ANNUAL REPORT

2017-18

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

CONTENTS

FOREWORD

I am indeed very happy to present the Annual Report of National Institute of Technology Kurukshetra (Haryana) for the year 2017-18. The performance of the Institute during the year has been elucidated in this Report along with the progress made in various directions. As one scans through the pages of this report, one can easily be convinced that the Institute has done commendable work during the year.

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

The Institute offers four year B.Tech. programmes in Civil, Electrical, Electronics & Communication, Mechanical, Computer Engineering, Information Technology and Production & Industrial Engineering with a sanctioned intake of 832 seats. It also offers specialized postgraduate (M.Tech.) programmes in the fields of Civil, Electrical, Electronics & Communication, Mechanical, Computer Engineering, Physics, Chemistry, School of VLSI Design & Embedded System, School of Renewable Energy & Efficiency, School of Biomedical Engg., School of Material Science & Nano-Technology, Business Administration (MBA) and Computer Applications (MCA). Facilities are also available in the Institute for research leading to the degree of Doctor of Philosophy in Civil, Electrical, Electronics & Communication, Mechanical, Computer, Physics, Chemistry, Mathematics as well as Humanities and Social Sciences. The total students' strength of the Institute is 4835. The Institute has 175 faculty and 175 non-faculty staff in position to support the faculty in various disciplines.

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/FDPs and also organized many such events. Nineteen research projects are in progress in Civil Engineering, Computer Engineering, Mechanical Engineering, Physics, Chemistry and Mathematics. The Institute completed consultancy assignments referred to it by various Government and Industrial Organizations, valued at Rs. 625.50 lacs.

The Institute is striving to improve Industry-Institute Interaction and is seeking active collaboration with industries in various academic activities. It has already established interaction with many industries of Haryana and nearby regions. Industries are invited to join hands with the Institute so as to improve the quality of engineering education as well as training and research. Industry receives benefit in the form of intellectual resources, equipments and other facilities of the Institute. Institute has also entered into an agreement of cooperation with Tata Consultancy Services Ltd., Altair Engineering and University of Toledeo for enhancing the efficiency of the academic curriculum and for providing software training to the students. Further, to enhance industrial collaborations, MoUs have been signed with leading organisations, including C-DAC Pune, Delta Power Solutions India Pvt. Ltd. Gurugram, Yamaguchi University, Japan, IOCL Panipat and HDFC Bank, Mumbai.

The Institute Library is well equipped with the latest books and national and international journals. A total number of 1,69,439 books are available in the Library, besides 5400 + e-resources including 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.

In order to bridge the much needed gap between industry and academia and to enhance the employability and entrepreneurship opportunities for the students, as well as to enhance the R&D facilities, the establishment of Centre of Excellences (CoEs) are pre-requisite. To achieve this, the Institute has initiated the process of establishment of CoEs in collaboration with AEON learning Pvt. Ltd. Bangalore, Siemens Industry Software (I) Pvt. Ltd., Altair Engineering Inc., and Cyber-Security Centre under Atal Innovation Mission.

Government of India, Ministry of Human Resource Development, released Rs. 7665 lacs and Rs. 7564 lacs under Non-Plan and Plan scheme respectively during the financial year, 2017-18. A sum of Rs. 9775.33 lacs and Rs. 5259.14 lacs has been spent under various heads of recurring and non-recurring expenditure during the financial year under report. The Institute made commendable progress in implementing various departmental activities and in completing constructional works under the Plan Scheme.

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

DIRECTOR

1.0 INTRODUCTION

1.1 VISION

To be a role-model in technical education and research, responsive to global challenges

1.2 MISSION

To impart quality technical education that develops innovative professionals and entrepreneurs

To undertake research that generates cutting-edge technologies and futuristic knowledge, focusing on the socio-economic needs

1.3 OBJECTIVES

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

1.4 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.

1.5 NEW INITIATIVES

1. The visit of NBA team for the accreditation exercise of 06 B.Tech. programs has concluded during December 15-17, 2017.

2. Six GIAN courses have been conducted in different departments of the Institute.

3. Research projects worth rupees more than two crores under R&D activities and industry connect programmes have been sanctioned.

4. The process has been initiated to establish the Centre of Excellence to create research facility in the area of development of electric vehicles.

5. To streamline the process and procedures, Internal Audit Cell has been established in the Institute.

6. Excellence faculty awards have been instituted in five different categories.

7. A student help desk has been started.

8. Recruitment process for the faculty positions has been initiated.

9. To establish a skill development centre, process has been initiated.

10. To enhance industrial collaborations, some of the MoUs have been signed with various industries/organisations like Delta Power Soluctions India Private Ltd. Gurgaon, Yamaguchi University, Japan, C-DAC, Pune, IIT Roorkee, NIT Jalandhar etc.

11. Mentorship program has been started in the Institute for B.Tech. students.

12. Roof-top solar plan of 1 MW capacity has been commissioned.

13. Switching to energy efficient electric appliances and LED driven lighting system.

14. Ph.D. scholarships increased to promote and enhance research activities.

15. Establishement of Research and Consultancy Cell.

16. Establishment of IPR Cell to promote patents and copyrights.

2.0 AN OVERVIEW

2.1 HISTORICAL BACKGROUND

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

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

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

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

Three year Special Degree Course, 'Bachelor of Engineering' for in-service diploma holders was introduced from the session 1982-83 in Civil, Electrical and Mechanical Engineering. This course was fully funded by Govt. of Haryana. The Govt. of Haryana has discontinued the course w.e.f. 2001-02.

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

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

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

The Director, Government of India, Ministry of Human 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 2017-18:-

ODD SEMESTER

1.	Registration (on prescribed proforma in person only) Students can pay online fee but Registration Form must be submitted in Academic Section/ Teaching Deptts/Schools in time to avoid any penality	1st May 2017 to 7th August, 2017 (without late fine) 8th August, 2017 to 16th August 2017 (with late fine of Rs. 500/-) After 16th August 2017 with prescribed late fee as decided by the Authority.
2.	Commencement of classes	27th July, 2017
3.	Mid-Semester Exam-I	4th September, 2017 to 6th September, 2017
4.	Mid-Semester Break	25th September, 2017 to 29th September, 2017
5.	Mid-Semester Exam-II	26th October, 2017 to 28th October, 2017
6.	Teaching Closes	14th November, 2017
7.	Practical Examination begins	16th November, 2017
8.	End semester exam. begins	24th November, 2017
9.	Winter Vacation	11th December, 2017 to 22nd December, 2017
10.	Last date for result submission	26th December, 2017
11.	Tentative Registration (Even Semester 2017-18)	15th November, 2017 to 8th January, 2018
12.	Commencement of classes for even semester 2017-18	27th December, 2017

EVEN SEMESTER

1.	Registration (on prescribed proforma in person only) Students can pay online fee but Registration Form must be submitted in Academic Section/ Teaching Deptts/Schools in time to avoid any penality	15th November, 2017 to 8th January, 2018 (without late fine) 9th January, 2018 to 15th January, 2018 (with late fine of Rs. 500/-) After 15th January, 2018 with prescribed late fee as decided by the Authority.
2.	Commencement of classes	27th December 2017
3.	Techsparda 18	19th January, 2018 to 21st January, 2018
4.	Mid-Class Exam-I	1st February, 2018 to 3rd February, 2018
5.	Convocation 18 (tentative dates)	9th February, 2018/10th February, 2018
6.	Confluence 18	16th February, 2018 to 18th February, 2018
7.	All India Inter NIT Sports Tournament	22nd February, 2018 to 25th February, 2018
8.	Mid-Semester Break	26th February, 2018 to 2nd March, 2018
9.	Sports Meet 18	9th March, 2018 to 11th March, 2018
10.	Mid-Semester Exam-II	26th March, 2018 to 28th March, 2018
11.	Teaching Closes	20th April, 2018
12.	Practical Examination begins	26th April, 2018
13.	End semester exam. begins	3rd May, 2018
14.	Summer Vacation	28th May, 2018 to 20th July, 2018
15.	Tentative Registration (Odd Semester 2018-19)	21st April, 2018 to 18th August, 2018
16.	Last date for result submission	25th May, 2018
17.	Commencement of classes (Odd Semester 2018-19)	26th July, 2018

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	568
2.	MBA	-do-	2 years	90
3.	MCA	-do-	3 years	90
4.	B.Tech.	Graduate	4 years	832

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

2.7 ADMISSION PROCEDURE

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

Admission to M. Tech. degree courses are made on the basis of candidate's score in the GATE examination. Seats are first filled by admitting GATE qualified candidates and then by industry sponsored candidates. GATE candidates are eligible for a scholarship of Rs. 12400/- per month.

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 4,835 students in all Undergraduate, Postgraduate & Ph.D. courses in the Institute as on 31.3.2018.

2.9 EXAMINATION & EVALUATION

2.9.1 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.

2.9.2 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	1st Division
50% and above but less than 60%	2nd 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
A	Very Good	09
B	Good	08
C	Average	06
D	Pass	04
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. The status of recruitment/campus placement for the year in considerations is as under:

Recruitment Visits

Discipline	**No. of Offers**	**No. of students who got jobs**
Computer Engg.	104	81
Information Technology	91	78
Electronics & Comm. Engg.	103	82
Mechanical Engg.	93	81
Electrical Engg.	114	84
Civil Engg.	66	59
Production & Industrial Engg.	39	35
MCA	67	60
M.Tech.	77	72
MBA	22	18

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 31.3.2018

Summary of Faculty

Grand Summary of Faculty & Non-Faculty Position as on 31.03.2018

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	59	(-)16
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	87	83
Sub Total (A)		**298**	**175**	**123**
1	Registrar	01	-	01
2	Dy. Registrar	03	03	-
3	Asstt. Registrar	04	-	04
4	Librarian	01	01	-
5	Asstt. Librarian	01	-	01
6	Sr. SAS Officer	01	-	01
7	SAS Officer	02	02	-
8	Sr. Medical Officer	01	01	-
9	Medical Officer	03	02	01
10	Security Officer	01	01	-
11	Pr. Technical Officer	01	01	-
12	Sr. Technical Officer	04	02	02
13	Technical Officer	06	03	03
14	Executive Engineer	01	-	01
Sub Total (B)		**30**	**16**	**14**
1	Technician	33	10 (01 Lab. Asstt.)	23
2	Sr. Technician	24	08	16
3	Sr. Work Assistant	-	01	(-)01
4	Technician SG-II	15	01	14
5	Work Assistant SG II	-	08	(-)08
6	Technician SG-I	09	11	(-)02
7	Lib. Assistant	03	02	01
8	Sr. Lib. Assistant	03	-	03
9	Lib. Assistant SG II	02	01	01
10	Lib. Assistant SG I	-	02	(-)02
Total		**89**	**44**	**45**
1	Tech. Assistant	29	-	29
2	Sr. Tech. Asstt.	22	12 (01 Lab. Tech.)	10
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	02	02
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**	**25**	**64**
Sub Total (C) (Lower + Higher)		**178**	**69**	**109**
1	Junior Assistant	16	07	09
2	Steno	04	-	04
3	Sr. Assistant	12	03	09
4	Sr. Steno	03	-	03
5	Assistant SG II	08	04	04
6	Steno SG II	02	02	-
7	Assistant SG I	05	08	(-)03
8	Steno SG I	01	-	01
Total		**51**	**24**	**27**
1	Superintendent	03	-	03
2	Accountant	04	-	04
3	Secretary	03	-	03
4	Sr. Superintendent	03	07	(-)04
5	Sr. Accountant	02	01	01
6	Sr. Secretary	02	-	02
7	Superintendent SG II	02	01	01
8	Accountant SG II	01	02	(-)01
9	Secretary SG II	01	04	(-)03
10	Superintendent SG I	01	-	01
11	Accountant SG I	01	-	01
12	Secretary SG I	01	-	01
Total		**24**	**15**	**09**
Sub Total (D) (Lower + Higher)		**75**	**39**	**36**
1	Attendant/ Security Guard/Mali/Caretaker	18	21	(-)03
2	Sr. Attendant/ Security Guard/Mali/ Caretaker	14	16	(-)02

3	Attendant/ Security Guard/Mali/ Caretaker SG-II	09	09	-
4	Attendant/ Security Guard/Mali/ Caretaker SG-I	04	05	(-)01
Sub Total (E)		**45**	**51**	**(-)06**
Grand Total (A+B+C+D+E)		**626**	**350**	**276**

Brief Summary of Faculty & Non-Faculty Position as on 31.03.2018

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	59	(-)16
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	87	82
Sub Total (A)		**298**	**175**	**123**
1.	Officer	30	16	14
2.	Technical Staff	178	69	109
3.	Administrative Staff	75	39	36
4.	Supporting Staff	45	51	(-)06
Sub Total (B)		**328**	**175**	**153**
Grand Total (A+B)		**626**	**350**	**276**

2.13 NOTABLE ACHIEVEMENTS

1. The Institute has been conferred the status of Deemed University by the Government of India w.e.f. 26.6.2002. Consequent upon upgradation of REC Kurukshetra to National Institute of Technology, Kurukshetra with Deemed University status w.e.f. 26.6.2002, the Institute is independent in every respect relating to academic work such as Exams, Evaluation of Answer-sheets, declaration of results and other allied matters.
2. The Central Government has taken over full Administrative and Financial control of this Institute w.e.f. 14.5.2003. The Plan and Non-Plan expenditures of this Institute are being borne entirely by the Central Government from financial year 2003-04.
3. National Institute of Technology Act, 2007 was enacted by the Parliament of India on 5th June, 2007 and became effective on 15th August, 2007 i.e. Independence Day. This Act declares NIT, Kurukshetra Institution of National Importance.

