ANNUAL REPORT 2013-2014



NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA - 136 119

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FOREWORD

I am indeed very happy to present the Annual Report of National Institute of Technology, Kurukshetra (Haryana) for the year 2013-14. The performance of the Institute during the year has been elucidated in this Report along with the progress and achievements 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 and was established in 1963 as a joint and cooperative enterprise of Govt. of India and State Government of Haryana for imparting technical training to 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 Industrial Engineering & Management 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, Instrumentation, Nano-technology, Business Administration (MBA) and Computer Applications (MCA). Facilities are also available in the Institute for research leading to 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 4571. The Institute has 190 faculty in various disciplines and 212 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. 280.97 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 trying 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 Toledeo for enhancing efficiency in academic curriculum and providing software training to the students.

Institute Library is well equipped with the latest books and national and international journals. A total number of 147040 books are available in the Library, besides 4500+ 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. 15.00 crores and Rs. 44.00 crores under Plan and Non-Plan scheme respectively during financial year 2013-14. A sum of Rs. 18.41 crores and Rs. 72.61 crores has been spent under various heads of recurring and non-recurring expenditure during the financial year under report. The Institute made a 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.

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 Undergraduate, 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, semigovernment 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 educat ion and demand driven R&D and innovation. The project duration is four years (2010-2014).
- 2. The construction of 20 nos. Professor & 20 nos. Associate Prof. multi-storeyed staff houses has been completed.
- 3. The construction of Swimming Pool has been completed.
- 4. 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.

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 Postgraduate 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 Resouce 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.

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 2013-14:-

ODD SEMESTER

1.	Registration	With lete fee: 17th July to 24th July 2013
		With late fee of Rs. 500/-: 25th July to 27th July 2013
		Late registration will be allowed with the permission of Dean (Academic)/Director.
2.	Commencement of classes	27th July 2013
3.	Term Exams-I	29th August 2013 to 31st August 2013
4.	Term Exams-I (MBA & MCA)	5th September 2013 to 7th September 2013
5.	Mid-semester Vacation	16th September 2013 to 20th September 2013
6.	Term Exams-II	10th October 2013 to 12th October 2013
7.	Teaching closes	8th November 2013
8.	End semester Exams. begin	18th November 2013
9.	Winter Vacation	9th December 2013 to 20th December 2013
10	Declaration of Result	With first three weeks of the beginning of the next semester

EVEN SEMESTER

1.	Registration (on prescribed proforma either in person or online)	Without late fee: 6 th Jan. 2014 to 10 th Jan. 2014 With late fee of Rs. 500/-: 11 th Jan. 2014 to 24 th Jan. 2014 After 24 th Jan. registration shall be allowed after the approval of the Dean (Academic)/Director.
2.	Commencement of classes	7th January 2014
3.	Class Test -1	20th February 2014 to 22nd February 2014
4.	Mid-Semester Break	10th March 2014 to 14th March 2014
5.	Class Test - 2	17th April 2014 to 19th April 2014
6.	Teaching Closes	9th May 2014
7.	Practical Examination begins	16th May 2014
8.	End Semester Exam. begins	26th May 2014
9.	End Semester Exam. end	16th June 2014
10.	Summer Vacation	2 nd June 2014 to 11 th July 2014
11.	Commencemnent of classes for Odd Semester	28th July 2014

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	418
2.	MBA	-do-	2 years	92
3.	MCA	-do-	3 years	92
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. 8000/- 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 4571 students in all Undergraduate and Postgraduate courses in the Institute as on 31.3.2014.

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 = C1xG1/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
Α	Very Good	09
В	Good	08
C	Average	06
D	Pass	04
É	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.	46	86
Information Technology	40	77
Electronics & Comm. Engg.	29	110
Mechanical Engg.	36	92
Electrical Engg.	26	76
Civil Engg.	21	84
Production & Industrial Engg.	21	51
MCA	16	38
M.Tech.	22	94
MBA	2	62

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 31.3.2014

Summary of Faculty

Sr. No.	Name of the Post	Sanctioned	In Position	Vacant
1.	Professor	43	69	(-)26
2.	Associate Professor	85	24	61
3.	Assistant Professor	170	97	73
1	Sub Total (A)	298	190	108

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	i- 1	01
12	Sr. Technical Officer	04	02	02
13	Technical Officer	06	04	02
14	Executive Engineer	01	-	01
	Sub Total (B)	30	18	12
	nical Staff (Lower)	ALIEN IN		
1	Technician	33	09	24
2	Sr. Technician	24	10	14
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	14	(-)05
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	52	37
(High			· · ·	
1	Tech. Assistant	29	- 10	29
2	Sr. Tech. Asstt.	22	18	04
3	Tech. Asstt. SG-II	14	06 (01 Pharmacist, 01 Staff Nurse)	08
.4	Tech. Asstt. SG-I	07	03 (01 Pharmacist)	04
5	Lib & Info. Assistant	02	-	02
6	Sr. Lib & Info. Asstt.	02	-	02
7	Lib & Info. Asstt. SGII	01	-	01
8	Lib & Info. Asstt SGI	01		01
9	Junior Engineer	04	-	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	80	98
Adm	inistrative 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	06	02
6	Steno SG II	02	02	
7	Assistant SG I	05	09	(-)04
8	Steno SG I	01		01
	Total	51	26	25
(High	ner)			
1	Superintendent	03	(.	03
2	Accountant	04		04
3	Secretary	03	-	03
4	Sr. Superintendent	03	08	(-)05
5	Sr. Accountant	02	04	(-)02
6	Sr. Secretary	02	01	01
7	Superintendent SG II	02	05	(-)03
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	26	(-)02
Sub	Total (D)(Lower + Higher)	75	52	23
Sup	porting Staff			
1	Attendant/ Security	18	16	02
1	Guard/Mali/Caretaker	10	10	02
2	Sr. Attendant/ Security	14	20	(-)06
4	Guard/Mali/ Caretaker			()
	Attendant/ Security	00	14	()05
3	Guard/Mali/ Caretaker	09	14	(-)05
	SG-II Attendant/ Security			
4	Guard/Mali/ Caretaker	04	12	(-)08
т	SG-I	30,	20	()30
	Sub Total (E)	45	62	(-)17
	rand Total (A+B+C+D+E)	626	402	224

Summary (Overall)

Sr. No. Cadre		Sanctioned	In Position	Vacant		
1.	Professor	43	69	(-)26		
2.	Associate Professor	Associate Professor 85 24				
3.	Assistant Professor	170	97	73		
	Sub Total (A)	298	190	108		
1.	Officer	30	18	12		
2.	Technical Staff	178	69 24 97 190	98		
3.	Administrative Staff	75		23		
4.	Supporting Staff	45	62	(-)17		
	Sub Total (B)	328	212	116		
Grand Total (A+B)		626	402	224		

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. 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.
- 4. 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.
- 5. 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
- 6. 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.
- 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.
- 8. 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.
- 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. Further, signing of MoU with the Binghamton University, New York and the University of Sunderland, UK is under process.

- 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.

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. A.K. Gupta

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 Dr. Gaurav Kaushal MBBS (Barhampur University) 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).

Dr. Rajinder Kumar

Chief Warden (Girls)

Dr. (Mrs.) Minati Baral

Deputy Chief Wardens

Sh. V.P. Singh & Dr. D.P.Singh

Controller of Examinations

Dr. S.M.Gupta

Chief Vigilance Officer

Dr. Subodh Ranjan

President Sports

Dr. P.C. Tiwari & Dr. 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. D.K. Soni

Professors

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

Associate Professors

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

Assistant Professors

Dr. Yogesh Aggarwal

Dr. Chalak Hanuman Devidas

Sh. Nipen Kumar Das

Sh. Ajay Krishan

Ph.D. (NIT, Kurukshetra)

Ph.D. (IIT, Roorkee)

M.Tech. (IIT, Kharagpur)

M.Tech.

DEPARTMENT OF COMPUTER ENGINEERING & INFORMATION TECHNOLOGY

Head of Department

Dr. J.K. Chhabra

Professors

Dr. A.K. Singh

Dr. Mayank Dave

Dr. J.K. Chhabra

Dr. S.K. Jain

Ph.D. (Jadavpur University, Kolkata)

Ph.D. (IIT, Roorkee)

Ph.D. (GGSIPU, Delhi)

Ph.D. (MNIT, Allahabad)

Associate Professors

Dr. R.K. Aggarwal

Dr. R.M. Sharma

Ph.D. (NIT, Kurukshetra)

Ph.D. (Kurukshetra University)

Assistant Professors

Ms. Priyanka Ahlawat

Sh. Mohit Dua

Ms. Ritu Garg

Sh. Virender Ranga

Dr. Brij Bhooshan Gupta

Dr. Mantosh Biswas

Sh. Vikram Singh

Sh. Gyanendra Kumar Verma

Sh. Manendra Kumar Murmu

Sh. Santosh Kumar

Ms. Bharti Sinha

Sh. Anoop Kumar Patel

Sh. Syed Taqi Ali

Sh. Kriti Bhushan

Sh. Ankit Kumar Jain

Sh. Chandra Bhim Bhan Singh

Sh. Vijay Verma

M.Tech. (GJU, Hisar)

M.Tech. (NIT, Kurukshetra)

M.Tech. (Kurukshetra University)

M.Tech. (GJU, Hisar)

Ph.D. (IIT, Roorkee)

Ph.D. (ISM, Dhanbad)

M.Tech. (JNU, Delhi)

M.Tech. (IIIT, Allahabad)

M.Tech. (ISM, Dhanbad)

M.Tech. (NIT, Jalandhar)

M.Tech. (NIT, Rourkela)

M.Tech. (NIT, Allahabad)

M.Tech. (NIT, Suratkal)

M.Tech. (NIT, Rourkela)

M.Tech. (IIIT Allahabad) M.Tech. (IIIT Allahabad)

M.Tech. (IIT Roorkee)

DEPARTMENT OF ELECTRICAL ENGINEERING

Head of Department

Dr. R.S. Bhatia

Professors

Ph.D. (IIT, Delhi) Dr. A. Swarup Ph.D. (Kurukshetra University) 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. Pahuia Ph.D. (Kurukshetra University) Dr.(Ms.) Ratna Dahiya Dr. L.M. Saini Ph.D. (Kurukshetra University) Ph.D. (IIT, Kanpur) Dr. Ashwani Kumar Ph.D. (NIT, Kurukshetra) Dr. (Ms.) Jyoti Ohri Ph.D. (Kurukshetra University) Dr. J.S. Lather Ph.D. (NIT, Kurukshetra) Dr. Sathans Ph.D. (NIT, Kurukshetra) Dr. Yash Pal

Associate Professors

Sh. C.P. Bansal

Ms. Sunita Chauhan

Ms. Rupanshi Batra

Dr. (Ms) Monika Mittal

Sh. K.K. Sharma

Dr. Saurabh Chanana

Dr. (Ms) Shelly Vadhera

B.Sc. Engg. (Kurukshetra University)

M.Tech. (Kurukshetra University)

Ph.D. (NIT, Kurukshetra)

M.Tech. (IIT, BHU)

Ph.D. (NIT, Kurukshetra)

Ph.D. (NIT, Kurukshetra)

Assistant Professors

Ph.D. (NIT, Kurukshetra) Dr. Dheeraj Joshi (on leave) Dr. A.K. Dahiya Ph.D. (NIT, Kurukshetra) Ph.D. (MNNIT, Allahabad) Dr. Bhanu Pratap Sh. Prof. Atma Ram Gupta M.Tech. (NIT, Durgapur) Sh. Modi Pandu Ranga Prasad M.Tech. (NIT, Calicut) M.Tech. (PEC Univ. of Tech. Chd.) Sh. Aeidapu Mahesh M.Tech. (PEC Univ. of Tech. Chd.) Sh. Sandeep Kakran M.Tech. (MNNIT, Allahabad) Sh. Rahul Sharma M.Tech. (DCE, Delhi) Sh. Shashi Bhushan Singh M.Tech. (MNNIT, Allahabad) Sh. Pradeep Kumar Sh. Kiran Kumar Jaladi M.Tech. (College of Engg., Pune) M.Tech. (NIT, Warangal) Sh. Shivam M.Tech. (NIT, Jamshedpur) Sh. Amit Kumar

Sh. Baidyanath Bag
Sh. Giribabu Dyanamina
Sh. Jayaram Nakka
M.Tech. (IIT, Roorkee)
M.Tech. (IIT, Roorkee)
M.Tech. (IIT, Roorkee)
M.Tech. (NIT, Rourkela)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

Head of Department

Dr. Umesh Ghanekar

Professors

Dr. A.K. Gupta
Ph.D. (IIT, Kanpur)
Ph.D. (GGSIPU, Delhi)
Ph.D. (Kurukshetra University)
Ph.D. (Kurukshetra University)
Ph.D. (Kurukshetra University)
Ph.D. (NIT, Kurukshetra)
Ph.D. (IIT, Roorkee)

Associate Professors

Sh. 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. Sudakar Singh Chauhan

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

M.Tech. (NIT, Hamirpur)

DEPARTMENT OF MECHANICAL ENGINEERING & PRODUCTION & INDUSTRIAL ENGINEERING

Head of Department

Dr. Sudhir Kumar

Professors

Ph.D. (Kurukshetra University) 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 Dr. Dinesh Khanduja Ph.D. (Kurukshetra University) 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

Associate Professors

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

Assistant Professors

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

Sh. VS Nagendra Reddy

Sh. Chandrashekara M

M.Tech. (IIT, Kanpur)

M.Tech. (Bangalore University)

DEPARTMENT OF PHYSICS

Head of the Department

Dr. J.K. Quamara

Professors

Dr. J.K. Quamara

Dr. Ashavani Kumar Dr. (Ms) Neena Jaggi Ph.D. (MANIT, Bhopal)

Ph.D. (Aligarh Muslim University) Ph.D. (Kurukshetra University)

Associate Professor

Dr. Rishipal Chauhan

Ph.D. (Kurukshetra University)

Assistant Professor

Dr. Anurag Gaur

Dr. Ashok Kumar

Dr. C.R. Mariappan Dr. Y. Dwivedi

Dr. Awnish Kumar Tripathi

Dr. Ram Sevak Singh

Sh. Parkash Chand

Ph.D. (IIT, Roorkee)

Ph.D. (IIT, Kanpur)

Ph.D. (Pondicherry University)
Ph.D. (Banaras Hindu University)

Di D (III)

Ph.D. (IIT, Kanpur)

Ph.D. (National Univ. of Singapore)
M.Sc. (Kurukshetra University)

DEPARTMENT OF CHEMISTRY

Head of Department

Dr. (Ms.) Minati Baral

Professor

Dr. (Ms.) Minati Baral

Dr. Dinesh Kumar

Dr. D.P. Singh

Ph.D. (Sambalpur University)

Ph.D. (Kurukshetra University)

Ph.D. (Meerut University)

Associate Professor

Dr. J.K. Kapoor

Ph.D. (Kurukshetra University)

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
Dr. Vikas Chaudhary
Dr. (Kurukshetra University)
Ph.D. (CCS University, Meerut)
Ph.D. (Kurukshetra University)

Assistant Professors

Dr. Ashwani
Dr. Geeta Sachdeva
Ph.D. (GJU of Sci. & Tech. Hisar)
Ph.D. (Kurukshetra University)
Ph.D. (GND Univ. Punjab)
Ph.D. (NIT, Rourkela)

DEPARTMENT OF MATHEMATICS

Head of Department

Dr. Paras Ram

Professor

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

Associate Professor

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

Assistant Professor

Dr. (Ms.) Saraswati Yadav

Dr. Amit Prakash

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

Ph.D. (Gorakhpur Univ., Gorakhpur)

Ph.D. (UT. Poorkee)

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	
Sr. Technician	24

	Technician SG-II	15	
	Technician SG-I	09	
	Lib. Assistant	03	
	Sr. Lib. Assistant	03.	
	Lib. Assistant SG-II	02	
	Higher	20	
	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 01	
	Lib. & Info. Assistant SG-I	01	
	Jr. Engineer	02	
	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	
A .d	ninistrative & Ministerial Staff		
Adn	ninistrative & Ministerial Starr		
	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	
		<i>E</i>	

	Secretary SG-I	01
		75
Supporti	ng 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;
- b) To write text books, standard works and other literature;
- 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>	No. of seats
Civil Engineering	140
Electrical Engineering	140
Mechanical Engineering	138
Electronics & Communication Engineerin	g 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-2013 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	-	-	-	- 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

	GRAND TOTAL	182	97	57	29	6	4	2	1	378
School of Renewable Energy & Efficiency	Renewable Energy Systems	9	5	3	2	1	1,	-		20
& Embedded System	Embedded System Design	9	5	3	2	-	-0: (0)	1	-	20
School of VLSI Design	VLSI Design	14	8	3	4	2	. 1	-	-	32
Computer Engg.	Computer Engg.	13	7	3	1	-	1		-	25
	Thermal Engineering	11	6	2	3	-	1	-	1	24
	Machine Design	10	- 5	4	1	- '		2	-	20
Mechanical Engg.	Industrial & Production Engg.	10	5	4	1	-	-	2 -	-	20
	Nanotechnology	9	6	2	2	1	-	-	-	20
Physics	Instrumentation	10	5	3	2	-	-	-		20
Electronics & Comm. Engg.	Electronics & Comm. Engg.	12	6	4	2		#10	-11	-	24
	Power Electronics & Drives	10	5	3	1	1,	-	-	-	20
Engineering	Control System	10	5	4	1	-	-	-	-	20

The duration of each course is four semesters for regular students and five semesters for part-time students.

The Insitute made admissions directly in the academic session in the academic session 2012-13 on (i) sponsored seats and (ii) seats available under TEQIP-II project. In addition direct admissions were also made for two new M.Tech. programmes. The number of seats available in each category for admission through this mode are given below:

(i) Sponsored seats:

Department/School	Programme	Sponsored	Total
Civil Engineering	Soil Mechanics & Foundation Engg.	5	5
	Structural Engg.	5	5
	Water Resources Engg.	5	5
	Transportation Engg.	5	5
	Environmental Engg.	5	5
Electrical Engineering	Power System	5	5
	Control System	5	5
we consumate approxit artists	Power Electronics & Drives	5	5
Electronics & Comm. Engg.	Electronics & Comm. Engg.	5	5
Mechanical Engg.	Industrial & Production Engg.	5	5 .
	Machine Design	. 5	5
	Thermal Engineering	5	5
Physics	Instrumentation	5	5
	Nanotechnology	5	5
Computer Engg.	Computer Engg.	5	5

School of VLSI Design &	VLSI Design	5	5
Embedded System	Embedded System Design	5	5
School of Renewable Energy & Efficiency	Renewable Energy Systems	5	5
School of Biomedical Engg.		5	5
School of Material Science and Nanotechnology		5	5
20	Total	100	100

(ii) New M.Tech. Programmes:

Deptt./School			No	. of sea	its				Programme
	Open	SC	ST	OBC	OP PwD	SC PwD	ST PwD	Total	
School of Biomedical Engg.	9	3	2	5	1		H	20	Biomedical Engg.
School of Material Science & Nano technology	9	3	2	5	1		-	20	Material Science & Nanotechnology
Total	18	6	4	10	2		-	40	

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	652	154	806
II	697	86	783
III	686	91	777
IV	652	130	782

M.TECH. DEGREE COURSES

	Year	Boys	Girls	Total
Civil	I	72	10	82
	II	69	15	84
Electrical	I	53	5	58
	II	58	13	71
Electronics	I	13	9	22
	II	24	3	27
Mechanical	I	63	2	65
	II	65	7	72
Physics	I	13	7	20
	II	25	8	33
0	I	18	5	23
Computer	II	16	6	22
School of VLSI	I	47	3	50

Design & Embedded	II	42	5	47
system	1			

School of Renewal Energy &	I	14	1	15
Efficiency	II	11	3	14
School of Biomedical Engg.		5	5	10
School of Material Science & Nanotechnology		9	1	10

MBA and MCA DEGREE COURSES

X	Year	Boys	Girls	Total
7.577.4	I	33	24	57
MBA	II	47	20	67
	I	51	32	83
MCA	II	57	25	82
	III	49	: 36	85

Ph.D DEGREE COURSE

	Boys	Girls	Total
Ph.D.	248	76	324

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

UNDERGRADUATE COURSES

Details of candidates admitted to B.Tech. courses in 2013-2014:-

B. Tech.			300	FEMALE	E)		5		FEMALE					MALE	192					1202	MALE Total	Grand Total
Category	DASA	ICCR	MEA		Начо	OP	sc	ST		DASA	ICCR	MEA	OBC	овсьн	OP	OP PH	SC	SC	ST	ST PH		
Civil Engg.				н		7	7	4	14	1	64	1	34	1	57		18	**	9	Ž	121	135
Computer Engg.	1		Į.	7	1	70	4	4	37	ເດ		Н	17	G	21	Н	6		61		26	93
Electrical Engg.			1	4		12	н	01	23		2		34	1	47	64	20	н	00		115	138
Electronics & Comm. Engg.	1		1	ø		19	9	4	37	1	H	Į.	29	64	40	н	13		ო		90	127
Production & Industrial Engg.	V			64		9	н	1	10				22		9	н	10		4		77	87
Information Technology				9	1	14	ເດ	4	30				18		22	- 1	0		64		22	85
Mechanical Engg.	1						1	1	3	00	1	64	36	1	9	(1)	18		10		138	141
Grand Total	60		4	36	64	81	20	20	154	15	9	4	190	ın	290	00	97	0	35		652	808

Grand Total 776+30 *ICCR/MEA/DASA = 806

POSTGRADUATE COURSESDetails of sanctioned intake and candidates admitted to M.Tech. courses in 2013-2014:-

Branch	Programme	÷ .		Female	ale		- 1	F				Male		**	18		M Total	Grand
		ICCR	OBC	OP	SC	ST	Spon.		DASA	ICCR	OBC	OP	PH	SC	ST	Spon.		
	C (Envir.)		1	64		-		9			ıo	ıo			1		11	_
	C (S.M.F).					E	7.				7	7		ю	1		18	
Civil Engg.	C (Strut.)		1	1				61	×		ıo	7		64	1	1	16	
	C (Trans.)		1	1				7			4	9		4	н		12	
	C (W.R)		1	2				က			4	ıs		e			12	_
Computer Engg.	Computer		61	က	÷			ro			ıo	7		m		e	18	
	E (C.S.)	110				T.				ta .	ro.	9		ıs	п		17	
Electrical Engg.	E (P.E.D.)		1	77				8			4	9		ю	1	-	15	_
	E (P.S.)			1		1		61			9	11		m	-		21	
Electronics & Comm. Engg	ECE	2 4	4	61	61	1	4,5	6			ıo	4		н		m	13	
Mentioniani	M (M.D.)		1		(4)						ıo	10		4	1		8	
Engg.	M (I &P)			1				1			7	6		4	1		21	
	M (Thermal)					1		1			9	13		67	1		22	
Physics	Ph (N.T.)		1	ဗ		1	1	ß				1					1	
2000	Ph (Inst.)		1	1				77			4	7		-	T		12	
School of VLSI Design &	VLSI Design			64				61		10	0	12		m	4	64	30	IBI
System	E. S.D.			1				1			7	v		4			17	
Renewal Energy & Efficiency	8.3.4	3			H			p=4			63	0		64	н		4	
School of Biomedical Engg.	Biomedical Engg.			· m	Ħ		н	ıo			H	4					ıo	
School of Material Science & Nanotechnology	Material Science and Nanotechnology			. +				H			н	7		-			o	
	Grand Total		13	26	4	m	64	48			92	142		60	in	10	307	c,

4.4 STUDENTS' TOTAL STRENGTH

B.Tech. Degree Cours	se	
Ist Semester	=	806
IIIrd Semester	=	783
Vth Semester	=	777
VIIth Semester	=	782
M.Tech. Degree Cour	se	
Ist Semester	=	355
IIIrd Semester	=	370
MBA Degree Course		
Ist Semester	=	57
IIIrd Semester	=	67
MCA Degree Course	es ^r	
Ist Semester	=	83
IIIrd Semester	=	82
Vth Semester	=	85
Ph.D Degree Course	-	324
Total	-	4571

Table 1 shows yearwise breakup of students' statistics for B.Tech. programme.

