11, 2015.
- Dr. Rajender Kumar delivered a lecture on "Intellectual Property Rights Concept and Relevance" 22nd Orientation Course organized by the U.G.C. Academic Staff College, Punjabi University, Patiala on 22nd 22-04-2014.
- Dr. Rajender Kumar delivered a lecture on I.P.R. Issues in Research 21st Orientation Course organized by the U.G.C. Academic Staff College, Punjabi University, Patiala on 17-06-2014.
- 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.

Mathematics Department

Research Paper Presented in Conferences

- S. V. Ravi Kanth, "A Numerical approach for solving nonlinear singularly perturbed boundary value problems" International Workshop On Differential Equations And Numerical Analysis at Bishop Heber College on 7th January, 2015.
- P. Ram, Magneto-Viscous Effects on Unsteady Nano-Ferrofluid Flow Influenced by Low Oscillating Magnetic Field in the Presence of Rotating Disk: "12th International Conference on FLUID MECHANICS & AERODYNAMICS (FMA '14)" organized by WSEAS at Geneva, Switzerland during 29-31 Dec., 2014.
- P. Ram, Cosinusoidally Fluctuating Temperature and Mass Diffusivity in Radiating and Reacting MHD Free Convective Fluid Flow Past a Vertical Porous Plate: Proceeding of "International Conference on Modeling and Simulation of Diffusive Processes and Applications" organized by Department of Mathematics BHU at Varanasi (INDIA) during 29-31 Oct., 2014.

Short Term Courses/ Conferences/ Workshops Attended

- Naveen Kumar, Short Term Course on "Mathematical Modelling & Numerical Computation Using Matlab" during Feb. 9-13, 2015 at IIT Roorkee.

- Smita Sonkar, Attended the short term course "Mathematical & Computational Finance with some Engineering Applications" from July 07-11, 2014, Department of Mathematics, IIT Roorkee.
- Smita Sonkar, Participated in the "Advanced Instructional School on Theoretical and Numerical Aspects of Inverse Problems" to be held at TIFR Centre for Applicable Mathematics, Bangalore, India from June 16-28, 2014.
- Amit Prakash, STTP on "Ordinary and Partial Differential equation: Analysis and Applications" organized by Department of Mathematics and Computer Applications, MANIT, Bhopal during May 27-31, (2014).
- Amit Prakash, Advanced workshop on "Finite difference methods for Differential equation" organized by Department of Mathematics, south Asian University, New Delhi during March 13-17, (2015).
- S. V. Ravi Kanth, International Winter Workshop on Differential Equations And Numerical Analysis, Organized by Bishop Heber College, Tiruchirappalli, India during 5th – 7th January, 2015.
- S. V. Ravi Kanth, Advanced Workshop on Finite Difference for Differential Equations, Organized by South Asian University, New Delhi during 13th – 17th March, 2015.

Chemistry Department

Books/ Book Chapters:

Dr. Amilan Jose D. published a Book Chapter on Supramolecular Receptors for the Recognition of Bioanalytes in Discovering the Future of Molecular Sciences, Year 2014, Edited by Bruno Pignataro. Publisher: Wiley-VCH, Weinheim

Conferences/Workshops/Seminars/Short term courses attended:

- Ch. Prabhakar, One day awareness programme on “ National Mission on Education Through Information and Communication Technology” (NMEICT) 2014 September 26. Jointly organized by National Institute of Technology-Kurukshetra and National Institute of Technical Teachers Training & research-Chandigarh, India.
- Ch. Prabhakar, One day awareness programme on “Intellectual Property Rights” (IPR) 2014 October 18. Jointly organized by National Institute of Technology-Kurukshetra, India.
- Ch. Prabhakar, RSC workshop on “Supramolecular molecular chemistry and organic materials symposium” 2014 November 4. Organized by Royal Society of Chemistry at IIT-Delhi, India.
- Ram Kumar Tittal, One day awareness programme on “Intellectual Property Rights” (IPR) 2014 October 18. Jointly organized by National Institute of Technology- Kurukshetra, India.
- Ram Kumar Tittal, RSC workshop on “Supramolecular molecular chemistry and organic materials symposium” 2014 November 4. Organized by Royal Society of Chemistry at IIT-Delhi, India

- M. Senthilkumar, RSC workshop on “Supramolecular molecular chemistry and organic materials symposium” 2014 November 4. Organized by Royal Society of Chemistry at IIT-Delhi, India.
- Avijit Kumar Paul, RSC workshop on “Supramolecular molecular chemistry and organic materials symposium” 2014 November 4. Organized by Royal Society of Chemistry at IIT-Delhi, India.
- J. K. Kapoor, One day awareness programme on “National Mission on Education Through Information and Communication Technology” (NMEICT) 2014 September 26. Jointly organized by National Institute of Technology-Kurukshetra and National Institute of Technical Teachers Training & research-Chandigarh, India.

Workshop organized

- Department organized one National Conference on “Mastering in Molecules and Materials (M³-2014)” during Oct 16-17th 2014.
- Department organized an expert lecture by Dr. Rakesh Ganguly, NTU-Singapore, on the topic “Single crystal X-ray in the Osmium cluster chemistry” during March 19th 2015.

Department of Business Administration

Workshop Coducted:

- 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.

- Three days Faculty Development Programme on Exploring and Analysing Data Using SPSS & AMOS in Bharati Vidyapeeth Institute of Management and Research (BVIMR), New Delhi on Dec 19-21, 2014
- Three days National Workshop on Data Analysis in Empirical Research in Indira Gandhi University, Meerpur, Rewari on Nov 28-30, 2014
- Two days Faculty Development Programme on Research Methods and Data Analysis Tools in Amity University, Manesar, Haryana on Nov 15-16, 2014
- Two day workshop on SPSS Based Applications of Statistical Techniques in Doctoral research in Manav Rachna International University, Faridabad on Sept 20 & 27, 2014
- Two day workshop on Business Research Methodology and Hypothesis Testing in Bhagwan Parshuram Institute of Technology (BPIT) Rohini on Sept 13-14, 2014
- Three day workshop on Structural Equation Modeling in Jammu University, Jammu on Aug 15-17, 2014
- Five day FDP on Research Methodology & Data Analysis Techniques using SPSS in Bhartiya Vidyapeeth University Institute of Management & Research, New Delhi on July 25-29, 2014
- Four day workshop on Structural Equation Modeling in Delhi School of Professional Studies & Research, Rohini, Delhi on July 8-11, 2014
- Two day Workshop on Research Methodology and Statistical Analysis using IBM SPSS in IIS University, Jaipur from July 5-6, 2014
- Three day Workshop on Use of MS-Excel in Research in Bhartiya Vidyapeeth University Institute of Management & Research, New Delhi on June 28-30, 2014
- Two day workshop on Research Methodology in KPB Hinduja College of Commerce Mumbai on Apr 18-20, 2014
- Two day workshop on Analytical Techniques for Research organised by Global Network of Business Researchers from April 12-14, 2014
- Organized a two day National Conference on 'Advances in Management for Business Excellence on 27th – 28th Feb, 2015.
- The edited book on 'Advances in Management for Business Excellence' was published by Manakin Press. The book contains 60 quality research papers.
- A one day Personality Development Programme was organized for MBA students by the department on 5th Feb., 2015. The experts for this programme were invited from Taaleem India, Chandigarh.
- A two day institute industry interface programme was organized on 2nd – 3rd May, 2014.

Workshop/Conference/Course Attended

- Manish Kumar Jha, "Training Programme on Migration and Development Issues and Perspectives" from May 05-08, 2015 at VGNLI Campus, NOIDA
- Manish Kumar Jha, "Special Winter School Course equivalent to Refresher Course" (UGC Sponsored) organized by ASC - BHU, Varanasi during the period December 15, 2014 to January 6, 2015

Computer Engineering Department

A large number of students participate in different activities such as programming contests outside the institute such as Microsoft Imagine Cup, ACM International Collegiate Programming Contest (ACM-ICPC), IBM's. The Great Mind Challenge (TGMC) and have represented the institute up to final rounds of challenge. Students also represent institute in technical paper presentations. Students of the department also perform higher studies at the institutes of higher learning in India and abroad. Students are also offered fellowship at DAAD research program at German Universities.