4. The 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.
5. The Institute has been selected under TEQIP-III with focus on twinning system, involving Govt. Engineering College, Bikaner as the mentee institute.
6. Following are the Objectives of Technical Education Quality Improvement Programme:
    - Improving undergraduate teaching learning process
    - Increasing facilities for undergraduate education
    - Increasing efficiency and effectiveness of the education process through better academic discipline and improved governance
    - Improving post-graduate and research programmes
    - Improving Sponsored Research and Consultancy activities
    - Starting new PG programmes
7. The first year of 20-year Road Map- 2006 was a bold initiative by way of increased intake and new courses. The Ministry of Human Resources Development approved some new courses for PG and UG Programme from session 2006-07 in addition to enhancing the existing intake of some UG courses. Further, responding to an increasing demand for Management Graduates in the country and keeping in line with its stated goal of regularly adding new courses, a self sustaining 2 years Course - Master of Business Administration (MBA) was introduced in the Institute from the session 2006-07.
8. Responding to an increasing demand for Computer professionals in the Country and keeping in line with its stated goal of regularly adding new courses as a part of its 20-years growth plan, NIT Kurukshetra started Master Computer Applications (MCA) with effect from session 2007-08. With the introduction of this programme, Institute extended its long years of expertise into the field of Computer Applications, thus fulfilling its commitment to the IT Industries world wide and the society at large of developing Computer professionals with varied competencies and ethical values. This programme derives strength from expert faculty, and well established administrative, consultancy, training and placement infrastructure of NIT Kurukshetra.
9. As per the T-School Survey conducted by Data Quest IDC-NASSCOM, the Institute has been ranked at 18 in the Country.
10. The Institute participated in NIRF Ranking. Nit Kurukshetra improved to 6th position from 12th position among 31 NITs in the country.
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. New Ph.D. Viswaveshvarya Scheme was lauched.
13. The visit of NBA team for the accreditation exercise of 06 B.Tech. programs has concluded during December 15-17, 2017.
14. DAAD Internship**:** The project proposal titled "Rule based Intelligence on the Web" matched for a DAAD RISE Worldwide research internship. 603 German students applied for over 50 countries and 252 scholarships were awarded out of which 5 are for India.
15. GIAN Scheme: Short Course namely "Secure Information Technology" has been approved by the Chairman Sectional Committee. Foreign Faculty: Dr. Atef Shalan, Alderson Broddus University, USA. Dates: 18th Dec 2017 to 23rd Dec 2017.
16. National IT Challenge for Youth with Disabilities: The Ministry of Social Justice & Empowerment, Department of Empowerment of persons with Disabilities, Government of India has organized a national competition for youth with disabilities to meet the global IT challenges in young generation of disabled at National Institute of Technology, Kurukshetra. It was a two days competitive program from June 25 –June 26 2018, in which around forty disabled participants from different states, has participated. All the participants were categorized in four categories - Physically Disabled, Visually Disabled, Hearing Disabled and Development Disabled. Participants participated in individual and group events to show their talent in the area of information technology and e-learning. Winner of each category will represent India in Global IT Challenge for youth with disabilities (GITC) 2018 in New Delhi, organized by Korean Society for Rehabilitation of persons with disabilities (KSRPD) in collaboration with UNESCAP. The Global IT Challenge for Youth with Disabilities will improve the quality of youth with disabilities by enhancing their IT capacities, so that they are able to access information and communication services and engendering full participation in society. Ms. Dolly Chakrabarty Joint Secretary, Department of Empowerment of Persons with Disabilities Government of India had presided over the inaugural function on July 25, 2018 and motivated the participants. Mr. K.V.S. Rao Director, Department for Empowerment of Persons with Disabilities, Ministry of Social Justice & Empowerment Government of India had attended the valedictory on July 26, 2018 and distributed the prizes to the winners.
17. Roof-top solar plant of 1 MW capacity has been commissioned.
18. Commissioning of Sewage Treatment Plant at NIT Kurukshetra.

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)
Dr. Satish Kumar

Chief Advisor to Director
Dr. V.K. Arora

Dean (Planning & Development)
Dr. D.K. Soni

Dean (Academic)
Dr. K. S. Sandhu

Dean (Faculty Welfare)
Dr. (Mrs.) Minati Baral

Dean (Students' Welfare)
Dr. Sathans

Dean (Research & Consultancy)
Dr. Brahamjit Singh

Prof.-in-Charge (Estate & Construction)
Dr. S. M. Gupta

Prof.-in-Charge (Training & Placement)
Dr. Pankaj Chandna

ADMINISTRATIVE OFFICERS

Registrar Incharge
Dr. Surinder Deswal

Librarian
Dr. Krishan Gopal

Deputy Registrar (GA & Legal)
Sh. Gyana Ranjan Samantaray

Deputy Registrar (Accounts)
Sh. S.K. Sharma

Deputy Registrar (Academic)
Sh. Pankaj Kumar Bayati

Principal Technical Officer
Sh. Lalit Mehra

Senior Medical Officer
Dr. (Ms.) Minati Raut

Medical Officers
Dr. Sumit Kumar Guin
Dr. Rishab Saxena

OTHERS

Chief Warden (Boys)
Sh. R. P. Chauhan

Chief Warden (Girls)
Dr. (Mrs.) Lillie Dewan

Deputy Chief Warden
Dr. J. K. Kapoor

Prof. Incharge (Academic)
Dr. Gian Bhushan

Prof. Incharge (Exam.)
Dr. A.S.V. Ravi Kanth

Chief Vigilance Officer
Dr. A.K. Singh

Prof.-in-Charge (Physical Education)
Dr. D.P. Singh

Prof.-in-Charge (Students' Club)
Dr. Jyoti Ohri

Public Relation Officer
Dr. Krishan Gopal

Students Activities & Sports Officer
Sh. Shahabuddin
Ms. Pallavi Rai

Public Information Officer Under RTI Act-2005
Sh. Gyana Ranjan Samantaray, DR (GA&L)

DEPARTMENTS
DEPARTMENT OF CIVIL ENGINEERING

Head of Department

Dr. H.K. Sharma

Professors

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

Associate Professors

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

Assistant Professors

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

DEPARTMENT OF COMPUTER ENGINEERING & INFORMATION TECHNOLOGY

Head of Department

Dr. R.K. Aggarwal

Professors

Dr. A.K. Singh	Ph.D. (Jadavpur University, Kolkata)
Dr. Mayank Dave	Ph.D. (IIT, Roorkee)
Dr. J.K. Chhabra	Ph.D. (GGSIPU, Delhi)
Dr. S.K. Jain	Ph.D. (MNIT, Allahabad)

Associate Professors

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

Assistant Professors

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

DEPARTMENT OF ELECTRICAL ENGINEERING

Head of Department

Dr.(Ms.) Ratna Dahiya

Professors

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

Associate Professors

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

Assistant Professors

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

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

Head of Department

Dr. Vikas Mittal

Professors

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

Associate Professors

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

Assistant Professors

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

DEPARTMENT OF MECHANICAL ENGINEERING AND PRODUCTION & INDUSTRIAL ENGINEERING

Head of Department

Dr. Surjit Angra

Professors

Dr. Dixit Garg	Ph.D. (Kurukshetra University)
Dr. Surjit Angra	Ph.D. (Kurukshetra University)
Dr. Dinesh Khanduja	Ph.D. (Kurukshetra University)
Dr. P.C. Tiwari	Ph.D. (Kurukshetra University)
Dr. Hari Singh	Ph.D. (Kurukshetra University)
Dr. Pankaj Chandna	Ph.D. (Kurukshetra University)
Dr. V.K. Bajpai	Ph.D. (Kurukshetra University)

Dr. Gian Bhushan	Ph.D. (Kurukshetra University)
Dr. Ajai Jain	Ph.D. (Kurukshetra University)

Associate Professors

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

Assistant Professors

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

DEPARTMENT OF PHYSICS

Head of the Department

Dr. (Ms.) Neena Jaggi

Professors

Dr. Ashavani Kumar	Ph.D. (Aligarh Muslim University)
Dr. (Ms) Neena Jaggi	Ph.D. (Kurukshetra University)

Associate Professor

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

Assistant Professor

Dr. Anurag Gaur	Ph.D. (IIT, Roorkee)
Dr. Ashok Kumar	Ph.D. (IIT, Kanpur)

Dr. C.R. Mariappan	Ph.D. (Pondicherry University)
Dr. Y. Dwivedi	Ph.D. (Banaras Hindu University)
Dr. Awnish Kumar Tripathi	Ph.D. (IIT, Kanpur)
Dr. Parkash Chand	Ph.D. (NIT Kurukshetra)

DEPARTMENT OF CHEMISTRY

Head of Department

Dr. J.K. Kapoor

Professor

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

Associate Professor

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

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. M. Senthil Kumar	Ph.D. (IIT, Delhi)
Dr. Avijit Kumar Paul	Ph.D. (IISc, Bangalore)

DEPARTMENT OF HUMANITIES & SOCIAL SCIENCE

Head of Department

Dr.(Ms.) Kiran Mor

Professor

Dr. Rajender Kumar	Ph.D. (IIT, Roorkee)
Dr. Vikas Chaudhary	Ph.D. (CCS University, Meerut)
Dr.(Ms.) Kiran Mor	Ph.D. (Kurukshetra University)

Assistant Professors

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

DEPARTMENT OF MATHEMATICS

Head of Department

Dr. A.S.V. Ravi Kanth

Professor

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

Associate Professor

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

Assistant Professor

Dr.(Ms.) Saraswati Yadav	Ph.D. (Univ. of Lucknow, Lucknow)
Dr. Amit Prakash	Ph.D. (Gorakhpur Univ., Gorakhpur)
Dr. Naveen Kumar	Ph.D. (IIT, Roorkee)
Dr. Smita Sonker	Ph.D. (IIT, Roorkee)

DEPARTMENT OF BUSINESS ADMINISTRATION

Head of Department

Dr. Rajender Kumar

Associate Professor

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

Assistant Professor

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

DEPARTMENT OF COMPUTER APPLICATIONS

Head of Department

Dr. Ashutosh Kumar Singh

Professor

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

Assistant Professor

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

3.2 NON ACADEMIC STAFF (NON-TEACHING)

Officers

Registrar	01
Dy. Registrar	03
Asstt. Registrar	04
Librarian	01
Asstt. Librarian	01

Sr. SAS Officer	01
SAS Officer	02
Sr. Medical Officer	01
Medical Officer	03
Security Officer	01
Pr. Technical Officer	01
Sr. Technical Officer	04
Technical Officer	06
Executive Engineer	01
	30

Technical Staff

Lower

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

Higher

Tech. Assistant	29
Sr. Tech. Asstt.	22
Tech. Asstt. SG-II	14
Tech. Asstt. SG-I	07
Lib. & Info. Assistant	02
Sr. Lib. & Info. Assistant	02
Lib. & Info. Assistant SG-II	01
Lib. & Info. Assistant SG-I	01
Jr. Engineer	04
Asstt. Engineer	02
Asstt. Engineer SG II (Civil)	01
SAS Assistant	01
Sr. SAS Assistant	01
SAS Assistant SG II	01
SAS Assistant SG I	01
	178

Administrative & Ministerial Staff

Lower

Junior Assistant	16
Stenographer	04

Sr. Assistant	12
Sr. Stenographer	03
Assistant SG-II	08
Assistant SG-I	05
Stenographer SG-II	02
Stenographer SG-I	01
Higher	
Superintendent	03
Accountant	04
Secretary	03
Sr. Superintendent	03
Sr. Accountant	02
Sr. Secretary	02
Superintendent SG-II	02
Accountant SG-II	01
Secretary SG-II	01
Superintendent SG-I	01
Accountant SG-I	01
Secretary SG-I	01
	75

Supporting Staff

Attendant/Security Guard/ Mali/Caretaker	18
Sr. Attendant/Security Guard/ Mali/Caretaker	14
Attendant/Security Guard/ Mali/Caretaker SG-II	09
Attendant/Security Guard/ Mali/Caretaker SG-I	04
	45

3.3 TRAINING STATUS

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

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

3.4 PLACEMENT OF STAFF FOR ACADEMIC EXCELLENCE

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

a) To conduct research or advance studies in India or abroad;

b) To write text books, standard works and other literature;

c) To visit/work in International concerns and Technical Departments of Government to gain practical experience in their respective fields;

d) To visit or work in a University, Institute or Government Research Laboratories in India or abroad; and

e) Any other purpose for the academic development of the staff.