Class/Course		Total Enrolment		Scheduled Castes Enrolment		Scheduled Tribes Enrolment		Backward Class Enrolment(OBC)					
19		Boys	Girl s	Total	Boy	Girl s	Total	Boy s	Girl s	Total	Boy s	Girl s	Total
-	1	2	3	4	5	6	7	8	9.	10	11	12	13
B.Tech		7		*					2				
2010	Com	77	17	94	12	03	15	05	02	07	21	03	24
	EC	108	33	141	15	05	20	07	03	10	27	11	38
	M	141	-	141	20	-	20	10	-	10	37	-	37
	E	118	20	138	19	02	21	08	02	10	36	02	38
	C	125	14	139	18	02	20	08	02	10	37	01	38
	IT	57	14	71	13	01	14	05	02	07	17	07	24
	IEM	57	14	71	13	01	14	05	01	06	19	04	23
2011	Com	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	A 18	11	37		37
	E	121	11	132	18	2	20	7	3	10	34	2	36
-	С	128	4	132	19	1	20	9	- 2	11	38	-	38
THE RESERVE	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	Com	72	- 16	88	14	1	15	4	2	6	20	5	25
74	EC	113	21	134	14	3	17	9	1	10	31	6	37
	M	131	-	. 131	19	15.0	19	10	-	11	38	-	38
	E	. 108	21	129	16	5	21	6	9	10	35	. 8	38
	С	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	Com	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
77.53	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
24.2	P & I.	77	10	87	10	1	11	4	1	. 5	22	2	24

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 Scholarship 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. 8000/- p.m. per student is awarded to all eligible students pursuing a regular course of study of M.Tech. Only those candidates who have qualified the GATE examination are eligible for the award of scholarships.

4.7 GAMES AND SPORTS

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

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

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

Intitute'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	85	72	Renu Rani 109430	9.7743
Civil	125	95	Rahul Kumar 109702	9.6149
Electronics	139	104	Komal Gupta 109122	9.4270
Electrical	122	102	Deependra Marwar 109816	9.8264
Mechanical	130	92	Gopal Sharma 109267	9.7832
IEM	30	22	Amit Goel 109880	9.2860
IT	61	51	Kanika Gupta 109415	9.6897
Total	692	438		

POSTGRADUATE COURSES

M.Tech.	No. of Students Passed
Computer Engg.	26
Electronics & Comm. Engg.	19
Electronics & Comm. Engg. (VLSI Design)	14
Mechanical Engg. (Thermal)	18
Mechanical Engg. (I & P)	20
Mechanical Engg. (Machine Design)	20
Electrical Engg. (Power System)	20
Electrical Engg. (Control System)	15
Electrical Engg. (PED)	20

07
10
09
08
06
17
16
245
35
86

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.	46	86
Information Technology	40	77
Electronics & Comm. Engg.	29	110
Mechanical Engg.	36	92
Electrical Engg.	26	76
Civil Engg.	21	84
Industrial Engg. & Mgt.	21	51
MCA	16	38
M.Tech.	22	94
MBA	2	62

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
- Mechanical Design

Electronics & Communication Engineering Department

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

Computer Engineering Department

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

Physics Department

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

Chemistry Department

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

Mathematics Department

- 1. Fluid Mechanics (Nano-Ferrofluids, Heat and Mass Transfer, Boundary Layer Theory)
- 2. Numerical Analysis
- 3. Algebra (Two Parameter Quantum Algebras and Special functions)

- 4. Fractional Calculus
- 5. Control Theory (Mathematical Modeling and Reliability Analysis of Robot Manipulators)
- 6. Functional Analysis (Fourier Approximation, Summability Theory, Wavelet)

Humanities & Social Sciences Department

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

MCA Department

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

5.2 PhDs AWARDED AND IN-PROGRESS

No.	Department	Awarded	In-Progress
1.	Civil	03	27
2.	Electrical	06	92
3.	Mechanical	12	104
4.	Electronics & Comm.	02	44
5.	Physics	04	20
6.	Chemistry	- 7	17
7.	Mathematics	02	08
8.	Humanities	08	, 10
9.	Computer	05	26
10.	MCA	-	09
16	Total	42	357

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.

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. 322.50 lacs for 2004-05, 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 and Rs. 1500.00 lacs for the year 2013-14 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 year 2004-2005, Government of India has released a sum of Rs. 750.00 lacs and Rs. 1200.00 lacs for 2005-06, Rs. 987.50 for 2006-07, Rs. 1200.00 lacs for 2007-08, Rs. 525.50 lacs for 2008-09, Rs. 2204.87 lacs for 2009-10, Rs. 1600.00 lacs for 2010-11, Rs. 2600.00 lacs for the year 2011-12, Rs. 3800.00 lacs for the year 2012-13 and Rs. 4400.00 lacs for the year 2013-14.

8.3 EXPENDITURE POSITION FOR LAST THREE YEARS

The position of expenditure from the year 2011-12 to 2013-14 is as under:-

Items	2011-12 (Rs. in Lacs)	2012-13 (Rs.in Lacs)	2013-14 (Rs.in lacs)
Salary paid to faculty staff	1365,25	1615.31	1963.23
Salary paid to Non-faculty staff	674.69	733,96	785.25
Pension alongwith arrears	NIL	NIL	4637.13
Salary paid for Adhoc staff deployed in Institute including salary bill of daily	NIL	57.96	595.61

Gross Expenditure (Rs.)	3552.82	3897.10	9516.30
Outstanding payments, if any	NIL	NIL	NIL
Any other Expenditure	167.46	214.41	90.15
Library Expenses	1.10	72.37	1.01
Maintenance of campus and computers	19.70	74.31	21.79
Electricity Charges	79.61	149.13	223.22
Other Administrative Expenses	677.90	289.82	318.60
Scholarships/Fellowships	307.21	455.40	536.88
Printing Publications	5.83	6.47	8.00
Gratuity paid to employees on superannuation age	91.21	121.25	91.55
Employer's Net contribution to CPF/NPS	150.87	104.07	26.78
TA/DA expenses paid to members & experts	11.99	2.64	26.47
Allowances & Bonus	NIL	NIL	190.63
wages employees	r. y Wality		

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 2013-14 are as under:

Tax deducted at Source on Salary	Rs. 1	169.10
Tax deducted at Source on Non-Salary	Rs.	29.44
Service Tax on Rental Income	Rs.	0.67
Service Tax on Consultancy Work	Rs.	28.23

9.0 CENTRAL FACILITIES AND SERVICES

9.1 COMPUTER SERVICES CENTRE

ORGANIZATION

Center of Computing and Networking (CCN) was started in 1997 as a project funded by MHRD. It is central computing facility for whole Institute connecting all buildings, departments and hostels through Local Area Network. CCN aims to integrate networking and computing facility for service to students, scholars, faculty and community, with an effort to automate Institute Offices and Sections. CCN maintains existing Institute and Hostel Networking with more then 4000 modes. It maintains Institute's Mail Server and Website along with state-of-the art Wireless Network. CCN is in the process of extending facilities to upcoming hostels and new administrative block.

ADMINISTRATIVE AND TECHNICAL STAFF

Prof. Brahmjit Singh Er. Jagan Nath Professor-In-Charge Technical Officer

TIMING OF THE CENTRE

It is open to students, faculty and staff members of the Institute and operates round the clock (24x7) throughout the year except on National Holidays.

NETWORKING FACILITIES

- 1 GBPS NKN leased line
- 155 Mbps leased line on OFC.
- Structured Networking (Including Core, Distribution and Access Switch, LX Modules and Passive Components) 4000 nodes.
- Wi-Fi Networking (84 Access Points) 2500 (Concurrent users)

COMPUTING FACILITIES: HARDWARE RESOURCES

Desktop Computer Core i7	67
Computer Systems (Core 2 Due, AMD, P-IV)	90
Desktop Computer Core i3	02
Servers	16
Laser Printers -	03
Color Laser Printer	01
Photocopier -	03
LCD Projectors -	01
Scanners	02

SOFTWARE PACKAGES

1. MatLab 8 with Modules

- Optimization Toolbox 3.0
- Partial Different Equation Toolbox 1.0.5
- Statistics Toolbox 5.0
- Curve Fitting Toolbox 1.1.1
- Fuzzy Logic Toolbox 2.0.1
- Signal Processing Toolbox 6.2
- Wavelet Toolbox 3.0
- Filter Design Toolbox 3.0
- Genetic Algorithm
- Neural Network Toolbox 4.0.3
- Control System Toolbox 6.0
- Robust Control Toolbox 2.0.1
- Communications Toolbox 3.0
- Image Processing Toolbox 4.2
- Sim Power System 3.1
- Communications Blockset 3.0
- CDMA Reference Blockset 1.1
- Signal Processing Blockset 6.0

2. Mathematica 5.1 with Modules

- Control System Professional Suite
- Digital Image Processing
- Dynamic Visualizer
- Experimental Data Analyst
- Fuzzy Logic
- Global Optimization 4.0
- Neural Networks
- Operations Research 3.0
- Wavelet Explorer
- Advanced Numerical Methods
- Signals and Systems
- Structural Mechanics
- Mechanical Systems
- Industrial Optimization
- Parallel Computing Tool Kit

3. OPERATING SYSTEMS

Windows 98, win 2000, win XP, win 7, win Vista, Linux

4. WORD PROCESSING PACKAGES

Office 2000, Professional Office 2003, Office XP.

Power Back Up

UPS for 1 hour back up	
20 KVA UPS	01
10 KVA UPS	03
6 KVA UPS	02
5 KVA UPS	02
Generator Set 63 KVA	01

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 31.3.2013	Added during 1.4.2013 to 31.03.2014	Total as on 31.3.2014
Library	51910	1335	53245
Book Bank	91854	1942	93796
Total	143764	3276	147040
Other Documents			
Back Sets	7097		7097
Standard	10097		10097
CDs/Video Cassettes	1284		1284
e-Books	7807	-32	7775
Thesis	3315	301	36616
Grand Total	173364	3546	176910

CURRENT JOURNALS

Online journals	4500+
Print journals	129

Number of journals subscribed

:	13
:	104
:	12
	129
	:

EXPENDITURE (2013-14)

Books	Rs. 27,36,485-00
e-resources for 2013	Rs. 88,74,487-00
e-resources (TEQIP-II) for 2014	Rs. 89,76,593-00
Print Journals, Newspaper and Magazine	Rs. 9,03,131-00
Computer Peripherals & Furniture	Rs. 1,13,570-00
Library Supply	Rs. 83,775-00
Library Binding	Rs. 19,166-00
Maintenance of Computer	Rs. 79,620-00
Material and Service Charges for Electro Copier	Rs. 31,750-00

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
	rided by INDEST Consortiu	m	
1.	ACM	http://portal.acm.org/dl.cfm/	32
2.	ASCE	www.pubs.asce.org/journals/jrns.h	30
3.	ASME	www.asme.org/pubs/journals/	22
4.	Springer	www.link.springer.de/	1300+
Subs	scribed by the Institute: Jo	ournals	
5	Indian Standards	Intranet Version	1/2 To 1/2 Sept 10 Fig. 1
6.	Springer Back Files (Engg.&Comp.Science)	www.link.springer.de/	From Vol.1 Issue 1
7.	Science Direct Back Files (Engg.&Comp.Science)	www.sciencedirect.com/	From Vol.1 Issue 1
8.	Science Direct	www.sciencedirect.com/	2300+
9.	IEL	www.ieeexplore.ieee.org/	219
10.	ASTM Jrls + Standards	http://journalsip.astm.org/	6+standard
11.	LNCS(2006-09 &2011)	www.link.springer.de/	-
12.	Taylor & Francis	http://journalsonline.tandf.co.uk/	245
13.	Emerald	http://www.emeraldinsight.com/	168
14.	Cambridge	http://journals.cambridge.org/	42
15	Wiley (2008)	http://onlinelibrary.wiley.com/jour nal	53
16	Oxford University Press	http://oxfordjournals.org/	26
17	Fed Gate	http://fedgate.cloudapp.net/muse/ servlet/MusePeer	-
18	J-Gate	http://jgateplus.com	-
19	SIAM (2008-09)	Intranet Version	14
20	BS Civil Engg. standards	Intranet Version	-
21	IEC Standard	Intranet Version	-
22	NPTEL Web & Video Courses	Intranet Version	
23	EzProxy	http://14.139.60.8/login	
Subs	scribed by the Institute: e-l	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	6926

Users 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 2013-2014	:	199510
Number of visitors during 2013-2014		495825
Total No. of Membership during 2013-2014	:	5234

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 & Stream 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)

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 a Senior Medical Officer (SMO), a Dental Surgeon (Part-time) and supporting staff. Health Centre is equipped with X-ray machine, 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 repellant 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
Α	Director's	01
В	BT-Type	20
	BA-Type	06
, a N	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
and the later	AD-Type (AD-5,6)	02
	DA-Type	15
D	DB-Type	68
	Teacher's Flats (now	24
	Faculty House)	*
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. Two committees (Teaching and Non-Teaching) have 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 ever 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 gettogethers from time to time.

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 1.4.12 to 31.3.13, one thousand four hundred fifty four (1454) consultancy jobs were finalized by the Institute and earned around Rs. 339.89 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>	No. of seats
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-2013 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	-	-	7	-	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	oğ.y	-	-	20
Electronics & Comm. Engg.	Electronics & Comm. Engg.	12	6	4	2	-				24
Physics	Instrumentation	10	. 5	3	2	-	-	2	-	20
	Nanotechnology	9	6	2	2	1	-	-	¥ 10	20
Mechanical Engg.	Industrial & Production Engg.	10	5	4	1	X T	6 7 7	5	-	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	VLSI Design	14	8	3	4	2	1	-	-	32
& Embedded System	Embedded System Design	9	5	3	2		-	1		20
School of Renewable Energy & Efficiency	Renewable Energy Systems	9	.5	3	2	1	- 1/-	-	-	20
665 a	GRAND TOTAL	182	97	57	29	6	4	2	1	378

The duration of each course is four semesters for regular students and five semesters for part-time students.

The Insitute made admissions directly in the academic session in the academic session 2012-13 on (i) sponsored seats and (ii) seats available under TEQIP-II project. In addition direct admissions were also made for two new M.Tech. programmes. The number of seats available in each category for admission through this mode are given below:

(i) Sponsored seats:

Department/School	Programme	Sponsored	Total
Civil Engineering	Soil Mechanics & Foundation Engg.	5	- 5
	Structural Engg.	5	5
ALL ALL ACTIVES TO SERVER	Water Resources Engg.	5	5
	Transportation Engg.	5	5
	Environmental Engg.	5	5
Electrical Engineering	Power System	5	5
	Control System	5	5
	Power Electronics & Drives	5	5
Electronics & Comm. Engg.	Electronics & Comm. Engg.	5	- 5
Mechanical Engg.	Industrial & Production Engg.	5	5
	Machine Design	5	5
A STATE OF THE STA	Thermal Engineering	5	5
Physics	Instrumentation '	5	5
	Nanotechnology	5	5
Computer Engg.	Computer Engg.	5	5
School of VLSI Design &	VLSI Design	5	5
Embedded System	Embedded System Design	5	5
School of Renewable Energy & Efficiency	Renewable Energy Systems	5	5
School of Biomedical Engg.		5	5
School of Material Science and Nanotechnology		5	5
	Total	100	100

(ii) New M.Tech. Programmes:

Deptt./School	4. 10	1	No	of sea	its				Programme
	Open	SC	ST	OBC	OP PwD	SC PwD	ST PwD	Total	
School of Biomedical Engg.	9	3	2	5	1		-	20	Biomedical Engg.
School of Material Science & Nano technology	9	3	2	5	1		-	20	Material Science & Nanotechnology
Total	18	6	4	, 10	, 2	-	-	40	

- 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, Maharastra, 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 cooperation 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 Netwok 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 2013-14

- 1. The following Construction works were finalized during the year 2013-14:
 - (1) Construction of 20 Nos. Professor & 20 Nos. Associate Prof. Multi-storeyed staff houses at NIT, Kurukshetra.

(2) Construction of Swimming Pool at NIT, Kurukshetra.

(3) Providing & Installation of Electrical Sub-Station HT/LT distribution i/c Street lighting & feeder pillar etc. Non residential area at NIT, Kurukshetra.

(4) Construction of Boundary Wall of Hostel No. -1 & 2 at NIT, Kurukshetra.

- (5) Widening of Institute Road from Kirmich Road Gate to Hostel No.4 (approx. length of 400 mtr.) at NITK.
- (6) Replacement of A.C.C. sheets with Zincalume sheets & Renovation of Water channel in central/old workshop at NIT, Kurukshetra.

(7) Construction of 2 Nos. Parkings at NIT, Kurukshetra.

- (8) (i) Recarpetting of roads from NIT, Gate (toward KUK Gate) to Apollo Canteen Chowk via NIT, Chowk at NIT, Kurukshetra
 - (ii) Recarpetting of roads from main approach road to Guest House and around Guest House road at NIT, Kurukshetra
 - (iii) Recarpetting of road from Apollo Canteen to NIT Gate via Mega Hostel and Hostel No. 7, 8 at NIT, Kurukshetra
 - (iv) Recarpetting of road from Apollo Canteen Chowk to Y shape road via open Air Theatre at NIT, Kurukshetra

(9) Provision of Glazed Tiles in the Residences (Toilets & Kitchens) at NITK

- (10) Installation of Cold Water Tank Supply Pipe line to the solar water heating system installed in the hostel no.1 to 9 boys hostel, Girls hostel no. 1 & 2 at NIT, Kurukshetra.
- 2. The following works are under progress:
 - 1) Replacement of C.I./A.c. water supply lines with centrifugally cast (spun) iron pipes class L.A. in the Residences, Hostels & Instructional Building at NIT Kurukshetra.
 - 2) Provision for two nos. Institute Main Gates at NIT Kurukshetra.
 - 3) Construction of 600 seater Girls Hostel (Multi-storeyed framed structure, ground floor+5) at NIT Kurukshetra.

- 4) Construction of 3 storey bearer barrack comprising of 2 blocks to accommodate 96 bearers at NIT Kurukshetra.
- 5) Providing permanent fencing along the lawns & gardens of the Institute with revolving entry gates including CC pathways at NIT Kurukshetra.
- 6) Construction of boundary wall (left out stretches) for a length of about 800 mtr and gate (near UHBVN office) at NIT Kueukshetra.
- 7) Preparation of Institute Master Plan of NIT Kurukshetra.
- 8) Construction of 300 seaters multi-purpose Boys Hostel including 100 suits for foreign students, research scholars and married PG students (multi-storeyed frame structure) (Ground floor+5) at NIT Kurukshetra.
- 9) Construction of Sewage Treatment Plant (STP) at NIT Kurukshetra.
- 10) Providing & installation of 16/20 meter High Mast lights at Sports Ground and various oher location at NIT Kurukshetra.
- 11) Provision of Aviation Light & Lightening conductor in the Mega Boys Hostel (1000 capacity) at NIT Kurukshetra.
- 12) Replacement of existing LT Panels with MCCB's in the institute at NIT Kurukshetra.
- 13) Replacement of existing electrical wirings in instructional building at NIT Kurukshetra.
 - (i) Replacement/rewiring of Alwiring with copper wiring in Electrical Engineering Department
 - (ii) Replacement/rewiring of Alwiring with copper wiring in old Adm. block
 - (iii) Replacement/rewiring of A1wiring with copper wirking in Exam. Cell, Mechanical Engg. Deptt. & Civil Engg. Deptt.
 - (iv) Replacement/rewiring of A1wiring with copper wiring in Electronics & Communication, CCN Department & Exam. Hall
- 14) Provision of DG power backup at various locations in the institute covering instructional buildings and related facilities at NIT Kurukshetra.
- 15) Provision of DG poser backup in Boys & Girls Hostels at NIT Kurukshetra (Boys 230.44 + Girls 89.74)= 230.18
- 16) Provision of interlocking paver blocks, covering of area open to sky by Zinc coated galvanized iron profile sheets, vitrified tiles on flooring and provision of garage for ambulance in the Health Centre at NIT Kurukshetra.
- 17) Provision for covering of newly constructed graded seating arrangement for 2000 persons in Open Air Theatre at NIT Kurukshetra.
- 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-	Two Secretaries of Higher/Technical Education	Members
22	from states where NITs are located (by rotation)	
23-	Two persons from Industry nominated by the	Members
24	Central Government	
25.	Financial Adviser, MHRD, GOI	Member
26.	Joint Secretary, (Technical Education) Joint	Member-
1.	Educational Adviser (Technical Education), MHRD, GOI	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.) Sneh 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	Prof. S.K. Sharma,
	Institute	Professor,
	4.74	Mech. Engg. Department,
		NIT Kurukshetra
10.	One Associate Prof. of	Dr. C.R. Mariappan
	the Institute	Assistant Professor,
		Physics Department,
		NIT Kurukshetra
11.	Secretary	Dr. Shyam Narayan
	F4	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.) Sneh 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	Sh. Rajesh Singh Dy. Secretary (NITs) Deptt. of Higher Education MHRD, Shastri Bhawan New Delhi-110001
3.	One person nominated by the Board of Governors	Prof. S.K. Sharma Prof. Mechanical Engg. Deptt. National Institute of Technology Kurukshetra
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. Varun Kumar Executive Engineer (Civil) Karnal Central Division, CPWD Karnal
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 (Electrical), Chandigarh Electrical Central Circle, CPWD, Chandigarh.