Department of Computer Applications

Books Published (As Co-author)

- "Discrete Characteristic Probability Distribution Theorem Efficient Web Page Ranking", Scholar Press <https://www.scholarspress.com/catalog/details//store/gb/book/978-3-639-51570-1/discrete-characteristic-probability-distribution-theorem>, (ISBN: 978-3-639-51570-1), Jan 2015.
- "Interdependence between Agents in Multi Agent Systems", Lap Lambert Academic Publishing [https://www.morebooks.de/books/gb/published_by/lap-lambert-academic-publishing/47/products\(ISBN:978-3-659-63220-4\)](https://www.morebooks.de/books/gb/published_by/lap-lambert-academic-publishing/47/products(ISBN:978-3-659-63220-4)), Nov. 2014.

Workshops Conducted

Digital India

Workshops on (a) Website development

(b) Android Applications development

Competitions on following categories:-

(a) Website Development

(b) Android App Development

(c) Digital Art

(d) Poster Presentation

12.3 PUBLICATIONS, PATENTS etc.

MECHANICAL ENGINEERING DEPARTMENT

Papers in International/National Journals

- Katyal, P. and Kumar, P., New central film thickness equation for shear-thinning lubricants in EHL rolling/sliding point contact condition, ASME Trans. Journal of Tribology, 2014, Vol. 136, 041504/1-9.

- Kumar, P. and Kalita, T. J., Transient EHL Film Thickness During Normal Approach Considering Shear-thinning and Linear Piezo-viscous Oils, ASME Trans. Journal of Tribology, 2015, Vol 137, 021504/1-7.
- Kumar, P. and Tewari, P. C., Performance Modeling and Analysis of the Bottling System of a Beverage Industry, The IUP Journal of Mechanical Engineering, 2014, Vol. VII, No. 3, 15-28.
- Kumar, R., Tewari, P. C. and Khanduja, D., Development of Performance Model and Decision Support System for Fabric Dyeing System of a Textile Industry, The IUP Journal of Mechanical Engineering, 2014, Vol. VII, No. 4, 54-66.
- Sandeep, Prakash, U., Tewari, P. C. and Khanduja, D., Analysis of Powder Metallurgy Process Parameters for Relative Density of Low Carbon Alloy Steel using Design of Experiments Tool, Applied Mechanics and Materials, Vol. 592-594, 72-76.
- Singh, R. P., and Singhal S., Rotary Ultrasonic Machining of Advanced Materials: A Review, International Journal For Technological Research in Engineering, 777-785.
- Singh, R., Singhal, S., and Sharma P., Application of AHP in Analysis of Cellular Manufacturing System, International Journal of Scientific Progress & Research, Vol. 08, No.02, 56-61.
- Misra, J. P., Jain, P. K., Dwivedi, D. K., and Mehta, N. K., Prediction of Tribological Performance of Electrochemical Honed Bevel Gears Teeth Profile, International Journal of Surface Science and Engineering, 2015, Vol. 9, No. 1, 26-42.
- Misra, J. P., Jain, P. K., Dwivedi, D. K., and Mehta, N. K., Study of Electrochemical-Mechanical Finishing of Bevel Gears, International Journal of Manufacturing Technology and Management, 2014, Vol. 27, No.4-6, 154-169.
- Misra, J. P., Jain, P. K., Dwivedi, D. K., and Mehta, N. K., A Study of Influence of Electrolyte Composition on ECH of Bevel Gears using Mixture D-Optimal Design, Journal of Mechanical Engineering and Sciences, 2014, Vol. 6, 753-761.
- Kumar, R. and Dewan A, Partially-averaged Navier-Stokes method for turbulent thermal plume, Heat and Mass Transfer, 2015, 1-13.
- Kumar, P., Kumar, R., and Thakur, L., Computational Study of High Velocity Oxygen Fuel Thermal Spray System, Journal of Basic and Applied Engineering Research, 2015, Vol. 2, No. 11, 918-923.
- Rajneesh and Kumar, R., Enhancement in Evaporative Effectiveness of an Evaporative Tubular Heat Dissipator using Design of Experiment Approach, Heat Transfer –Asian Research, 2014, DOI: 10.1002/htj.21157.
- Jain, V., Singh, S. Kachhwaha and Sachdeva, G., Exergy Analysis of Vapour Compression-Absorption Cascaded Refrigeration System using Modified Gouy-Stodola Equation, International Journal of Exergy, 2014, Vol. 15, No. 1, 1-23,
- Hunashikatti, Praveen, T., Suresh, K. R., Prathima, B. and Sachdeva, G., Development of Desalination Unit using Solar Still Coupled with Evacuated Tubes for Domestic Use in Rural Areas, Current Science, 2014, Vol. 107, No. 10, 1683-1693.
- Jain, V., Sachdeva, G. and Kachhwaha, S.S., Performance analysis of a Vapour Compression-Absorption Cascaded Refrigeration System with Undersized

- Evaporator and Condenser, *Journal of Energy in Southern Africa*, 2014, Vol. 25, 23-36.
- Jain, V., Sachdeva, G. and Kachhwaha S.S., Thermodynamic Modelling and Parametric Study of a Low Temperature Vapour Compression-Absorption System Based on Modified Gouy-Stodola Equation, *Energy*, 2014, Vol. 79, 407-418.
 - Jain, V., Sachdeva G. and Kachhwaha S.S., NLP Model Based Thermoeconomic Optimization of Vapor Compression-Absorption Cascaded Refrigeration System, *Energy Conversion & Management*, 2014, Vol. 93, 49-62.
 - Sachdeva, G., Jain, V. and Kachhwaha, S.S., Energy Analysis of a Vapor Compression System Cascaded With Ammonia-Water Absorption System, *International Journal of Air-conditioning and Refrigeration*, 2014, Vol. 22, No.1, 1450007/1-12.
 - Pastor, J., Sachdeva, G. and Bilas, R., Exergy Analysis of a Vapor Absorption Heat Transformer using Modified Guoy-Stodala Equation, *International Journal of Air-conditioning and Refrigeration*, 2014, Vol. 22, No.3, 1450019/1-10.
 - Sachdeva, G., Jain, V. and Kachhwaha, S.S., Performance Study of Cascade Refrigeration System Using Alternative Refrigerants, *International Journal of Mechanical, Industrial Science and Engineering*, 2014 Vol. 8, No.3, 1-7.
 - Goel, T. and Sachdeva, G., Exergy Analysis of Various Absorption Heat Transformer Systems Using Classical and Modified Gouy-Stodola Equation, *International Journal of Air-conditioning and Refrigeration*, 2015, Vol. 23, No.1, 1550006/1-14.
 - Sachdeva, G. and Bilas, R., Thermodynamic Analysis of a Vapor Absorption System Using Modified Gouy-Stodola Equation, *International Journal of Electrical, Computer and Electronics & Communication Engineering*, 2014 Vol. 8, No.12, 1837-1842.
 - Gaur, G. and Singh, H., Application of Taguchi Method in the Optimization of the Cutting Forces in Turning Operation of 20MnCr5 Alloy Steel, *Journal of Material Science and Mechanical Engineering*, 2015, Vol. 2, No. 9, 58-61.
 - Kumar, G. and Singh, H., Optimization of Material Removal Rate during dry Turning EN 354 Alloy Steel Material using Taguchi Methods, *Journal of Material Science and Mechanical Engineering*, 2015, Vol. 2, No. 11, 5-8.
 - Kumar, A., Singh, H. and Maheshwari, H., Flowability of Developed Agglomerated Fluxes during Submerged Arc Welding, *i-manager's Journal on Mechanical Engineering*, 2015, Vol. 5, No. 2, 29-32.
 - Gupta, A., Singh, H. and Walia, R.S., Effect of Fillers on Tensile Strength of Pultruded Glass Fibre Reinforced Polymer Composite, *Indian Journal of Engineering & Materials Sciences (NISCAIR)*, 2015, Vol. 22, 62-70.
 - Kumar, Y. and Singh, H., Multi-response Optimization in Dry Turning Process using Taguchi's Approach and Utility Concept, *Procedia Materials Science (Elsevier)*, 2014, Vol. 5, 2141-2151.
 - Kandpal, B.C., Kumar, J. and Singh, H., Production Technologies of Metal Matrix Composite: A Review, *International Journal of Research in Mechanical Engineering and Technology*, 2014, Vol. 4, No. 2, 27-32.
 - Verma, S. and Singh, H., Optimization of Multiple Responses in Dry Turning