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

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

4.0 TEACHING PROGRAMMES

4.1 COURSES OFFERED

UNDERGRADUATE COURSES - B.TECH. DEGREE COURSES

Courses of study were offered in the following disciplines:

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

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

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

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

POSTGRADUATE COURSES - M.TECH. DEGREE COURSES

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

The seats available for admission though CCMT-2017 are given below:

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

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

The Insitute made admissions directly through Institute level counseling in the academic session 2017-18 on sponsored seats for all branches and specializations. The number of seats available in each category for admission through this mode are given below:

(i) Sponsored seats:

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

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

MBA DEGREE COURSE

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

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

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

MCA DEGREE COURSE

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

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

Ph.D. DEGREE COURSES

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

4.2 COURSE-WISE ENROLMENT BREAK-UP

B.TECH. DEGREE COURSES

Year	Boys	Girls	Total
I	734	83	817
II	658	118	776
III	716	136	852
IV	703	122	825

M.TECH. DEGREE COURSES

	Year	Boys	Girls	Total
Civil	I	85	14	99
	II	70	20	90
Electrical	I	46	11	57
	II	49	11	60

Electronics	I	10	11	21
	II	13	08	21
Mechanical	I	58	04	62
	II	59	03	62
Physics	I	17	06	23
	II	24	06	30
Computer	I	14	11	25
	II	14	11	25
Cyber Security	I	15	04	19
	II	09	09	18
Molecular Engg. & Advanced Chemical Analysis	I	02	0	02
	II	02	04	06
School of VLSI Design & Embedded system	I	26	06	32
	II	30	19	49
School of Renewal Energy & Efficiency	I	15	01	16
	II	17	02	19
School of Biomedical Engg.	I	03	01	04
	II	06	05	11
School of Material Science & Technology	I	03	03	06
	II	06	06	12

MBA and MCA DEGREE COURSES

	Year	**Boys**	**Girls**	**Total**
MBA	I	16	10	26
	II	19	26	45
MCA	I	45	33	48
	II	58	21	79
	III	50	35	85

Ph.D DEGREE COURSE

	Boys	**Girls**	**Total**
Ph.D.	344	141	485

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

Undergraduate Courses

Details of candidates admitted to B.Tech. courses in 2017-2018:-

Details of candidates admitted to B.Tech course in 2017-2018:-																		
B.Tech	Female							**Female Total**	Male								**Male Total**	**Grand Total**
Category	DASA	ICCR	MEA	OBC	OP	SC	ST		DASA	ICCR	MEA	OBC	OP	OPPH	SC	ST		
Civil Engg.	-	1	-	5	3	1	-	**10**	-	4	-	30	59	1	21	10	**126**	**136**
Computer Engg.	-	1	-	1	10	2	1	**15**	4	1	1	22	31	2	12	5	**78**	**93**
Electrical Engg.	-	-	-	3	12	6	2	**23**	-	5	-	37	50	1	15	8	**118**	**141**
Electronics & Comm. Engg.	-	-	-	2	9	3	1	**15**	-	3	1	34	50	1	17	11	**118**	**133**
Information Technology	-	-	-	-	7	1	1	**09**	-	1	1	24	35	2	13	5	**81**	**90**
Mechanical Engg.	-	-	-	-	3	-	-	**03**	1	3	1	35	60	2	20	12	**134**	**137**
Production & Industrial Engg.	-	-	-	1	7	-	-	**08**	-	0	-	27	3	-	13	6	**79**	**87**
Grand Total	-	2	-	12	51	13	5	**83**	5	17	4	209	318	9	111	57	**734**	**817**

Postgraduate Courses

Details of sanctioned intake and candidates admitted to M.Tech. courses in 2017-2018:-

M.Tech 2017-18 Admitted Branch wise Category wise & Male/Female Chart																		
Deptt.	Specialization	Female							Female Total	MALE							Male Total	Grand Total
		Gen	Gen PH	OBC	SC	Spon sored	ST	ICCR		Gen	Gen PH	OBC	SC	Spon Sored	ST	ICCR		
Chemistry	Molecular Engg. & Advanced Chemical Analysis	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Civil	Environmental	3	0	1	1	0	0	0	5	6	0	7	2	0	1	1	17	22
	Soil Mech. & Foundation	1	0	1	1	0	0	0	3	8	0	4	2	0	1	1	16	19
	Structural	0	0	0	1	1SC	0	0	2	8	0	5	3	1	1	1	19	21
	Water Resources	2	0	0	1	0	0	0	3	5	0	4	4	0	0	1	14	17

	Transportation	0	0	0	0	1	0	0	1	6	0	5	5	1	1	1	19	20
Computer	Computer	5	0	4	2	0	0	0	11	4	0	6	2	2	0	0	14	25
	Cyber Security	3	0	0	1	0	0	0	4	4	0	5	5	0	1	0	15	19
ECE	ECE	7	0	1	2	0	1	0	11	2	0	5	2	0	1	0	10	21
Electrical	Control System	1	0	1	2	0	0	0	4	7	0	6	1	0	0	0	14	18
	Power Electronics & Drives	3	0	0	1	0	0	0	4	8	0	4	2	0	1	0	15	19
	Power System	2	0	1	0	0	0	0	3	9	0	4	2	0	2	0	17	20
Mechanical	Industrial & Production	1	0	0	1	0	1	0	3	5	0	6	6	0	0	0	17	20
	Machine Design	0	0	1	0	0	0	0	1	7	0	7	4	0	1	0	19	20
	Thermal	0	0	0	0	0	0	0	0	11	0	6	3	0	2	0	22	22
Physics	Instrumentation	2	0	0	0	0	0	0	2	6	0	3	2	0	0	0	11	13
	Nanotechnology	2	0	1	1	0	0	0	4	5	0	0	1	0	0	0	6	10
School of VLSI Design & Embedded System	Embedded System Design	2	0	1	0	0	0	0	3	4	0	4	0	0	0	0	8	11
	VLSI Design	1	0	1	0	1	0	0	3	11	0	5	2	0	0	0	18	21
School of Renewable Energy & Systems	Renewable Energy & Efficiency	0	0	0	1	0	0	0	1	9	0	3	2	0	1	0	15	16
School of Biomedical Engg.	Biomedical Engg.	1	0	0	0	0	0	0	1	2	0	1	0	0	0	0	3	4
School of Materials Sc. & Tech.	Materials Sc. & Tech.	1	0	1	1	0	0	0	3	2	0	0	1	0	0	0	3	6
	Grand Total	39	0	14	16	3	2	0	74	129	0	90	51	4	13	5	292	366

4.4 STUDENTS' TOTAL STRENGTH

B.Tech. Degree Course

Ist Semester	=	817
IIIrd Semester	=	776
Vth Semester	=	852
VIIth Semester	=	825

M.Tech. Degree Course

Ist Semester	=	366
IIIrd Semester	=	401

MBA Degree Course

Ist Semester	=	26
IIIrd Semester	=	45

MCA Degree Course

Ist Semester	=	78
IIIrd Semester	=	79
Vth Semester	=	85

Ph.D Degree Course	=	485
Total	**=**	**4835**

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

Table 1: Students Statistics Yearwise for B.Tech. Programme													
Class/Course		Total Enrolment			Scheduled Castes Enrolment			Scheduled Tribes Enrolment			Backward Class Enrolment(OBC)		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13
B.Tech													
2014	Comp	72	25	97	12	2	14	5	1	6	16	5	21
	EC	101	35	136	15	3	18	9	1	10	30	7	37
	M	148	1	149	20	-	20	12	-	12	37	-	37
	E	115	24	139	18	3	21	6	4	10	33	4	37
	C	130	14	144	20	2	22	7	3	10	37	-	37
	IT	65	19	84	8	4	12	2	2	4	20	2	22
	P & I.	72	4	76	13	-	13	2	-	2	21	1	22
2015	Comp	72	17	89	13	1	14	5	1	6	22	4	26
	EC	86	50	136	15	5	20	9	3	12	24	13	37
	M	135	3	138	19	1	20	12	-	12	40	1	41
	E	117	19	136	18	3	21	9	1	10	37	6	43
	C	128	12	140	18	3	21	8	2	10	40	2	42
	IT	72	19	91	10	4	14	5	1	6	22	2	24
	P & I.	73	12	85	10	4	14	5	-	5	20	3	23
2016	Comp	32	11	43	13	01	14	05	01	06	20	04	24
	EC	36	26	62	14	05	19	09	02	11	22	13	35
	M	63	01	64	19	01	20	12	-	12	35	01	36
	E	53	11	64	18	03	21	09	01	10	34	03	37
	C	32	05	37	18	03	21	08	02	10	35	02	37
	IT	33	10	43	10	04	14	05	01	06	22	02	24
	PIE	34	05	39	10	04	14	04	-	04	18	03	21
2017	Comp	78	15	93	12	2	14	5	1	6	22	1	23
	EC	118	15	133	17	3	20	11	1	12	35	2	37
	M	134	3	137	20	0	20	12	-	12	35	-	35
	E	118	23	141	15	6	21	8	2	10	39	3	42
	C	126	10	136	21	1	22	10	-	10	31	5	36
	IT	81	9	90	13	1	14	5	1	6	20	-	24
	PIE	79	8	87	13	0	13	6	-	6	27	1	28

4.5 THE HOSTELS

4.5.1 Management of Hostels

The Institute has 11 boys' and 4 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 and one Mega boys' hostel with a capacity of 1000 seats are all single seaters. Recently, the

Institute has constructed one hostel with a capacity of 300 seats having 100 suits for foreign students, research scholars and married research scholars. Four Girls' hostels are with capacity of 120 seats, 200 seats, 300 seats & 600 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. Common gymnasium is there in one of the hostel.

4.5.2 Administration

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

4.6 SCHOLARSHIPS/ASSISTANCE-SHIP

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

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

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

Subject to availability, a small number of Merit-cum-Means Scholarship may be awarded to students in higher classes also on the aggregate of two semester examination in the previous year provided the students have secured 60% or more marks in one attempt in each of the two semester examinations in the previous year and they fulfill the eligibility conditions for the Merit-cum-Means Scholarship

4.6.2 Alumni Association Scholarship

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

4.6.3 Scholarships for M.Tech students

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

4.7 GAMES AND SPORTS

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

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

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

4.8 AWARDS AND MEDALS

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.

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	97	80	Chavvi Aggarwal, 1130471	9.8207
Civil	131	120	Simarpreet Singh, 1130187	9.7702
Electronics & Comm. Engg.	118	101	Muskan Ahuja, 1130683	9.5229
Electrical	135	122	Puja, 1130346	9.5826
Mechanical	144	128	Ranjan Manocha, 1130145	9.8872

IEM	64	55	Kapil Batra, 1130240	9.0758
IT	87	81	Himani Vimani, 1130016	9.5201
Total	776	687		

Postgraduate Courses

M.Tech.	No. of Students Passed
Computer Engg.	22
Electronics & Comm. Engg.	14
Mechanical Engg. (Thermal)	15
Mechanical Engg. (I & P)	15
Mechanical Engg. (Machine Design)	17
Electrical Engg. (Power System)	15
Electrical Engg. (Control System)	11
Electrical Engg. (PED)	09
Civil Engineering (Environmental)	18
Civil Engineering (Soil Mechanics & Foundation)	15
Civil Engineering (Structural)	20
Civil Engineering (Transportation)	16
Civil Engineering (Water Resources)	12
Instrumentation	13
Nanotechnology	16
School of VLSI Design & Embedded Systems (VLSI)	21
School of VLSI Design & Embedded Systems (Embedded System Design)	21
School of Renewal Energy and Efficiency (Renewable Energy Systems)	17
School of Matrial Science & Nano-Technology	13
School of Biomedical Engg.	12
Total	**331**
MBA	**36**
MCA	**80**

4 .10 TRAINING AND PLACEMENT

4.10.1 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.

4.10.2 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.

4.10.3 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.

4.10.4 Educational Tours

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

4.10.5 Placement

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

Discipline	**No. of Offers**	**No. of students who got jobs**
Computer Engg.	104	81
Information Technology	91	78
Electronics & Comm. Engg.	103	82
Mechanical Engg.	93	81
Electrical Engg.	114	84
Civil Engg.	66	59
Production & Industrial Engg.	39	35
MCA	67	60
M.Tech.	77	72
MBA	22	18

5.0 RESEARCH AND DEVELOPMENT ACTIVITIES

5.1 Ph.D. PROGRAMMES

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

Civil Engineering Department

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

Electrical Engineering Department

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

Mechanical Engineering Department

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

Electronics & Communication Engineering Department

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

Computer Engineering Department

1. Distributed Computing
2. Software Engineering
3. Cyber Security
4. Cloud Computing
5. Internet of Things
6. Natural Language Processing
7. Image Processing
8. Operating System
9. Wireless Sensor and Ad-hoc Network
10. Data Base System

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. Organic Chemistry
2. Coordination Chemistry
3. Macrocyclic Chemistry
4. Physical Chemistry
5. Computational Chemistry
6. Functional Organic Materials
7. Supramolecular Chemistry
8. High Energy Materials
9. Organometallic Chemistry
10. Metal organic Frameworks

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	4	72
2.	Electrical	14	68
3.	Mechanical	12	133
4.	Electronics & Comm.	07	48
5.	Physics	02	25
6.	Chemistry	01	25
7.	Mathematics	01	15
8.	Humanities	01	10
9.	Computer	04	40
10.	MCA	-	23
11.	MBA	-	10
12.	School of Renewable Energy and Efficiency	-	20
13.	School of Material Science and Technology	-	06
14.	School of VLSI Design and Embedded System	-	04
15	School of Biomedical Engg.	-	01
	Total	**46**	**502**

5.3 INSTITUTE-INDUSTRY COLLABORATION

Industry-Institute interaction is enhanced by arranging visits of adjunct faculty from industries and deputing of Institute faculty to the industries. Joint research projects are also undertaken. An industry Institute Partnership Cell has also been established. The cell encourages development of rural emergy and alternative technologies by undertaking R & D projects in energy conservation and management; and alternative energy sources are also undertaken as IRED programmes.

5.4 INNOVATIONS AND TECHNOLOGY TRANSFER

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-III (TEQIP-III)

Coordinator: Dr. Sathans
Co-Coordinator: Dr. Naveen Kumar

The Institute has been selected to participate in TEQIP-III under subcomponent 1.3, which aims at Twinning Arrangements to Build Capacity and Improve Performance of Participating Institutes. The Institute has been selected as mentor institute to participate in twinning arrangements with Government Engineering College, Bikaner, Rajasthan, as the mentee institute. NIT Kurukshetra, as the mentor institute, is expected to help the mentee institute in strengthening the academics and research activities by sharing the knowledge and experience through mutual interactions, in streamlining various procedures & processes leading to overall improvement and capacity building and developing long-term relationship with the mentee institute. The TEQIP–III activities will be focused on all the departments / schools of Engineering disciplines and will also be extended to supporting departments-mainly Physics, Chemistry and Mathematics.
The project duration shall be three years (2017-2020). Under the project, an estimated total budget outlay for the Institute of approx. Rs. 7 Crore, spread over the project duration, has been allocated by NPIU.