7.	Special Invitee	Dr. K.K. Singh
	1 5 L X 2 T 1 43	Dean (Estate)
		NIT Kurukshetra
		Dr. Ashwani Jain Prof. In-charge (Estate & Const.) NIT Kurukshetra
		Dr. Ashwani Kumar Prof. I/C (EM) NIT Kurukshetra
		Executive Engineer, Construction Cell NIT Kurukshetra
		Sh. S.N. Kaushik Asstt. Engineer (Civil) NIT Kurukshetra
8.	Member-Secretary	Dr. Shyam Narayan Registrar NIT Kurukshetra

SENATE

Sr.No.	Composition	Members			
1.	Ex-Officio Chairman	Prof. Anand Mohan Director, NIT Kurukshetra			
2,3 & 4	Three Educationists of repute	A CONTRACTOR OF THE CONTRACTOR			
		Deptt. of Electronics Science University of Pune Pune Prof. Rajendra Rai Head of the Department Deptt. of Economics			

		Faculty of Social Sciences
	The second secon	Banaras Hindu University
		Varanasi
5.	All Professors and	Dr. V.K. Arora
	such other members	Professor,
	of the staff	Civil Engg. Department
	of the stair	NIT Kurukshetra
	75	NII Kuruksnetra
		Dr. V.K Sehgal
		Professor & Dean (P&D),
		Civil Engg. Department,
		NIT Kurukshetra
4		Dr. S.K. Sharma
	The state of the s	Professor
		Mechanical Engg. Deptt.,
		NIT Kurukshetra
		Dr. A.K.Gupta
		Professor & Dean (Academic),
	Y X	Electronics & Comm. Engg.Deptt.
		NIT Kurukshetra
		MII Kuluksiicua
	The Indian London	Dr. A. Swarup
		Professor & Dean (FW),
		Electrical Engg.Deptt.
		NIT Kurukshetra
		Dr. Brahamjit Singh
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Professor
	1 1 145	ECE Department
		NIT Kurukshetra
	Type The State of	
		Dr. (Ms.) Minati Baral,
	10	Professor & Head,
		Chemistry Department,
		NIT Kurukshetra.
		Dr. D.K. Soni
		Professor & Head,
	0.0	Civil Engg. Deptt.
		NIT Kurukshetra
	5.4	AND A COLOR SHOW SET AND
		Dr. N.K. Gupta
	Landin Latellin	Professor,
		Civil Engg. Deptt.
		NIT Kurukshetra

Dr. S.S. Rattan Professor, Mechanical Engg.Deptt., NIT Kurukshetra

Dr. K.S. Sandhu Professor, Electrical Engg.Deptt., NIT Kurukshetra

Dr. Sudhir Kumar Professor, Mechanical Engg.Deptt., NIT Kurukshetra

Dr. Baldev Setia Professor, Civil Engg. Deptt., NIT Kurukshetra

Dr. Rajender Kumar Professor & Head, Department of Humanities & Social Sciences, NIT Kurukshetra

Dr. S.K. Madan, Professor, Civil Engg. Deptt. NIT Kurukshetra

Dr. H.K. Sharma, Professor, Civil Engg. Deptt. NIT Kurukshetra

Dr. Lillie Dewan, Professor & Head, Electrical Engg. Deptt. NIT Kurukshetra

Dr. S.N. Sachdeva, Professor, Civil Engg. Deptt. NIT Kurukshetra Dr. Dixit Garg, Professor, Mechanical Engg. Deptt., NIT Kurukshetra

Dr. P.J. Philip, Professor & Dean (SW) Humanities & Social Science, NIT Kurukshetra

Dr. J.K. Quamara, Professor, Physics Deptt., NIT Kurukshetra

Dr. Surjit Angra Professor, Mechanical Engg. Deptt., NIT Kurukshetra

Dr. R.S. Bhatia Professor, Electrical Engg. Deptt. NIT Kurukshetra

Dr. G.L. Pahuja Professor, Electrical Engg. Deptt. NIT Kurukshetra

Dr. K.K. Singh Professor & Dean (Estate), Civil Engg. Deptt. NIT Kurukshetra

Dr. Subodh Ranjan Professor, Civil Engg. Deptt. NIT Kurukshetra

Dr. (Ms.) Ratna Dahiya Professor Electrical Engg. Deptt. NIT Kurukshetra Dr. Anupam Mittal Professor, Civil Engg. Deptt. NIT Kurukshetra

Dr. Dinesh Khanduja Professor, Mech. Engg. Deptt. NIT Kurukshetra

Dr. R.K. Sharma
Associate Professor,
Electronics & Comm.Engg.Deptt.
NIT Kurukshetra
Dr. O.P. Sahu
Professor & Head
Electronics & Comm.Engg.Deptt.
NIT Kurukshetra

Dr. S.M. Gupta Professor & COE Civil Engg. Deptt. NIT Kurukshetra

Dr. Arun Goel Professor Civil Engg. Deptt. NIT Kurukshetra

Dr. Dinesh Kumar Professor, Chemistry Deptt. NIT Kurukshetra

Dr. D.P. Singh Professor, Chemistry Deptt. NIT Kurukshetra

Dr. P.C. Tiwari Professor, Mech. Engg. Deptt. NIT Kurukshetra

Dr. L.M. Saini Professor & Prof. I/C (Acad.& Senate Affairs)

100		Elect. Engg. Deptt.
		NIT Kurukshetra
		Dr. Hari Singh
		Professor
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Mech. Engg. Deptt.
		NIT Kurukshetra
		Dr. S.K. Patidar
		Professor
		Civil Engg. Deptt.
		NIT Kurukshetra
		Dr. Ashwani Jain
		Professor
		Civil Engg. Deptt.
		NIT Kurukshetra
		Dr. Jitender Chhabra
		Associate Professor & Head
		Computer Engg. Deptt.
	- constant	NIT Kurukshetra
		Dr. Paras Ram
		Associate Professor & Head
		Mathematics Deptt.
		NIT Kurukshetra
6.	Member-Secretary	Dr. Shyam Narayan
		Registrar
	× 2	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 31.3.2014, following are the sanctioned schemes as per details given below:-

Sr. No.	Name of Scheme & Principal Investigator	Amount available upto 2013-14		Balance as on 31.03.2014
1.	Centre for Water Resource Development & Management by Prof. KK Singh	1.83	0.88	0.95
2.	Study of the factors affecting radon level in dwelling		8.05	7.32

-	through measurement and modeling by Prof. RP Chauhan			
3.	Changing Water Cycle by Prof. KK Singh	6.20	6.18	0.02
4.	Distribution System Markets by Prof. Ashwani Kumar	6.27	3.46	2.81
5.	A Computational Approach Singularly Perturbed Differential Difference Equations with Delay as well as Advace by Associate Prof. ASV Ravikanth	3.36	0.78	2.58

In addition to above, a new project on "Supramolecular Flourscent probes for the selective detection of biological signaling molecule (H2S) and real time assay" by Dr. Amilan Jose Devadoss, Asstt. Prof. in Chemistry Deptt. is started during the year 2014-15 which is sanctioned by Science & Engineering Research Board.

CONSULTANCY SERVICES

No. of Squares

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 1.4.2013 to 31.3.2014, one thousand two hundred two (1202) consultancy jobs involving consultancy fees around Rs. 280.97 lacs were sanctioned.

11.5 FACULTY POSITION AS ON 31.03.2014

Sr. No.	Name of the Post	Sanctioned	In position	Vacant	Pay Scale (Rs.)
Civi	l Engineering Dep	artment			
1.	Professors	06	22,	(-)16	37400-67000+10000
2.	Asso.Professors	11	02	09	37400-67000+9000
3.	Asstt.Professors	22	04	18	15600-39100+6000
Elec	trical Engineering	Department			
1.	Professors	06	12	(-)06	37400-67000+10000
2.	Asso.Professors	12	06	06	37400-67000+9000
3.	Asstt.Professors	23	18	05	15600-39100+6000
Mec	hanical Engineerii	ng Departmen	nt		
1.	Professors	06	11	(-)05	37400-67000+10000

2.	Asso.Professors	12	07	05	37400-67000+9000
3.	Asstt.Professors	24	13	11	15600-39100+6000
Ind	ustrial Engineering	Department			
1.	Professors	02	02	-	37400-67000+10000
2.	Asso.Professors	04		04	37400-67000+9000
3.	Asstt.Professors	08	04	04	15600-39100+6000
Elec	ctronics & Comm. E	ngineering	Departmen	t	8
1.	Professors	06	06	-	37400-67000+10000
2.	Asso.Professors	12	03	09	37400-67000+9000
3.	Asstt.Professors	23	15	08	15600-39100+6000
Con	nputer 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
Info	rmation Technolog	y Departme	nt		
1.	Professors	03	-	03	37400-67000+10000
2.	Asso.Professors	05	NY -	05	37400-67000+9000
3.	Asstt.Professors	11	10	01	15600-39100+6000
Phy	sics 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
Che	mistry Department				
1.	Professors	01	03	(-)02	37400-67000+10000
2.	Asso.Professors	03	01	02	37400-67000+9000
3.	Asstt.Professors	06	05	01	15600-39100+6000
Mat	thematics Departme	nt			
1.	Professors	01	01	-	37400-67000+10000
2.	Asso.Professors	03	01	02	37400-67000+9000
3.	Asstt.Professors	06	05	01	15600-39100+6000
Hu	manities and Social	Sciences De	epartment		
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
MB.	A Deptt. (Self Finan	cing)			
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
MC	A Deptt. (Self Finan	cing)	1		<u> </u>
1.	Professors	03	01	02	37400-67000+10000
2.	Asso.Professors	05	2	05	37400-67000+9000
3.	Asstt.Professors	11	02	09	15600-39100+6000
	Total	298	190	108	
Sur	nmary (Faculty Staf	f)			
1.	Professors	43	69	(-)26	37400-67000+10000
2.	Asso.Professors	85	24	61	37400-67000+9000
3.	Asstt.Professors	170	97	73	15600-39100+6000
	Total	298	190	108	

11.6 ADMINISTRATIVE AND OTHER STAFF

POSITION OF OFFICER CADRE STAFF AS ON 31.03.2014

Sr. No.	Name of the post	Sanctioned	In position	Vacant	Pay Scale (Rs.) PB+GP
	strar Office				
1	Registrar	01	01	-	37400-67000+10000
Gene	eral Administration	Section			
1	Dy. Registrar	01	01		15600-39100+7600
Esta	blishment Section	TOTAL TOTAL			
1	Asstt. Registrar	01	-	01	15600-39100+5400
Acco	ounts Section				
1	Dy. Registrar	01	01		15600-39100+7600
2	Asstt. Registrar	01	·	01	15600-39100+5400
Acad	lemic Section				Challe the thin
1	Dy. Registrar	01	01	-	15600-39100+7600
Exai	ms Cell		4.5.5		
1	Asstt. Registrar	01 (P)	÷(, '-	01	15600-39100+5400
Stor	es Section		1.		
1	Asstt. Registrar	01	01		15600-39100+5400
Heal	th Centre	2			
1	Sr. Medical Officer	01	01	- H	15600-39100+7600
2	Medical Officer	03	02	01	15600-39100+5400
Libr	ary		Y	1.3	
1	Librarian	01	01		37400-67000+10000
2	Assistant Librarian	01		01	15600-39100+6000
Spor	rts		1111		
1	Sr. SAS Officer	01	•	01	15600-39100+8000
2	SAS Officer	02	02		15600-39100+6000
Seci	urity		- 2		
1	Security Officer	01	01	-	15600-39100+5400
Esta	ite				
1	Executive Engineer	, 01		01	15600-39100+6600
Wor	kshop				
1	Pr. Technical	01 ,	-	• 01	15600-39100-7600
	Officer	01	* * * * * * * * * * * * * * * * * * * *	01	15600 20100 6600
2	Sr. Technical Officer	. 01	19-3 Television 19	01	15600-39100-6600
Cen	tre for Computing &		2 ² P 1	- 1	T-12.12-22.121-221-
1	Sr. Technical Officer	01(P)		01	15600-39100+6600
2	Technical Officer	01(P)	-	01	15600-39100+5400
Con	nputer Engineering l	Department			
1	Sr. Technical Officer	01	01		15600-39100-6600

2	Technical Officer	01	01	-	15600-39100+5400
Elec	tronics and Comm. I	Engineering I	Department		
1	Sr. Tech. Officer	01	01	T - 1	15600-39100+6600
2	Technical Officer	01	01		15600-39100+5400
Med	hanical Engineering	Department			
1	Technical Officer	01	01	-	15600-39100+5400
Phy	sics/Chemistry Depa	rtment			
1	Technical Officer	01	01		15600-39100+5400
Con	nputer Applications				
1	Technical Officer	01	(Se y	01	15600-39100+6600
	Total	30	18	12	

POSITION OF TECHNICAL STAFF AS ON 31.03.2014

Sr. No.	Name of the post	Sanctioned	In position	Vacant	Pay Scale (Rs.) PB+GP
Civil En	gineering Departme	nt			
Lower Ca	adre		7.6		
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 C	Cadre		7		
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
0.00	Total	16	06	10	
Comput	er Engineering Depa	artment			The second second second
Lower Ca	adre		The state of the s		
1	Technician	02	-	02	5200-20200+2000
2	Sr. Technician	01	01	-	5200-20200+2400
3	Technician SG-II	01	12	01	5200-20200+2800
4	Technician SG-I	01	12	01	9300-34800+4200
Higher C	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	01	09	
Electric	al Engineering Depa	rtment			Lucia Company
Lower C	adre		12.		CONTRACTOR OF THE PARTY OF THE
1	Technician	03	03	-	5200-20200+2000

2	Sr. Technician	02	01	01	5200-20200+2400
3	Technician SG-II	01	11111	01	5200-20200+2800
4	Technician SG-I	01	01	-	9300-34800+4200
Higher	Cadre			and the same	The state of the s
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
o di ma	Total	16	13	03	Texabouruut Per

Lower C	Cadre	a fight part			
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	a - '-	9300-34800+4800
4	Tech. Asstt. SG-I	01		01	9300-34800+5400
	Total	16	06	10	
Mecha	nical Engineering Dep	artment			
Lower (Cadre	100			
1	Technician	03	01	02	5200-20200+2000
2	Sr. Technician	02	02	• 1_, =	5200-20200+2400
3	Technician SG-II	01	01	-	5200-20200+2800
4	Technician SG-I	01	03	(-)02	9300-34800+4200
Higher	Cadre	W = 2 5 5	alle a	3840	
1	Tech. Assistant	04		- 04	9300-34800 +4200
2	Sr. Tech. Assistant	03	03	<u>-</u>	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	11	05	
Worksl	юр				
Lower (Cadre				
1	Technician	03	02	01	5200-20200+2000
2	Driver	02	14	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

					The second second second
8	Driver DG-I	01	-	01	9300-34800+4200
Higher (The state of the s		11222	Name of the second seco
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	- 1	01	(-)01	9300-34800+5400
4	Total	18	12	06	
Industr	ial Engineering & Man	agement			
Lower C					
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	-	1-11	-	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	
Informa	ation Technology				
Lower C	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				The Land Strate of the
1	Tech. Assistant	01		01	9300-34800 +4200
2	Sr. Tech. Asstt.	01		- 01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	1 2	01	9300-34800+4800
4	Tech. Asstt. SG-I	01	_	01	9300-34800+5400
	Total	08	-	08	
Chemis	stry Department		A Real Property of the Propert		
Lower C	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					1
1	Tech. Assistant	01		01	9300-34800 +4200
2	Sr. Tech. Asstt.		01	(-)01	9300-34800 +4600
3	Tech. Asstt. SG-II		-	- ()01	9300-34800+4800
4	Tech. Asstt. SG-I			-	9300-34800+5400
	10011, 110011, 00-1				2000 0 1000 0 1000

Physic	s Department	71			
	· ·		1.5		
Lower (Cadre		1		
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			17	
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	

Compu	ter Applications				
Lower (Cadre		1 11	A 1997	
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	- 1	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	,
Human	ities Department	300	7,1 (4)		
Lower (Cadre	9,			
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician		-	- T	5200-20200+2400
3	Technician SG-II	-	_		5200-20200+2800
4	Technician SG-I	3		_	9300-34800+4200
	Total	01	9	01	
Busine	ss Administration				
Lower (Cadre	200 - 20-2-	, c		
1	Technician	01		01	5200-20200+2000
2	Sr. Technician	01	01	12	5200-20200+2400
3	Technician SG-II	01	_	01	5200-20200+2800
4	Technician SG-I	-		-	9300-34800+4200
Higher	Cadre	1.55			
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	-,4
1			7.5		

Heal	th Centre				
	(A) Other Staff				
Lowe	er Cadre		100		
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
High	er Cadre				
1	Tech. Assistant (02 Staff Nurse)	02	- 1	02	9300-34800 +4200
2	Sr. Tech.Assistant (01 Staff Nurse)	01	01 (Lab.Tech.)	-	9300-34800+4600
3	Tech. Asstt. SG-II (01Staff Nurse)	01	O1 (staff nurse)	,	9300-34800+4800
4	Tech. Asstt. SG-I (01Staff Nurse)	01	-	01	9300-34800+5400

	(B) Pharmacist				
Lower (Cadre				The state of the second
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 (01Pharmacist)	01	01 (01 Dresser)		9300-34800+4600
2	Tech. Asstt. SG-II (01 Pharmacist)	01	O1 (Pharma.SG-II)		9300-34800+4800
3	Tech. Asstt. SG-I		O1 (Pharma.SG-I)	(-)01	9300-34800+5400
	Total	12	05	07	+
Library	7	AL PROPERTY			
Lower (Cadre				THE STATE OF
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	***************************************			Time of the second

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	The Control Wall
Mainte	enance Staff (Estate)				
Lower (1 1 1 1 1 1 1 1 1 1 1 1
- 1	Work Assistant		01	(-)01	5200-20200+2000
2	Sr. Work Asstt.		01	(-)01	5200-20200+2400
3	Work Asstt. SG II		11	(-)11	5200-20200+2800
	Total	-	13	(-)13	
Sports					
Higher					
1	SAS Assistant	01	-	01	9300-34800+4200
2	Sr. SAS Assistant	01	-	01	9300-34800+4600
3	SAS Assistant SG II	01	-	0.1	9300-34800+4800
. 4	SAS Assistant SG I	01	9.2	01	9300-34800+5400
	Total	04	12 - 2	. 04	

Centre	for Computing & Netwo	orking		\$1 m	
Lower C				No. of the	
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	
Interna	l Telephone Exchange	+10			Çiri
Lower C		N N N N N N N N N N N N N N N N N N N			
1	Technician	01	-	01	5200-20200+2000
1	Sr. Technician	01		01	5200-20200+2400
	Total	02	-	02	
School	of VLSI Design & Embe	edded Syste	m		
Lower (1	
1	Technician	01	1 - 1	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
	Total	02	- Y. O.	, 02	
School	of Renewable Energy	, ,			
Lower	Cadre				X
1	Technician	01		01	5200-20200+2000
2	Sr. Technician	01	- `,	01	5200-20200+2400
	Total	02	-	02	
	Grand Total	178	80	98	

POSITION OF ADMINISTRATIVE & MINISTRIAL STAFF AS ON 31.03.2014

Sr. No.	Name of the post	Sanctioned	In position	Vacant	Pay Scale (Rs.)
Civil En	gineering Departmen	t			, , ,
Lower Ca					
1	Junior Assistant	01	-	01	5200-20200+2000
2	Steno SG-II	01	01		5200-20200+2800
	Total	02	01	01	TEAT OF
Electric	al Engineering Depar	tment			
Lower Ca	adre				
_ 1	Junior Assistant	01	4	01	5200-20200+2000
2	Sr. Steno	01	01 (Sec.SGII)	-	5200-20200+2400
	Total	02	01	01	
Mechani	ical Engineering Depa	ırtment			
Lower Ca	adre		7 2		April 19 Sept 1
1	Junior Assistant	01	<u> </u>	01	5200-20200+2000
2	Steno SG-II	01	01 (Sec.SGII)	-	5200-20200+2800
	Total	02	01	01	and the second
Electron	ics & Communicatio	n Engineering	Department		englatedami STT in
Lower Ca	adre				
1	Junior Assistant	01	01		5200-20200+2000
2	Sr. Steno	01	2	01	5200-20200+2800
	Total	02	01	01	
	er Engineering Depar	tment			
Lower Ca	adre	,			
1	Junior Assistant	01	01 (Sr. Asstt.)	-	5200-20200+2000
2	Sr. Steno	01		01	5200-20200+2800
	Total	02	01	01	
	Department				
Lower Ca	adre		Y at		
1	Junior Assistant	01	-	01	5200-20200+2000
	Total	01		01	
	ry Department				
Lower Ca					
1	Junior Assistant	01	-	01	5200-20200+2000
	Total	01	-	01	
	Administration Dep	artment			THE REPORT OF THE PARTY OF THE
Lower Ca	The state of the s	13.			
1 .	Junior Assistant	01	A TOUR	01	5200-20200+2000
	Total	01	-	01	
	er Applications Depar	tment			
Lower Ca		dela est		- 11	TOTAL STREET, TOTAL
1	Junior Assistant	01	· · · · · · · · · · · · · · · · · · ·	01	5200-20200+2000

	Total	01		01	
	atics Department		-		
Lower C	adre	14			
1	Junior Assistant	oi.'	O1 (Sr. Asstt.)	<u>-</u>	5200-20200+2000
Angele.	Total	01	01	2	
	ties Department				
Lower C	adre				
1	Junior Assistant	01	01 (Asstt.SG-I)		5200-20200+2000
	Total	01	01	-	
Worksh	op				
Lower C	adre				
1	Jr. Assistant	01	01 (Sr.Asstt.)	-	5200-20200+2000
	Total	01	01	•	
TP&SW					
Lower C	adre				
1	Steno SG-I	01	4	01	9300-34800+4600
Higher C	Cadre				The Control
• 1	Superintendent	01	O1 (Supdt.SG-II)	-	9300-34800+4200
	Total	02	01	01	
Deans C	Office				
Lower C	adre				
1	Stenographer	03		03	5200-20200+2400
Higher C	Cadre				
1	Secretary	02	02 (01 Sr.Sec., 01 Asstt. SG-I)	-	9300-34800+4200
2	Sr. Secretary	01	-	01	9300-34800+4600
æ	Total	06	02	04	
Directo	r Office			- 4	
Higher (Cadre		The sale		E LEI, MANAGERIA
1	Sr. Secretary	01	O1 (Steno SG-II)		9300-34800+4600
2	Secretary SG-I	01	01 (Sec. SG-II)	- 7	9300-34800+5400
	Total	02	02		
Registra	ar Office			4	* ×
Higher (Cadre				
1	Secretary	01		01	9300-34800+4200
1 .	Secretary SG-II	01	01	- 4	9300-34800+4800
THE WAY	Total	02	01	01	

Establi	ishment Section				
Lower	Cadre		i e		
1	Sr. Assistant	02	01	. 01	5200-20200+2400

2	Assistant SG-I	02	02 (01 Asstt. SG-II)	-	9300-34800+4200
Higher	Cadre		(01110000, 90 11)		
1	Superintendent SG- II	01	02 (01Sr.Supdt.)	(-)01	9300-34800+4800
	Total	05	05		
GA Sec	tion				
Lower C	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					
1	Superintendent SG- II	01	01		9300-34800+4800
	Total	05	05		
	nic Section	1			La lundenni le ci
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	02 (01 Supdt. SG II)	(-)01	9300-34800+4600
	Total	05	04	01	
	nation Cell				
Lower (Cadre		3.50		A DESCRIPTION OF THE PARTY OF T
1	Sr. Assistant	01	O1 (Jr. Asstt.)	-	5200-20200+2400
2	Assistant SG-II	02		02	5200-20200+2800
Higher	Cadre	and the same			Lange gallett wil
1	Superintendent	01	02 (01 Sr. Supdt., 01 Supdt. SG-II)	(-)01	9300-34800+4200
ALL STREET	Total	04	03	01	
Stores	Section				
Lower (Cadre				
1	Sr. Assistant	01	O1 (Jr. Asstt.)) i t e	5200-20200+2400
2	Assistant SG-II	02		02	5200-20200+2800
Higher	Cadre		1		
1	Supdt.	01	03 (02 Sr. Supdt., 01 Sec. SG-II)	(-)02	9300-34800+4200
	Total	04	04	-	
Estate	Section				
Lower (
1	Jr. Assistant	-01		01	5200-20200+2000
2	Sr. Assistant	01		01	5200-20200+2400