- Process using Taguchi- Grey Relational Analysis, *Applied Mechanics and Materials*, 2014, Vols. 592-594, 620-624.
- Kumar, P. and Singh, H., Optimizing Feed Force in Turning Process using Taguchi's Parameter Design Approach, *Applied Mechanics and Materials*, 2014, Vols. 592-594, 668-672.
 - Nain, S.S., Garg, D. and Kumar, S., A Study on Performance Characteristics in WEDM, *International Journal of Scientific Progress and Research*, 2015, Vol. 8, No. 1, 34-42.
 - Luthra, S., Garg, D. and Haleem, A., An analysis of interactions among critical success factors to implement green supply chain management: An Indian perspective. *Resources Policy*, 2015.
 - Luthra, S., Kumar, S., Garg, D. and Haleem, A., Barriers to renewable/sustainable energy technologies adoption: Indian perspective, *Renewable and Sustainable Energy Reviews*, 2015, Vol. 41, 762-776.
 - Garg, D., Luthra, S. and Haleem, A., An evaluation of drivers in implementing sustainable manufacturing in India: Using DEMATEL approach, *World Academy of Science, Engineering and Technology*, 2014, Vol. 8, No. 12, 3517- 3522.
 - Luthra, S., Garg, D. and Haleem, A., Greening the supply chain using SAP-LAP analysis: A case study of an auto ancillary company in India, *International Journal of Business Excellence*, 2014, Vol. 7, No. 6, 724-746.
 - Luthra, S., Garg, D. and Haleem, A., Empirical Analysis of Green Supply Chain Management Practices in Indian Automobile Industry, *Journal of the Institution of Engineers (India): Series C*, 2014, Vol. 95, No. 2, 119-126 .
 - Luthra, S., Garg, D. and Haleem, A., Critical success factors of green supply chain management for achieving sustainability in Indian automobile industry, *Production Planning & Control*, 2014.
 - Luthra, S., Qadri, M. A., Garg, D. and Haleem, A., Identification of critical success factors to achieve high green supply chain management performances in Indian automobile industry, *International Journal of Logistics Systems and Management*, 2014, Vol. 18, No. 2, 170-199.
 - Luthra, S., Garg, D. and Haleem, A., Green Supply Chain Management: Implementation and Performance- A Literature Review and Some Issues, *Journal of Advances in Management Research*, 2014, Vol. 11, No. 1, 20-46.
 - Garg, D., Luthra, S. and Haleem, A., Ranking of Performance Measures of GSCM towards Sustainability: Using Analytic Hierarchy Process, *International Journal of Social, Human Science and Engineering*, 2014, Vol. 8, No. 3, 123-129.
 - Mishra, O.P., Kumar, V. and Garg, D., Application of ISM Technique for Analysis of the Procurement related Attributes in JIT Supply Chain Management, *International Journal of Procurement Management*, 2014. Vol. 7, No. 4, 473-491.
 - Shukla, R.K., Garg, D. and Agarwal, A., An Integrated Approach of Fuzzy AHP and Fuzzy TOPSIS in Modelling Supply Chain Coordination, *Journal of Production and Manufacturing Research*, 2014, Vol. 2 No. 1.
 - Gupta, V., Garg, D. and Kumar, R., Futuristic Management Trend- Present and Past, *International Journal of Research in Engineering and Applied Sciences*, 2014, Vol. 4, No. 3, 173-182.

- Kumar, S., Luthra, S., Garg, D. and Haleem, A., Drivers of Poka Yoke in Indian Automobile Industry, *Global Sci-Tech.*, 2015, Vol. 7, No. 2, 69-75.
- Chaurasia, B., Agarwal, A., Garg, D. and Narkhade, B.E., Lean Manufacturing: A Framework to Achieve Leanness, *Industrial Engineering Journal*, 2015, Vol. 8, No. 3, 6-9.
- Khatri, A., Dangayach, G.S. and Garg, D., Agile Manufacturing: A Framework for Achieving Agility, *Industrial Engineering Journal*, 2014, Vol. 7, No. 12, 6-9.
- Sharma, A., Garg, D. and Agarwal, A., Study of Quality Parameters in Supply Chain of Different Industries, *Industrial Engineering Journal*, 2014, Vol. 7, No. 3, 9-14.
- Dhingra, S., Dubey, K. K. and Bhushan, G., A Polymath Approach for the Prediction of Transesterification Process Variables of Polanga Biodiesel, *Journal of the American Oil Chemists' Society*, 2014, Vol. 91, No. 4, 641-653.
- Arora, V., Bhushan, G. and Aggarwal, M.L., Fatigue life prediction of leaf springs in automotive vehicles using CAE tools, *International Journal of Computer Aided Engineering and Technology (IJCAET)*, 2014, Vol. 6, No. 3, 271-292.
- Arora, V., Bhushan, G. and Aggarwal, M.L., Effect of assembly stresses on fatigue life of symmetrical 65Si7 leaf springs, *International Scholarly Research Notices*, 2014.
- Kumar, P., Dayak, S.K., Datar, A. M. and Bhushan, G., Analysis of transverse vibration modes of a gun barrel subjected to recoil, *Applied Mechanics and Materials*, 2014, Vol. 592-594, 2011-2015.
- Arora, V., Bhushan, G. and Aggarwal, M.L., Fatigue Life Assessment of 65Si7 Leaf Springs: A Comparative Study, *International Scholarly Research Notices*, 2014.
- Arora, V., Bhushan, G. and Aggarwal, M.L., Static structural CAE analysis of symmetrical 65Si7 leaf springs in automotive vehicles, *Engineering Solid Mechanics*, 2015, Vol. 3, No. 1, 59-74.
- Bhushan, G., Arora, V. and Aggarwal, M.L., A Comparative study of standard, casted and riveted eye design of a mono leaf spring using CAE tools, *International Journal of Mechanical, Aerospace, Industrial and Mechatronics Engineering*, 2015, Vol. 9, No. 1, 70-74.

Papers in Conferences

- Kumar, P. and Kumar, N., Surface Roughness Effects in Pure Sliding EHL Line Contacts With Carreau-type Shear-Thinning Lubricants, *International Conference on Mechanical Engineering and Applied Mechanics-2014*, Toronto, Canada, 16-17 June, 2014.
- Anand, R. S. and Kumar, P., Transient Elastohydrodynamic Lubrication Analysis with time varying Entrainment Velocity using Magnetorheological Fluids, *National Conference on Mathematical Analysis and Computation (NCMAC - 2015)*, MNIT Jaipur, 20-21 February, 2015.
- Kaushik, M. and Kumar, P., On the Role of Smart Lubricants in EHD Lubrication of Rollers under Heavy Loads, *National Conference on Mathematical*

- Analysis and Computation (NCMAC - 2015), MNIT Jaipur, 20-21 February, 2015.
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CIVIL ENGINEERING DEPARTMENT

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- Samreet, Rifat Akbar, Minati Baral, B.K Kanungo presented a poster presentation entitled "Design, Synthesis, and Spectroscopic studies of a polydentate chelator for lanthanide sensitization" organized by NIT, Kurukshetra at Kurukshetra on National conference on Mastering in Molecules and Materials (M³-2014) on 16-17 october, 2014.
- Amit Gupta and Minati Baral Presented a poster presentation entitled "Novel hydroxamate tripodal ligands with glycine spacer: Potential chelators form Fe(III) and Cr(III)" organized by NIT, Kurukshetra at Kurukshetra on National conference on Mastering in Molecules and Materials (M³-2014) on 16-17 october, 2014.
- Kirandeep Kaur and Minati Baral presented a poster presentation entitled "Efficient encapsulation of Fe(III) metal ion by novel preorganised tren-capped analogs of natural siderophore Bacillibactin; Design, synthesis and complexation study" on National conference on Mastering in Molecules and Materials (M³-2014) on 16-17 october, 2014 organized by NIT, Kurukshetra at Kurukshetra.
- Samreet, Rifat Akbar, Minati Baral, B.K Kanungo presented a poster presentation entitled "Preparation of hexadentate tripodal ligand, N,N,N-Tris(8hydroxyquinoline-2-yl)cyclohexane-1,3,5-tricarboxamide: Luminescent behaviour with Eu(III) and Tb(III) Lanthanide ions" organized by Multani Mal Modi College, Patiala on 7th National Conference on Recent Advances in Chemical, Biological and Environmental sciences at Patiala on January 30-31, 2015.
- Samreet, Rifat Akbar, Minati Baral, B.K Kanungo presented a poster presentation entitled "Development of a New Multidentate Chelator for Lanthanide Sensitization" organized by Jamia Hamdard, on National Symposium of Analytical Sciences at Jamia Hansard, New Delhi on 9-10 Feb, 2015.