Suggested Activities
Some of the suggested activities under the scope of the project are given below:

Procurement of Goods:
Equipment (for hostel, sports and any non-academic activity not permitted)
Learning resources (e-books, e-journals, software's, text book etc.)
Furniture (for hostel, sports and any non-academic activity not permitted, but allowed for TEQIP Cell)
Minor civil works (for hostel, sports and any non-academic activity not permitted, no new building), (repair, maintenance & extension allowed)

Academic Processes:
Improvement in Teaching, Learning and Research competence
Improve student learning
Student employability
Increasing faculty productivity and motivation
Establishing a twinning system
Twinning arrangements with institutions under Sub-component 1.1 to build capacity and improved performance
Individual Institutional mentors
(Consultant services if required, can also be procured for the above said activities).

Operating Cost:
Consumables
Operation and maintenance of equipments
Office expenses (The activities include: stationery; printing, etc.)
Meetings (only project related meetings)
Hiring of Vehicles (only for project activities)
Travel Cost (only for project activities)
Salary (for TEQIP office staff)

The Institute is getting benefited by participation in TEQIP-III. Under TEQIP-III, the Institute has carried out various activities for overall improvement in UG/PG education, Research and Innovation, faculty and staff development etc. as per the mandate of TEQIP-III. Further, the Institute, through TEQIP-III, has been helping the mentee Institute – Govt. Engg. College, Bikaner, Rajasthan in improving the academic and research, administrative procedures and processes, student learning etc. TEQIP-III funds are being effectively utilized for the above activities.

6.0 THE COUNCIL, BOG AND OTHER COMMITTEES

6.1 INSTITUTE'S (NIT) COUNCIL

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

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

6.2 BOARD OF GOVERNORS

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

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

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

6.3 FINANCE COMMITTEE

The Finance Committee consists of following persons, namely:-

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

6.4 BUILDING AND WORKS COMMITTEE

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

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

OTHER COMMITTEES

SENATE

The Senate consists of the following persons, namely:-

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

(c) the Professors appointed or recognized as such by the Institute for the purpose of imparting instructions in the Institute.

(d) three persons, one of whom shall be a woman, not being employees of the Institute, to be nominated by the Chairperson in consultation with the Director, from amongst educationists of repute, one each from the field of science, engineering and humanities.

(e) such other members of the staff as may be laid down in the Statutes.

(f) the Registrar, Secretary.

7.0 CONCESSIONS FOR SCs, STs, OBCs AND HANDICAPPED STUDENTS

7.1 CONCESSIONS PROVIDED FOR STUDENTS

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

7.2 CONCESSIONS PROVIDED FOR STAFF

Teaching Staff

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

Non-Teaching Staff

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

8.0 FINANCIAL STATUS

8.1 ANALYSIS OF PLAN AND NON-PLAN GRANTS

Since inception of Institute, Government of India has been providing Plan Grant for development of Institute. Plan Grant is mainly released for construction of residences in the campus, hostel buildings construction/renovation of instructional building and other buildings, purchase of new equipments as well as for purchase of furniture for the Institute 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 ` 2756.00 lacs for 2008-09, ` 3944.00 lacs for 2009-10, ` 2200.00 lacs for 2010-11, ` 4100.00 lacs for the year 2011-12, ` 3300.00 lacs for the year 2012-13, ` 1500.00 lacs for the year 2013-14, ` 3800.00 lacs for the year 2014-15, ` 5300.00 lacs for the year 2015-16, ` 4400.00 lacs for the year 2016-17 and ` 7564.00 lacs for the year 2017-18 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 bases. This practice remained intact up to 31.3.2003. Consequent upon conversion of REC to NIT, Government of India has taken over full administrative and financial control and the Central Government started bearing the expenditure on Undergraduate Courses on 100% basis. However, since the inception of the Institute, the expenditure on PG Courses is borne by the Central Government.

During the year 2017-18 funds to the tune of ` 7564.00 lacs and ` 7665.00 lacs under Plan and Non- Plan grant respectively has been released by the Department of Higher Education, Ministry of Human Resource Development, Govt. of India.

8.3 EXPENDITURE POSITION FOR LAST THREE YEARS

The position of expenditure from the year 2015-16 to 2017-18 is as under: -

Items	2015-16 (` in lacs)	2016-17 (` In Lacs)	2017-18 (` In Lacs)
Salary	4491.67	3611.72	3740.91
Other Salary Component	280.77	805.14	1708.33
Pension & Pensionary Benefits	1332.32	2375.11	2777.62
Scholarship/Fellowship	996.88	954.43	927.77
Other Recurring Expenditure	564.65	516.46	620.70
Capital Expenditure	4754.05	3247.50	5259.14
Gross Expenditure (Rs.)	**12420.34**	**11510.36**	**15034.47**

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 2017-18 are as under:

Tax deducted at Source on Salary	` 510.56 Lacs
Tax deducted at Source on Non-Salary	` 43.92 Lacs
Service Tax on Rental Income	` 0.88 Lacs
Service Tax on Consultancy Work	` 31.39 Lacs
Goods & Services Tax on Rental Income	` 1.21 Lacs
Goods & Services Tax on Consultancy Work	` 49.57 Lacs

9.0 CENTRAL FACILITIES AND SERVICES

9.1 COMPUTER SERVICES CENTRE

Organization

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

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

Services

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

Administrative and Technical Key Persons

Prof. Rajoo Pandey	Professor-In-Charge
Prof. J.S. Lather	Faculty-In-Charge
Er. Jagan Nath	Technical Officer
Er. Yogveer Singh Lamba	Technical Officer

Timing of the Centre

Monday to Friday	:	Round-the-clock
Saturday & Sunday	:	Round-the-clock

Networking Facilities

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

Computing facilities: Hardware Resources

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

Access Control/Security: UTM in HA mode

Software packages

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

Power Back-Up:
UPS and DG set

9.2 CENTRAL WORKSHOP

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

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

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

9.3 LIBRARY

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

Stock

Stock	**Total as on 31.03.2017**	**Added during 01.04.2017 to 31.03.2018**	**Total as on 31.03.2018**
Books			
Library	57535	2689	60224
Book Bank	103594	5612	109215
Total	161129	8310	169439
Other Documents			
Back Sets	7097	-	7097
Standards	10097	-	10097
CDs/Video Cassettes	1284	-	1284
e-Books	9792	-	9792
Thesis	4454	972	5426
Grand Total	**193853**	**9282**	**203135**

Current Journals

Print Journals

International	:	03
National	:	66
Gratis	:	12
Total	:	81

Library Automation System and Web-OPAC

Library is providing automated services in all sections of the Library using KOHA 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).

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

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

E-resources provided by ESS/subscribed by institute

E-resources provided by E-Shodh Sindhu

1.	ACM Digital Library (61)	https://dl.acm.org/dl.cfm
2.	ASCE Journals Online (36)	https://ascelibrary.org/
3.	ASME Journals Online (29)	http://asmedigitalcollection.asme.org/index.aspx
4.	Economic & Political Weekly (1)	https://www.epw.in
5.	ISID Database	http://isid.org.in/home.html
6.	JGate Plus (JCCC)	https://jgateplus.com/search/
7.	JSTOR (2500+)	https://www.jstor.org/
8.	Oxford University Press (262)	http://www.oxfordjournals.org/
9.	Springer +Nature journal (1700)	https://link.springer.com/
10.	Web of Science	http://apps.webofknowledge.com
11.	World e-Book Library (NDL)	http://community.worldlibrary.org/?affiliatekey=NDL-AF1230
12.	South Asia Archive (NDL)	http://www.southasiaarchive.com/
Subscribed by Institute		
13.	ACI MCP +Journals	http://standards.bsbedge.com/home.aspx
14.	Indian Standards (BIS)	https://standards.bsb.co.in/
15.	IEC Standards	http://standards.bsbedge.com/home.aspx
16.	ASTM Standards	https://compass.astm.org
17.	Emerald (310)	https://www.emeraldinsight.com/
18.	Capita Line Database	https://www.capitaline.com
19.	SciFinder Scholar	https://scifinder.cas.org
20.	ASCE Proceedings Online	https://ascelibrary.org/proceedings
21.	APS (13)	https://journals.aps.org/browse.html
22.	EzProxy	https://nitkelibrary.informaticsglobal.com/login
23.	T&F (351)	https://www.tandfonline.com
24.	Sage: Imeche Journals (18)	http://journals.sagepub.com
25.	IEEE/IEL	https://ieeexplore.ieee.org/Xplore/home.jsp
26.	Science Direct (Elsevier)	https://www.sciencedirect.com/
27.	Turnitin: Anti Plagiarism Software	http://turnitin.com/
28.	EBSCO e-Books (79)	http://web.ebscohost.com

29.	World Scientific: e-Books (73)	http://www.worldscientific.com/
30.	Springer e-Books (5933)	https://link.springer.com
31.	MGH: Access Engineering e-Books	http://accessengineeringlibrary.com
32.	Elsevier e-Books (730+)	http://www.sciencedirect.com
33.	Wiley e-books (251)	http://onlinelibrary.wiley.com/
34.	T&F e-books (165)	http://www.tandfonline.com/
35.	CUP e-Books (198)	http://ebooks.cambridge.org

User can directly visit the sites for search of Journals, Proceedings of Conferences, Standards, books and articles etc. covered under respective e-resources.

Expenditure (2017-18)

Books	63,75,583.00
Journals, e-resources and Newspaper and Magazine	1,87,32,324.00
Library Supply	1,68,599.00
Library Binding	40,536.00
Mtc of Computer	46,754.00

Indian, British & IEC Standards

(i) Intranet version of all Indian, British (Civil Engineering) and IEC Standards are also procured by the library. Users can view, browse and take the print from their offices through LAN.

(ii) Print version of 10097 Indian and good number of British and Australian Standards including IRC Codes have also been procured by the Library.

NPTEL Web & Video Courses:

The Library has procured NPTEL Web & Video Courses designed & developed by IITs, in various discipline of Engineering & Sciences for the use of Faculty Members, Research Scholars & Students. Users can access these video courses through Library intranet site (http://172.16.0.52).

J-Gate@Consortia:

The Library has subscribed J-Gate@Consortia which provides the facility of a single point search for all e-resources subscribed or provided through consortia. The users can download the full text articles or request for the articles from other member libraries of the Consortia.

Fed Gate Discovery Service and EZ Proxy

We have procured Fed Gate Discovery service to enable the users, a single point search facility for all e- Resources subscribed by the Library.

Research Scholars and Library Users residing outside the campus are provided access to subscribed e-Resources through EZ proxy remote access system.

Utilization (Use Of Library)

Number of books issued during 2017-2018	179137
Number of Visitors during 2017-2018	473729
Total No. of Membership during 2017-2018	1567

Book Bank Facilities

The Institute has a strong Book Bank collection, which caters to the need of all the B.Tech, M.Tech, MBA & MCA students for all semesters. All the UG and PG students are given 6 books for a semester without any fee. After the issuing of books to all the students, two additional books can be issued subject to availability.

Reprographic Facilities

A contractor is appointed to provide the Reprographic Services to the readers. Reproduction from books, periodicals & other material 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, it bound and repaired 7022 Books, Institute reports and other binding works.

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, NaI, Env. Chamber, DC resistivity)
- Probe Station

- Potentiostat- Electrostat
- Spin coater
- Laminar Air flow

Chemistry Department

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

Humanities And Social Sciences Department

- Computer Lab.
- Language Lab.

9.5 HOSPITAL, BANK, POST OFFICE, SHOPPING CENTRE

Hospital

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

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

Students are advised to approach LNJP (Govt. Civil Hospital) in case of Emergency. They are advised to bring Mosquito Net and the Mosquito 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 11 boys' and 4 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 and one Mega boys' hostel with a capacity of 1000 seats are all single seaters. Recently, the Institute has constructed one hostel with a capacity of 300 seats having 100 suits for foreign students, research scholars and married research scholars. Four Girls' hostels are with capacity of 120 seats, 200 seats, 300 seats & 600 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. Common gymnasium is there in one of the hostel.

b) Staff Quarters

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

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

Allotment

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

c) Conference Facility

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

d) Student Activity Centre

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

1. Music & Dance
2. Dramatics
3. Fine arts
4. Modeling
5. Literary & Debating
6. Photography
7. AVA

8. SPIC-MACAY
9. Hiking & Trekking

Inter hostels and inter Institute competitions are organized to inculcate the spirit of healthy competitions. In addition to this, National level cultural festival is organized every year. Students are also encouraged to compete in cultural activities with other technical Institutes. A talent show is organized 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 get-togethers from time to time.

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

10.0 NOTABLE ACHIEVEMENTS

10.1 PAST ACHIEVEMENTS

1. Institute was awarded International Standard Organization (ISO) 9002 Certificate in February, 2001. This certificate was awarded by the Govt. of India, Ministry of Information Technology, for the departments of Electronics & Communication as well as Computer Engineering.

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

3. Central Government has taken over full administrative and financial control of this Institute w.e.f. 14.5.2003. The plan and non-plan expenditure of the Institute are being borne entirely by the Central Government from the financial year 2003-04 onwards.