	Language Control of		(01Asstt.SG-I)		w.e
Higher (Cadre				AV TO THE TOTAL PROPERTY OF THE TOTAL PROPER
1	Accountant	01		01	9300-34800+420
2	Sr. Supdt.	01	01		9300-34800+460
a try y	Total	05	02	03	
Guest F	louse				
Lower C	Cadre				
1	Jr. Assistant (Cook)	01		01	5200-20200+2000
2	Sr. Assistant	01	-	01	5200-20200+240
	Total	02		02	
Accoun	ts Section				
Lower C			Participal V. P.		
			02		F000 00000 010
1	Sr. Assistant	02	(02 Jr. Asstt.)		5200-20200+2400
2	Assistant SG I	5. × 5 · ·	01	(-)01	5200-20200+2800
Higher (Cadre	- 1	126	1 2 2	
1	Accountant	02		02	9300-34800+4200
2	Sr. Accountant	02	04 (02 Sr. Supdt.)	(-)02	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	08	01 .	S-
Finance	e Section				
Lower C					
1	Sr. Assistant	02		02	5200-20200+2400
2	Assistant SG-II	01		01	5200-20200+2800
Higher	A CONTRACTOR AND A CONT				0200 20200 200
1	Accountant	01	O2 (Asstt. SG-I)	(-)01	9300-34800+4200
2	Sr. Supdt	01	02 (01 Sr.Acett., 01 Acett.SG-II)	(-)01	9300-34800+4600
2	Total	05	04	01	
Recept	ion & Diary/Dispatch				10
Lower C	Cadre	11-			
1	Jr. Assistant	01	-	:01	5200-20200+2000
2	Sr. Assistant	01		01	5200-20200+2400
	Total	. 02	-	02	
Sports					
Lower C	Cadre	- W			
1		-	O1 (Sr. Supdt.)	(-)01	9300.34800+4200
112	Total	±2- ×	01	(-)01	1
Girl's H		110			
Lower C	CSSSS(CSSS(S))(CSSS(S))	100			
1			01 (AssttSG-II)	(-)01	5200-20200+2400

Higher Ca	adre				
1	-	-	01(Supdt. SG I)	(-)01	9300-34800+5400
	Total	-	02	(-)02	
2	Grand Total	75	52	23	

Position of Non-Faculty (Supporting Staff) as on 31.03.2014

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	14	(-)05	5200- 20200+2000
4	Attendant/Security Guard/Mali/Caretaker SG-I	04	12	(-)08	5200- 20200+2400
To a last	Total	45	62	(-)17	

Grand Summary of Faculty & Non-Faculty Position as on 31.03.2014

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	69	(-)26
2.	Associate Professor	85	24	61
3.	Assistant Professor	170	97	73
	Sub Total (A)	298	190	108
- 1	Registrar	01	01	
2	Dy. Registrar	03	03	-
3	Asstt. Registrar	04	01	03
4	Librarian	01	01	**************************************
5	Asstt. Librarian	01	<u> </u>	01
6	Sr. SAS Officer	01	-	01
7	SAS Officer	02	02	1400
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	04	02
14	Executive Engineer	01		01
	Sub Total (B)	30	18	12
1	Technician	33	09	24
2	Sr. Technician	24	10	14

3	Work Assistant	- 4	01	(-)01
4	Sr. Work Assistant		07	(-)07
5	Technician SG-II	15	01	14
6	Work Assistant SG II	-	10	(-)10
7	Technician SG-I	09	14	(-)05
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
1	Total	89	52	37
1	Tech. Assistant	29		29
2	Sr. Tech. Asstt.	22	18	04
3	Tech. Asstt. SG-II	14	06 (01 Pharmacist, 01 staff Nurse)	08
4	Tech. Asstt. SG-I	07	03 (01 Pharmacist)	04
5	Lib & Info. Assistant	02		02
6	Sr. Lib & Info. Asstt.	02	-	. 02
7	Lib & Info. Asstt. SGII	01		01
8	Lib & Info. Asstt SGI	01		01
9	Junior Engineer	0,4		04
10	Asstt. Engineer	02	- ·	02
11	Asstt. Engr. SG II (Civil)	01	01	₽ 7 9
12	SAS Assistant	01	-	01
13	Sr. SAS Assistant	01		01
14	SAS Assistant SG II	01	i= :-	01
15	SAS Assistant SG I	01	-	01
	Total	89	28	61
	Sub Total (C)	178	80	98
	(Lower + Higher)	178	80	96
1	Junior Assistant	16	06	10
2	Steno	04	- *	. 04
3	Sr. Assistant			
	Sr. Assistant	12	04	08
4 .	Sr. Assistant Sr. Steno	03	- 04	08
5				
	Sr. Steno	03	-	03
5	Sr. Steno Assistant SG II Steno SG II	03 08 02	- 06 02	03 02 -
5 6	Sr. Steno Assistant SG II Steno SG II Assistant SG I	03 08 02 05	06 02 08	03 02 - (-)03
5 6 7	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I	03 08 02 05 01	06 02 08	03 02 - (-)03 01
5 6 7	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I Total	03 08 02 05	06 02 08	03 02 - (-)03 01 25
5 6 7 8	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I Total Superintendent	03 08 02 05 01 51	06 02 08 - 26	03 02 - (-)03 01 25 03
5 6 7 8 1 2	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I Total Superintendent Accountant	03 08 02 05 01 51 03	06 02 08 - 26 -	03 02 - (-)03 01 25 03
5 6 7 8 1 2 3	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I Total Superintendent Accountant Secretary	03 08 02 05 01 51 03 04 03	06 02 08 - 26 -	03 02 - (-)03 01 25 03 04
5 6 7 8 1 2 3 4	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I Total Superintendent Accountant Secretary Sr. Superintendent	03 08 02 05 01 51 03 04 03 03	- 06 02 08 - 26 - -	03 02 - (-)03 01 25 03 04 03 (-)05
5 6 7 8 1 2 3 4 5	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I Total Superintendent Accountant Secretary Sr. Superintendent Sr. Accountant	03 08 02 05 01 51 03 04 03 03 02	- 06 02 08 - 26 - - - 08 04	03 02 - (-)03 01 25 03 04 03 (-)05 (-)02
5 6 7 8 1 2 3 4 5	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I Total Superintendent Accountant Secretary Sr. Superintendent Sr. Accountant Sr. Secretary	03 08 02 05 01 51 03 04 03 03 02 02	06 02 08 - 26 - - 08 04 01	03 02 - (-)03 01 25 03 04 03 (-)05 (-)02
5 6 7 8 1 2 3 4 5 6	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I Total Superintendent Accountant Secretary Sr. Superintendent Sr. Accountant Sr. Secretary Superintendent SG II	03 08 02 05 01 51 03 04 03 03 03 02 02 02	06 02 08 - 26 - - - 08 04 01 05	03 02 - (-)03 01 25 03 04 03 (-)05 (-)05 (-)02
5 6 7 8 1 2 3 4 5	Sr. Steno Assistant SG II Steno SG II Assistant SG I Steno SG I Total Superintendent Accountant Secretary Sr. Superintendent Sr. Accountant Sr. Secretary	03 08 02 05 01 51 03 04 03 03 02 02	06 02 08 - 26 - - 08 04 01	03 02 - (-)03 01 25 03 04 03 (-)05 (-)02

G	rand Total (A+B+C+D+E)	626	402	224
100	Sub Total (E)	45	62	(-)17
4	Attendant/ Security Guard/Mali/ Caretaker SG-I	04	12	08
3	Attendant/ Security Guard/Mali/ Caretaker SG-II	09	14	(-)05
2	Sr. Attendant/ Security Guard/Mali/ Caretaker	14	20	(-)06
1	Attendant/ Security Guard/Mali/Caretaker	18	16	02
	Sub Total (D) (Lower + Higher)	75	52	23
	Total	24	26	(-)02
12	Secretary SG I	01	-	01
11	Accountant SG I	01	- 1	01

Brief Summary of Faculty & Non-Faculty Position as on 31.03.2014

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	69	(-)26
2.	Associate Professor	85	24	61
3.	Assistant Professor	170	97	73
	Sub Total (A)	298	190	108
1.	Officer	30	18	12
2.	Technical Staff	178	80	98
3.	Administrative Staff	75	52	23
4.	Supporting Staff	45	62	(-)17
	Sub Total (B)	328	212	116
Gr	and Total (A+B)	626	402	224

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.	Arvind Kumar, Asstt. Professor	1st Intl. Conf. on Emerging Trends in Engg.	IT Society of India, Delhi	14.4.13
2.	Rajoo Pandey, Asso. Professor	-do-	-do-	14.4.13
3.	Umesh Ghanekar, Asso. Professor	-do-	-do-	14.4.13
4.	Sandeep Santosh Asstt. Professor	Short term course on Nano-technology : Opportunity & Challenges	NITTTR, Chandigarh	6.5.13 - 10.5.13
5.	Ritu Garg, Asstt. Professor	Short term course on Ubiquitous Computing	NITTTR, Chandigarh	13.5.13 - 17.5.13

6.	Priyanka Ahlawat, Asstt Professor	Summer School on Network & Information Security	Indian Institute of Inf. Tech. & Mgt., Trivandrum	20.5.13 - 31.5.13
7.	K K Sharma, Asso. Professor	National Workshop on Predictive Models in Science & Engg.	NIT, Kurukshetra	24.5.13 - 25.5.13
8.	Paratibha Aggarwal, Asso. Professor	-do-	-do-	24.5.13 - 25.5.13
9.	Yogesh Aggarwal, Asstt. Professor	-do-	-do-	24.5.13 - 25.5.13
10.	Meenu, Asso. Professor	-do-	-do-	24.5.13 - 25.5.13
11.	V K Sehgal, Professor	-do-	-do-	24.5.13 - 25.5.13
12.	Vrinda Gupta, Asso. Professor	National Conf. on Low & High Temperature Appli. of Solar Energy	NIT, Kurukshetra	25.5.13 - 26.5.13
13.	Prakash Chand, Asstt. Professor	National Workshop on Nanoscience & Technology	NIT, Hamirpur	3.6.13 - 7.6.13
14.	Prakash Chand, Asstt. Professor	To carry out measurement of samples related to Ph.D. work	Centre for Material Sci. & Engg., NIT, Hamirpur	15,6.13 - 29.6.13
15.	Priyanka Ahlawat, Asstt. Professor	2 nd Intl. Conf. on Advance in Computer Science & Applications	ACEEE, Lucknow	21.6.13 - 22.6.13
16.	Yash Pal, Asso. Professor	FDP on Real Time Implementation of Power Electronics Technologies	Malaviya NIT, Jaipur	24.6.13 - 28.6.13
17.	Anil Kr. Dahiya, Asso. Professor	-do-	-do-	24.6.13 - 28.6.13
18.	Punit Kumar, Asstt. Professor	Technical discussion on CARS project with the scientists from DRDO & research staff from BPCL	R & D Centre of BPCL, Mumbai	3.8.13 - 6.8.13
19.	Mukesh Kumar, Asstt. Professor	Short term training program on Advances Engg. Optimization thr. Intelligent Techniques	SV NIT, Gujrat	23.9.13 - 27.9.13
20.	Rajender Kumar, Asstt. Professor	-do-	-do-	23.9.13 - 27.9.13
21.	Rajneesh, Asstt. Professor	FDP on Computational Techniques & Research Methodology	Deenbandhu Chhotu Ram Uni. of Science & Tech., Murthal	24.9.13 - 28.9.13
22.	V P Singh, Professor	Accountability & Responsiveness in Scientific Organisations - A Program	Deptt. of Sc. & Tech., Vadodara(Baroda) Gujrat	30.9.13 - 4.10.13
23.	Parveen Aggarwal, Professor	-do-	-do-	30.9.13 - 4.10.13
24.	Rajoo Pandey, Professor	Short term course on Cognitive Radio : A New Paradigm in Wireless	IIT, Kanpur	20.10.13- 22.10.13

N P Singh, Asstt. Professor Gaurav Verma, Asstt. Professor Arvind Kumar, Asstt. Professor Rajender Kumar, Asstt. Professor Mahendra Kr. Murmu, Asstt. Professor	Paradigm in Wireless -dodododo-	-do- -do- -do-	20.10.13- 22.10.13 20.10.13- 22.10.13 20.10.13- 22.10.13 20.10.13-
Gaurav Verma, Asstt. Professor Arvind Kumar, Asstt. Professor Rajender Kumar, Asstt. Professor Mahendra Kr. Murmu, Asstt. Professor	-do-	-do-	20.10.13- 22.10.13 20.10.13- 22.10.13
Arvind Kumar, Asstt. Professor Rajender Kumar, Asstt. Professor Mahendra Kr. Murmu, Asstt. Professor	-do-		20.10.13- 22.10.13
Rajender Kumar, Asstt. Professor Mahendra Kr. Murmu, Asstt. Professor		-do-	
Mahendra Kr. Murmu, Asstt. Professor	-do-		22.10.13
		-do-	20.10.13- 22.10.13
Syed Taqi Ali, Asstt. Professor	3 rd Intl. Conf. on Security, Privacy & Applied Cryptography Engg.	IIT, Kharagpur	21.10.13- 23.10.13
	National workshop on Advance Soft Computing Techniques in Hydrology & its Application	National Institute of Hydrology, Roorkee	21.10.13- 25.10.13
	-do-	-do-	21.10.13- 25.10.13
기원이 하지 않아 아이를 살아 있는데 하지 않아 있다면 아이들에 나는 아이에 하는데 하다 하다.	Intl. Conf. on Elect. EcE, Computer Sci., Math & Phy Edu., & Mgt.	Delhi org. by ICEEMPE	2.11.13
C P Bansal, Asso. Professor	3 rd Intl. Conf. on Materials for the future	Govt. Engg. College, Trichur, Thrissur	6.11.13 - 8.11.13
Shahida Asstt. Professor	Intl. Seminar, Cultures of Memory by the Evaluation Comm.	Eng. & Foreign Languages Uni.,	7.11.13 - 9.11.13
	29th National Convention of Civil Engineers	Shillong	11.11.13- 12.11.13
Saraswati Yadav	National Conf. on	Lucknow Uni.,	29.11.13 - 1.12.13
Chauhan Asstt.	Short term course on Concepts in Wireless Communications	Birla Institute of Tech., Mesra, Ranchi	2.12.13 - 7.12.13
Mahesh Pal,	Hydro 2013 International	IIT, Madras,	4.12.13 - 6.12.13
Arun Goel,	-do-	-do-	4.12.13 - 6.12.13
	50th Annual Convention of Chemists 2013	Panjab Uni., Chandigarh	4.12.13 - 7.12.13
Vikas Mittal, Asso. Professor	Intl. Conf. on Microwave & Photonics	Indian School of	13.12.13- 15.12.13
	58 th DAE - Solid State Physics Symposium 2013	Thapar Uni., Patiala	17.12.13- 21.12.13
Neena Jaggi, Professor	-do-	-do-	17.12.13- 21.12.13
Neeraj Kaushik,	Intl. Conf. on Research in Marketing	IIT, Delhi	21.12.13- 22.12.13
	Asstt. Professor K K Singh, Professor Diwan Singh, Professor Sunita Chauhan Asso. Professor C P Bansal, Asso. Professor Shahida Asstt. Professor Vrinda Gupta, Asso. Professor Saraswati Yadav Asstt. Professor Sudakar Singh Chauhan Asstt. Professor Mahesh Pal, Professor Arun Goel, Professor Jitender Kr. Kapoor, Asso. Professor Vikas Mittal, Asso. Professor Prakash Chand, Asstt. Professor	Asstt. Professor K K Singh, Professor K K Singh, Professor National workshop on Advance Soft Computing Techniques in Hydrology & its Application Diwan Singh, Professor Sunita Chauhan Asso. Professor C P Bansal, Asso. Professor Shahida Asstt. Professor Shahida Asstt. Professor Vrinda Gupta, Asso. Professor Saraswati Yadav Asstt. Professor Sudakar Singh Chauhan Asstt. Professor Arun Goel, Professor Jitender Kr. Kapoor, Asso. Professor Jitender Kr. Kapoor, Asso. Professor Vikas Mittal, Asso. Professor Prakash Chand, Asstt. Professor Neena Jaggi, Professor Neeraj Kaushik, Asso. Professor Neeraj Kaushik, Asso. Professor National Convention Advance Soft Computing Techniques in Hydrology & its Application Advance Soft Computing Techniques in Hydrology & its Application Advance Soft Computing Techniques in Hydrology & its Application Advance Soft Computing Techniques in Hydrology & its Application Advance Soft Computing Techniques in Hydrology & its Application Hudo- Advance Soft Computing Techniques in Hydrology & its Application Intl. Conf. on Materials Application Advance Soft Computing Techniques in Hydrology & its Application Intl. Conf. on Materials Application Advance Soft Computing Techniques in Hydrology & its Application Intl. Conf. on Materials Application Advance Soft Computing Techniques in Hydrology & its Application Intl. Conf. on Materials Application Advance Soft Computing Techniques in Hydrology & its Application Advance Soft Computing Techniques in Hydrology Advance Soft Computer Sci., Math & Phy Edu., & Application Application Intl. Conf. on Research in Marketing	Asstt. Professor K K Singh, Professor K K Singh, Professor National workshop on Advance Soft Computing Techniques in Hydrology & its Application Diwan Singh, Professor Sunita Chauhan Asso. Professor Shahida Asso. Professor Shahida Asstt. Professor Shahida Asstt. Professor Vinda Gupta, Asso. Professor Sudakar Singh Chauhan Asstt. Professor Shahida Asstt. Professor Vinda Gupta, Asso. Professor Shahida Asso. Professor Vinda Gupta, Asso. Professor Shahida Asso. Professor Vinda Gupta, Asso. Professor Shahida Asso. Professor Communications Shillong Mathematics Short term course on Concepts in Wireless Communications Mahesh Pal, Professor Arun Goel, Professor Arun Goel, Professor Vikas Mittal, Asso. Professor Vikas Mittal, Asso. Professor Vikas Mittal, Asso. Professor Vikas Mittal, Asso. Professor Asso. Professor Vikas Mittal, Asso. Professor Vikas Mittal, Asso. Professor Prakash Chand, Asstt. Professor Neenaj Aggi, Professor Narional Convention of Chemists 2013 Neena Jaggi, Professor Neeraj Kaushik, Intl. Conf. on Research in Marketing Narketing Applied Tomputure of Hydrology Roorkee National Institute of Govt. Engg. College, Trichur, Thrissur Eng. & Foreign Laguages Uni., Shillong (Meghalaya) Lucknow Uni., Lucknow Birla Institute of Tech., Mesra, Ranchi IIT, Madras, Chennai Tech., Mesra, Ranchi IIT, Madras, Chennai Thapar Uni., Chandigarh Thapar Uni., Patiala Professor Neeraj Kaushik, Intl. Conf. on Research in Marketing

STOR MAY	Asstt. Professor	& Privacy Protection 2013		25.12.13
48.	Ajay Solkhe Asstt. Professor	Short term course on Fundamentals & Appl. of Structural Equations Modeling	IIT, Roorkee	28.12.13- 29.12.13
49.	Ashwani Kumar, Professor	3 rd Intl. Conf. on Power, Control, Signals & Computation	Vidya Acad. of Sci. & Tech., Thrissur, Kerala	6.1.14 - 11.1.14
50.	Vikas Mittal, Asso. Professor	Seminar on Advancement of Radar Imaging & its Applications	IIT, Roorkee	21.1.14
51.	Vijay Verma, Asst. Professor	National Workshop on Rapid Miner - Tool for Big Data Analysis	ITM, Gurgaon	29.1.14
52.	Vikram Singh, Asstt. Professor	-do-	-do-	29.1.14
53.	Vikas Choudhary Professor	7 th Intl. Research Conf 2014	Indian Edu. Society's Mgt. College & Research Centre, Mumbai	21.2.14 - 22.2.14
54.	Sarika Jain, Asstt. Professor	INDIACom 2014 - Intl. Conf. on Computing for Sustainable Global Development	Bharti Vidyapeeth's Institute of Computer Appli. & Mgt., New Delhi	5.3.14 - 7.3.14
55.	Chandrashekara M, Asstt. Professor	FDP on Art of Teaching: Pedagogical Tools and Techniques Series II	National Institute of Technology, Tiruchirapalli	3.3.14 - 7:3.14
56.	Paratibha Aggarwal Professor	Short term course on Nanomaterials : Synthesis and Characterization	NIT, Kurukshetra	11.3.14 - 15.3.14
57.	Yogesh Aggarwal, Asstt. Professor	-do-	-do-	11.3.14 - 15.3.14
58.	D K Soni, Professor	Short term course on Nanomaterials : Synthesis and Characterization	NIT, Kurukshetra	11.3.14 - 15.3.14
59.	Gaurav Saini, Asstt. Professor	To access Lab facility for Ph.D. work	IIT, Kanpur	20.3.14 - 21.3.14
60.	Pankaj Chandna Professor	Training Workshop on Outcome Based System of Accreditation of NBA	RGPV, Bhopal	20.3.14 - 22.3.14

Sr.No.	Name of the faculty & Designation Prof./Dr./Sh./Ms.	Area of Training	Venue	Duration of Training
1.	Ashavani Kumar,	21st Intl. Conf. on Ion Bean	Seattle,	23.6.13 -
	Asso. Professor	Analysis	Washington, USA	28.6.13
2.	Hari Singh, Professor	2 nd Intl. Symposium on Manufacturing Systems Engg.	Singapore	27.7.13 - 29.7.13
3.	Jatinder Kumar,	Intl. Conf. on Materials	Kuala Lumpur,	27.10.13-
	Asstt. Professor	Sciences & Mech. Engg.	Malasia	28.10.13

4.	Vikas Choudhary Professor	2014 : ISIS - Key West Intl. Multidisciplinary Acad. Conf.	Florida, USA	16.3.14 - 18.3.14
5.	P J Philip,	-do-	-do-	16.3.14 -
- 17	Professor		Control of the control of	18.3.14
6.	Rajender Kumar,	-do-	-do-	16.3.14 -
	Professor			18.3.14

11.8 COURSES AND ADMISSIONS

COURSES OFFERED

UNDERGRADUATE COURSES - B.TECH. DEGREE COURSES

Courses of study are offered in following disciplines:

140 140
140
110
138
138
92
92
92
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-2013 are given below:

Deptt./	M.Tech. Programme	OP	OBC	SC	ST	OP	OBC	SC	ST	Total
School		1				PWD	PWD	PWD	PWD	
Civil	Soil Mechanics &	9	5	3	1	-	1 -	-	-	18
Engineering	Foundation Engg.			CONTRACTOR						ASSAULT TO

	Structural Engg.	9:	: 5	4	1	114	-	- 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	7.5	-	-	-	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	- 1 - 1	10 T F		7 (14)	24
Physics	Instrumentation	10	- 5	3	2	-	-	-	4	20
	Nanotechnology	9	6	2	2	1	-	-	-	20
Mechanical Engg.	Industrial & Production Engg.	10	5	4	1	-	* 1	-	-	20
00	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	VLSI Design	14	8	3	4	2	1	-	-	32
& Embedded System	Embedded System Design	9	5	3	2	-	-	1	2	20
School of Renewable Energy & Efficiency	Renewable Energy Systems	9	5	3	2	1		-		20
,	GRAND TOTAL	182	97	57	29	6.	4	.2	1	378

The duration of each course is four semesters for regular students and five semesters for part-time students.