- Amit Gupta, Minati Baral, B.K.Kanungo presented a oral presentation entitled "Benzene 1,3,5-Tricarbohydroxamic acid (BTHA): A Potential tripodal chelator, synthesis and complexation studies with Trivalent Fe(III),Cr(III),Al(III) and Bivalent Co(II), Cu(II), Zn(II) metal ions organized by Multani Mal Modi College, Patiala on 7th National Conference on Recent Advances in Chemical, Biological and Environmental sciences at Patiala on January 30-31,2015.
- Amit Gupta, Minati Baral, B.K Kanungo presented a poster presentation entitled "A Novel Hydroxamate tripodal ligand: Synthesis, Molecular modeling and coordination Properties investigation towards Fe(III), Cr(III), Al(III)" organized by Jamia Hamdard, on National Symposium of Analytical Sciences at Jamia Hamdard, New Delhi on 9-10 Feb, 2015.
- Amit Gupta and Minati Baral Presented a Oral presentation entitled "Development of a dipodal Schiff base ligand with n-imine and O naphtholate donor: A potential chelator towards copper metal ion established through potentiometric and spectrometric studies" organized by SLIET, Longowal at Longowal on Advance Material and Radiation Physics at Longowal on March, 2015.
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COMPUTER ENGINEERING DEPARTMENT

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HUMANITIES DEPARTMENT

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Papers in International/ National Conferences/Symposia/Seminars

- Choudhary Vikas and Preeti Sehgal Chawla, presented paper at International Conference on Business, Law and Corporate Social Responsibility (ICBLCSR'14), "Performance Evaluation of Mutual Funds: A Study of Selected Diversified Equity Mutual Funds in India" held at Phuket (Thailand) during Oct 1-2, 2014.
- Choudhary Vikas and Kritika, presented paper at HSB 7th Annual National Conference on Business and Management, "Impact of Board Meeting Frequency on Firm Performance: A Study of Selected BSE 500 Companies" held at Guru Jambheshwar University of Science & Technology, Hisar during Feb 12-13, 2015.
- Choudhary Vikas and Preeti Sehgal Chawla presented paper at National Conference on Advances in Management for Business Excellence, "Performance Evaluation of Mutual Funds: A Study of Selected Balanced Equity Mutual Funds in India" held at NIT Kurukshetra during Feb 27-28, 2015.
- Choudhary Vikas and Kritika, presented paper at National Seminar on Strategies for Business Excellence in Global Era, "Impact of Ownership Structure on Firm Performance: A Study of Selected BSE 500 Companies" held at University School of Management, Kurukshetra University Kurukshetra on March 21, 2015.
- 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.

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- Mor Kiran, Sulekha, Presented Paper at National Conference on Advances in Management for Business Excellence, Titled "Market Segmentation Strategies: Need of Modern Marketing for Business Excellence" held at NIT Kurukshetra during Feb 2015.
- Mor Kiran, Sapra Geetu Presented Paper at International Research Conference on Emerging patterns of innovation in businesses: Challenges and Strategies held at Atharva Institute of Management Studies, Bombay during July 2014, titled exploratory tendencies of consumers with special reference to biscuits.
- Mor Kiran, Sulekha Presented Paper at International Research Conference on Emerging patterns of innovation in businesses: Challenges and Strategies held at Atharva Institute of Management Studies, Bombay during July 2014 Titled "Segmenting personal care products: Unlocking innovative business potential".
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- Shahida presented paper at 17 International Conference on Re-Imagining Theory: Towards New Horizons in the Humanities and Social Sciences, "Theosophical Sufism: An Enquiry into Alternative Theories of Religion" held at International Centre, Goa during Dec 21-24, 2014.

Papers in Edited Books

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- Neeraj Kaushik, "Socially Responsive Consumption Behavior: An Indian Perspective"
- Accepted in Social Responsibility Journal (Emerald Group Publishing)
- Neeraj Kaushik, "An Investigation of Service Quality Parameters in Haryana Roadways" Accepted in Apeejay Journal of Management and Technology – Vol 10, Issue 1 (Jan 2015).
- Neeraj Kaushik, "Issues in Higher Education" Published as chapter in book Enhancing the Quality of Higher Education in India-A holistic approach by Archer & Elevator, Bangalore (ISBN: 978-93-83241-85-9)

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Papers in Conferences

- Neeraj Kaushik, "Education Marketing Through Digital Platform"
Presented in National Conference on Advances in Management for Business Excellence organized by Department of Business Administration, National Institute of Technology, Kurukshetra on Feb 27-28, 2015
- Neeraj Kaushik, "Determinant of Consumer's trust in Online shopping"
Presented in National Conference on Management & Information Technology organized by Gitarattan International Business School on Apr 24-25, 2015
Published in book Global Information and Business Strategies (ISBN: 978-93-52125-39-5)

12.4 R & D INCOME & EXPENDITURE

Sr. No.	Name of Scheme & Principal Investigator	Amount available upto 2014-15	Amount utilized upto 31.03.2015	Balance as on 31.03.2015
1.	Centre for Water Resource Development & Management by Prof. KK Singh	1.83	1.50	0.33
2.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. RP Chauhan	15.37	13.17	2.20
3.	Changing Water Cycle by Prof. KK Singh	10.20	9.32	0.88
4.	Distribution System Markets by Prof. Ashwani Kumar	6.27	5.07	1.20
5.	A Computational Approach Singularly Perturbed Differential Difference	3.36	2.88	0.48

	Equations with Delay as well as Advace by Associate Prof. ASV Ravikanth			
6.	Supramolecular Flourscent probes for the selective detection of biological signaling molecule (H2S) and real time assay” by Dr. Amilan Jose Devadoss	15.30	11.98	3.32
7.	Silver Nano- Particle embedded bio- glasses: Electro- Thermal polling and Assessment of their bio compatibility by Dr. C.R. Marriapan	14.50	3.55	10.95
8.	Dye- Sensitized Solar Cells: Giant Improvement in Efficiency using up-conversion by Dr. Ashok Kumar, Asstt. Prof. in Physics Deptt.	12.04	11.40	0.64

**AUDIT REPORT
AND
AUDITED STATEMENT OF ACCOUNTS
FOR THE YEAR 2014-2015**



**NATIONAL INSTITUTE OF TECHNOLOGY,
KURUKSHETRA - 136119**

**AUDIT REPORT
AND
AUDITED STATEMENT OF ACCOUNTS
FOR THE YEAR 2014-2015**

Sr. No.	Particulars	Page No.
1.	Audit Certificate	(i-iv)
2.	Balance Sheet	(1)
3.	Income & Expenditure & Account	(2)
4.	Schedule 1 to 23	(3-26)

AUDIT CERTIFICATE

1. We have audited the attached Balance Sheet of National Institute of Technology, Kurukshetra as on 31st March 2014, 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 mis- statements. 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. Base 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 dealt with by this report have been drawn in the Uniform Format of Accounts approved by Ministry of Finance nor in revised format of accounts prescribed by the Ministry of Human Resource development, Government of India for Central Educational Institutions.
 - 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

A.1.1 Designated/ Earmarked Funds (Schedule-3): ₹ 88.43 crore

Above includes Consultancy income (in the shape of Institute Development Fund) of the Institute generated by way of providing consultancy services, testing of samples and construction material amounting to ₹ 7.35 crore (₹ 6.60 crore earned upto the year 2013-14; and ₹ 0.77 crore earned during the year 2014-15); less ₹ 0.02 crore utilized during the year 2014-15). The consultancy income should have been taken as income instead of liability of the Institute. This has resulted in overstatement of Designated/ Earmarked Funds and understatement of General Fund by ₹ 7.35 crore each, besides understatement of Surplus of the current year by ₹ 0.77 crore.

Despite of being pointed in SAR of previous year, no action has been taken by the Institute.