4. 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.

5. 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.

6. 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.

7. 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.

8. Institute was actively engaged in providing the consultancy services to various Govts., Semi-Govts. and Private organizations. During the period from 1.4.17 to 31.3.18, one thousand seven hundred forty three (1743) consultancy jobs were finalized by the Institute and earned around Rs. 625.50 lacs as consultancy fees.

9. 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:

Discipline	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-2017 are given below:

Deptt./ School	M.Tech. Programme	OP	OBC	SC	ST	OP PWD	OBC PWD	SC PWD	ST PWD	Total

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

The Insitute made admissions directly through Institute level counseling in the academic session 2017-18 on sponsored seats for all branches and specializations. The number of seats available in each category for admission through this mode are given below:

(ii) Sponsored seats:

Deptt./ School	M.Tech. Programme	OP	OBC	SC	ST	OP PWD	OBC PWD	SC PWD	ST PWD	Total
Civil	Soil Mechanics &	3	1	1	-	-	-	-	-	5

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

10. 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).
11. 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 including Directi, Adobe, Maruti-Suzuki, Amazon, Z Scaler, CA Tech, Samsung R&D, Volvo Eicher, L&T Construction UHG, Tata Motors,

RBS, Drishti, Siemens, Edelweiss Finance, ford Motors, Jugnoo, Alstom, Infosys visited the institute for recruitments.

10.2 ACHIEVEMENTS DURING THE YEAR 2017-18

1. The Insitute received the Enertia award for excellent initiatives in the area of renewable energy and energy efficiency.

2. The Institute participated in NIRF ranking. NIT Kurukshetra improved to 6th position from 12th position among 31 NITs in the country.

3. B.Tech. curriculum was revised. Entirely new curriculum was designed in sync with recent developments in the engineering streams and need of the industry.

4. The Institute has been selected under TEQIP-III with focus on twining system involving Govt. Engineering College, Bikaner as the mentee Institute.

5. The Ph.D. scholarships for Research Scholars have been increased from 10 to 64 per year.

6. The following Construction works were finished during the year 2017-18:
   i) Provision of Permanent/Temporary Huts for security guards at various locations in the Institute at NIT, Kurukshetra.
   ii) Construction of Sewage Treatment Plant (STP) at NIT, Kurukshetra
   iii) Replacement of existing Electrical wirings in Instructional building at NIT, Kurukshetra:
      a) Replacement /rewiring of A1 Wiring with copper wiring in Electrical Engineering Department. (Estimated Cost = 142.72 Lac)
      b) Replacement/rewiring of A1 Wiring of A1 Wiring with copper wiring in old Adm. Block. (Estimated Cost = 140.22 Lac)
      c) Replacement/rewiring of A1 Wiring with copper wiring in Examination Cell, Mechanical Engineering Department & Civil engineering Department. (Estimated Cost = 110.17 Lac)
      d) Replacement /rewiring of A1 Wiring with copper wiring in Electronics & Communication, CCN Department & Exam Hall. (Estimated Cost = 162.76 Lac)
   iv) Installation of “Solarizer” Solar water heating systems in hostels at NIT, Kurukshetra.
   v) Internal & External finishing work i.e distempering & painting in the academic instructional buildings, sports complex, shopping complex, Teachers flats, Guest House & Health Centre, CCN, Library building, OAT and Elect. Sub Station No. 1,2,& 3 etc.

7. Roof-top solar plant of 1 MW capacity has been commissioned.

8. Wi-Fi facility provided in Boys' Hostel no. 10, thus completing internet connectivity in all the hostels.
9. Faculty awards were initiated to accord the due recognition to the faculty fr their valuable contributions in different functional domains of the Institute, and were awarded on Teacher's Day.

10. The following works are under progress:
    i) Preparation of Institute Master Plan of NITK.
    ii) Construction of 300 Seaters Multi-purpose boys hostel including 100 suits for foreign students, research scholars and married PG Students. (Multi-storeyed framed structure). (Ground Floor +5).
    iii) Providing & Installation of Electrical Sub-station HT/LT Distribution and feeder pillars in residential area at NIT, Kurukshetra.
    iv) Providing Kitchen equipment in 600 seater Girls Hostel (multi- storeyed) RCC framed structure (Ground +5) at NIT, Kurukshetra.
    v) Construction of Indoor Badminton Hall at NIT, Kurukshetra.
    vi) Switching to energy efficient electric appliances and LED riven lighting system.

11.0 ANNEXURES

11.1 INSTITUTE'S (NIT) COUNCIL

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

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

	Educational Adviser (Technical Education),MHRD,GOI	Secretary

11.2 BOARD OF GOVERNORS

Sr.No.	Composition	Members
1.	Chairperson	Dr. Jagdish Khattar Hon'ble Chairperson, NIT Kurukshetra
2.	Director- ex officio	Dr. Satish Kumar Director NIT Kurukshetra
3 & 4.	Two Nominee of Central Govt. (persons dealing with Technical Education & Finance)	Joint Secretary (NITs & DL) Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi Joint Secretary & Financial Advisor Integrated Finance Division Ministry of Human Resource Development Department of Higher Education, Shastri Bhawan, New Delhi
5 & 6	Two Nominee of State Govt.(Techno-logists or industrialists of repute)	Principal Secretary to the Government Technical Education Haryana Chandigarh Director General Technical Education Department Government of Haryana Chandigarh
7 & 8	Two persons having special knowledge in respect of education, engg. or science	Dr. Chandra Shekhar Director Central Electronics Engg. Research Institute Pillani (Rajasthan) Prof. (Ms.) Sneh Anand Professor & Head

		Centre for Biomedical Engineering Indian Institute of Technology Hauz Khas Delhi
9.	Director of the IIT in whose zone the NIT is located	Director or his nominee Indian Institute of Technology Ropar (Punjab)
10.	One Professor of the Institute	Prof. A. Swarup Professor, Elect. Engg. Deptt. NIT Kurukshetra
11.	One Associate Prof. of the Institute	Ms. Sunita Chauhan Associate Prof., Elect. Engg. Deptt. NIT Kurukshetra
12.	Secretary	Prof. Surinder Deswal Registrar I/C 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. Jagdish Khattar Hon'ble Chairperson, Finance Committee, NIT Kurukshetra
2	Director-ex officio	Dr. Satish Kumar Director, NIT Kurukshetra
3 & 4	Joint Secretary dealing with NIT and Financial Advisor (HRD)	Mr. S.P. Goyal, IAS Joint Secretary Technical Government of India Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi. Mrs. Darshana M. Dabral, 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	Dr Pawan Kumar Garga Professor, Himachal Pradesh University Bussiness School Summer Hill Shimla Dr. S.K. Madan Professor Civil Engineering Department, National Institute of Technology, Kurukshetra) -
6.	Ex-Officio Member-Secretary	Prof. Surinder Deswal Registrar I/C NIT Kurukshetra

BUILDING & WORKS COMMITTEE

Sr.No.	**Composition**	**Members**
1.	Chairman	Dr. Satish Kumar Director, NIT Kurukshetra
2.	One person nominated by the Central Government not below the rank of Director or Deputy Secretary	Nominee of the Central Government On the B&WC of the Institute, (to be nominated by the MHRD) Through Director (NITs) Deptt. of Higher Education MHRD, Shastri Bhawan New Delhi-110001
3.	One person nominated by the Board of Governors	Shri A K Singhal Director General (Retired), P.W.D.,Flat No. B-2012 Gaur Green City Vaibhav Khand, Indirapuram, Distt. Ghaziabad-202020(UP)
4.	Dean, Planning & Development	Prof. D.K. Soni Dean (Planning & Development), NIT Kurukshetra.
5.	One expert from Civil Engineering Wing of the Central or State Government or any autonomous body of	Er. B.P.Singh, Superintending Engineer, Chandigarh Central Circle CPWD 2nd Floor, Kendriya Sadan, Sector-9A, Chandigarh.

	repute	
6.	One expert from Electrical Engineering Wing of the Central or State Government or any autonomous body of repute	Superintending Engineer (Elect.),Chandigarh Electrical Central Circle, CPWD, Chandigarh.
7.	Special Invitee	Dr. S.M. Gupta Prof. In-charge (Estate & Const.) NIT Kurukshetra Dr. Jayaram Nakka Faculty I/C (Elect.Mtc. & Telephone) NIT Kurukshetra Sh. S.N. Kaushik Asstt. Engineer (Civil) NIT Kurukshetra
8.	Member-Secretary	Prof. Surinder Deswal Registrar I/C NIT Kurukshetra.

SENATE

Sr.No.	**Composition**	**Members**
1.	Ex-Officio Chairman	Dr. Satish Kumar Director, NIT Kurukshetra
2,3 & 4	Three Educationists of repute	Prof. Konduri Raja Rajeswari Professor, Department of Electronics & Comm. Engg. & Principal Viswanadha Institute of Technology and Management, MindivanipalemVillage, Anandhapuram Mandal Visakhapatnam Prof. Yashwant Singh Distinguished Professor

		Department of Physics BanarasHinduUniversity Varanasi Prof. D.K. Nauriyal Department of Humanities & Social Science Indian Institute of Technology Roorkee Roorkee
5.	All Professors and such other members of the staff	Dr. V.K. Arora Professor, Civil Engg. Department NIT Kurukshetra Dr. A. Swarup Professor, Electrical Engg.Deptt. NIT Kurukshetra Dr. Brahamjit Singh Professor & Dean (R&C) ECE Department NIT Kurukshetra Dr. (Ms.) Minati Baral, Professor & Dean (FW), Chemistry Department, NIT Kurukshetra. Dr. D.K. Soni Professor & Dean (P&D), Civil Engg. Deptt. NIT Kurukshetra Dr. K.S. Sandhu Professor & Dean (Academic) Electrical Engg.Deptt., NIT Kurukshetra Dr. Baldev Setia Professor, Civil Engg. Deptt., NIT Kurukshetra Dr. Rajender Kumar

		Professor 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, 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. Sathans, Professor & Dean (SW) Electrical Engg. 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, 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 Professor, Electronics & Comm.Engg.Deptt. NIT Kurukshetra Dr. O.P. Sahu Professor Electronics & Comm.Engg.Deptt. NIT Kurukshetra Dr. S.M. Gupta Professor 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. J.K. Kapoor Associate Professor & HOD Chemistry Deptt. NIT Kurukshetra Dr. P.C. Tiwari Professor, Mech. Engg. Deptt. NIT Kurukshetra Dr. L.M. Saini Professor Elect. Engg. Deptt. NIT Kurukshetra Dr. Hari Singh Professor 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 Professor Computer Engg. Deptt. NIT Kurukshetra

		Dr. Paras Ram Professor Mathematics Deptt. NIT Kurukshetra Dr. Mahesh Pal Professor Civil Engg. Deptt. NIT Kurukshetra Dr. Surinder Deswal Professor Civil Engg. Deptt. NIT Kurukshetra Dr. V.P. Singh Professor Civil Engg. Deptt. NIT Kurukshetra Dr. (Ms.) Pratibha Aggarwal Professor Civil Engg. Deptt. NIT Kurukshetra Dr. (Ms.) Saraswati Setia Professor Civil Engg. Deptt. NIT Kurukshetra Dr. Parveen Aggarwal Professor Civil Engg. Deptt. NIT Kurukshetra Dr. A.K. Singh Professor Computer Engg. Deptt. NIT Kurukshetra Dr. Mayank Dave Professor Computer Engg. Deptt. NIT Kurukshetra Dr. S.K. Jain Professor Computer Engg. Deptt.

		NIT Kurukshetra Dr. R.K. Aggarwal Associate Professor & HOD Computer Engg. Deptt. NIT Kurukshetra Dr. Ashwani Kumar Professor Elect. Engg. Deptt. NIT Kurukshetra Dr. (Ms. Jyoti Ohri Professor Elect. Engg. Deptt. NIT Kurukshetra Dr. J.S. Lather Professor Elect. Engg. Deptt. NIT Kurukshetra Dr. Yash Pal Professor Elect. Engg. Deptt. NIT Kurukshetra Dr. Rajoo Pandey Professor Electronics & Comm.Engg.Deptt. NIT Kurukshetra Dr. Umesh Ghanekar Professor Electronics & Comm.Engg.Deptt. NIT Kurukshetra Dr. Vikas Mittal Associate Professor & HOD Electronics & Comm.Engg.Deptt. NIT Kurukshetra Dr. Pankaj Chandna Professor Mech. Engg. Deptt. NIT Kurukshetra

		Dr. V.K. Bajpai Professor Mech. Engg. Deptt. NIT Kurukshetra Dr. Gian Bhushan Professor Mech. Engg. Deptt. NIT Kurukshetra Dr. Ajai Jain Professor Mech. Engg. Deptt. NIT Kurukshetra Dr. Ashavani Kumar Professor Physics Department NIT Kurukshetra Dr. (Ms.) Neena Jaggi Professor Physics Department NIT Kurukshetra Dr. Ashutosh Kumar Singh Professor Computer Application Department NIT Kurukshetra Dr. ASV Ravi Kanth Associate Professor Mathematics Department NIT Kurukshetra Dr. Vikas Choudhary Professor Department of Humanities & Social Sciences, NIT Kurukshetra Dr. (Ms.) Kiran Mor Professor Department of Humanities & Social Sciences, NIT Kurukshetra

		Dr. Neeraj Kaushik Associate Professor & HOD Business Admn. Department NIT Kurukshetra Mrs. Sunita Chauhan Associate Professor Elect. Engg. Deptt. NIT Kurukshetra
6.	Member-Secretary	Prof. Surinder Deswal Registrar I/C 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 31.3.2018, following are the sanctioned schemes as per details given below: -