The Insitute made admissions directly in the academic session in the academic session 2012-13 on (i) sponsored seats and (ii) seats available under TEQIP-II project. In addition direct admissions were also made for two new M.Tech. programmes. The number of seats available in each category for admission through this mode are given below:

(i) Sponsored seats:

Department/School	Programme	Sponsored	Total
Civil Engineering	Soil Mechanics & Foundation Engg.	5	5
	Structural Engg.	5	5
	Water Resources Engg.	5	5
	Tránsportation Engg.	5	5
	Environmental Engg.	5	5
Electrical Engineering	Power System	5	5
	Control System	5	- 5
	Power Electronics & Drives	5	5
Electronics & Comm. Engg.	Electronics & Comm. Engg.	5	5
Mechanical Engg.	Industrial & Production Engg.	5	5
	Machine Design	5	5
	Thermal Engineering	5	5

Physics	Instrumentation	5	5
	Nanotechnology	5	5
Computer Engg.	Computer Engg.	5	5
School of VLSI Design &	VLSI Design	5	5
Embedded System	Embedded System Design	5	5
School of Renewable Energy & Efficiency	Renewable Energy Systems	5	5
School of Biomedical Engg.		5	5
School of Material Science and Nanotechnology		5	5
v	Total	100	100

(ii) New M.Tech. Programmes:

Deptt./School			No	. of sea	its				Programme
	Open	SC	ST	OBC	OP PwD	SC PwD	ST PwD	Total	
School of Biomedical Engg.	9	3	2	5	1		-	20	Biomedical Engg.
School of Material Science & Nano technology	9	3	2	5	1	-		20	Material Science & Nanotechnology
Total	18	6	4	10	2	•	-	40	

ADMISSIONS

UNDERGRADUATE COURSES

Details of candidates admitted to B.Tech. courses in 2013-2014:-

B.Tech.	,			FEMALE	ń			- [FEMALE Total				9	MALE	102					MALE	E Grand
Category	DASA	ICCR	MEA	OBC	НЬ	o do	SC	ST		DASA	ICCR	MEA	OBC	ОВСРИ	d O	O H	S	SC	Ę.	ST	-
Civil Engg.	r			1	_	-	63	4	14	H	64	1	34	1	57		18	1	-	121	135
Computer Engg.	H	,	- 0	7	1	20	4	4	37	ıo		н	17	2	21	1	0		01	55	
Electrical Engg.			H	4		15	H		7 23		67		48	н	47	0	20	-	00	1	- 1
Electronics & Comm. Engg.	. 1		T	v		19	9	4	37	н	н		53	0	64	-	13		6	06	
Production & Industrial Engg.				7	,	v	н	-	10			18.8	22		04	H	10		4	2 22	
Information Technology	140			9	П	14	ıo	4	30				18		25	н	0		8	ID ID	
Mechanical Engg.	н					F 9	н	• н			1	7	36	1	09	64	18		10	138	
Grand Total	က		7	26	77	81	20	20	154	15	9	4	190	ıo	290	00	26	0	n c	CES	

Grand Total 776+30 *ICCR/MEA/DASA = 806

POSTGRADUATE COURSES

Details of sanctioned intake and candidates admitted to M.Tech. courses in 2013-2014:-

Branch				Civil Engg.			Computer Engg.		Electrical Engg.		Electronics & Comm. Engg	Mechanical	Engg.		Physics		School of VLSI Design & Embedded	System	Renewal Energy & Efficiency	School of Biomedical Engg.	School of Material Science & Nanotechnology	
Programme		C (Envir.)	C (S.M.F)	C (Strut.)	C (Trans.)	C (W.R)	Computer	E (C.S.)	E (P.E.D.)	E (P.S.)	BCE	M (M.D.)	M (I &P)	M (Thermal)	Ph (N.T.)	Ph (Inst.)	VLSI Design	E. S.D.	R.E.S	Biomedical Engg.	Material Science and Nanotechnology	Grand Total
	ICCR	. 24															J.			1.4		100
	OBC	1		Н	1	1	64		.1	711	4				1	-						13
Female	OP	7		1	1	7	m		61	1	61		1		ເວ	1	64	1		. ю	1	36
ale	SC										67								1	H		4
	ST	Ä								1	1			1					*		N. I	0
d I	Spon.	14		-		M.						In		100	1					1		0
r Total		8		7	7	8	ro		m	2	6		1	1	22	7	7	1	1	ıo	1	70
	DASA			×			2								0.5	ti	* 10					
	ICCR																					
	OBC	ıo	7	ß	4	4	ıo	ıo	4	9	ıo	ıo	7	9		4	0	7	10	-	H	8
Male	OP	w	7	7	9	ıo	7	9	9	11	4	10	6	13	1	7	12	v	O	4		-
	Hd																					1
	sc		8	7	4	8	m	ıo	60	6	н	4	4	04		1	60	4	64			
	STS	1	1	1	1			m	1	1		н	н	1			4		1			
1 1	Spon.			1			m		1		m						61		1130			
M Total		11	18	16	15	12	18	17	15	21	13	80	21	22	1	12	30	17	41	ıo	6	
Grand Total	- ",	14	18	18	17	15	83	17	18	23	22	20	22	23	9	14	32	18	15	10	10	

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		Numl	er awa	rded		Value (Rs.)
Year	1st	2nd	3rd	Final		
Batches	2013	2012	2011	2010	Total	
Merit Scholarship	84	84	56	21	245	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	88	69	56	21	234	Rs. 740/- p.m. for Boarders &Rs.330/- p.m. for day scholars
Others states	98	93	68	54	313	Students with full exemption from tuition fee.
Others Univ., Railways, P&T, Air-	47	38	21	06	112	As sanctioned by the various departments and concerned agencies.
Force, Jindal Trust, Guru Harikishan Society and NCERT, DTE, DHE, Kalpana Chawla & Dhingra etc. ONGC						
Academic Prizes B.Tech	44	44	147	44	279	Rs. 250/- by way of Technical books and in cash to the passed out students.
Central Scholarship	68	51	34	17	170	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 toper of the batch, in memory of late Sh. Shyam Sunder Dhingra.

POSTGRADUATE

A scholarship of Rs. 8000/- 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. 16,000/- p.m. for 1st & 2nd Year), Rs. 18,000/- p.m. for 3rd year, 4th year and 5th year (for B.E/B.Tech./M.Sc. Equivalent with Valid GATE score above the prescribed cut off level/NET qualification) and Rs. 18,000/- p.m. for 1st & 2nd Year and Rs. 20,000/- p.m. for 3rd & 4th year (for M.E/M.Tech. or Equivalent) is awarded to all eligible students pursuing a regular course of study of Ph.D.

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.	46	86
Information Technology	40	77
Electronics & Comm. Engg.	29	110
Mechanical Engg.	36	92

Electrical Engg.	26	76
Civil Engg.	21	84
Production & Industrial	21	51
Engg. MCA	16	38
M.Tech.	22	94
MBA	2	62

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. 322.50 lacs for 2004-05, 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 and Rs. 1500.00 lacs for 2013-14 are released. The Plan Grant received from Government of India has been earmarked/utilized for construction of various works as per details given below:-

- 1) Construction of Mega Boys' Hostel of 1000 capacity at NIT Kurukshetra.
- 2) Construction of Additional Block of Health Centre at NIT Kurukshetra.
- 3) Construction of New Administrative Block at NIT Kurukshetra.
- 4) Construction of Multi Storeyed Professor Flats in the Institute Campus.
- 5) Providing and Installation of Electrical Sub-station HT/LT distribution i/c Street Lighting & fidder pillars etc.
- 6) Replacement of ACC sheets with Zincalume sheets & renovation of water channel in central/old Workshop at NIT Kurukshetra.
- 7) Replacement of C.I./A.C. water supply lines with centrifugally cast iron pipes in the residences, hostels and instructional building.
- 8) Glazed Tiles flooring in the residences of the Institute.

On-going works:

- 1) Construction of Sewerage Treatment Plant.
- 2) Installation of cold water tank supply pipe line in Boys and Girls Hostels.
- Construction of 600 seater Girls Hostel.
- 4) Construction of 300 seater multi-purpose Boys Hostel including 100 suits for foreign students, research scholars and married PG students of the Institute.

- 5) Construction of 3 storey bearer barrack comprising of 2 blocks to accommodate 96 bearers.
- 6) Construction of Boundary Wall near UHBVN Ltd. office adjoining to the Institute.
- 7) Replacement of existing Electring wirings in Instructional building.
- 8) Provision for lifts for physically disabled persons.

12. RESEARCH WORK

12.1 On going

Sr No	Name & Coordinator of the	Amount sanctioned	Sponsoring Agency	Duration
15	Project	(Rs. in lacs)	8-11-5	
1.	Centre for Water Resource Development & Management by Prof. KK Singh	2.4.2.2	DST, GOI New Delhi	2010-13
2.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. RP Chauhan	15.86	BRNS	2011-14
3.	Changing Water Cycle by Prof. KK Singh		MOEs	2012-15
4.	Distribution System Markets by Prof. Ashwani Kumar	10.08	SERB	2012-13
5.	A Computational Approach Singularly Perturbed Differential Difference Equations with Delay as well as Advace by Associate Prof. ASV Ravikanth	9.12	NBHM	2013-16

12.2 ACHIEVEMENTS DURING THE YEAR

Mechanical Engineering Department

- 1. A 3-days self financed STC on 'CFD Applications in Tribology' was organized in Mech. Engg. Deptt. from April 19-21, 2013 with Dr. Punit Kumar and Dr. Gulshan Sachdeva.
- 2. A delegation of scientists from Combat Vehicle Research & Development Establishment, Chennai, DRDO visited NIT Kurukshetra on Aug.7, 2013.

Physics Department

- Dr. J.K. Quamara was awarded the Excellent Oral Presentation Certificate in the 2nd International Conference on Material Science and Engineering Technology (ICMSET-2013) at London, UK November 16-17, 2013.
- 2. Organised National Conference in Nanomaterials & Instrumentation at Department of Physics, NIT Kurukshetra March 9-10, 2014

3. Organised Self-financed Short Term Course in Nanomaterials: Synthesis and Characterization at Department of Physics, NIT Kurukshetra March 11-15, 2014

Electrical Engineering Department

Lectures Delivered

- 1. Lecture on Distributed Generation Integration in Power Systems delivered at National Conference ESET June, 2013 at NIT Hamirpur by Dr. Ashwani Kumar
- 2. Lecture on Power System Operation in Restructured Environment in TEQIP workshop at NIT Hamirpur, June 2013 by Dr. Ashwani Kumar
- 3. Lecture on FACTS cost recovery during congestion management in Deregulated electricity markets in TEQIP workshop at NIT Hamirpur, July 2013 by Dr. Ashwani Kumar
- 4. Lecture on Soft Computing Technologies in National Conference on Futuristic Trends in Computing, Communiction & Information System (FTTCCIS) organized by Yamuna Institute of Engineering & Technology, Yamunanagar, Haryana, July 2013 by Dr. Sathans
- 5. Lecture on Soft Computing: An Overview in two week Faculty Development Programme on Advances in Signal Processing & its Applications organized by University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra, July 2013 by Dr. Sathans
- 6. Lecture on Design of fuzzy systems in two week Faculty Development Programme on Advances in Signal Processing & its Applications organized by University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra, July 2013 by Dr. Sathans
- 7. Lecture on Soft Computing: Recent Perspectives in one week TEQIP sponsored workshop on Computational Intelligence & Signal Processing organized by Electrical Engineering Department, Deenbandhu Chhotu Ram Univ. of Science & Technology, Murthal, Sonipat, Sept. 2013 by Dr. Sathans
- 8. Lecture on Fuzzy System Design & Applications in one week TEQIP sponsored workshop on Computational Intelligence & Signal Processing organized by Electrical Engineering Department, Deenbandhu Chhotu Ram Univ. of Science & Technology, Murthal, Sonipat, Sept. 2013 by Dr. Sathans
- Lecture on Control Structures in MATLAB at one week short term course on MATLAB Programming for Engineers organized by Civil Engineering Department, NIT Kurukshetra, December 2013 by Prof. G.L. Pahuja
- 10. Lecture on Custom Power Devices at national Conference on Integrated Computational Techniques in Electrical Engineering (ICTEE 2014) organized at Thapar University, Patiala, January 2014 by Prof. R.S. Bhatia
- 11. Lecture on Heuristic Redundancy Optimization at National Workshop on Computational Optimization held at ITM University, Gurgaon, March 2014 by Prof. G.L. Pahuja
- 12. Lecture on Reliability Evaluation of Complex Systems at International Conference on Advances in Electrical, Electronics and Computer Engineering, MIT Moradabad, March 2014 by Prof. G.L. Pahuja

13. Lecture on Nano System Reliability at one week short term course on Nano Materials Synthesis and Characterization organized by Physics Department, NIT Kurukshetra, March 2014 by Prof. G.L. Pahuja

Seminar/Conference/Workshops/Short term courses attended:

- 1. A STC on "Energy Management", held at IIT Bombay during 18-22, Nov. 2013, attended by Dr. Ashwani Kumar and Dr. Saurabh Channana.
- 2. Three day workshop on "Effective teaching and learning Pedagogy", organized by ISTE, at Trivandrum on 05-07 Feb, 2014, attended by Mr. Aeidapu Mahesh, Mr. Sandeep Kakran, Mr. Baidyanath Bag and Mr. Rahul Sharma.
- 3. A two day tutorial programme on 'solar Energy solutions for Industrial Applications' conducted by CPRI, Bangalore during 13th-14thFebruary, 2014, attended by Dr. Giribabu Dynamina, Mr. Kiran Kumar Jaladi, Mr. Amit Kumar and Mr. Shivam.
- 4. A CEP course on ENERGY MANAGMENT at IIT Bombay during 18-22, Nov, 2013 attended by Dr. Yashpal.
- 5. A two day STC on "Hybird Power Generating System", conducted by CPRI, during 11-12, Oct 2013 at Banglore, attended by Dr. Yashpal and Dr. Anil Dahiya.
- 6. A three day STC on "Advance Research & Development Activities", at Bangalore, during 18-20 Nov, 2013, attended by Prof. G. L Pahuja.
- 7. A five day STC on "Hands on Experience on Lab view", at NITTTR Chandigarh during 25-29 Nov 2013, attended by Mr. Amit Kumar.
- 8. A three day STC on "Power Electronics systems and application (PESA 14)" at NIT Rourkela, during 04-06 April, 2014, attended by Mr. Tejavathu Ramesh
- 9. A training program on "Management Capacity Enhancement for Administrators" at IIM Indore during 20-26 Mar, 2014, attended by Prof. G. L Pahuja.
- 10. A workshop on "Smart Transmission Grid Using Synchrophasor Technology", conducted by IIT Kanpur, during 10-14 Dec, 2013, attended by Mr. Pradeep Kumar.
- 11. Three day workshop on "Effective teaching and learning Pedagogy", organized by ISTE, at New Delhi on 05-07 Feb, 2014, attended by Mr. Amit Kumar.
- 12. A three day workshop on "Accreditation and Autonomy" at Kanyakumari on 05-07 Jan 2014, organized by ISTE, attended by Dr. Sathans.
- 13. A three day workshop on "Advances in Energy Research" held at IIT Bombay during 10-12 dec, 2013, attended by Dr. Ratna Dahiya.
- 14. A three day workshop on "High Assurance Embedded Control Software" at IIT Kharagpur, during 10-12 March 2014, attended by Mr. Panduranga Prasad.
- 15. IEEE Conference on Communication System and Network Technologies (CSNT-2014) at NIT Bhopal, during 07-09 April 2014, attended by Mr. Baidyanath Bag.

- 16. International Conference in international Conferences on Control, ICCMA 2013, at Sydney, Australia during Dec. 6-7, 2013, attended by Prof. Sathans.
- 17. International Conference on Electrical Engineering and Technology, (ICEET-2013) at Melbourne, Australia, during Dec. 16-17, 2013, attended by Dr. Saurabh Chanana.
- 18. International Conference on Electrical Engineering and Technology, (ICEET-2013) at Melbourne, Australia, during Dec. 16-17, 2013, attended by Prof. Ashwani Sharma.
- 19. International Conference Computers and Their Applications (ISCA), held at Las Vegas (USA), during March 24-26, 2014, attended by Prof. Lillie Dewan.
- 20. International Conference on Power Systems, Energy, Environment (PSEE 2014), held at Interlaken, Switzerland during Feb. 22-24, 2014, attended by Prof. Ratna Dahiya.
- 21. International Conference on Power Systems, Energy, Environment (PSEE 2014), held at Interlaken, Switzerland during Feb. 22-24, 2014, attended by Prof. K. S. Sandhu.
- 22. International Conference on Communications, Signal Processing and Computers, held at Interlaken, Switzerland during Feb. 22-24, 2014, attended by Prof. A. Swarup.

Electronics & Communication Engineering Department

Workshops/Short term courses attended:

- 1. 'Cognitive Radio: A new Paradign in Wireless' during October 20-22, 2013 at IIT Kanpur (Gaourav Verma, Pankaj Verma, Arvind Kumar, NP Singh, Rajoo Pandev)
- 2. "Management Capacity Enhancement" at IIIM Indore from Oct. 24-30, 2013 (Mohd. Arif)
- 3. "Concepts in Wireless Communication" during December 2-7, 2013 at Birla Institute of Technology, Mesra, Ranch (S.S. Chauhan)
- 4. "Accreditation and Autonomy" at Kanyakumari from Jan. 6-8, 2014 (Arvind Kumar, RK Sharma)
- 5. "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)
- 6. "Effective Teaching & Learning Pedagogy" at New Delhi from Feb. 19-21, 2014 (B.J. Singh)
- 7. "Accreditation and Autonomy" at Kanyakumari from Jan. 6-8, 2014 (Umesh Ghanekar, R.K. Sharma)
- 8. "Speech and Audio Processing" at IIIT Hyderabad from Jan. 17-20, 2014 (Mohd. Arif)
- 9. "Effective Teaching & Learning Pedagogy" at Trivandraum from Feb. 5-7, 2014 (Mohd. Arif)
- 10. "Advances in VLSI Signal Processing" at Department of Electronics & Electrical Communication Engineering at Institute of Technology, Kharagpur (Mohd. Arif)

11. "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

Seminar Organized

The Department organized a two day National Seminar on Indian Economy in The Post Reform Era during April 19-20, 2013.

Lectures Delivered

- 1. Dr. Vikas Choudhary delivered a lecture on "Time Management" in Orientation Course organized by Academic Staff College, KUK on July 15, 2013.
- 2. Dr. Vikas Choudhary delivered a lecture as Resource Person on "Corporate Social Responsibility Implications for Small and Medium Enterprises", in National Conference on Unfolding Management Vistas in MSME's Functionality organized by Quantum School of Business, Roorkee on September 22, 2013
- 3. Dr. Vikas Choudhary delivered a lecture on "Improving Classroom Communication" in Orientation Course organized by Academic Staff College KUK on November 25, 2013.
- 4. Dr. Vikas Choudhary delivered a lecture as Resource Person on "Performance Management" in National Seminar on Emerging HR Practices in North Western Indian Scenario at Rajiv Gandhi Government College, Saha, Ambala on March 8, 2014.
- 5. Dr. Rajender Kumar acted as a Resource Person in an International Conference on Changing Perspectives and Paradigms in Business and Behavioral Sciences organized by School of Behavioral Sciences and Business Studies, Thapar University, Patiala (Punjab) March 28, 2014.
- 6. Dr. Rajender Kumar acted as Chief Guest on the Valedictory Function of a National Seminar on Foreign Direct Investment: Trends, Opportunities and Challenges organized by Department of Business Studies, Himachal Pradesh University, Shimla on March 29, 2014.

Mathematics Department

Research Paper presented in Conferences

Paras Ram, "Revolving Ferrofluid Flow in Porous Medium with Rotating Disk" presented in "ICTAM 2013: International Conference on Theoretical and Applied Mechanics organized by WASET held at Melbourne, Australia during 16-17 Dec., 2013.

Invited Talks

A.S.V. Ravi Kanth delivered an invited talk on "Numericial Solutions for singularly perturbed problems via tension spline with a fitting factor" in the International Conference on Recent Advances in mathematical Sciences and Applications (RAMS-13) conducted by Gayatri Vidya Parishad- Prof. V. Lakshmikantam Institute for Advanced Studies, Vizag during Dec. 19-22, 2013.

Short Term Courses/Conferences/Workshops Attended

Sarasvati Yadav attended and delivered an invited talk "National Conference on Mathematics" organized by Bharat Ganita Parisad at University of Lucknow during Nov. 29- Dec. 1, 2013.

Chemistry Department

Conferences/Workshops/Seminars/Short term courses attended:

- 1. Dinesh Kumar, ISTE-WPLP National workshop on "Institutional Development and Quality Management", Dec. 11-13, 2013 at Hotel Le. Royal Meridien, Chennai.
- 2. Jitender Kumar Kapoor, 50th Annual Convention of Chemists Dec. 4-7, 2013 at Department of Chemistry, Punjab University, Chandigarh.
- 3. Jitender Kumar Kapoor, ISTE-WPLP National workshop on "Institutional Development and Quality Management", Dec. 11-13, 2013 at Hotel Le. Royal Meridien, Chennai.
- 4. Amilan Jose D., ISTE-New Delhi Working Professional learning Project National Workshop on "Effective Teaching and learning pedagogy", held during 5th to 7th Feb. 2014 at KTDC Chaitram Hotel, Trivandrum.
- 5. Ghule Vikas D., ISTE-New Delhi Working Professional learning Project National Workshop on "Effective Teaching and learning pedagogy", held during 5th to 7th Feb. 2014 at KTDC Chaitram Hotel, Trivandrum.
- 6. Ch. Prabakar, ISTE-New Delhi Working Professional learning Project National Workshop on "Effective Teaching and learning pedagogy", held during 19th to 21st Feb. 2014 at Hotel Le Meridien, Janpath, New Delhi.
- 7. Ram K. Tittal, ISTE-New Delhi Working Professional learning Project National Workshop on "Effective Teaching and learning pedagogy", held during 19th to 21st Feb. 2014 at Hotel Le Meridien, Janpath, New Delhi.

Workshop Organised:

Organised a one day National Workshop on "Molecular Engineering and Advanced Chemical Analysis" on 21st Feb. 2014.

Department of Business Administration

Book Published

Dr. Mohammad Firoz's book on "Environment Financial Reporting and Auditing Practices in India', published by Lap Lambert Academic Publishing (29th September 2013)

Computer Engineering Department

The department faculty have visited and presented various research papers in International Conferences abroad.

The placement of B.Tech. students of computer engineering and information technology department were 100%.

12.3 PUBLICATIONS, PATENTS etc.

MECHANICAL ENGINEERING DEPARTMENT

Papers in International/National Journals

- 1. Hari Singh, 2013, "Fabrication and Characterization of Al6063/SiC Composites", Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture (Sage Publication), Vol. 227, No. 12, 2013, pp. 1777-1787.
- 2. Hari Singh, 2013, "Performance Analysis for D-3 Material Using Response Surface Methodology on WEDM" Int. J. Machining and Machinability of Materials (Inderscience) Vol. 14, No. 1, 2013, pp. 45-65.
- 3. Hari Singh, 2013, "Modeling and Analysis of Elongation for Submerged Arc Welded Joints by using Developed Agglomerated Fluxes" Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture (Sage Publication) Vol. 227, No. 7, 2013, pp. 1005-1012.
- 4. Hari Singh, 2013, "XRD and DTA Analysis of Developed Agglomerated Fluxes for Submerged Arc Welding" Journal of Metallurgy (Hindawi Publishing Corporation) Vol. 2013, Article ID 827491, March 2013, pp. 1-8.
- 5. Hari Singh, 2013, "A Review Study of Submerged Arc Welding Fluxes" imanager's Journal on Mechanical Engineering Vol. 3, No. 1, Nov. 2012-Jan. 2013, pp. 44-52.
- Gulshan Sachdeva, 2013, "Thermodynamic Performance Analysis of a Vapor Compression-Absorption Cascaded Refrigeration System" Elsevier Publication, Vol. 75.
- 7. Gulshan Sachdeva, 2013, "Exergy 'Analysis of a Vapor Compression Vapor Absorption Cascade System" World Scientific Publication, Vol. 21, No.4.
- 8. Gulshan Sachdeva, 2014, "Energy Analysis of a Vapor Compression System Cascaded With Ammonia-Water Absorption System" World Scientific Publication, Vol. 22, No.1.