A.1.2 Capital Fund (Schedule 4)

Main Account: ₹ 123.16 crore

- (i) Govt. of India, Ministry of Human Resource Development (MHRD), assessed the Central Government's share of expenditure in accordance with the pattern of Central Assistance agreed to by the Ministry of Finance and accordingly released to the Institute recurring grant of ₹ 24.00 crore and non- recurring grant of ₹ 3.52 crore, which were fully utilized by the Institute to meet revenue expenditure. However, the Institute has shown income from Grant-in-Aid ₹ 65.69 crore (Schedule 12) corresponding to the amount of expenditure ₹ 65.69 crore (Schedule 15 to 21). Thus, the Institute booked Income ₹ 65.69 crore instead of ₹ 27.52 crore (₹ 24.00 crore plus ₹ 3.52 crore). In view of the funds released by the Ministry based on the assessment towards their share of expenditure, the excess expenditure incurred ₹ 38.17 crore (₹ 65.69 crore minus ₹ 27.52 crore) is considered non- recoverable from the MHRD.

This has resulted in overstatement of General Fund and understatement of Capital Fund by ₹ 38.17 crore.

- (ii) The Institute has shown negative balance of recurring grant ₹ 28.61 crore and non- recurring grant ₹ 0.37 crore, which were included in the Incomes of the previous years in the similar manner as mentioned in point (i) above. This has resulted in overstatement of General funds and understatement of Capital Funds by ₹ 28.98 crore.
- (iii) The Institute has shown negative balance of Non- recurring Grant against Capital Assets to the extent of ₹ 12.86 crore. This represents capital expenditure incurred in excess of grant received from MHRD for creation of Capital Assets and balance is non- recoverable on the grounds already stated in point (i) above. Therefore, excess expenditure were required to be met from the internal funds available with the Institute. This has resulted in understatement of Capital Funds and overstatement of General Funds by ₹ 12.86 crore.

As a result of points (i) and (iii), there was understatement of Capital Fund and overstatement of General Fund by ₹ 80.01 crore. Besides, there was an overstatement of Surplus by ₹ 30.72 crore and understatement of deficit by ₹ 7.45 crore.

B. Income & Expenditure Account

Staff payments & Benefits (Schedule 15): ₹ 50.53 crore

A reference is invited to Significant Accounting Policy (Schedule 22) at Sr. No. 1 wherein it is stated that the financial statement are prepared on the basis of accrual method of accounting except salary. The policy adopted by the Institute in respect of salary is not consistent with the policy adopted in the past. Deviation in the policy has resulted in non-provision for pay and allowances ₹ 2.46 crore for the month of March 2015. Thus expenditure as well as Current Liabilities is understated by ₹ 2.46 crore.

C. General

C.1. Net impact of Audit comments on the Annual Accounts

Net impact of Audit comments on the Annual Accounts of National Institute of Technology, Kurukshetra for the year ending 31 March 2015 is as under:

- i. Liabilities overstated by ₹ 4.89 crore.
- ii. General Fund overstated by ₹ 75.12 crore.
- iii. Capital Fund understated by ₹ 80.01 crore.
- iv. Surplus for the year overstated by ₹ 30.72 crore and deficit understated by ₹ 9.14 crore.

- C.2. The Institute has shown the Institute Development Fund (Consultancy) ₹ 7.35 crore and student fund ₹ 7.72 crore in Designated/ Earmarked Funds (Schedule 3). However, the Institute has neither disclosed any Accounting Policy indicating the purpose of creation, source and utilization of these funds nor the rules and regulations regarding these were shown to audit, in

the absence of which accuracy/ authenticity of these funds could not be verified in audit.

- C.3. Assets created out of Institute Development Fund (Consultancy) have not been disclosed by the Institute in the accounts. The records/ registers maintained in respect of fixed assets created up to 31.03.15, out of Institute Development Fund (Consultancy) Fund have also not been shown to Audit in the absence of which accuracy/ authenticity of the figures of these assets could not be verified in the audit.

C.4. Investment of Employee Provident Fund

The Institute out of total funds of ₹ 55.55 crore in Employee Provident Fund had invested 99 percent in bank deposits (₹ 54.98 crore in Term Deposit Receipts and ₹ 0.57 crore in Saving Bank Accounts) in contravention of the guidelines issued by the Ministry of Finance, Government of India. Similar point was also raised in previous Separate Audit Report but no compliance has been made in this regard.

D. Grant-in-aid

The scrutiny of the utilization certificates (UCs) prepared by the Institute for submission to the Ministry revealed that out of the available funds of ₹ 87.10 crore (Plan- Non Recurring ₹ 34.59 crore and Non Plan- Recurring ₹ 52.51 crore), including Grant in Aid sanctioned during the year ₹ 62.00 crore (Plan- Non Recurring ₹ 38.00 crore and Non Plan- Recurring ₹ 24.00 crore), previous year negative balance of ₹ 3.75 crore (Plan- Non Recurring ₹ 3.41 crore and Non Plan- Recurring ₹ 0.34 crore) and internal income of ₹ 28.85 crore (Non Plan- Recurring), the Institute utilized the sum of ₹ 109.99 crore (Plan- Non Recurring ₹ 50.78 crore and Non Plan- Recurring ₹ 59.21 crore). Thus, expenditure of ₹ 22.89 crore (Plan- Non Recurring ₹ 16.19 crore and Non Plan- Recurring ₹ 6.70 crore) was made in excess of available funds.

Besides, out of available funds of ₹ 5.29 crore of project of Technical Education Quality Improvement Programme (TEQIP) (including unspent balance of previous year ₹ 2.65 crore, grant received during the year ₹ 2.50 crore and internal income of ₹ 0.14 crore), the Institute could utilize a sum of ₹ 1.85 crore leaving an unspent balance of ₹ 3.44 crore.

- v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet and Income & Expenditure 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 us, because of the effects of the observations discussed above in the preceding paragraphs, the financial statements, read together with the Accounting policies and Notes on Accounts and other matters mentioned in Annexure to this Audit Report, do not give a true and fair view in conformity with accounting principles generally accepted in India:
- a. In so far as it relates to the Balance Sheet, of the state of affairs of the National Institute of Technology, Kurukshetra as at 31st March 2015; 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: 06.11.2015

For and on behalf of the C&AG of India

Sd/-
Director General 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 during the year 2014-15. The Internal Audit System is considered adequate and commensurate with size and activities of the Institute except that the Internal Audit Manual has not been formulated by the Institute.

2. Adequacy on Internal Control System

Internal Control System was found to be deficient in the following areas:

- (i) The Institute has not prepared its Accounting Manual;
- (ii) The Institute has also not obtained any security deposits/ fidelity guarantees in respect of employees handling valuables such as cash and stock. Further, there was no plan of rotation of duties of such employees.
- (iii) 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.
- (iv) 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.

3. Physical verification of Fixed Assets

Physical verification of Fixed Assets for the year 2014-15 has been conducted.

4. Physical verification of inventory

Physical verification of inventory the year 2014-15 has been conducted.

5. Regularity in payment of Statutory Dues

As per books of accounts the Institute was regular in depositing statutory dues.

-Sd-
Deputy Director

BALANCE SHEET

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
BALANCE SHEET AS ON 31ST MARCH 2015

₹ in Lacs

SOURCES OF FUNDS	Sch	Current Year					Previous Year
		Main A/c	Scheme	MCA	TEQIP-II A/c	Other A/c	
CORPUS	1	-	-	-	295.92	-	218.40
GENERAL FUND	2	9,988.14	-	1,735.92	-	-	11,724.06
DESIGNATED/EARMARKED FUNDS	3	8,778.99	-	-	-	64.05	8,843.04
CAPITAL FUND	4	12,315.98	114.36	-	350.21	-	12,780.55
LOANS/ BORROWINGS	5						15,190.13
(a) SECURED		-	-	-	-	-	-
(b) UNSECURED		-	-	-	-	-	-
CURRENT LIABILITIES AND PROVISIONS	6	4,715.77	-	0.26	2.08	-	4,718.11
TOTAL		35,798.87	114.36	1,736.18	648.22	64.05	37,063.18
APPLICATION OF FUNDS							
FIXED ASSETS	7						
Tangible Assets		17,261.26	63.03	328.73	295.92	-	17,948.95
Intangible Assets							-
Capital work-in-progress		3,055.26					-
INVESTMENTS	8						
CURRENT ASSETS	9	12,246.62	49.98	1,366.11	245.07	61.78	13,969.56
LOANS , ADVANCES & DEPOSITS	10	3,235.72	1.35	41.33	107.23	2.28	3,387.91
TOTAL		35,798.87	114.36	1,736.18	648.22	64.05	37,063.18
SIGNIFICANT ACCOUNTING POLICIES	22						
NOTES ON ACCOUNTS	23						