Sr. No.	**Name of Scheme & Principal Investigator**	**Amount available upto 2017-18**	**Amount utilized upto 31.03.2018**	**Balance as on 31.03.2018**
1.	Development of Polyoxometalate based light induced wateroxidation catalyst by prof. Amrita Gosh	24.40	24.40	0.00
2.	Multi-Functional Metal-Organic Frameworks Construction by New Organic Ligands with mixed N-/O donors by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	29.16	28.69	0.47
3.	Quantum Chemical Design Synthesis and Energetic Properties Study of Tetrazole based High Energy Materials Dr. Ghule Vikas Dasarath, Asstt. Prof. in Chemistry Deptt	22.80	22.80	0.00
4.	Synthesis of Novel Random Laser Materials for Advance Photonic Applications by Dr. Yashashchandra Dwivedi,	25.80	25.80	0.00

	Asstt. Prof. in Physics Deptt			
5.	Design, Synthesis and Optoelectronic Properties of Thiophene based Functional Organic Materials by Dr. Chetti Prabhakar, Asstt. Prof. in Chemistry Deptt.	22.20	22.20	0.00
6.	Neutral and Cationic Ruthenium Complexes for Amidation and related Reactions in Aqueous and Biphasic Medium by Dr. M. Senthil Kumar, Asstt. Prof. in Chemistry Deptt.	21.00	17.67	3.41
7.	New Magnetic Materials applicable as Colored Pigments and Catalysts under INSPIRE FACULTY AWARD SCHEME from INSA (DST Project) by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	20.44	20.35	0.09
8.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. RP Chauhan	31.27	31.27	0.00
9.	Supramolecular Flourscent probes for the selective detection of biological signaling molecule (H2S) and real time assay" by Dr. Amilan Jose Devadoss	23.30	23.12	0.18
10.	Silver Nano- Particle embedded bio- glasses: Electro- Thermal polling and Assessment of their bio compatibility by Dr. C.R. Marriapan	23.50	23.20	0.30
11.	ISEA Project by Prof. A. Swarup and Prof. Mayank Dave	36.06	34.03	2.03

12.	SMDP Project by Prof. A.K. Gupta and Prof. R.K. Sharma	33.20	24.13	9.07
13.	Vishvesariya Ph.D Scheme by Prof. Mayank Dave	98.63	98.63	0.00
14.	Defending Distributed Denial of Service (DDoS) attacks using Dynamic Resource ownership and Economic Incentives based solution	13.50	12.98	0.52
15.	Synthesis of Water Soluble Cobalt Complexes & Their Catalytic Activities in Acquos & Biphasic Medium by Ms. Anita Bhatia	15.80	14.80	0.60
16.	Nano Scale Vesicles Modified Metal Complex's for Therapeutic Carbon Monoxide Delivery by Dr. Amilan Jose, Chemistry Department	1.50	1.33	0.17
17.	FIST Program by Prof. Mahesh Pal, Civil Engineering Department	108.00	0.00	108.00
18.	Intelligent real Time Situation Awareness and Decision Support System for Indian Defense by Dr. Sarika Jain, Masters of Computers Application	26.24	21.64	4.60

Consultancy Services

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

During the period from 1.4.2017 to 31.3.2018, one thousand seven hundred forty three (1743) consultancy jobs involving consultancy fees around Rs. 625.50 lacs (app.) were sanctioned.

11.5 FACULTY POSITION (AS ON 31.03.2018)

Sr. No.	Name of the Post	Sanctioned	In position	Vacant	Pay Scale (Rs.)
Civil Engineering Department					
1.	Professors	06	19	(-)13	37400-67000+10000
2.	Asso.Professors	11	02	09	37400-67000+9000
3.	Asstt.Professors	22	04	18	15600-39100+6000
Electrical Engineering Department					
1.	Professors	06	12	(-)06	37400-67000+10000
2.	Asso.Professors	12	06	06	37400-67000+9000
3.	Asstt.Professors	23	16	07	15600-39100+6000
Mechanical Engineering Department					
1.	Professors	06	09	(-)03	37400-67000+10000
2.	Asso.Professors	12	11	01	37400-67000+9000
3.	Asstt.Professors	24	09	15	15600-39100+6000
Industrial Engineering Discipline					
1.	Professors	02	-	02	37400-67000+10000
2.	Asso.Professors	04	-	04	37400-67000+9000
3.	Asstt.Professors	08	03	05	15600-39100+6000
Electronics & Comm. Engineering Department					
1.	Professors	06	05	01	37400-67000+10000
2.	Asso.Professors	12	04	08	37400-67000+9000
3.	Asstt.Professors	23	14	09	15600-39100+6000
Computer Engineering Department					
1.	Professors	04	04	-	37400-67000+10000
2.	Asso.Professors	07	02	05	37400-67000+9000
3.	Asstt.Professors	14	07	07	15600-39100+6000
Information Technology Discipline					
1.	Professors	03	-	03	37400-67000+10000
2.	Asso.Professors	05	-	05	37400-67000+9000
3.	Asstt.Professors	11	10	01	15600-39100+6000
Physics Department					
1.	Professors	02	02	-	37400-67000+10000
2.	Asso.Professors	04	01	03	37400-67000+9000
3.	Asstt.Professors	08	06	02	15600-39100+6000
Chemistry Department					
1.	Professors	01	03	(-)02	37400-67000+10000
2.	Asso.Professors	03	01	02	37400-67000+9000
3.	Asstt.Professors	06	06	-	15600-39100+6000
Mathematics Department					
1.	Professors	01	01	-	37400-67000+10000
2.	Asso.Professors	03	01	02	37400-67000+9000
3.	Asstt.Professors	06	04	02	15600-39100+6000
Humanities and Social Sciences Department					
1.	Professors	01	03	(-)02	37400-67000+10000

2.	Asso.Professors	03	-	03	37400-67000+9000
3.	Asstt.Professors	06	04	02	15600-39100+6000
Business Administration					
1.	Professors	02	-	02	37400-67000+10000
2.	Asso.Professors	04	01	03	37400-67000+9000
3.	Asstt.Professors	08	02	06	15600-39100+6000
Computer Applications					
1.	Professors	03	01	02	37400-67000+10000
2.	Asso.Professors	05	-	05	37400-67000+9000
3.	Asstt.Professors	11	02	09	15600-39100+6000
Summary (Faculty Staff)					
1.	Professors	43	59	(-)17	37400-67000+10000
2.	Asso.Professors	85	29	56	37400-67000+9000
3.	Asstt.Professors	170	87	81	15600-39100+6000
Total		**298**	**175**	**123**	

11.6 ADMINISTRATIVE AND OTHER STAFF

POSITION OF OFFICER CADRE STAFF AS ON 31.03.2018

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

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

					39100+5400
Physics/Chemistry Department					
1	Technical Officer	01	-	01	15600-39100+5400
Computer Applications					
1	Technical Officer	01	-	01	15600-39100+6600
Total		**30**	**16**	**14**	

POSITION OF TECHNICAL STAFF AS ON 31.03.2018

Sr. No.	Name of the post	Sanctioned	In position	Vacant	Pay Scale (Rs.) PB+GP
Civil Engineering Department					
Lower Cadre					
1	Technician	03	02	01	5200-20200+2000
2	Sr. Technician	02	03	(-)01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	01	-	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	04	-	04	9300-34800+4200
2	Sr. Tech. Assistant	03	01	02	9300-34800+4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	01	-	01	9300-34800+5400
Total		16	07	09	
Computer Engineering Department					
Lower Cadre					
1	Technician	02	-	02	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	-	01	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	02	-	02	9300-34800+4200
2	Sr. Tech. Assistant	01	-	01	9300-34800+4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	01	-	01	9300-34800+5400
Total		10	-	10	
Electrical Engineering Department					
Lower Cadre					
1	Technician	03	03	-	5200-20200+2000
2	Sr. Technician	02	01	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	01	-	9300-34800+4200

Higher Cadre					
1	Tech. Assistant	04	-	04	9300-34800 +4200
2	Sr. Tech. Assistant	03	04	(-)01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	02	(-)01	9300-34800+4800
4	Tech. Asstt. SG-I	01	-	01	9300-34800+5400
Total		16	11	05	
Electronics and Comm. Engineering Department					
Lower Cadre					
1	Technician	04	-	04	5200-20200+2000
2	Sr. Technician	03	01	02	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	01	-	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	03	-	03	9300-34800 +4200
2	Sr. Tech. Assistant	02	03	(-)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		16	06	10	
Mechanical Engineering Department					
Lower Cadre					
1	Technician	03	01	02	5200-20200+2000
2	Sr. Technician	02	01	01	5200-20200+2400
3	Technician SG-II	01	01	-	5200-20200+2800
4	Technician SG-I	01	02	(-)01	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	04	-	04	9300-34800 +4200
2	Sr. Tech. Assistant	03	02	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		16	08	08	
Workshop					
Lower Cadre					
1	Technician	03	01	02	5200-20200+2000
2	Driver	02	-	02	5200-20200+2000
3	Sr. Technician	02	01	01	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	-	05	(-)05	9300-34800+4200
8	Driver SG-I	01	-	01	9300-34800+4200
Higher Cadre					

1	Tech. Assistant	03	-	03	9300-34800 +4200
2	Sr. Tech. Asstt.	02	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		18	10	08	
Industrial Engineering & Management					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	-	-	-	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	01	-	01	9300-34800+4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800+4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	-	-	-	9300-34800+5400
Total		06	-	06	
Information Technology					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	01	-	01	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	01	-	01	9300-34800+4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800+4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	01	-	01	9300-34800+5400
Total		08	-	08	
Chemistry Department					
Lower Cadre					
1	Technician	02	01 (Lab. Astt.)	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	-	-	-	5200-20200+2800
4	Technician SG-I	-	-	-	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	01	-	01	9300-34800+4200
2	Sr. Tech. Asstt.	-	-	-	9300-34800+4600
3	Tech. Asstt. SG-II	-	-	-	9300-34800+4800
4	Tech. Asstt. SG-I	-	-	-	9300-34800+5400
Total		04	01	03	
Physics Department					
Lower Cadre					

1	Technician	01	01	-	5200-20200+2000
2	Sr. Technician	01	01	-	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	-	-		9300-34800+4200
Higher Cadre					
1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	-	-	-	9300-34800+5400
Total		06	02	04	
Computer Applications					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	-	01	(-)01	9300-34800 +4200
Higher Cadre					
1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
Total		06	01	05	
Humanities Department					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	-	-	-	5200-20200+2400
3	Technician SG-II	-	-	-	5200-20200+2800
4	Technician SG-I	-	-	-	9300-34800+4200
Total		01	-	01	
Business Administration					
Lower Cadre					
1	Technician	01	01	-	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
4	Technician SG-I	-	-	-	9300-34800+4200
Higher Cadre					
1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
4	Tech. Asstt. SG-I	-	-	-	9300-34800+5400
Total		06	01	05	
Health Centre					
(A) Other Staff					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000

	(Radiographer)				
2	Technician SG-II (Lab. Tech.)	01	-	01	5200-20200+2800
3	Technician SG-I (Lab. Tech.)	01	-	01	9300-34800+4200
Higher Cadre					
1	Tech. Assistant (02 Staff Nurse)	02	-	02	9300-34800 +4200
2	Sr. Tech.Assistant (01 Staff Nurse)	01	01 (Lab.Tech.)	-	9300-34800+4600
3	Tech. Asstt. SG-II (01Staff Nurse)	01	01 (staff nurse)	-	9300-34800+4800
4	Tech. Asstt. SG-I (01Staff Nurse)	01	-	01	9300-34800+5400
(B) Pharmacist					
Lower Cadre					
1	Technician SG-II (01 Pharmacist)	01	-	01	5200-20200+2800
2	Technician SG-I (01 Pharmacist)	01	-	01	9300-34800 +4200
Higher Cadre					
1	Sr. Tech. Assistant (01Pharmacist)	01	-	01	9300-34800+4600
2	Tech. Asstt. SG-II (01 Pharmacist)	01	01 (Pharma.SG-II)	-	9300-34800+4800
3	Tech. Asstt. SG-I	-	01 (Pharma.SG-I)	(-)01	9300-34800+5400
Total		12	04	08	
Library					
Lower Cadre					
1	Library Assistant	03	02	01	5200-20200+2000
2	Sr. Lib. Asstt.	03	-	03	5200-20200+2400
3	Lib. Asstt. SG-II	02	01	01	5200-20200+2800
4	Lib. Asstt. SG-I	-	02	(-)02	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	05	09	
Estate					
Higher Cadre					

1	Junior Engineer	04	02	02	9300-34800+4200
2	Asstt. Engineer	02	-	02	9300-34800+4600
3	Asstt. Engr. SG II (Civil)	01	01	-	9300-34800+4800
Total		07	03	04	
Maintenance Staff (Estate)					
Lower Cadre					
1	Sr. Work Asstt.	-	01	(-)01	5200-20200+2400
2	Work Asstt. SG II	-	08	(-)08	5200-20200+2800
Total		-	09	(-)09	
Sports					
Higher Cadre					
1	SAS Assistant	01	01	-	9300-34800+4200
2	Sr. SAS Assistant	01	-	01	9300-34800+4600
3	SAS Asstt. SG II	01	-	01	9300-34800+4800
4	SAS Asstt. SG I	01		01	9300-34800+5400
Total		04	01	03	
Centre for Computing & Networking					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
3	Technician SG-II	01	-	01	5200-20200+2800
Higher Cadre					
1	Tech. Assistant	01	-	01	9300-34800 +4200
2	Sr. Tech. Asstt.	01	-	01	9300-34800 +4600
3	Tech. Asstt. SG-II	01	-	01	9300-34800+4800
Total		06	-	06	
Internal Telephone Exchange					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
1	Sr. Technician	01	-	01	5200-20200+2400
Total		02	-	02	
School of VLSI Design & Embedded System					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
Total		02	-	02	
School of Renewable Energy					
Lower Cadre					
1	Technician	01	-	01	5200-20200+2000
2	Sr. Technician	01	-	01	5200-20200+2400
Total		02	-	02	
Grand Total		**178**	**69**	**105**	