- 9. Gulshan Sachdeva,2014, "Performance Study of Cascade Refrigeration System Using Alternative Refrigerants" World Academy of Science Engineering & Technology, Vol. 8, No.3
- 10. Punit Kumar, 2014, "Elastohydrodynamic Lubrication Model With Limiting Shear Stress Behavior Considering Realistic Shear-thinning and Piezo-Viscous Response" ASME, DOI:10.1115/1.4026111 Vol. 136
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CIVIL ENGINEERING DEPARTMENT

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- 2. Rifat Akbar, Minati Baral and B. K. Kanungo, The international conference on "Interdisciplinary Areas With Chemical Sciences (ICIACS-2013)" was attended and poster presentation of paper entitled "EXPERIMENTAL AND THEORETICAL APPROACH OF SPECTROPHOTOMETRIC PROPERTIES OF Eu(III) and Tb(III) COMPLEXES OF TRIS(METHOXYMETHYL)-5-OXINE TRIPOD" organized by Punjab University, Chandigarh In association with Institute of Nano Science and Technology (INST), Mohali during 30th Oct.-1st, 2013.
- 3. Rifat Akbar, Minati Baral and B. K. Kanungo, 6th national conference on Recent Advances in Chemical & Environmental Sciences (Including Biological

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- 11. Rameshwar Dass, Jitander Kumar Kapoor and Sunita Gambhir, Determination of molybdenum in environmental samples of diverse matrices by flame atomic absorption spectroscopy, " 50th Annual Convention of Chemists Dec 4-7, 2013 at Department of Chemistry, Punjab University, Chandigarh (PP –AEC-06)

PHYSICS DEPARTMENT

Papers in International/National Journals

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COMPUTER ENGINEERING DEPARTMENT

Forty research papers have been published by the faculty members of the Department in various International/National Journals and International/National Conferences during the year 2013-14.

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HUMANITIES DEPARTMENT

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DEPARTMENT OF BUSINESS ADMINISTRATION

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- Neeraj Kaushik, "Cyber crime against women", Global Journal of Research in Management June, 2014 ISSN: 2319-8915
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12.4 R & D INCOME & EXPENDITURE

Sr. No.	Scheme Investiga	7	cipal	Amount ava upto 2013-1	Amount utilized	Balance on 31.3.2014
1.	Centre Resource	for Develo	Water,	24414161616161	 0.88	0.95

	Management by Prof. KK Singh	-		
2.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. RP Chauhan	15.37	8.05	7.32
3.	Changing Water Cycle by Prof. KK Singh	6.20	6.18	0.02
4.	Distribution System Markets by Prof. Ashwani Kumar	6.27	3.46	2.81
5.	A Computational Approach Singularly Perturbed Differential Difference Equations with Delay as well as Advace by Associate Prof. ASV Ravikanth	3.36	0.78	2.58

AUDIT REPORT AND AUDITED STATEMENT OF ACCOUNTS FOR THE YEAR 2013-2014



NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA - 136119

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AUDIT REPORT AND

AUDITED STATEMENT OF ACCOUNTS FOR THE YEAR 2013-2014

Sr. No.	Particulars	Page No.
1.	Audit Certificate	(i-v)
2.	Balance Sheet	(1)
3.	Income & Expenditure & Account	(2)
4.	Schedule 1 to 15	(3-15)
5.	Notes on Accounts	(16)
6.	Receipt & Payment Account	(17-19)

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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 and Receipts and Payments Account dealt with by this report have been drawn up[in the format prescribed by the Government of India, Ministry of Finance.
- III. In our opinion, proper books of accounts and other relevant records have been maintained by the national Institute of Technology, Kurukshetra as required under Section 22 of the National Institute of Technology Act, 2007 in so far as it appears from our examination of such books.
- IV. We further report that:
- A. Balance Sheet
- A.1. Liabilities
- A.1.1 Earmarked/Endowment Funds (Schedule-3)

Institute Development Fund (Consultancy): ₹5231.20 lakh

Rule 2 of the rules carrying the testing/consultation work at the college (now Institute) as decided by the Board of Governors in its meeting dated 02.04.1974, states that all fees in connection with consultation/ testing work and research work should be received in the name of Principal (now Director). The remuneration to the staff will be paid by the college/ Institute on approval basis, as given in the relevant clauses.

The institute has created Institute Development Fund for transferring the income after deducting expenditure on realisation of consultancy income.

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 ₹ 659.91 Lakh (? 586.56 Lakh earned upto the year 2012-13; and ₹ 73.35 Lakh earned during the year 2013-14). This should have been taken as income of the Institute instead of liability.

This resulted in overstatement of Earmarked/ Endowment funds and understatement of Capital Fund by ? 659.91 Lakh each, besides understatement of Surplus of the current year by ? 73.35 Lakh.

A.1.2 Above includes minus balances of ₹341.22 Lakh (₹304.33 Lakh + ₹36.88 Lakh) and ? 2860.62 Lakh (₹667.81 Lakh + ₹2192.81 Lakh) of Non Recurring Grant respectively receivable from MHRD, GOI. These should have been shown under Current assets (Grant Recoverable). This has resulted in understatement of Earmarked/Endowment funds as well as of Current Assets Loan & Advances by ₹3201.84 Lakh each.

A.2. Assets

A.2.1 Fixed Schedule-6): ₹ 18668.62 Lakh

A.2.1.1 A reference is invited to Note on accounts at Sr. No. 4 which states that while preparing annual accounts depreciation on fixed assets has been charged as per rate specified in Income Tax Act 1961.

However, Motor Cars were included in Vehicle-Bus & Motor van and depreciation on Motor cars has also been charged at the arte of 30% instead of applicable rate of 15%. Thus, exercise needed to be made to work out the exact depreciation.

Thus this has resulted in understatement of Fixed Assets as well as Deferred Government Grant to the extent of excess depreciation charged.

- **A.2.1.2** Above does not include Honda City car valuing ₹8.95 Lakh purchase from Institute Development Fund vide voucher no. 745 dated 31.03.2013. The amount was charged as expenditure in Earmarked/Endowment Funds in the previous year 2012-13, however the same has not been shown as asset.
- **A.2.1.3** Library books include payment of ₹7,21,912/- made n account of print- journals subscription for the period January 2014 to December 2014. Out of this, payment of ₹1,80,478/- of three months of January 2014 to March 2014 pertains to current financial year and should have been charged as expenditure of the current financial year and payment of ₹ 5,41,434/- for the period of April 2014 to December 2014 pertains to the financial year 2014-15 and should have been treated as advance. Further, depreciation for ₹2,16,574/- (@60% for half year) has also been charged on ₹ 7,21,912/- as expenditure. This has resulted in overstatement of Fixed Assets by ₹5,05,338/- (₹ 7,21,912/- ₹ 2,16,574/-) understatement of Current Assets by ₹5,41,334/- and understatement of Expenditure by ₹36,096/- (? 2,16,574/- ₹1,80,478/-).

A.2.2 Current Assets, Loans and Advances (Schedule-8): ₹8681.47 Lakh

Accounting standard- 15 relating to the retirement benefits describes that "When an employee has rendered services to an enterprise during an accounting period, the enterprise should recognise the undiscounted amount of short term employee benefits expected to be paid in exchange for that service:

a) As a liability (accrued expenses) after deducting any amount already paid. If the amount already paid exceeds the undiscounted amount of benefits, an enterprise should recognise that excess as an asset (prepaid expense) to the extent that the prepayment will lead to, for example, a reduction in the future payments or a cash refund; and

b) As an expense, unless another accounting Standard requires or permits the inclusion of the benefits in the cost of an asset (see, for example, AS 10 Accounting for Fixed Assets).

The Institute has shown accumulation of ₹3056.31 Lakh on account of Gratuity and Leave Encashment, as Gratuity Assets (₹1575.06 Lakh) and Accumulated Leave Encashment Assets (₹1481.25 lakh) under Assets which is in contravention of accounting standard- 15 of retirement benefits. The accumulations include provision of ₹827.15 Lakh (₹531.42 Lakh + ₹295.73 Lakh) made during the year 2013-14.

However, actual expenditure of $\P141.96$ Lakh ($\P91.55$ Lakh - $\P50.41$ Lakh) on account of Gratuity and Leave Encashment has been charged on cash basis in the Income & Expenditure Account.

Above has resulted in overstatement of Current Assets Loan & Advances (Gratuity Assets and Accumulated Leave Encashment Assets) and understatement of Current Assets Loans & Advances (Grant Recoverable from MHRD) by ₹3056.31 Lakh (₹1575.06 Lakh + ₹1481.25 Lakh) besides understatement of expenditure of the current year by ? 685.19 Lakh (₹531.42 Lakh + ₹295.73 Lakh - ₹91.55 Lakh - ₹50.41 Lakh).

Thus, though Current Assets Loan & Advances have not been affected but Expenditure of the current financial year is understated by ₹685.19 Lakh.

B. Income & expenditure Account

B.1 Expenditure

B.1.1 Establishment Expenditure (Schedule-13): ₹8440.75 Lakh

Above includes payment of $\ref{7.30}$ Lakh as Bonus to employees for the previous year 2012-13, this should have been taken as prior period expenditure.

Provision for ₹6.91 Lakh for payment of Bonus to the employees for the year 2013-14 has not been made.

Above has resulted in understatement of Current Assets (Grant Recoverable) and understatement of Current Liabilities by ₹6.91 Lakh each.

- B.1.2 Other administrative Expenses (Schedule-14): ₹1332.77 Lakh
- B.1.2.1 Above includes payment of ₹59,30,136/- for e-journals for the period January 2013 to December 2013. Out of this, payment of ₹14,82,534/- for the period January 2013 to March 2013 pertains to the previous financial year i.e. 2012-13, this should have been charged as Prior Period Expenses.

This has resulted in overstatement of Expenditure of the current financial year and understatement of Prior Period Expenses by ₹ 14,82,534/-.

B.1.2.2The Institute entered into Annual Maintenance Contract of Campus wide networking Phase-I at NIT Kurukshetra for a period of three years from 11/2012 to 10/2015 with M/s OST Electronics Ltd. Chandigarh and the payment was to be released by the Institute in six equal instalments at the end of every six months.

It was observed that above includes payment of ₹6,36,707/- on account of AMC charges subscription for the period November 2012 to april 2013. Out of this, payment of ₹5,06,517/- (for the period November 2012 to March 2013) pertains to previous financial year 2012-13 and should have been charged as Prior Period expenses.

This has resulted in overstatement of expenditure of the current financial year and understatement of Prior Period Expenses by ₹5,06,517/-.

I. Further, liability for expenditure of ? 11,67,296/- for the period 05/2013 to 03/2014 has not been provided in accounts.

This has resulted in understatement of Current Liabilities & Provisions as well as of Current Assets Loan & Advances (Grant Recoverable) by ₹11,67,926/-.

C. Contingent Liabilities (Schedule- 16)

Above has been stated as NIL. However, contingent liability on account of arbitration award passed (07 September 2013) by Additional; District Judge, Kurukshetra for payment of ₹22.08 Lakh plus interest @ 12% per annum to Sh. Krishan Kumar Goel a contractor against which the Institute has gone into appeal, was not shown.

D. Notes on Accounts

Note at Sr. No. 6 relating to retirement benefits stating that provision for retirement gratuity and accumulation of leave has been made as suggested by audit, is deficient to the extent that it does not disclose the specific method vis accrual basis or cash basis adopted by the Institute for calculation of liability on account of retirement benefits.

E. General

- **E.1** The Institute has not implemented the format of financial statements approved by Ministry of Human Resource Development, Govt. of India vide its D.O. No. 8-2/2012-UIA dated 07 February 2012 to be implemented from the current financial year 2013-14 and has prepared its accounts as per the old Common Format of accounts.
- **E.2** The fact that the accounts of the Institute have been prepared in the Common Format of Accounts has not been disclosed.

E.3. Investment of Employee Provident Fund

Ministry of Finance, GoI,s notification F.No. 5(88)/2006-PR dated 14 August 2008 prescribes the pattern of investment to be followed by Non- government ProvidentFunds, as per which percentage of amount to be deposited in term Deposit Receipts issued by Scheduled Commercial banks can't excedd 40. However, the Institute, out of total funds of ₹6.49 crores in Employee Provident Fund is investing the funds of ₹4.68 crores (68.80%) in Term Deposit Receipts issued by the banks and the remaining funds of ₹1.83 crores (31.20%) in saving bank accounts, thus, contravening the guidelines issued by the Ministry of Finance, Government of India.

E.4. Fixed Assets: (Schedule-6)

Schedule 8 of Fixed Assets was not showing the details of the Gross Block and Depreciation in accordance with the Common Format of Accounts (approved by the Ministry of Finance, Govt. of India vide notification dated 26 May 1999), on which basis financial statements of the current financial year have been prepared by the Institute.

- **E.5** The fact that interest of CPF of ₹316.75 Lakh has been included in liability of CPF Fund under earmarked/ Endowment Funds instead of consideration as Income as per past practise has not be disclosed.
- **E.6** The facts that funds of MCA Account have been de-merged from the Main Account and have been shown separately under Capital Fund from the current year onwards has not been disclosed.
- **E.7** The fact that calculation for liability on account of retirement benefits on accrual basis have been made by the Institute on its own rather than by appointing any actuary/ agency has not been disclosed.
- **E.8** The particular at column No. 1 of the Schedule of Fixed Assets has wrongly been inserted as Gross Block instead of Net Block.

F. Grant in Aid

Out of the available funds of ₹10438.72 Lakh (Plan- Non Recurring ₹1500.00 Lakh and Non

Plan-Recurring ₹8938.72 Lakh), including Grant in Aid received during the year ₹5900.00 Lakh (Plan Non-Recurring ₹1500.00 Lakh and Non Plan-Recurring ₹4400.00 Lakh), previous year balance of ₹2252.15 Lakh (Non Plan Recurring ₹2252.15 lakh) as per Utilization certificates (the unutilized balance of ? 1.18 crores in previous year was balances with banks as per Receipts & Payments account but actual unutilized balance was ₹2252.15 Lakh), and internal income of ₹2286.57 (Non Plan Recurring), the Institute could utilize the sum of ₹10814.12 Lakh (Plan Non Recurring ₹1841.21 Lakh and Non Plan Recurring ₹8972.91 Lakh). Thus, expenditure of ₹375.40 Lakh (Plan Non Recurring ₹341.21 lakh and Non Plan Recurring ₹34.19 Lakh) was made in excess of available funds. Grant of ₹900.00 Lakh (Plan Non recurring ₹500.00 Lakh and Non Plan Recurring ₹400.00 lakh) was received in the month of March 2014.

Besides, out of the available funds of ₹632.46 Lakh of project of Technical Education Quality Improvement Programme (TEQIP) including opening balance ₹442.68 Lakh, grant received during the year ₹150.00 Lakh and internal income of ₹39.78 Lakh, the Institute could utilize a sum of ₹367.70 lakh leaving an unspent balance of ₹264.76 Lakh.

G. Annexure

- a. 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 valuable such as cash and stock.
- 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 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 ansd has not been transferred in the name of Director, National Institute of Technology, Kurukshetra till to date.
- b. Institute has got conducted it's Internal Audit through a firm of Chartered Accountants. Internal Audit system was found to be deficient in the following areas:
- i. No internal Audit manual has been formulated by the Institute.
- ii. Scope of Internal Audit has not been defined by the Institute.
- c. Physical Verification of Fixed assets for the year 2013-14 was under progress.
- d. Physical Verification of Inventory for the year 2013-14 was under progress.
- e. The Institute is regular in depositing the statutory dues.

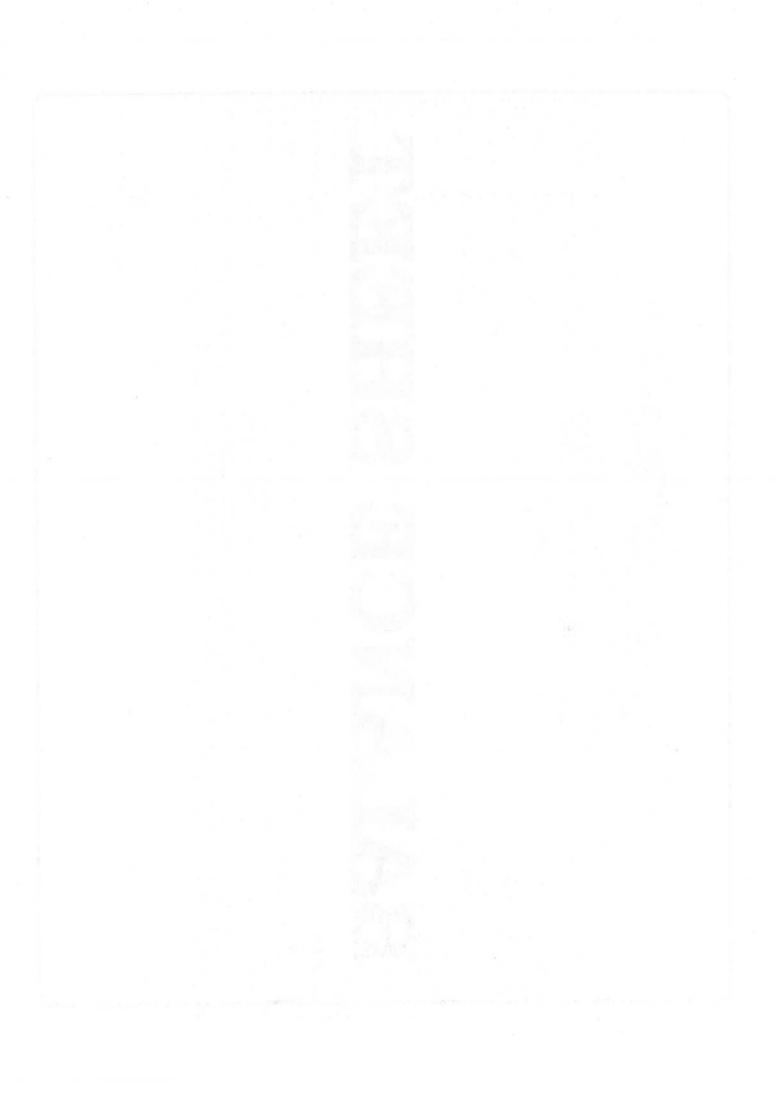
Place: Chandigarh

Date: 01.12.2014

For and on behalf of the C&AG of India

Sd/-Director General of Audit (Central), Chandigarh

BALANCE SHEET



NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA BALANCE SHEET AS ON 31ST MARCH 2014

LIABLITIES	Schedule			Current Ye	Current Year Amount (₹)			Previous Year Amount (₹)
		Main A/c	Scheme A/c	MCA	TEQIP-II A/c	Other A/c	Total	25
CORPUS/CAPITAL FUND	1	712,766,046		155,165,677			867,931,723	701,526,169
RESERVE AND SURPLUS	7	•	•		21,840,280		21,840,280	6,195,362
EARMARKED/ENDOWMENT FUNDS	3	487,396,880	3,529,108		27,319,010	4,874,504	523,119,502	166,565,665
DEFERRED GOVT. GRANTS	4	1,802,113,226	6,236,018	*		2 1 2 1 2 1 2 E	1,808,349,244	1,900,880,000
SECURED LOAN AND BORROWINGS						•	-	
UNSECURED LOAN & BORROWINGS						•	-	•
CURRENT LIABILITIES AND PROVISIONS	ıs	484,676,468		192,097	208,240		485,076,805	896,354,926
TOTAL		3 486 052 620	9 765 126	155 357 774	40 367 530	4 874 504	3 706 317 554	3 671 500 100
ASSETS		0,000,000,000	2000					
FIXED ASSETS	9	1,802,113,226	6,236,018	36,672,525	21,840,280	The second	1,866,862,049	1,948,348,753
INVESTMENTS	7	846,710,016		110,849,078	9,789,732	3,959,875	971,308,701	947,300,592
CURRENT ASSETS, LOANS AND ADVANCES	8	838,129,378	3,529,108	7,836,171	17,737,518	914,629	868,146,804	775,872,777
TOTAL		3,486,952,620	9,765,126	155,357,774	49,367,530	4,874,504	3,706,317,554	3,671,522,122
NOTES ON ACCOUNTS	15							
CONTINGENT LIABLITIES	16							

Sd/-Director National Institute Of Technology, Kurukshetra



EXPENDITIONEE INCOME & ACCOUNT

Sd/. Director National Institute Of Technology, Kurukshetra

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2014 NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

INCOME	Schedule			Current ye	Current year Amount (₹)			Previous Year Amount (₹)
		Main A/c	Scheme A/c	MCA A/c	TEQIP-II A/c	Others A/c	Total	
Grants/Subsidies	6	779,750,833	2,549,094		21,124,574		803,424,501	442,785,541
Fees/Subscriptions	10	123,333,344		22,084,835			145,418,179	183,384,697
Interest Earned	11	74,629,018	319,641	8,526,706	2,842,839	280,364	86,598,568	97,165,948
Other Income	12	425,928,669	1,287,195	654,053	62,000		427,931,917	377,148,832
		-						
TOTAL (A)		1,403,641,864	4,155,930	31,265,594	24,029,413	280,364	1,463,373,165	1,100,485,018
EXPENDITURES								
Establishment Expenses	13	840,828,416	367,266	2,666,256	212,649	1000000	844,074,587	375,301,898
Other Administrative Expenses	14	110,150,307	2,181,828	32,740	20,911,925		133,276,800	47,483,186
Depreciation	9	223,450,168	1,247,580	4,648,813			229,346,561	353,181,943
TOTAL (B)		1,174,428,891	3,796,674	7,347,809	21,124,574		1,206,697,948	775,967,027
Excess of Income over Expenditure (A-B)		229,212,973	359,256	23,917,785	2,904,839	280,364	256,675,217	324,517,991
Transfer to Earmarked Fund		55,049,849	359,256		2,904,839	280,364	58,594,308	4,391,301
Transfer to Current Liabilities		1	*	1		24		
BALANCE BEING SURPLUS/DEFICIT CARRIED TO CORPUS		174,163,124		23,917,785	ī		198,080,909	320,126,690

SCHEDULES



SCHEDULE 1

CAPITAL FUND ACCOUNT

Particulars	Curre	Current year Amount (${\cite{k}}$)	(≩)	Previous Year Amount (₹)
	Main A/c	MCA A/c	Total	
Balance as at the beginning of the year	570,278,277	131,247,892	701,526,169	1,642,418,316
Less: Amount Transferred to Deferred Income/CPF adhering applicable norms	31,675,355	31	31,675,355	1,261,018,837
	538,602,922	131,247,892	669,850,814	381,399,479
Add: Excess of Income over Expenditure during the year	174,163,124	23,917,785	198,080,909	320,126,690
Closing Balance	712,766,046	155,165,677	867,931,723	701,526,169

Sd/Director
National Institute Of Technology,
Kurukshetra

SCHEDULE 2

RESERVE AND SURPLUS

SCHEDULE 2 -RESERVE AND SURPLUS	Current year Amount (mount (□)	Previous Year Amount ()	Amount (□)
(A) - TEQIP - II				
Balance as at the beginning of the year	6,195,362		677,007	
Add- Fixed Assets Purchased during the year	15,644,918		5,518,355	
Closing Balance (A)		21,840,280		6,195,362
TOTAL (A)		21,840,280		6,195,362