Sd/-
Director
National Institute Of Technology,
Kurukshetra

INCOME & EXPENDITURE ACCOUNT

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2015

₹ in Lacs

INCOME	Sch	Current year					Previous Year
		Main	Scheme	MCA	TEQIP-II	Others	Total
Academic Receipts	11	2,216.97	-	188.01	-	-	2,404.98
Grants & Donations	12	6,569.43	23.11	-	107.48	-	6,700.01
Income from Investments	13	-	-	-	-	-	-
Other Incomes	14	2,991.11	13.52	56.24	12.02	0.32	3,073.21
TOTAL (A)		11,777.50	36.62	244.25	119.50	0.32	12,178.20
EXPENDITURE							
Staff Payments & Benefits	15	5,053.47	4.44	19.66	1.87	-	5,079.45
Academic expenses	16	651.64	8.89	-	77.47	0.05	738.05
Administrative & General Expenses	17	714.96	5.82	0.03	25.02	-	745.82
Transportation Expenses	18	12.12	-	-	-	-	12.12
Repairs & Maintenance	19	122.11	1.58	0.05	0.30	-	124.04
Finance Cost	20	2.84	0.00	0.00	0.01	-	2.85
Other Expenses	21	14.38	2.37	0.57	2.81	-	20.13
Depreciation	7	2,133.89	11.25	39.67	-	-	2,184.82
TOTAL (B)		8,705.41	34.36	59.99	107.48	0.05	8,907.28
Balance being excess of Income over Expenditure (A - B)		3,072.10	2.26	184.26	12.02	0.27	3,270.91
Transfer to Designated/Earmarked Fund		211.62	-	-	-	0.27	211.89
Transfer to Capital Fund		-	2.26	-	12.02	-	14.28
Others (Specify)		-	-	-	-	-	-
BALANCE BEING SURPLUS (DEFICIT) CARRIED TO GENERAL FUND		2,860.48	-	184.26	-	-	3,044.74
SIGNIFICANT ACCOUNTING POLICIES	22						
NOTES ON ACCOUNTS	23						

Sd/-
Director
National Institute Of Technology,
Kurukshetra

SCHEDULES

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31ST MARCH 2015

SCHEDULE- 1 CORPUS

₹ in Lacs

Particulars	Current year				Previous Year Total
	Main A/c	MCA A/c	TEQIP-II	Total	
Balance as at the beginning of the year	-	-	218.40	218.40	61.95
Add: Contribution towards Corpus	-	-	77.52	77.52	156.45
Deduct: Asset written off during the year created out of Corpus	-	-	-	-	-
BALANCE AT THE YEAR END	-	-	295.92	295.92	218.40

Sd/-
Director
National Institute Of Technology,
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 2 GENERAL FUND

₹ in Lacs

Particulars	Current year				Previous Year Total
	Main A/c	MCA A/c	TEQIP-II	Total	
Balance as at the beginning of the year	7,127.66	1,551.66	-	8,679.32	6,698.51
Add: Contribution towards General Fund	-	-	-	-	
Add/(Deduct): Balance of net income / (expenditure) transferred from the Income & expenditure Account	2,860.48	184.26		3,044.74	1,980.81
BALANCE AT THE YEAR END	9,988.14	1,735.92	-	11,724.06	8,679.32

Sd/-
Director
National Institute Of Technology,
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 3 DESIGNATED/ EARMARKED FUNDS

₹ in Lacs

	Opening Balance as on 01.04.2014	Additions to the funds	Other Income	Total	Utilization/ Exp. Towards obj. of Fund during the Year				Closing Balances as on 31.03.2015
					Capital Exp.	Revenue Exp.	Refund/ Advance	Total	
(A) MAIN ACCOUNT									
1- Non Recurring Grant from Govt. of India	-	-	-	-	-	-	-	-	-
2- Institute Development Fund (Consultancy)	659.91	76.59	-	736.51	-	1.53	-	1.53	734.97
3- Student Fund	615.09	257.62	-	872.71		100.44	-	100.44	772.26
4- CPF/GPF Account	6,800.81	543.40	211.62	7,555.82	284.08	-	-	284.08	7,271.75
5- Recurring Grant from Govt. of India	-	-	-	-	-	-	-	-	-
Total (A)	8,075.81	877.61	211.62	9,165.04	284.08	101.98	-	386.05	8,778.99
(B) Other Accounts	48.75	16.04	0.27	65.05	1.00	-	-	1.00	64.05
Total (A+B)	8,124.56	893.65	211.89	9,230.09	285.08	101.98	-	387.05	8,843.04

Sd/-
Director
National Institute Of Technology,
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 4 DESIGNATED/ EARMARKED FUNDS

₹ in Lacs

	Opening Balance as on 01.04.2014	Additions to the funds	Other Income	Total	Utilization/ Exp. Towards obj. of Fund during the Year			Closing Balances as on 31.03.2015
					Capital Exp.	Revenue Exp.	Refund/ Advances	
(A) MAIN ACCOUNT								
1- Non Recurring Grant GOI								
(a) Capital Assets	(304.33)	3,447.60	-	3,143.27	1,374.02	-	3,055.26	4,429.28 (1,286.02)
(b) General	(36.88)	352.40	-	315.52	-	648.65	-	648.65 (333.13)
2- Deferred Govt. Grants	18,021.13	4,429.28	-	22,450.42	-	2,133.89	-	2,133.89 20,316.53
3- Recurring Grant (GOI)								
(a) Salary	(667.81)	1,814.88	-	1,147.07	-	5,053.47	-	5,053.47 (3,906.40)
(b) General	(2,192.81)	585.12	-	(1,607.69)	-	867.31	-	867.31 (2,475.00)
Total (A)	14,819.29	10,629.28	-	25,448.57	1,374.02	8,703.31	3,055.26	13,132.60 12,315.98
(B) Scheme Account								
2- Deferred Govt. Grants	35.29	48.80	2.26	86.36	11.92	23.11	-	35.03 51.33
Total (B)	97.65	60.72	2.26	160.64	11.92	34.36	-	46.28 114.36
(C) TEQIP Account - II								
	273.19	250.00	12.02	535.21	77.52	107.48	-	185.00 350.21
Total (A+B+C)	15,190.13	10,940.01	14.28	26,144.42	1,463.46	8,845.15	3,055.26	13,363.88 12,780.55

Sd/-
Director
National Institute Of Technology,
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 6 CURRENT LIABILITIES & PROVISIONS

₹ in Lacs

Particulars	Current Year				Previous Year
	Main A/c	MCA	TEQIP A/c	Total	
A. CURRENT LIABILITIES					
1. Deposits from Staff				-	0.20
2. Deposits from Students	217.83			217.83	185.62
3. Sundry Creditors				-	
a) For Goods & Services	2.08			2.08	
b) Others					
4. Advances Received	485.62			485.62	429.30
5. Interest Accrued but not due on:				-	
a) Secured Loans / Borrowings				-	
b) Unsecured Loans / Borrowings				-	
6. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS):				-	
a) Overdue	58.12			58.12	83.21
b) Others				-	
7. Other Current Liabilities				-	
a) Salaries and Pension payable	87.89			87.89	368.29
b) Receipts against sponsored projects	13.85			13.85	3.51
c) Receipts against sponsored fellowships & scholarships	83.27			83.27	128.22
d) Consultancy	113.48			113.48	86.17
e) Other Liabilities	586.05	0.26		586.31	325.72
8. Deposit from others	96.82	-	2.08	98.90	157.12
TOTAL (A)	1,745.01	0.26	2.08	1,747.36	1,767.35
B. PROVISIONS					
1. For Taxation	22.20			22.20	
2. Gratuity	1,493.36			1,493.36	1,575.06
3. Superannuation / Pension				-	
4. Accumulated Leave Encashment	1,422.61			1,422.61	1,481.25
5. Expenses Payable	32.59			32.59	27.10
6. Others (Specify)				-	
TOTAL (B)	2,970.75	-	-	2,970.75	3,083.41
TOTAL (A+B)	4,715.77	0.26	2.08	4,718.11	4,850.77

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 7 FIXED ASSETS & DEPRICIATION