POSITION OF ADMINISTRATIVE & MINISTRIAL STAFF AS ON 31.03.2018

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

1	Junior Assistant	01	-	01	5200-20200+2000
Total		01	-	01	
Computer Applications Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000
Total		01	-	01	
Mathematics Department					
Lower Cadre					
1	Junior Assistant	01	01 (Sr. Asstt.)	-	5200-20200+2000
Total		01	01	-	
Humanities Department					
Lower Cadre					
1	Junior Assistant	01	-	01	5200-20200+2000
Total		01	-	01	
Workshop					
Lower Cadre					
1	Jr. Assistant	01	-	01	5200-20200+2000
Total		01	-	01	
TP&SW					
Lower Cadre					
1	Steno SG-I	01	01 (Asstt. SG-II)	-	9300-34800+4600
Higher Cadre					
1	Superintendent	01	-	01	9300-34800+4200
Total		02	01	01	
Deans Office					
Lower Cadre					
1	Stenographer	03	01 (Steno SG-II)	02	5200-20200+2400
Higher Cadre					
1	Secretary	02	01 (Asstt. SG-I)	01	9300-34800+4200
2	Sr. Secretary	01	02 (Sec. SG-II)	(-)01	9300-34800+4600
Total		06	04	02	
Director Office					
Higher Cadre					
1	Sr. Secretary	01	01 (Jr. Asstt.)	-	9300-34800+4600
2	Secretary SG-I	01	01 (Sec. SG-II)	-	9300-34800+5400
Total		02	02	-	
Registrar Office					
Higher Cadre					
1	Secretary	01	-	01	9300-34800+4200
1	Secretary SG-II	01	01	-	9300-34800+4800

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

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

Total		02	-	02	
Sports					
Lower Cadre					
1	-	-	01 (Sr. Supdt.)	(-)01	9300.34800+4200
Total		-	01	(-)01	
Grand Total		**75**	**39**	**36**	

Position of Non-Faculty (Supporting Staff) as on 31.03.2018

Sr. No.	Name of the post	Sanctioned	In Position	Vacant	Pay Scale & Grade Pay
1	Attendant/ Security Guard/ Mali/ Caretaker	18	21	(-)03	5200-20200+1800
2	Sr. Attendant/ Security Guard/ Mali/ Caretaker	14	16	(-)02	5200-20200+1900
3	Attendant/ Security Guard/ Mali/ Caretaker SG-II	09	09	-	5200-20200+2000
4	Attendant/ Security Guard/ Mali/ Caretaker SG-I	04	05	(-)01	5200- 20200+2400
Total		**45**	**51**	**(-)06**	

Grand Summary of Faculty & Non-Faculty Position as on 31.03.2018

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	59	(-)16
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	87	83
Sub Total (A)		**298**	**175**	**123**
1	Registrar	01	-	01
2	Dy. Registrar	03	03	-
3	Asstt. Registrar	04	-	04
4	Librarian	01	01	-
5	Asstt. Librarian	01	-	01
6	Sr. SAS Officer	01	-	01
7	SAS Officer	02	02	-
8	Sr. Medical Officer	01	01	-

9	Medical Officer	03	02	01
10	Security Officer	01	01	-
11	Pr. Technical Officer	01	01	-
12	Sr. Technical Officer	04	02	02
13	Technical Officer	06	03	03
14	Executive Engineer	01	-	01
Sub Total (B)		**30**	**16**	**14**
1	Technician	33	10 (01 Lab. Asstt.)	23
2	Sr. Technician	24	08	16
3	Sr. Work Assistant	-	01	(-)01
4	Technician SG-II	15	01	14
5	Work Assistant SG II	-	08	(-)08
6	Technician SG-I	09	11	(-)02
7	Lib. Assistant	03	02	01
8	Sr. Lib. Assistant	03	-	03
9	Lib. Assistant SG II	02	01	01
10	Lib. Assistant SG I	-	02	(-)02
Total		**89**	**44**	**45**
1	Tech. Assistant	29	-	29
2	Sr. Tech. Asstt.	22	12 (01 Lab. Tech.)	10
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	02	02
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**	**25**	**64**
Sub Total (C) (Lower + Higher)		**178**	**69**	**109**
1	Junior Assistant	16	07	09
2	Steno	04	-	04
3	Sr. Assistant	12	03	09
4	Sr. Steno	03	-	03
5	Assistant SG II	08	04	04
6	Steno SG II	02	02	-

7	Assistant SG I	05	08	(-)03
8	Steno SG I	01	-	01
Total		**51**	**24**	**27**
1	Superintendent	03	-	03
2	Accountant	04	-	04
3	Secretary	03	-	03
4	Sr. Superintendent	03	07	(-)04
5	Sr. Accountant	02	01	01
6	Sr. Secretary	02	-	02
7	Superintendent SG II	02	01	01
8	Accountant SG II	01	02	(-)01
9	Secretary SG II	01	04	(-)03
10	Superintendent SG I	01	-	01
11	Accountant SG I	01	-	01
12	Secretary SG I	01	-	01
Total		**24**	**15**	**09**
Sub Total (D) (Lower + Higher)		**75**	**39**	**36**
1	Attendant/ Security Guard/Mali/Caretaker	18	21	(-)03
2	Sr. Attendant/ Security Guard/Mali/ Caretaker	14	16	(-)02
3	Attendant/ Security Guard/Mali/ Caretaker SG-II	09	09	-
4	Attendant/ Security Guard/Mali/ Caretaker SG-I	04	05	(-)01
Sub Total (E)		**45**	**51**	**(-)06**
Grand Total (A+B+C+D+E)		**626**	**350**	**276**

Brief Summary of Faculty & Non-Faculty Position as on 31.03.2018

Sr. No.	Cadre	Sanctioned	In Position	Vacant
1.	Professor	43	59	(-)16
2.	Associate Professor	85	29	56
3.	Assistant Professor	170	87	83
Sub Total (A)		**298**	**175**	**123**
1.	Officer	30	16	14
2.	Technical Staff	178	69	109
3.	Administrative Staff	75	39	36
4.	Supporting Staff	45	51	(-)06

Sub Total (B)	**328**	**175**	**153**
Grand Total (A+B)	**626**	**350**	**276**

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.	Ajay K. Prabhakar Assistant Professor	Emerging Hydrometric Techniques for Discharge Estimation and Rating Curve Development	IIT, Roorkee	3.4.17 - 8.4.17
2.	Nipen Kumar Das Assistant Professor	Emerging Hydrometric Techniques for Discharge Estimation and Rating Curve Development	IIT, Roorkee	3.4.17 - 8.4.17
3.	Chhagan Charan Assistant Professor	2nd Intl. Conf. on Communication Systems, Computing & IT Applications	St. Francis Institute of Technology, Mumbai	7.4.17 - 8.4.17
4.	A. Swarup Professor	Summer School on Cyber Physical Systems	DA-IICT, Gandhinagar, Gujarat	8.4.17 - 12.4.17
5.	Umesh Ghanekar Professor	Workshop on Medical Imaging Techniques	IIT Delhi	14.4.17 - 16.4.17
6.	Chhagan Charan Assistant Professor	Short Course on Spectrum Sensing for MIMO-OFDM Cognitive Radio Systems	IIT Kanpur	21.4.17 - 24.4.17
7.	Anil Kumar Dahiya Assistant Professor	Power Electronics for Smart Grid and Renewable Energy Control	MNIT Jaipur	15.5.17 - 19.5.17
8.	Sarika Jain Assistant Professor	Internet of Things Online Training	Online course	15.5.17 - 15.6.17
9.	Rajender Kumar Assistant Professor	IEEE Information Theory Society Summer School on Signal Processing, Comm. & Networks	IIT Bombay	28.5.17 - 31.5.17
10.	Rajesh Kumar Assistant Professor	First Course in Computational Fluid Dynamics : Development, Applications & Analysis	IIT Bombay, Mumbai	29.5.17 - 2.6.17
11.	Chandrashekara M Assistant Professor	National Conference on Recent Advances in Mechanical Engg	NIT, Kurukshetra	2.6.17 - 3.6.17
12.	Satnam Singh, Assistant Professor	National Conference on Recent Advances in Mechanical Engg.	NIT, Kurukshetra	2.6.17 - 3.6.17
13.	Vikas Kumar Assistant Professor	National Conference on Recent Advances in Mechanical Engg.	NIT, Kurukshetra	2.6.17 - 3.6.17
14.	Dheeraj Kr. Sharma Assistant Professor	Summer Project on MIMO, Massive MIMO, OFDM 4G/5G Wireless Technologies	IIT Kanpur	20.6.17 - 23.6.17
15.	H K Sharma Professor	National Workshop on NBC 2016 & Recently Revised Seismic Codes - Impact on Structural Design, Construction & Safety of Buildings	PHD Chamber of Commerce & Industry, New Delhi	27.6.17 - 28.6.17
16.	S K Madan Proessor	National Workshop on NBC 2016 & Recently Revised Seismic Codes - Impact on Structural Design, Construction & Safety of Buildings	PHD Chamber of Commerce & Industry, New Delhi	27.6.17 - 28.6.17
17.	Chalak H D Assistant Professor	National Workshop on NBC 2016 & Recently Revised Seismic Codes - Impact on Structural Design, Construction & Safety of Buildings	PHD Chamber of Commerce & Industry, New Delhi	27.6.17 - 28.6.17
18.	Priyanka Ahlawat Assistant Professor	International Conference on Computer, Communications and Electronics 2017	Manipal University, Jaipur	1.7.17 - 2.7.17
19.	Chandrashekara M Assistant Professor	Technical Discussion with scientists	Defence Research and Development Laboratory, Kanchanbagh, Hyderabad	3.7.17 - 7.7.17
20.	Shelly Vadhera	Recent Developments and Challenges in	National Institute	3.7.17 - 8.7.17

	Associate Professor	Internet of Things Security	of Technology, Kurukshetra	
21.	Priyanka Ahlawat Assistant Professor	Recent Developments and Challenges in Internet of Things Security	National Institute of Technology, Kurukshetra	3.7.17 - 8.7.17
22.	Sarika Jain Assistant Professor	Recent Developments and Challenges in Internet of Things Security	National Institute of Technology, Kurukshetra	3.7.17 - 8.7.17
23.	Avijit Kumar Pal Assistant Professor	Scientific Discussion with the Deputy Chief of the Army Staff	South Block, Delhi (Org. by Global Defence Industry Consultancy Services, Chd.	7.7.2017
24.	Mahesh Pal, Assistant Professor	AVIRIS-NG Science Meet & Technical Discussion	Space Applications Centre, Ahmedabad	12.7.17 - 14.7.17
25.	Ashwani, Assistant Professor	International Conference on Strategies in Volatile and uncertain Environment for Emerging Markets	Indian Institute of Technology, Delhi	14.7.17 - 15.7.17
26.	Rajiv Verma Associate Professor	Modelling of Metal forming and Machining Processes	Dr. B R Ambedkar National Institute of Technology, Jalandhar	17.7.17 - 22.7.17
27.	Saurabh Chanana Associate Professor	CEP Course on Pulse Power Technology for HPM Applications	TBRL, Chandigarh	8.8.17 - 10.8.17
28.	Atma Ram Gupta, Assistant Professor	CEP Course on Pulse Power Technology for HPM Applications	TBRL, Chandigarh	8.8.17 - 10.8.17
29.	Joy Prakash Misra Assistant Professor	2nd International Conference on Advances in Materials and Manufacturing Applications	Amrita School of Engg., Bengaluru	17.8.17 - 19.8.17
30.	Syed Taqi Ali Assistant Professor	5th International Conference on Innovations in Computer Science and Engg.	Guru Nanak Institutions Technical Campus, Hyderabad	18.8.17 - 19.8.17
31.	Arvind Kumar Assistant Professor	7th International Conference on Advances in Computing and Communications	Rajagiri School of Engg. & Technology, Kochi	22.8.17 - 24.8.17
32.	Manish Kumar Jha Assistant Professor	Interpersonal Effectiveness and Leadership Excellence	Indian Institute of Management, Kolkata	28.8.17 - 1.9.17
33.	Gyanendra Kr. Verma Assistant Professor	Soft Computing Techniques & Robotics	NIT, Raipur	4.9.17 - 8.9.17
34.	Kiran Kumar Jaladi Assistant Professor	Digital Signal Processing and Applications	Indian Institute of Science, Bengaluru	4.9.17 - 8.9.17
35.	Sudakar Singh Chauhan Assistant Professor	1st International Conference on Advanced Computational and Communication Paradigms	Sikkim Manipal Institute of Technology, Sikkim	8.9.17 - 10.9.17
36.	Gaurav Verma Assistant Professor	1st International Conference on Advanced Computational and Communication Paradigms	Sikkim Manipal Institute of Technology, Sikkim	8.9.17 - 10.9.17
37.	Ashwani, Assistant Professor	Intl. Conf. on Business Management and Social Innovation	Advanced Research Society for Science and Sociology, Chandigarh	16.9.17
38.	Surjit Angra Professor	Workshop on Fatigue & Fracture Testing of Metals and Advanced Composites Technology	Ramaiah University of Applied Sciences, Bangalore	6.10.17 -8.10.17
39.	Gian Bhushan	Workshop on Fatigue & Fracture Testing of	Ramaiah	6.10.17 -8.10.17