Sd/. Director National Institute Of Technology, Kurukshetra

SCHEDULE 3-	Opening Balance as	Additions	Other			Utilisation/Exp. Towards obj. of Fund during the Year	. Towards obj. ng the Year		Closing
EARMARKED/ENDOWMENT FUNDS	on 01.04.2013	to the funds	Іпсоше	Total	Capital Exp.	Revenue Exp.	Refund/ Advances	Total	on 31.03.2014
(A) MAIN ACCOUNT									
1- Non Recurring Grant from Govt. of India									
(a) Capital Assets		100,000,000	ľ	100,000,000	130,433,384			130,433,384	(30,433,384)
(b) General		50,000,000		20,000,000		53,688,390		53,688,390	(3,688,390)
2- Institute Development Fund (Consultancy)	58,655,649	9,252,982	1	67,908,631		1,917,382		1,917,382	65,991,249
3- Student Fund	49,927,808	23,309,906		73,237,714		11,728,707		11,728,707	61,509,007
4- Recurring Grant (GOI)									
(a) Salary		221,000,000		221,000,000		287,781,073	-	287,781,073	(66,781,073)
(b) General		219,000,000		219,000,000		438,281,370		438,281,370	(219,281,370)
5- General Provident Fund Account	589,375,100	35,655,892	55,049,849	680,080,841	2				680,080,841
Total (A)	697,958,557	658,218,780	55,049,849	1,411,227,186	130,433,384	793,396,922		923,830,306	487,396,880
(B) Scheme Account	4,941,284	3,334,178	359,256	8,634,718	1,733,608	2,549,094	822,908	5,105,610	3,529,108
Total (B)	4,941,284	3,334,178	359,256	8,634,718	1,733,608	2,549,094	822,908	5,105,610	3,529,108
(C) TEQIP Account - II	46,183,663	15,000,000	2,904,839	64,088,502	15,644,918	21,124,574	•	36,769,492	27,319,010
(D) Other Accounts	6,857,261	177,480	280,364	7,315,105	2,440,601	•	,	2,440,601	4,874,504
Total (A+B+C+D)	755,940,765	676,730,438	58,594,308	1,491,265,511	150,252,511	817,070,590	822,908	968,146,009	523,119,502

Sd/-Director National Institute Of Technology, Kurukshetra

SCHEDULE 4 -DEFERRED GOVT. GRANTS	Current Year Amount (₹)	: Amount (₹)	Previous Year Amount (₹)	Amount (₹)
(A) - Main Account				
Balance as at the beginning of the year	1,895,130,010	3.		
Add- Fixed Assets Purchased during the year	130,433,384		485,340,895	
Add: Amount Transferred from Corpus Fund adhering applicable norms			1,598,078,049	
Less: Amount Transferred To Income And Expenditure Account	223,450,168		188,288,934	
Closing Balance (A)	- T	1,802,113,226		1,895,130,010
(B) - SCHEME				
Balance as at the beginning of the year	5,749,990		7,874,823	
Add- Fixed Assets Purchased during the year	1,733,608		438,720	
Less: Amount Transferred To Income And Expenditure Account	1,247,580		1,367,738	
Less: Amount Transferred to Scheme Account adhering applicable norms	C		1,195,815	
Closing Balance (B)	e v	6,236,018		5,749,990
TOTAL (A+B)		1,808,349,244		1,900,880,000

Sd/-Director National Institute Of Technology, Kurukshetra

Sd/-Director National Institute Of Technology, Kurukshetra

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31ST MARCH 2014 NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

CURRENT LIABILITIES & PROVISIONS

SCHEDULE 5

Doctionion		Current Year Amount (₹)	Amount (₹)		Previous Year
ratuculais	Main A/c	MCA	TEQIP A/c	Total	Amount (₹)
CURRENT LIABILITIES:-		2 1			+
1- Consultancy	8,617,289	j.	E	8,617,289	11,376,674
2- Other Liabilities	127			•	
a) Misc. Recovery & Payment	32,550,280	ř	E 181 6 0	32,550,280	225,157
b) Scholarship Payable	12,821,568		Tr.	12,821,568	5,585,943
c) Pradhan Mantri Gram Sadak Yojna	350,727	ā	1	350,727	350,727
d) Contractor Security	7,658,218	,	1	7,658,218	14,455,251
e) Performance security	235,679	·	•	235,679	142,104
f) Hostel Security	1	•	1		5,093,350
g) House Security	20,000		1	20,000	62,000
h) Library Security	22,250		r.	22,250	9,250
i) Student Security	18,520,100	19,484	E	18,539,584	25,130,328
j) Other Security	1,500		r	1,500	1,500
k) Alumni Association	3,500		9	3,500	332,591
I) Earnest Money	7,608,197	1	208,240	7,816,437	14,479,403
m) Practical Examination	18,000	1		18,000	19,010
n) TDS Payable	8,320,792	1:	1	8,320,792	7,410,595
o) Salary and Wages Payable	23,576,992	172,613	1	23,749,605	16,746,203
p) Pension Payable	13,079,767		₽¢.	13,079,767	1
q) Other Payable (Electricity, FMA & LSC etc)	2,710,089	T:		2,710,089	
r) Tuition Fees Received in Advance	42,930,302	1	C	42,930,302	1
s) NIC	1	1	•	•	28,985
t) NIMCET	•	,	•	î.	93,853
PROVISIONS:-				ì	
1- Gratuity	157,505,853		1	157,505,853	113,519,090
2- Accumulated Leave Encashment	148,125,365	1	•	148,125,365	123,593,167
TOTAL	484,676,468	192,097	208,240	485,076,805	338,655,181

SCHEDULE 6 - FIXED ASSETS	Opening Balance as on 01.04.2013	Addition on or before 30.09.2013	Addition on or after 01.10.2013	Sales/Adjustment during the year	Total Amount	Rate	Depreciation During the year	Closing Balance as on 31.03.2014
(A) MAIN ACCOUNT	GROSS BLOCK							
1- Land Freehold	1,375,320	1	•		1,375,320	%0	•	1,375,320
2- Building	1,667,990,296	66,787,489	25,677,689		1,760,455,474	10%	174,761,663	1,585,693,811
3- Plant & Machinery	25,680,572	796,348	3r 3		26,476,920	15%	3,971,538	22,505,382
4- Vehicle- Bus & Motor Van	701,994	1,826,677	373,500		2,902,171	30%	814,626	2,087,545
5- Vehicle - Cycle Rickshaw	4,167	10,100			14,267	15%	2,140	12,127
6- Furniture & Fixture	37,027,772	1,852,570	2,905,528		41,785,870	10%	4,033,311	37,752,559
7- Computer/Peripherals	13,051,476	4,076,700	12,882,785	122,773	29,888,188	%09	14,068,077	15,820,111
8- Electrical Equipments	143,060,239	3,892,744	5,982,228		152,935,211	15%	22,491,615	130,443,596
9- Library Books	2,865,219	734,133	2,814,362	26,696	6,357,018	%09	2,969,902	3,387,116
10- Tube well & Water Supply	3,372,955				3,372,955	10%	337,296	3,035,659
11- Capital Work in Progress	3	249,108,50	156,412,19	405,520,69		%0		
TOTAL - A	1,895,130,010	104,887,611	66,277,311	40,731,538	2,025,563,394		223,450,168	1,802,113,226
(B) Scheme								
a) Plant & Machinery	4,773,336	686,802	850,225		6,310,363	15%	882,788	5,427,575
b) Computer & Peripheral	249,902	149,929	29,000	16,800	412,031	%09	238,519	173,512
c) Library Books	93,570	•	,		93,570	%09	56,142	37,428
d) Electrical Equipments	83,546	•	14,995		98,541	15%	13,657	84,884
e) Furniture & Fixture	549,636	10,747	8,710		569,093	10%	56,474	512,619
TOTAL -B	5,749,990	847,478	902,930	16,800	7,483,598		1,247,580	6,236,018
(с) твор-п								
a) Goods				•				
b) Books & LRs			8,527,153		8,527,153			8,527,153
c) Equipment	5,202,691	377,267	3,730,811		9,310,769			9,310,769
d) Furniture	992,671	110,297	. 14,593		1,117,561			1,117,561
e) Civil Work		r	2,884,797		2,884,797			2,884,797
TOTAL - C	6,195,362	487,564	15,157,354	•	21,840,280			21,840,280
(D) MCA A/c								
a) Building	38,679,407	•	3.		38,679,407	10%	3,867,941	34,811,466
b) Computer & Peripheral	299,464	•			599,464	%09	359,678	239,786
c) Electrical Equipments	674,844	•		•	674,844	15%	101,227	. 573,617
d) Furniture & Fixture	972,447	•	•		972,447	10%	97,245	875,202
e) Library Books	347,229		47,947		395,176	%09	222,722	172,454
TOTAL - D	41,273,391		47,947		41,321,338		4,648,813	36,672,525
GRAND TOTAL(A+B+C+D)	1,948,348,753	106,222,653	82,385,542	40,748,338	2,096,208,610		229,346,561	1,866,862,049

Sd/-Director National Institute of Technology, Kurukshetra

SCHEDULE 7 - INVESTMENTS	Current Year Amount (₹)	Previous Year Amount (₹)
(A) Main Account FDR's		
a) CPF A/C		
1- State Bank of India, NIT, Kurukshetra	23,438,740	5,000,000
2- State Bank of Patiala, Kurukshetra	34,363,218	31,731,243
3- State Bank of Bikaner & Jaipur, Kurukshetra	128,635,970	118,725,677
4- IDBI Bank, Kurukshetra	111,970,529	85,019,657
5-Canera bank	169,493,361	169,493,361
b) Main Current Account	349,069,460	406,078,926
c) Student Activity Fund	29,738,738	7,462,208
TOTAL (A)	846,710,016	823,511,072
B) Other FDR's		
a) Scheme Account		4,000,000
b) TEQIP Account - II	9,789,732	36,812,664
c) Other Accounts	3,959,875	6,011,658
d) MCA	110,849,078	76,965,198
TOTAL (B)	124,598,685	123,789,520
TOTAL(A)+(B)	971,308,701	947,300,592

Director

National Institute Of Technology,

Kurukshetra

Packed Recount Pack	SCHDULE 8 - CURRENT ASSETS, LOANS AND ADVANCES	Current Year Amount (₹)	mount (₹)	Previous Year Amount (₹)	mount (₹)
PEP PEP	A- Main Account				
PPI In 3.278.811 In 11.319.998 Mean SAF) 11.31.340,432 107/253.383 Mean SAF) 11.31.340,432 107/253.383 169. OCC/CPWD 8,682,970 168,091.948 7,441,605 169. CC/CPWD 16,032,735 7,441,605 169. CPP 16,032,735 144,1605 144,1605 CPP 16,032,735 2,114,163 144,1605 CPP 16,032,735 2,113 2,113 ges/Insurance 73,482 2,113 2,113 mb Employees 5,870,338 183,125,365 1,131 1,131 m Employees 5,870,338 148,125,365 1,215,40 753,138 Frozal Lecarbe 3,529,108 883,129,378 7,530,203 7,530,203 not receive 943,124 7,730,842 7,730,842 7,730,842 7,730,842 1,915,796 not receive 9,600,00 17,737,518 7,730,842 9,777 7,730,842 not receive 6,967,131 7,836,171 7,730	1- Bank Balances		148,313,324		135,517,032
Automatic Auto	a) SBI Saving A/c (CPF)	18,278,811		11,313,998	The state of the s
Acceive Acce	b) SBI Saving A/c (Main)	121,340,432		107,253,383	
A/C (Main TDS)	c) IDBI Saving A/c (Main SAF)	11,111		9,508,046	
CPN 168,091,948 169,032,750 169,032,750 169,032,750 169,032,750 169,032,750 169,032,750 13,665,335 35,510,983 13,665,335 13,	d) IDBI Bank Saving A/c (Main TDS)	8,682,970	4	7,441,605	
OPP() 160.032,750 146,032,750 146,032,750 146,032,750 146,032,750 146,032,750 146,032,750 146,032,750 146,032,750 146,032,750 146,033 147,033 143,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,338 153,050,308 153,050,308 153,050,308 153,050,308 153,050,308 153,050,203 153,050	2- Advances to PWD/NBCC/CPWD		168,091,948	100	169,273,600
not receive (Main A/c FDRs) 13.605.335 35.510,383	3- Loans to Employees (CPF)		160,032,750		146,815,250
not receive (CPF A/c FDR's) 36,510,983 21. ges/Insurance 73,482 21. on Employees 15,870,338 5,870,338 5,870,338 5,870,338 5,870,338 5,870,338 113,3138 </td <td>4- Interest accrued but not receive (Main A/c FDR's)</td> <td></td> <td>13,605,335</td> <td>2</td> <td>35,259,613</td>	4- Interest accrued but not receive (Main A/c FDR's)		13,605,335	2	35,259,613
ges/Insurance 73,482 on Employees 73,482 on Employees 5,870,338 5,870,338 Encashment Assets 5,870,378 113,323,655 TOTAL (A) 3,529,108 872,340 7751,30 not receive 6,944 77,530,203 77,530,203 not receive 3,529,108 7,530,203 7,530,203 not receive 849,042 7,730,842 7,730,842 not receive 6,967,131 7,836,171 9,707,01 TOTAL (B) 7,730,842 13,83,375 438,424 not receive 6,967,131 7,836,171 407,179 TOTAL (B) 868,146,804 477,179 7756,175	5- Interest accrued but not receive (CPF A/c FDR's)		36,510,983		21,275,914
om Employees 5,870,338 5 HVPN & BSNL) 157,505,833 1133 Encashment Assets 3,529,108 838,129,378 751,123 TOTAL (A) 3,529,108 872,340 751,123 TOTAL (B) 3,529,108 872,340 7530,203 rotal receive 843,012 7,530,203 873,203 not receive 843,012 7,530,203 873,012 I NIT Kurukshetra 15,000,000 17,737,518 7,530,203 not receive 6,967,131 7,836,171 13, TOTAL (C) 869,040 7,730,842 94 not receive 6,967,131 7,836,171 13, TOTAL (B) 7,730,701 13, TOTAL (B) 869,040 7,730,842 13, not receive 339,375 914,629 438,424 TOTAL (B) 868,146,804 407,179 7750,701 ND TOTAL (A>BAC-D+B) 868,146,804 77750,701	6- Prepaid internet charges/Insurance		73,482		49,358
HVPN & BSNL) 5,870,338 5 Encashment Assets 157,505,853 133 Encashment Assets 148,125,365 113 TOTAL (A) 3,529,108 872,340 751,20 not receive 843,012 3,529,108 872,340 7530,203 not receive 843,012 7,530,203 9, TOTAL (B) 1,915,796 9, not receive 6,967,131 7,737,518 7,730,842 not receive 6,967,131 7,836,171 13, TOTAL (C) 7,730,842 13, not receive 6,967,131 7,836,171 13, TOTAL (B) 7,730,701 13, TOTAL (B) 869,040 7,730,842 13, not receive 6,967,131 7,836,171 13, TOTAL (B) 869,040 7,730,842 13, TOTAL (B) 868,1424 438,424 138,424 Robin (A) 868,1446,804 1775,730,701 1775,730,701	7- Amount receivable from Employees				34,986
Encashment Assets 157,505,853 113 TOTAL (A) 838,129,378 7751, TOTAL (B) 3,529,108 872,340 751, not receive 68,944 7,530,203 7,530,203 not receive 843,012 7,530,203 9, TOTAL (B) 869,040 7,737,518 9, TOTAL (C) 869,040 7,730,842 13, not receive 6,967,131 7,836,171 13, TOTAL (B) 7,730,842 13, TOTAL (C) 7,730,842 13, TOTAL (B) 7,730,842 13, TOTAL (B) 869,040 7,730,842 13, TOTAL (B) 869,040 7,730,842 13, TOTAL (B) 869,040 7,730,842 13, ATOTAL (B) 869,040 7,730,842 13, ATOTAL (B) 868,146,894 438,424 13, ATOTAL (B) 868,146,894 1775,804 1775,804	8- Others (Security with HVPN & BSNL)	44 44	5,870,338		5,870,338
Encashment Assets 148,125,365 123 TOTAL (A) 838,129,378 751,108 TOTAL (B) 3,529,108 872,340 TOTAL (B) 3,529,108 872,340 TOTAL (B) 3,264 7,530,203 It NIT Kurukshetra 1,891,242 7,530,203 ATTAL (C) 1,915,796 9, TOTAL (C) 15,000,000 17,737,518 9, Increcive 6,967,131 7,836,171 138,424 Increcive 6,967,131 7,836,171 138,424 TOTAL (B) 339,375 914,629 407,179 AND TOTAL (A+B+C+D+B) 868,146,804 775,836,144 775,836,144	9- Gratuity Assets		157,505,853	The second secon	113,519,090
TOTAL (A) 838,129,378 751,7 TOTAL (B) 3,529,108 872,340 TOTAL (B) 68,944 68,944 TOTAL (B) 1,891,242 7,530,203 not receive 843,012 1,915,796 At NIT Kurukshetra 15,000,000 17,737,518 9, TOTAL (C) 869,040 7,730,842 9, not receive 6,967,131 7,836,171 13, TOTAL (D) 7,730,842 13, not receive 6,967,131 7,836,171 13, TOTAL (B) 7,730,842 138,424 not receive 339,375 914,629 407,179 ADTAL (A+B+C+D+E) 868,146,804 7775,730,842 7775,730,842	10- Accumulated Leave Encashment Assets		148,125,365		123,593,167
1,891,240 1,891,242 68,944 1,891,242 1,915,796 1,915,7	TOTAL (A)		838,129,378		751,208,348
3,529,108 872,340	B- Scheme Account				
TOTAL (B) 68,944 TOTAL (B) 3,529,108 68,944 TOTAL (B) 1,891,242 7,530,203 not receive 3,264 1,915,796 TOTAL (C) 869,040 17,737,518 9, not receive 6,967,131 7,836,171 13, TOTAL (B) 575,254 438,424 13, not receive 339,375 914,629 407,179 ND TOTAL (B) 868,146,804 7775,	a) SBI Saving A/c	3,529,108		872,340	
TOTAL (B) 68,944 Post receive 68,944 Post receive 68,944 Post receive C7,530,203 Post receive C7,530,203 Post receive C7,530,203 Post receive C7,530,203 Post receive Post receive C7,730,842 Post receive Post receive C7,730,842 Post receive Post receive C7,730,842 Post receive C7,730,742 Post receive C7,7	b) Advance to Employee		0.00	•	
TOTAL (B) 3,529,108 4 5,529,108 4 <td>c) Interest accrued but not receive</td> <td></td> <td></td> <td>68,944</td> <td>24</td>	c) Interest accrued but not receive			68,944	24
not receive 1,891,242 7,530,203 not receive 843,012 1,915,796 rt NIT Kurukshetra 15,000,000 17,737,518 9, TOTAL (C) 869,040 7,730,842 9, not receive 6,967,131 7,836,171 13, TOTAL (D) 575,254 438,424 13, not receive 339,375 914,629 407,179 ND TOTAL (E) 868,146,804 775,	TOTAL (B)	t :	3,529,108		941,284
not receive 1,891,242 7,530,203 not receive 843,012 1,915,796 rt NIT Kurukshetra 15,000,000 17,737,518 - TOTAL (C) 869,040 7,730,842 9, not receive 6,967,131 7,836,171 13, TOTAL (D) 7,736,171 13, not receive 339,375 914,629 438,424 not receive 339,375 914,629 407,179 ND TOTAL (B) 868,146,804 775,	C- TEQIP - II Account	V 70 7			
not receive 843,012 1,915,796 t NIT Kurukshetra 15,000,000 17,737,518 - TOTAL (C) 869,040 7,730,842 9, not receive 6,967,131 7,836,171 13, TOTAL (D) 7,836,171 13, 13, TOTAL (E) 339,375 914,629 438,424 NO TOTAL (A+B+C+D+E) 868,146,804 775,	a) SBI Saving A/c	1,891,242		7,530,203	
tr NIT Kurukshetra 3,264 - 9,0 not receive 6,967,131 7,836,171 7,836,171 5,700,701 13, not receive 575,254 - 438,424 13, not receive 339,375 914,629 407,179 - ND TOTAL (A+B+C+D+E) 868,146,804 775,	b) Interest accrued but not receive	843,012		1,915,796	
tf NIT Kurukshetra 15,000,000 - - 9, TOTAL (C) 869,040 7,737,518 9, not receive 6,967,131 7,836,171 5,700,701 13, TOTAL (D) 7,836,171 438,424 13, not receive 339,375 914,629 407,179 ND TOTAL (B) 868,146,804 775,	c) Advance to Staff	3,264		•	
TOTAL (C) 17,737,518 9, not receive 869,040 7,730,842 not receive 6,967,131 7,836,171 13, TOTAL (D) 7,836,171 13, not receive 575,254 438,424 TOTAL (E) 914,629 407,179 ND TOTAL (A+B+C+D+E) 868,146,804 775,	d) Main Current Account NIT Kurukshetra	15,000,000		-	
rot receive 869,040 7,730,842 7,730,842 7,730,842 13, TOTAL (D) 7,836,171 7,836,171 13, 13, not receive 575,254 438,424 407,179 TOTAL (B) 914,629 407,179 ND TOTAL (A+B+C+D+E) 868,146,804 775,	TOTAL (C)		17,737,518		9,445,999
not receive 6,967,131 7,730,842 7,730,842 13, TOTAL (D) 7,836,171 13, 13, not receive 339,375 407,179 407,179 TOTAL (B) 868,146,804 775,	D- MCA Account				
rot receive 6,967,131 7,836,171 13, TOTAL (D) 7,836,171 13, not receive 339,375 438,424 TOTAL (E) 914,629 407,179 ND TOTAL (A+B+C+D+E) 868,146,804 775,	a) SBI Saving A/c	869,040		7,730,842	
TOTAL (D) 7,836,171 13, not receive 575,254 438,424 not receive 339,375 914,629 TOTAL (B) 868,146,804 775,	b) Interest accrued but not receive	6,967,131		5,700,701	
not receive 575,254 438,424 TOTAL (E) 914,629 407,179 ND TOTAL (A+B+C+D+E) 868,146,804 775,	TOTAL (D)		7,836,171		13,431,543
not receive 575,254 438,424 TOTAL (E) 339,375 914,629 ND TOTAL (A+B+C+D+E) 868,146,804 775,	E- Other Accounts				
AL (E) 339,375 407,179 AL (E) 914,629 775,	a) SBI Saving Bank A/c	575,254		438,424	
914,629	b) Interest accrued but not receive	339,375		407,179	
868,146,804	TOTAL (E)		914,629		845,603
	GRAND TOTAL (A+B+C+D+E)		868,146,804		775,872,777

Director National Institute Of Technology, Kurukshetra

Sd/-

Sd/. Director National Institute Of Technology, Kurukshetra

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31ST MARCH 2014 NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

		ຽ	Current Year Amount(₹)	mount(₹)			Frevious rear Amount (₹)
SCHEDULE 9 - GRANT/SUBSIDIES	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
1- Central Government	490,000,000	2,549,094		21,124,574		513,673,668	442,785,541
2- State Government					ulli col	•	
3- VGCE Guest Classes			1144				
4- Institutes/Welfare Bodies							
5- International Organisations							
6- Other (to be Recovered From MHRD)	289,750,833	•				2897,50,833	
			en e				
TOTAL	779,750,833	2,549,094		21,124,574		803,424,501	442,785,541