₹ in Lacs

SCHEDULE 7 - FIXED ASSETS	Opening Balance as on 01.04.2014	Addition on or before 30.9.2014	Addition on or after 1.10.2014	Sales/Adjustment during the year	Total Amount	Rate	Depreciation During the year	Closing Balance as on 31.03.2015
(A) MAIN ACCOUNT								
1- Land Freehold	13.75	-	-	-	13.75	0%	-	13.75
2- Building	15,856.94	25.56	916.42	-	16,798.92	10%	1,634.07	15,164.85
3- Plant, Machinery & Equipments	225.05	-	-	-	225.05	15%	33.76	191.30
4- Vehicle- Bus & Motor Van	20.88	-	-	-	20.88	15%	3.13	17.74
5- Vehicle - Cycle Rickshaw	0.12	-	-	-	0.12	15%	0.02	0.10
6- Furniture & Fixture	377.53	8.41	9.12	-	395.05	10%	39.05	356.00
7- Computer/Peripherals	158.20	79.89	112.36	-	350.45	60%	176.56	173.89
8- Electrical Appliances	1,304.44	42.04	153.49	-	1,499.96	15%	213.48	1,286.48
9- Library Books	33.87	8.14	18.61	0.01	60.61	60%	30.78	29.83
10- Tubewell & Water Supply	30.36	-	-	-	30.36	10%	3.04	27.32
11- Other Fixed Assets	-	-	-	-	-	0%	-	-
TOTAL - (1)	18,021.13	164.03	1,210.01	0.01	19,395.15		2,133.89	17,261.26
13- Capital Work-in-progress		2,533.62	1,438.06		3,971.68			3,971.68
Transfer to Assets			916.42		916.42			916.42
(2) Net Work-in-progress	-	2,533.62	521.64	-	3,055.26			3,055.26
TOTAL (A) = (1+2)	18,021.13	2,697.65	1,731.65	0.01	22,450.42		2,133.89	20,316.53
(B) Scheme								
a) Plant, Machinery & Equipment	54.28	-	10.80	-	65.08	15%	8.95	56.12
b) Computer & Peripheral	1.74	0.50	0.08	-	2.32	60%	1.37	0.95
c) Library Books	0.37	-	0.13	-	0.50	60%	0.26	0.24
d) Electrical Appliances	0.85	-	0.30	-	1.15	15%	0.15	1.00
e) Furniture & Fixture	5.13	0.11	-	-	5.24	10%	0.52	4.72
TOTAL -B	62.36	0.61	11.31	-	74.28		11.25	63.03

(C) TEQIP-II										
a) Computer & Peripheral	32.05	34.63	-	-	-	66.69	-	-	-	66.69
b) Books & LRs	85.27	-	-	-	-	85.27	-	-	-	85.27
c) Plant, Machinery & Equipment	61.06	7.23	35.66	-	-	103.94	-	-	-	103.94
d) Furniture	11.18	-	-	-	-	11.18	-	-	-	-
e) Civil Work	28.85	-	-	-	-	28.85	-	-	-	28.85
TOTAL - C	218.40	41.86	35.66	-	-	295.92	-	-	-	295.92
(D) MCA A/c										
a) Building	348.11	-	-	-	-	348.11	10%	34.81	-	313.30
b) Computer & Peripheral	2.40	-	0.11	-	-	2.51	60%	1.47	-	1.04
c) Electrical Appliances	5.74	-	-	-	-	5.74	15%	0.86	-	4.88
d) Furniture & Fixture	8.75	0.14	0.13	-	-	9.03	10%	0.90	-	8.13
e) Library Books	1.72	0.70	0.60	-	-	3.02	60%	1.63	-	1.39
TOTAL - D	366.73	0.85	0.84	-	-	368.41		39.67		328.73
GRAND TOTAL(A+B+C+D)	18,668.62	2,740.98	1,779.45	0.01	0.01	23,189.03		2,184.82		21,004.21

Sd/-
Director
National Institute Of Technology,
Kurukshehra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 9 CURRENT ASSETS

₹ in Lacs

SCHEDULE 9 - CURRENT ASSETS	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	
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	11.25					1,213.40
b) SBI Saving A/c	56.52	21.98	9.23	38.06	5.11	251.43
c) IDBI Saving A/c	125.11					0.11
d) IDBI TDS Saving A/c	29.51					86.83
e) Term Deposit Accounts	9,108.23	28.00	1,356.89	207.01	56.67	9,713.09
5. Post Office- Saving Accounts						
6. Gratuity Assets	1,493.39	-				1,575.06
7. Accumulated Leave Encashment Assets	1,422.61	-				1,481.25
TOTAL	12,246.62	49.98	1,366.11	245.07	61.78	14,321.18

Sd/-
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NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015
SCHEDULE- 10 LOANS, ADVANCES & DEPOSITS

₹ in Lacs

SCHDULE 10 - LOANS, ADVANCES & DEPOSITS	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL
1. Advances to employees: (Non- interest bearing)						
a) Salary	-	-	-	-	-	-
b) Festival	-	-	-	-	-	-
c) LTC	-	-	-	-	-	-
d) Medical Advance	-	-	-	-	-	-
e) Other (to be specified)	-	-	-	0.48	-	0.48
2. Long Term Advances to employees: (interest bearing)	-	-	-	-	-	-
a) Vehicle Loan	-	-	-	-	-	-
b) Home Loan	-	-	-	-	-	-
c) Othes (CPF)	1,717.25	-	-	-	-	1,717.25
3. Advances and other amounts recoverable in cash or in kind or for value to be received	-	-	0.15	100.35	-	100.50
4. Prepaid Expenses		-	-	-	-	-
a) Insurance	0.06	-	-	-	-	0.06
b) Other expenses	32.50	-	-	-	-	32.50
5. Deposits		-	-	-	-	-
a) Telephone	58.70	-	-	-	-	58.70
b) Lease Rent	-	-	-	-	-	-
c) Electricity	-	-	-	-	-	-
d) AICTE, if applicable	-	-	-	-	-	-
e) MCI, if applicable	-	-	-	-	-	-
f) Others (to be specified)	-	-	-	-	-	-
6. Income Accrued	-	-	-	-	-	-
a) On Investments from Earmarked/ Endowment Funds	-	-	-	-	-	-
b) On Investments- Others	-	-	-	-	-	-
c) On Loans & advances	-	-	-	-	-	-
d) Term Deposit Accounts	727.21	1.35	41.18	6.40	2.28	778.42
						582.66

e) Others (includes income due unrealized- <input type="checkbox"/>	700.00	-	-	-	-	-	-	700.00	-	-
7. Other Receivable	-	-	-	-	-	-	-	-	-	-
a) Debit balances in Sponsored Projects	-	-	-	-	-	-	-	-	-	-
b) Debit balances in Fellowship & Scholarship	-	-	-	-	-	-	-	-	-	-
c) Grant Recoverable	-	-	-	-	-	-	-	-	-	-
d) Other receivables	-	-	-	-	-	-	-	-	-	-
8. Claims Receivables	-	-	-	-	-	-	-	-	-	-
TOTAL	3235.72	1.35	41.33	107.23	2.28	3,387.91	4,073.38			

Sd/-
Director
National Institute Of Technology,
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 11 ACADEMIC RECEIPTS

₹ in Lacs

SCHEDULE 11 - ACADEMIC RECEIPTS	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	
FEE FROM STUDENTS						
Academic		-		-	-	
1. Tuition fee	2,048.10	-	188.01	-	-	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)	2,048.10	-	188.01	-	-	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. Medical fee	-	-	-	-	-	-
4. Transportation fee	-	-	-	-	-	-
5. Institute Development Fee	138.86	-	-	-	-	138.86
TOTAL (C)	138.86	-	-	-	-	138.86
Sale of Publications		-		-	-	
1. Sale of syllabus and Question Papers etc.	-	-	-	-	-	-
2. Sale of prospectus including admission forms	30.01	-	-	-	-	18.03
TOTAL (D)	30.01	-	-	-	-	18.03
GRAND TOTAL (A+B+C+D)	2,216.97	-	188.01	-	-	2,374.97
						1,472.21

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NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 12 GRANTS/ DONATIONS

₹ in Lacs

SCHEDULE 12 - GRANT/DONATIONS	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	
1. Central Government	6,569.43	23.11	-	107.48	-	8,034.25
2. State Government (s)	-	-	-	-	-	-
3. Government Agencies	-	-	-	-	-	-
4. Institutions/ Welfare Bodies	-	-	-	-	-	-
5. International Organizations	-	-	-	-	-	-
6. Others (Recoverable)	-	-	-	-	-	-
TOTAL	6,569.43	23.11	-	107.48	-	8,034.25

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NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 14 OTHER INCOME

₹ in Lacs

Particulars	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	
A. Income from Land & Building						
1. Lease of Land / Khikha	0.01					11.47
2. License Fee	8.80				0.01	4.84
3. Shop etc.	7.57				7.57	5.39
4. Seat Rent	189.04				189.04	184.06
5. Electricity & water charges	0.28				0.28	0.47
Total (A)	205.69	-	-	-	205.69	206.23
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. Interest on Term Deposits						
a) With Scheduled Banks	567.09	2.26	53.92	11.62	0.32	854.39
b) With Non- scheduled Banks						
c) With Institutions						
d) Others						
TOTAL (D)	567.09	2.26	53.92	11.62	0.32	854.39
E. Interest on Saving Accounts						
a) With Scheduled Banks						11.60

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 15 STAFF PAYMENTS

₹ in Lacs

Particulars	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQP-II	OTHERS	
a) Salaries & Wages						
i) Pay & DA of Faculty Staff	2,109.20					1,963.23
ii) Pay & DA of Non-Faculty Staff	778.84					785.25
iii) Leave Salary Contribution	0.14					1.49
iv) Pension	996.29					4,637.13
v) Salary of Contractual Staff	51.39					121.47
vi) Wages For Outsourcing Services	549.93		19.66	1.87		472.17
vii) Salary and Wages MBA	23.51					32.62
b) Allowances & Bonus	154.54	-	-	-	-	136.64
c) Contribution to Provident Fund/NPS	26.30	-	-	-	-	26.78
d) Contribution to other funds (specify)	-	-	-	-	-	-
e) Staff Welfare Expenses	0.94	-	-	-	-	1.29
f) Retirement & Terminal Benefits	210.32	-	-	-	-	141.96
g) LTC Facility	71.17	-	-	-	-	36.74
h) Medical Facility	32.66	-	-	-	-	23.37
i) Children Education Allowance	35.27	-	-	-	-	30.62
j) Honorarium	-	-	-	-	-	-
k)TA/DA expenses	12.51	4.44				28.27
l) Other (Liveries)	0.46	-	-	-	-	1.71
TOTAL	5,053.47	4.44	19.66	1.87	-	8,440.75

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NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 16 ACADEMIC EXPENSES

₹ in Lacs

Particulars	Current Year						Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	GRAND TOTAL	
a) Library Expenses	-	-	-	-	-	-	1.01
b) Field work/ Participation	-	0.48	-	2.23	-	2.70	-
c) Seminar/ Workshop	-	-	-	1.23	-	1.23	-
d) Payment to visiting faculty							-
e) Examination	-	-	-	-	-	-	-
f) Student Welfare Expenses	3.00	-	-	-	-	3.00	2.66
g) Admission Expenses	-	-	-	-	-	-	-
h) Convocation Expenses	-	-	-	-	0.05	0.05	-
i) Publication	-	-	-	-	-	-	-
j) Stipend/ means-cum-merit scholarship	648.65	8.41	-	74.01	-	731.07	636.87
k) Subscription Expenses	-	-	-	-	-	-	-
l) Other (Specify)	-	-	-	-	-	-	-
TOTAL	651.64	8.89	-	77.47	0.05	738.05	640.55

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 2015

SCHEDULE- 17 ADMINISTRATIVE & GENERAL EXPENSES

₹ in Lacs

Particulars	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL
a) Electricity & Power Expenses	289.10					289.10
b) Water Charges						-
c) Insurance	1.33					1.33
d) Rent, Rates & Taxes (including property tax)						-
e) Postage & Telegram	3.48		0.01			3.49
f) Telephone & Internet Charges	38.28		0.00			38.28
g) Printing & Stationery	10.40	0.37	-	-	-	10.78
h) Departmental Operating Cost	20.56	-	-	-	-	20.56
i) Expenses on Seminars/ Workshops	156.48	-	-	24.58	-	181.06
j) Hospitality	13.86					13.86
k) Taxes & Fees (Property etc.)	22.20	-	-	-	-	22.20
l) Professional Charges	12.00	-	-	0.38	-	12.39
m) Advertisement & Publicity	19.17	-	-	-	-	19.17
n) Magazine & Journals	127.89	-	-	-	-	127.89
o) Other (NCC, Other Admin Exp)	0.19	5.45	0.02	0.05	-	5.71
TOTAL	714.96	5.82	0.03	25.02	-	745.82
						561.04

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 2015

SCHEDULE- 18 TRANSPORTATION EXPENSES

₹ in Lacs

Particulars	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	
1. Vehicles (owned by educational institution)						
a) Running Expenses	2.18	-	-	-	-	6.82
b) Repair & Maintenance	9.94	-	-	-	-	9.45
c) Insurance Expenses					-	
2. Vehicles taken on rent or lease						
a) Rent/ Lease Expenses	-	-	-	-	-	
TOTAL	12.12	-	-	-	-	16.28

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 2015

SCHEDULE- 19 REPAIR & MAINTENANCE

₹ in Lacs

	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQP-II	OTHERS	TOTAL
a) Building	58.75	-	-	-	-	58.75
b) Furniture & Fixtures	13.06	-	-	-	-	13.06
c) Plant & Machinery	-	-	-	-	-	-
d) Office Equipments	25.72	1.58	0.05			19.96
e) Cleaning Material & Services	16.97	-	-	-	-	10.79
f) Other (Water Supply & Disposal)	7.60	-	-	0.30	-	7.79
TOTAL	122.11	1.58	0.05	0.30	-	96.69

Sd/-
Director
National Institute Of Technology,
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31ST MARCH 2015

SCHEDULE- 20 FINANCE COST

₹ in Lacs

Particulars	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	
a) Interest on Fixed Loans	-	-	-	-	-	-
b) Interest on other Loans	-	-	-	-	-	-
c) Bank Charges	0.74	0.00	0.00	0.01	-	0.76
d) Other (CPF)	2.10					2.10
TOTAL	2.84	0.00	0.00	0.01	-	2.85

22

SCHEDULE- 21 OTHER EXPENSES

₹ in Lacs

Particulars	Current Year					Previous Year
	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	
a) Provision for Bad & Doubtful Debts and Advances	-	-	-	-	-	-
b) Irrecoverable balances write-off	-	-	-	-	-	-
c) Other (Miscellaneous Expenses)	14.38	2.37	0.57	2.81	-	22.88
TOTAL	14.38	2.37	0.57	2.81	-	22.88

Sd/-
Director
National Institute Of Technology,
Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

SCHEDULE 22

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. The accounting policies adopted in the preparation of the financial statements are consistent with those followed in the previous year except Salary.

2. REVENUE RECOGNITION:

» All income arising from various segments is recognized on Accrual basis of Accounting.

3. EMPLOYEE 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 Written down Value Method at the following rates defined under Income Tax Act, 1961. 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.

Buildings, Furniture & Fixtures and Tube wells & Water Supply	10%
Plant, Machinery & Equipment's, Electrical appliances and Vehicle	15%
Computer & Peripherals and Library Books	60%

ii) 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:

Inventories comprising of consumables, paper, publications and study material are valued at lower of cost or net realizable value.

6. LOAN AND ADVANCES:

These are classified as current assets. For more details on loans and advances, refer Schedule No. 10.

7. 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.

8. GOVT. GRANTS/SUBSIDIES:

- » Plan Grant has given treatment as per AS-12, by crediting the same as deferred government grant using Additive Approach Method placed under Liabilities, refer Schedule No. 4.
- » Non-plan grant has given treatment as per AS-12 (i.e. Accounting for Government Grants) and fully utilized during the year.

9. PRIOR PERIOD ADJUSTMENTS:

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

10. 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 23

NOTES FORMING PART OF THE ACCOUNTS

1. CONTINGENT LIABILITIES AND COMMITMENTS:

(₹ in Lakhs)

31.03.15 31.03.14

45.00 Nil

i) Claims against the National institute of Technology not acknowledged as debate

2.1 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.

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

2.3 Capital Work in Progress includes capital advances.

2.4 All the figures rounded off to nearest thousands.

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