SCHEDULE 10			Current Year Amount(₹)	mount(₹)			Previous Year Amount (\vec{x})
FEES/SUBSCRIPTIONS	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	TOTAL	
			·* #				
1- Entrance Fees							* * * * * * * * * * * * * * * * * * * *
2- Annual Fees/Subscriptions	109,241,241		22,084,835			131,326,076	170,584,894
3- Institute Development Fee	14,092,103					14,092,103	12,799,803
4- Consultancy Fees				•	,		
5- Others	t		1		•		
		7.78					
TOTAL	123,333,344	•	22,084,835			145,418,179	183,384,697

SCHEDIII E 11 INTEDEST EADNED		J	Current Year Amount(₹)	mount(₹)			Previous Year Amount (₹)
	MAIN	SCHEME	MCA	TEOIP-II	OTHERS	TOTAL	
1- Term Deposits	74,073,382	282,048	8,150,310	2,684,224	248,589	85,438,553	96,337,760
2- Saving Accounts	555,636	37,593	376,396	158,615	31,775	1,160,015	828.188
3- Loans	- 12		•		1		
4- Debtors and Other Receivables							
TOTAL	74,629,018	319,641	8,526,706	2,842,839	280,364	86,598,568	97,165,948

SCHEDITTE 12 - OTHER INCOME		0	Current Year Amount(₹)	nount(₹)			Previous Year
THEORY VIIIIO	MAIN	SCHEME	MCA	TEOIP-II	OTHERS	TOTAL	Amount (₹)
1- Hire of Vehicles	26,007		1		-	56,007	44,428
2- Lease of Land/Khikha	1,146,681	ı	•		6	1,146,681	1,186,962
3- Misc. Income	3,788,067	39,615	654,053	62,000	1	4,543,735	3,466,038
4- Income from Xerox	36,000			•		36,000	10,600
5- Income from Rent	538,916			•	1	538,916	502.198
6- Water Charges	47,110	•	1			47,110	178.407
7-Others (Sale of Prospectus)	1,803,177	•	1			1.803.177	1.246.557
8- Sale of Tender Forms	000'6			1	·	000.6	54 450
9- Seat Rent	18,406,424			24		18.406.424	14 065 020
10- Watch & Ward	4,383,000		•		•	4.383,000	7.892.948
11- Guest house charges	552,015		-		1	552,015	35 419
12- License Fee	484,214					484,214	484.621
13- Deferred Govt. Grant	223,450,168	1,247,580		1		224,697,748	347.981.184
14- College Contribution Recovered	171,227,890			T REAL S			
TOTAL	425,928,669	1,287,195	654,053	62,000		256,704,027	377,148,832

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Kurukshetra

			Current Year Amount (₹	Amount (₹)			Previous Year
SCHEDULE 13 - ESTABLISHMENT EXPENSES	MAIN	SCHEME	MCA	теоп-п	OTHERS	GRAND TOTAL	Amount (₹)
1- Salaries and Wages				A			
a) Pay & DA of Faculty Staff	196,322,589		0			196,322,589	161,531,719
b) Pay & DA of Non-Faculty Staff	78,524,829					78,524,829	73,396,786
c) LTC - Non teaching Staff	1,243,339			1		1,243,339	917,451
d) LTC Teaching Staff	2,430,699	•				2,430,699	2,802,183
e) Leave Salary Contribution	148,568	4				148,568	169,128
f) Pension	463,713,441					463,713,441	153,380
g) Salary of Contractual Staff	9,081,310	191,666	2,661,833	212,649	vi E Z	12,147,458	6,477,301
h) Wages For Outsourcing Services	47,217,011	1	*	7.13		47,217,011	23,834,289
i) Salary and Wages MBA	3,262,270	•		•		3,262,270	6,181,982
2- Allowance and Bonus					**		57
a) Bonus	729,943	•	•			729,943	790,698
b) House Rent Allowance	2,796,209	ij.	Ī			2,796,209	2,726,019
c) Medical Reimbursement/Fixed Medical	2,337,297			r		2,337,297	2,867,399
d) Transport Allowance	9,875,123				· W · · ·	9,875,123	8,095,883
e) Washing Allowance	53,461		•	•		53,461	56,954
f) Children Education allowance	3,062,154	£	0		- 100	3,062,154	3,217,065
g) Non-Practice Allowance	208,862	2				208,862	
3- Contribution to Provident Fund	1,867					1,867	8,404,814
4- Staff Welfare Fund	128,740		٠			128,740	80,480
5- Leave encashment	5,041,233	i.	1			5,041,233	9,998,043
6- Death cum Retirement Gratuity	9,155,126	0	r			9,155,126	12,124,608
7- New Pension Scheme	2,676,526	1	•			2,676,526	2,002,662
9- Others		1					
a) Liveries	170,749		•	•		170,749	115,277
b) TA Members	2,241,494	175,600	4,423			2,421,517	1,030,754
c) Composite transfer grant	142,598			Ē		142,598	288,921
d) TA Staff	262,978		•		•	262,978	263,682
TOTAL	840,828,416	367,266	2,666,256	212,649	•	844,074,587	327,527,478

Director
National Institute Of Technology
Kurukshetra

SCHEDIII E 14 OTHED ADMINITUDATINE EVDENSES			Current Year Amount (₹)	mount (₹)			Previous Year Amount (₹)
SCHED OLD THE CHIEN ADMINISTRATIVE DATE ENGES	MAIN	SCHEME	MCA	TEQIP-II	OTHERS	GRAND TOTAL	
1- Electricity and Power				7			
a) Elect. Tariff for Deptts.	22,160,364	•				22,160,364	14,669,751
b) Maintenance of Street light	161,443	•	*			161,443	242,846
2- Repair and Maintenance							0
a) Maintenance of Campus	700,325		10	•		700,325	371,114
b) Maintenance of Electrical Fitting	1,046,537	•	*			1,046,537	1,274,349
c) Maintenance of Hostel Building	988,942		•	•		988,942	683,850
d) Maintenance of Instructional Building	1,191,389		1		- 1	1,191,389	695,991
e) Maintenance of Roads	354,466				£,	354,466	1,203,538
f) Maintenance of Staff Quarters	1,066,798			125		1,066,798	704,916
g) Maintenance of water Supply & Disposal	779,166	•		•	***	779,166	821,180
h) Maintenance of Computer/library	1,478,524	22,450		. ,	•	1,500,974	1,768,349
i) Maintenance of Vehicles	945,424					945,424	- 953,638
3- Scholarship							
a) Undergraduate Courses	243,000		1	2		243,000	
b) Postgraduate Courses	46,956,010		*	4,834,031		51,790,041	40,064,914
c) Ph.D	6,489,380	1,163,263		4,001,684		11,654,327	5,475,946
4- Postage, Telephone and Communication Charges	Ā ie						
a) Postage & Telegram	412,961	5,504	+	•		418,465	336,344
b) Telephone Charges	1,437,001			n•3		1,437,001	1,226,853
5- Printing and Stationary	800,209	19,099		•		819,308	747,885
6- News Paper & Magazine	51,082		•			51,082	43,456
7- Professional Charges	1,315,821		•	4.		1,315,821	1,171,090
8- Hospital, Medical and other Charges	1,306,078					1,306,078	999,894
9- Departmental operating cost	1,840,070	7				1,840,070	1,445,692
10. Advertisement and Publicity	1,221,963	1	·			1,221,963	1,239,673
11. E Resources & Journals	8,874,487	t	٠			8,874,487	7,098,794
12- Conferences/Workshops / CPDA	3,675,893			11,740,301		15,416,194	2,233,560
13- Campus interview for Students	265,730	I.		C:	•	265,730	145,832
14- NCC	19,705					19,705	21,677
15- Misc. Contingencies	1,850,740	404,512	32,740	The second second		2,287,992	3,609,733

16- Other Administrative Expenses	158,847	267,000	•	335,909		•	1,061,756	155,110
17- Hindi Saptah Sammelan	•				d.	•		56,789
18- AMC Charges	1,079,403					1	1,079,403	237,502
19-Computer software's	495,012						495,012	4,452,126
20- Diesel and Petrol	682,126		•			è.	682,126	849,856
21- Library Expenses	101,411	•	•		i	i	101,411	105,358
22- NIT Transit House Contribution	i					•	•	150,000
TOTAL	110,150,307	2,181,828	32,740	20,911,925			133,276,800	95,257,606

Director

National Institute Of Technology,

Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31ST MARCH 2014 NOTES ON ACCOUNTS

- 1. ACCOUNTING CONVENTION:- The Financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on accrual method of accounting.
- 2. INVENTORY VALUATION: Stores and Spares are valued at cost.
- FIXED ASSETS:- Fixed Assets are valued at the Cost of acquisition inclusive of inward Freight, duty taxes and incidental and direct expenses related to acquisition as per Annexure contain with the instruction received from the Govt. of India, Ministry of Finance, Department of Expenditure, New Delhi D.O. Letter No. CDN/MF-CGA/98/99 dated 31-08-2000; the Assets have been grouped accordingly.
- 4. **DEPRECIATION:-** While preparing the annual accounts depreciation on fixed assets charged as per rate specified in the 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.
- 5. GOVERNMENT GRANTS:- Plan and Non-Plan Grant received from Govt. of India has been recorded as per Accounting Standard 12 (i.e. Accounting of Government Grant). Grant received from the Govt. Of India has been accounted for on realization basis.
- **RETIREMENT BENEFITS:-** Provision of retirement gratuity and accumulation of leave has been made as suggested by the Audit.
- FEES AND FUNDS:- Amount received from the students have been recorded on Accrual basis of Accounting.
- 8. PROVISION OF PAY /SALARY:- for the month of March 2014 has been made.
- CONTINGENT LIABILITIES: Nothing Stands as Contingent Liabilities as 31.03.2014.

RECEIPT RAYMENT ACCOUNT



RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH 2014 NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

RECEIPTS	Current Year Amount (₹)	Frevious rear Amount (₹)	PAYMENTS	Amount (₹)	Amount (₹)
A- Main Account	100000000000000000000000000000000000000		A- Main Account		
Opening Balance			Expenses	2,0	
a) Bank Balances	135,517,032	18,401,876	a) Establishment Expenses	778,560,605	330,939,003
i) SBI Saving A/c (Main)	107,253,383	(5,720,870)	b) Administrative Expenses	99,189,181	45,003,426
ii) IDBI Saving A/c (Main SAF)	9,508,046	1,729		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
iii) IDBI Saving A/c (Main TDS)	7,441,605	5,973,394	Loan and Advance		
iv) SBI Saving A/c (CPF)	11,313,998	18,147,623	a) Advance to CPWD	47,464,819	168,559,228
			b) CPF Loan	13,181,064	146,815,250
Grants Received from GOI			c) Advance to Staff	•	1,329,368
a) Non Plan Grant	421,000,000	380,000,000			
b) Plan Grant for Fixed Assets	110,000,000	280,000,000	Any Other Payments		
c) Plan Grant for General	29,000,000	20,000,000	a) Professional Services	1,315,821	1,160,090
d) Plan Grant OBC	300		b) Paid to the Creditors		3,896,474
Interest Received			c) Salary & Other Allowance	16,746,203	14,828,818
a) Bank Deposit and FDR	817,21,014	745,39,904	d) MBA	3,206,101	3,518,710
Income from Fees			e) Earnest Money	6,838,870	2,688,240
a) Tuition Fees	135,314,193	144,634,339	f) Security	27,194,288	305,290
b) Water Charges	45,255	178,407	g) Addition to Fixed Assets	74,334,676	222,631,590
c) Admission Fee	•	26,667	h) CCMT	(420,891)	6,764
d) RTI Fee	6,750	7,556	i) NIC	24,000	1,114,178
e) License Fee	451,068	449,635	j) Investment Made	23,198,944	87,090,657
f) Misc. Income	3,443,741	2,985,469	k) Service Tax	25,954	•
Other Income			l) Provision for Gratuity & Leave Encash.	14,196,359	•
a) Sale of Prospectus	1,803,177	1,253,321	m) Sundry Debtors	2,089,003	
b) Income from Vehicles	26,007	44,428			301
c) Lease of Land	1,146,681	1,186,962			
d) Income from Xerox	36,000	10,600			
e) Sale of Tender Forms	000'6	54,450			
f) Income from Rent	538,466	502,198			
g) Seat Rent	16,540,274	14,071,270			
h) Guest House Charges	544,491	36,893			
i) Watch & Ward	2,040,000	7,892,948			
RECEIPTS	Current Year Amount (₹)	Previous Year Amount (₹)	PAYMENTS	Current Year Amount (₹)	Previous Year Amount (₹)
Other Receipts			Closing Balances		
a) Institute Development Fund (Student)	12,657,073	12,910,175	Bank Balances		
b) Institute Development Fund	7 184 215	AC 500 A	i CDI Carina A / Africa	000 000 101	200 030 701
c) Consultancy	(2.965.498)	2015 504	ii) IDRI Saving A / C (Main SAF)	111111	0 508 046
d) Meritorious Scholarship	-	30.000	iii) IDBI Bank Saving A/c (Main TDS)	8.682.970	7 441 605
e) Misc. Recovery & Payment	15,341,959	40,523	iv) SBI Saving A/c (CPF)	18,278,811	11,313,998
f) Other Scholarship	1,122,375	2,504,580			
g) Practical Exam.	(1,010)	19,010			

B - Scheme Account Payments Payments	1) Security		4,465,251		-	
1,255,458,321 1,45,264,228 8,022 1,55,204,118 Total A 1,255,458,321 1,55,404,118 Total A 1,255,458,321 1,55,404,118 Total A 1,255,458,321 1,55,404,118 Total A 1,55,263 1,55,264	j) Student Activity Fund	10,477,331	15,272,094			
State Part	k) Alumni Association	(192,250)	130,241			
Second	Central Counciling Board	32,929,258	8,032			
A	n) Contribution Provident Fund/ NPS	37,590,190	143,264,288			
A	l) Received from Employees/Ex-Employee	171,231,910	31,957			
Performance	Total A	100 017 110 1				
B - Scheme Account Payment Pay	total ta	1,455,458,321	1,165,404,118	Total A	1,255,458,321	1,165,404,118
Particular account Particu	- Scheme Account			- 1-0 Ω	•	1
1,163,263 1,59,271,547 1,90,241,541,541,541,541,541,541,541,541,541,5				Dormonto		
ST ST ST ST ST ST ST ST	pening Balance			rayments		
Continued Continue	SBI Saving A/c	872 340	771 547	a) Supend Scholarship, Fellowship	1,163,263	1,147,196
Accordance 2,511,270 3,945,543 of Johnstee 21,800 Accordance 38,855 36,957 0,000,000 0,000,000 0,000,000 0,000,00	eceipts	010,410	71,041	b) Other Administrative expenses	592,253	335,023
According to the control of the co	Grant Received	020	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	c) TA/DA etc	175,600	157,667
Activated	Interest Received on denocity	2,511,270	3,945,543	d) Computer Software	21,800	743,684
Mainted 4,000,000 211,968 I) All Jane & Advances 191,666 10,000 211,968 I) Loans & Advances 404,512 10,000 211,968 I) Loans & Advances 404,512 10,000 10,	Misc Income	388,585	369,637	e) Addition in Fixed Assets	1,733,608	438,720
Particular	Received from FDP Matriced	39,615	16,890	f) Salary & Wages	191,666	591,515
1 June & Advances 2,529,108 2,	Margrad Holli P.D. Maruleu	4,000,000	211,968	g) Misc. Recovery & Payments	•	9,244
Closing Balances 1 Misc Expenses 404,512				h) Loans & Advances	•	21,907
Current Year Previous Year Amount (?)				i) Misc Expenses	404,512	498,289
In the control of t				Closing Balances		
Page Previous Year Previous Year Payments Pay				a) SBI Saving A/c	3,529,108	872,340
Page	Total B		4,815,585	Total B	7.811.810	4 815 505
Park Current Year Previous Year Park ENYTS Current Year Amount (?) Am					O TOTAL OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNER OF THE OWNER	1,010,000
C - TEQIP Account Amount (\$\frac{7}{2}\$) Amount (\$\frac{7}{2}\$)	RECEIPTS	Current Year	Previous Year		Current Year	Previous Year
Payce Payments Payments Payments	, acoup		Amount (1)		Amount (₹)	Amount (₹)
Paycolumn	TEQIP Account			C - TEOIP Account		
10,000,000 1,559,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,306 1,569,301 1,416,617 1,4	ening Balance TEQIP A/c			Payments		
13.240	SBI Saving A/c (TEQIP II)	7,530,203	4,569,306	a) Assistantship	0 005 715	00.000
Colored Registration	SBI Saving A/c (TEQIP-I)		336	b) Incremental Operation Cost	548 550	6,910,182
GOI	The state of the s			c) Academic Support to Weak Student	3,000	289,193
Coliment 133,240 40,000,000 e Industry Institute Interaction 12,540 12,540 12,540 12,540 12,540 133,240 75,000 f I.M.C.E 10,149 135,966 15,000 11,000 10,000 10,000 10,000 10,400 135,966 12,000 11,000 10,	ceipts			d) Faculty & Staff Development	10 627 646	
Deposits 133,240 75,000 f) I.M.C.E 10,149 Deposits 3,915,623 1,416,617 g) Research & Development 135,966 62,000 11,000 h) Addition to Fixed Assets 15,644,918 27,022,932 1) Investment Made - 2 1) TDS 600 - 2 1) TDS 8) Loan & Advances 833,664 1) TDS 1,891,242 - 2 2,058ing Balance TEQIP A/c 1,891,242 38,663,998 46,072,259 b) SBI Saving A/c (TEQIP II) 1,891,242 46,072,259 D- MCA Account 38,663,998 46 7,730,842 8,660,311 a) Expenses 2,493,643 2,493,643	rrant Received from GOI	17	40,000,000	e) Industry Institute Interaction	100 540	700,17
Deposits 3,915,623 1,416,617 g) Research & Development 15,044,918 62,000 11,000 h) Addition to Fixed Assets 15,644,918 27,022,932 - i) Investment Made - 1) TDS k) Loan & Advances 833,664 2000 k) Loan & Advances 833,664 38,663,998 46,072,259 a) SBI Saving A/c (TEQIP II) 1,891,242 10 ASB Saving A/c (TEQIP II) 1,891,242 - 10 B) SBI Saving A/c (TEQIP II) 1,891,242 - 10 B) SBI Saving A/c (TEQIP II) 1,891,242 - 10 B) SBI Saving A/c (TEQIP II) 1,891,242 - 10 B) SBI Saving A/c (TEQIP II) 1,891,242 - 10 B) SBI Saving A/c (TEQIP II) 1,891,242 - 10 B) SBI Saving A/c (TEQIP II) 1,891,242 - 10 B) SBI Saving A/c (TEQIP II) 1,891,242 - 10 B) B B - - 10 B - - <t< td=""><td>Sarnest Money</td><td>133,240</td><td>75,000</td><td>f) I.M.C.E</td><td>10 140</td><td></td></t<>	Sarnest Money	133,240	75,000	f) I.M.C.E	10 140	
11,000 1,0	nterest Received on Deposits	3,915,623	4	g) Research & Development	135 066	1
1702,932	Alsc. Income	62,000	11,000	h) Addition to Fixed Assets	15 644 010	י ניי
j) TDS k) Loan & Advances 833,664 k Loan & Advances 833,664 c Closing Balance TEQIP A/C a) SBI Saving A/C (TEQIP II) 1,891,242 b) SBI Saving A/C (TEQIP-I) 1,891,242 c 38,663,998 46,072,259 D- MCA Account c Rxpenses Expenses 2,493,643 c Closing Balance TEQIP A/C 1,891,242 c A	Destment Matured	27,022,932	100	i) Investment Made	016,110,01	03.750.664
Closing Balance TEQIP A/c 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,243 1,891,242 1,891,243 1,891,242 1,891,243				j TDS	009	40,102,004
Closing Balance TEQIP A/c 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,891,242 1,991,242 1,991,242 1,991,242 1,991,242 1,991,242 1,991,243 1,991,242				k) Loan & Advances	833,664	1
C 38,663,998 46,072,259 D- MCA Account Ty30,842 8,660,311 a) Establishment Expenses 1,891,242 SBI Saving A/c (TEQIP II) 1,891,242 Total C 38,663,998 46,072,259 46,072,259 D- MCA Account				Closing Ralance TEOID A / 2		
C 38,663,998 46,072,259 D- MCA Account Total C 38,663,998 46,072,259 Total C 38,663,998 46 Total C Tot				a) SBI Saving A/c (TEOIP II)	1 801 040	000 001 1
C 38,663,998 46,072,259	E			b) SBI Saving A/c (TEQIP-I)	1,091,242	7,530,203
D- MCA Account Expenses Expenses 7,730,842 8,660,311 a) Establishment Expenses 2,493,643		38,663,998	46,072,259	Total C	38.663.998	46 070 050
T,730,842 8,660,311 a) Establishment Expenses 2,493,643	MCA ACCOUNT			D- MCA Account	200100000	10,014,439
7,730,842 8,660,311 a) Establishment Expenses 2,493,643	ening Balance	A STATE OF THE REAL		Denotes		
2,493,643	BI Saving A/c (MCA)	7,730.842	8.660.311	a) Refablishment Dungson		
	200	7100000	0,000,011	t) Additional Expenses	2,493,643	2,855,985

Sd/Director
National Institute Of Technology,
Kurukshetra

Keceipts	10000	000 000	A Ott B		
a) Interest Received on Deposits	7,260,276	4,878,682	Any Other Payments		CLC C
b) Misc. Income	352,897	135,806	a) Alumni		2,250
c) Tuition Fees	22,084,835	25,873,894	b) Investment Made	33,883,880	27,712,676
			c) Addition to Fixed Assets	47,947	1,264,450
			d) Advance to Staff	25,000	8,866
Current Liabilities			Ç		
a) Misc. Recovery & Payments	-	115,383	Closing Balances		No. of the last of
b) Student Security	(1,600)	21,084	i) SBI Saving A/c (MCA)	869,040	7,730,842
Total D	37,427,250	39,685,160	Total D	37,427,250	39,685,160
RECEIPTS	Current Year Amount (₹)	Previous Year Amount (₹)	PAYMENTS	Current Year Amount (₹)	Previous Year Amount (₹)
E - Other Account			E - Other Account		
Opening Balance			a) Staff welfare fund(Investment Made)	605,229	555,310
Staff welfare fund			b) Merit Scholarship A/c (Investment Made)	429,921	581,681
a) SBI Saving A/c	250,549	82,821	c) Ex Employees Account (Investment Made)	2,214,765	7,011,646
Merit Scholarship Account			d) Payment to Ex Employee	209,663	2,668,869
a) SBI Saving A/c	170,988	114,049	e) Scholarship Paid to Students	10,000	1
Ex Employees Account					
a) SBI Saving A/c	16,887	11,213	Closing Bank Balance		
			I) Staff welfare fund		
Amount Received			a) SBI Saving A/c	339,989	250,549
a) FDR Matured	3,080,760	8,013,861	II) Merit Scholarship Account		
b) Interest Earned on Deposits	344,144	,519,386	a) SBI Saving A/c	204,228	170,988
c) Amount transferred from Main A/c	177,480	2,483,593	III) Ex Employees Account		
d) TDS Refund	4,024	31,007	a) SBI Saving A/c	31,037	16,887
Total E	4,044,832	11,255,930	Total E	4,044,832	11,255,930
Total (A+B+C+D+E)	1.343.406.211	1.267.233.052	Total (A+B+C+D+E)	1.343.406.211	1,267,233,052