	Professor	Metals and Advanced Composites Technology	University of Applied Sciences, Bangalore	
40.	Vinod Kr. Mittal Associate Professor	Workshop on Fatigue & Fracture Testing of Metals and Advanced Composites Technology	Ramaiah University of Applied Sciences, Bangalore	6.10.17 -8.10.17
41.	Lalit Thakur Assistant Professor	Workshop on Fatigue & Fracture Testing of Metals and Advanced Composites Technology	Ramaiah University of Applied Sciences, Bangalore	6.10.17 -8.10.17
42.	V S Nagendra Reddy B Assistant Professor	Workshop on Fatigue & Fracture Testing of Metals and Advanced Composites Technology	Ramaiah University of Applied Sciences, Bangalore	6.10.17 -8.10.17
43.	Ratna Dahiya, Professor	International Conference on Communication Systems	B K Birla Institute of Engg. & Tech., Pilani, Rajasthan	14.10.17 - 16.10.17
44.	Smita Sonker Assistant Professor	International Conference on Communication Systems	B K Birla Institute of Engg. & Tech., Pilani, Rajasthan	14.10.17 - 16.10.17
45.	Nirmal Kant Singh Associate Professor	Technical discussion on Aero-propulsive characterization of missile system	DRDL, Hyderabad	16.10.17 - 17.10.17
46.	Mahesh Pal Professor	38th Asian Conference on Remote Sensing	The Ashok Hotel, New Delhi (jointly org. by Asian Association on Remote Sensing and Indian Space Research Organisation)	23.10.17 - 27.10.17
47.	Chalak H D Assistant Professor	Workshop on Extreme Loading on Structures	Indian Institute of Technology, Roorkee	26.10.17 - 27.10.17
48.	Gyanendra Kr. Verma Assistant Professor	Conference on Information and Communication Technology	ABV Indian Institute of Information Technology and Management, Gwalior	3.11.17 - 5.11.17
49.	Neeraj Kaushik Associate Professor	4th International Conference on Stress Management	Intl. Stress Management Association, Panjim, Goa	3.11.17 - 4.11.17
50.	Geeta Sachdeva Assistant Professor	4th International Conference on Human Resource Management	ICFAI Business School, Hyderabad	10.11.17 - 11.11.17
51.	Kapil Assistant Professor	National Symposium on Dimensions of Quality in Higher Education in Contemporary Times	Shri Ram College of Commerce, Delhi	11.11.17
52.	Brahmjit Singh Professor	Third Intl. Conference : Nanofim	Gautam Buddha University, Greater Noida	16.11.17 - 17.11.17
53.	M P R Prasad Assistant Professor	Third Intl. Conference : Nanofim	Gautam Buddha University, Greater Noida	16.11.17 - 17.11.17
54.	Y. Dwivedi Assistant Professor	National Symposium on Multidimensional Aspects of Spectroscopy	DDU Gorakhpur, Gorakhpur	17.11.17 - 18.11.17
55.	Rajender Kumar Assistant Professor	Embedded Systems and Wireless Hands on Workshop	NIT Warangal	24.11.17 - 29.11.17
56.	Manish Kumar Jha Assistant Professor	Management Development Programme on General Management Programme for Senior & Middle Level Executives	Indian Institute of Management Calcutta, Kolkata	27.11.17 - 1.12.17
57.	Brahmjit Singh Professor	Sixth International Conference on Smart Computing and Communications	NIT Kurukshetra	7.12.17 - 8.12.17
58.	Dixit Garg	Sixth International Conference on Smart	NIT Kurukshetra	7.12.17 -

	Professor	Computing and Communications		8.12.17
59.	Ashwani Kumar Professor	Sixth International Conference on Smart Computing and Communications	NIT Kurukshetra	7.12.17 - 8.12.17
60.	Ankit Kumar Jain Assistant Professor	Sixth International Conference on Smart Computing and Communications	NIT Kurukshetra	7.12.17 - 8.12.17
61.	Priyanka Ahlawat Assistant Professor	Sixth International Conference on Smart Computing and Communications	NIT Kurukshetra	7.12.17 - 8.12.17
62.	Aeidapu Mahesh Assistant Professor	Sixth International Conference on Smart Computing and Communications	NIT Kurukshetra	7.12.17 - 8.12.17
63.	Bhanu Pratap Assistant Professor	Sixth International Conference on Smart Computing and Communications	NIT Kurukshetra	7.12.17 - 8.12.17
64.	Atma Ram Gupta Assistant Professor	Sixth International Conference on Smart Computing and Communications	NIT Kurukshetra	7.12.17 - 8.12.17
65.	Gaurav Saini Assistant Professor	Sixth International Conference on Smart Computing and Communications	NIT Kurukshetra	7.12.17 - 8.12.17
66.	Vikram Singh Assistant Professor	Sixth International Conference on Smart Computing and Communications	NIT Kurukshetra	7.12.17 - 8.12.17
67.	Rajender Kumar Professor	21st Annual Conference of Indian Political Economy Association	Indian Institute of Technology, Delhi	8.12.17 - 9.12.17
68.	Vikas Choudhary Professor	21st Annual Conference of Indian Political Economy Association	Indian Institute of Technology, Delhi	8.12.17 - 9.12.17
69.	D P Singh Professor	3rd International Conference on Global Trends in Pure and Applied Chemical Sciences	SRM University, Delhi - NCR Campus, Ghaziabad	8.12.17 - 9.12.17
70.	Sandeep Kakran Assistant Professor	7th International Conference on Power Systems	College of Engineering, Pune	21.12.17 - 23.12.17
71.	Arun Goel Professor	International Conference on Hydraulics, Water Resources and Coastal Engg	L D College of Engg., Ahmedabad	21.12.17 - 23.12.17
72.	Shabnam Assistant Professor	27th Annual Conference of National Academy of Psychology	IIT Kharagpur	22.12.17 - 24.12.17
73.	Jitander Kumar Kapoor Associate Professor	XXXVI Annual Conference; Indian Council of Chemists	Andhra University, Visakhapatnam	26.12.17 - 28.12.17
74.	D P Singh Professor	XXXVI Annual Conference; Indian Council of Chemists	Andhra University, Visakhapatnam	26.12.17 - 28.12.17
75.	Giribabu Dyanamina Assistant Professor	GIAN course on Wide Area Monitoring and Control of Cyber Power System	NIT Warangal	26.12.17 - 30.12.17
76.	Kiran Kumar Jaladi Assistant Professor	GIAN course on Wide Area Monitoring and Control of Cyber Power System	NIT Warangal	26.12.17 - 30.12.17
77.	Kapil Assistant Professor	Sensor Networks for Civilian Applications	NIT Kurukshetra	1.1.18 - 7.1.18
78.	Satnam Singh Assistant Professor	6th World Conference on Applied Science, Engineering and Technology	Institute for Engg. Research and Publication, Goa	2.1.18 - 3.1.18
79.	Rajneesh Assistant Professor	6th World Conference on Applied Science, Engineering and Technology	Institute for Engg. Research and Publication, Goa	2.1.18 - 3.1.18
80.	A S V Ravi Kanth Associate Professor	10th National Conference on Mathematical Techniques and Applications	SRM Institute of Science and Technology, Kattankulathur, Kanchipuram (Tamilnadu)	5.1.18 - 6.1.18
81.	Vinod Kumar Associate Professor	1st International Conference on New Frontiers in Engineering, Science & Technology	Delhi Technological University, New Delhi	8.1.18 - 12.1.18
82.	Vikas Choudhary Professor	1st International Conference on New Frontiers in Engineering, Science & Technology	Delhi Technological University, New	8.1.18 - 12.1.18

			Delhi	
83.	Surjit Angra Professor	International Conference on New Frontiers in Engg., Science & Technology.	Delhi Technological University, Delhi	8.1.18 - 12.1.18
84.	Gulshan Sachdeva Assistant Professor	International Conference on New Frontiers in Engg., Science & Technology.	Delhi Technological University, Delhi	8.1.18 - 12.1.18
85.	Geeta Sachdeva Assistant Professor	Fore International Sustainable Development Conference, 2018.	FORE School of Management, New Delhi	11.1.18 - 13.1.18
86.	Vikram Singh, Assistant Professor	Advanced Optimization Techniques for Engg. Applications	NIT Kurukshetra	13.1.18 - 17.1.18
87.	Gaurav Verma Assistant Professor	2nd International Conference on Inventive Systems and Control	JCT College of Engg., Coimbatore	19.1.18 - 20.1.18
88.	Brahmjit Singh Professor	International Conference on Micro-Electronics, Electromagnetics and Telecommunications	GVP College of Engineering, Madhurawada,Visakhapatnam	3.2.18 - 4.2.18
89.	Poonam Jindal Assistant Professor	International Conference on Micro-Electronics, Electromagnetics and Telecommunications	GVP College of Engineering, Madhurawada,Visakhapatnam	3.2.18 - 4.2.18
90.	Shahida Assistant Professor	International Conference on Commonwealth Literature	Osmania University, Hyderabad	8.2.18 - 10.2.18
91.	M P R Prasad Assistant Professor	Marine Robotics School	CSIR - National Institute of Oceanography, Goa	12.2.18 - 17.2.18
92.	M P R Prasad Assistant Professor	4th International Conference in Ocean Engineering	Indian Institute of Technology Madras, Chennai	18.2.18 - 21.2.18
93.	Kriti Bhushan Assistant Professor	5th IEEE International Conference on Signal Processing and Integrated Networks	Amity University, Noida, Delhi-NCR	22.2.18 - 23.2.18
94.	Chhagan Assistant Professor	International Conference on Signals, Machines and Automation	Netaji Subhas Institute of Technology (NSIT) Delhi	23.2.18 - 25.2.18
95.	Shashi Bhushan Singh Assistant Professor	Workshop on Building Management System	Johnson Controls India Pvt. Ltd., Pune	7.3.18 - 9.3.18
96.	Aeidapu Mahesh Assistant Professor	Workshop on Building Management System	Johnson Controls India Pvt. Ltd., Pune	7.3.18 - 9.3.18
97.	Dinesh Khanduja Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
98.	Shelly Vadhera Associate Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
99.	Rajneesh Assistant Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
100.	Ratna Dahiya Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
101.	Giribabu D Assistant Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
102.	Gian Bhushan Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
103.	Vijay Kr. Bajpai Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
104.	Punit Kumar Associate Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
105.	S M Gupta Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
106.	Chalak Hanuman D. Assistant Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
107.	Jayaram Nakka Assistant Professor	International Workshop on Sustainable Energy, Power & Propulsion	NIT Kurukshetra	18.3.18 - 22.3.18
108.	Dharmender Kr. Soni,	To receive Bharat Excellence Award in	New Delhi	20.3.18

	Professor	Economic Growth & National Unity		
109.	R P Chauhan Associate Professor	International Conference on Nanoscience and Technology	Indian Institute of Science, Bengaluru	21.3.18 - 23.3.18
110.	Pankaj Verma Assistant Professor	2nd IEEE International Conference on Electronics, Communication and Aerospace Technology	RVS Technical Campus, Coimbatore	29.3.18 - 31.3.18
111.	T. N. Sasamal Assistant Professor	2nd IEEE International Conference on Electronics, Communication and Aerospace Technology	RVS Technical Campus, Coimbatore	29.3.18 - 31.3.18
112.	Gaurav Verma Assistant Professor	2nd IEEE International Conference on Electronics, Communication and Aerospace Technology	RVS Technical Campus, Coimbatore	29.3.18 - 31.3.18

International Conference(Abroad)				
1.	Amit Prakash Assistant Professor	International Conference on Applied Analysis and Mathematical Modeling	Istanbul, Turkey	3.7.17 - 7.7.17
2.	Sarasvati Yadav Assistant Professor	International Conference on Applied Analysis and Mathematical Modeling	Istanbul, Turkey	3.7.17 - 7.7.17
3.	Nirmal Kant Singh Associate Professor	1st Summer School on Complex Fluid-Flows in Microfluidics	Faculty of Engg. University of Porto (Portugal)	10.7.17 - 14.7.17
4.	Minati Baral Professor	American Conference on Theoretical Chemistry	Boston University in Boston, Massachusetts, USA	16.7.17 - 21.7.17
5.	L M Saini, Professor	World Engineers Summit; Applied Energy Symposium & Forum	Suntec, Singapore	18.7.17 - 21.7.17
6.	R P Chauhan Associate Professor	International Conference on Nuclear Tracks and Radiation Measurements	Strasbourg, France	28.8.17 - 1.9.17
7.	Chetti Prabhakar Assistant Professor	XIV International Conference on Molecular Spectroscopy	AGH - Uni. of Science and Technology, Krakow, Poland	3.9.17 - 7.9.17
8.	Hari Singh, Professor	15th International Conference on Manufacturing Research	University of Greenwich, London, UK	5.9.17 - 7.9.17
9.	Jatinder Kumar Assistant Professor	15th International Conference on Manufacturing Research	University of Greenwich, London, UK	5.9.17 - 7.9.17
10.	Mohit Dua Assistant Professor	International Conference on Computer and Applications	Dubai, United Arab Emirates	6.9.17 - 7.9.17
11.	Ritu Garg Assistant Professor	International Conference on Computer and Applications	Dubai, United Arab Emirates	6.9.17 - 7.9.17
12.	Poonam Jindal, Assistant Professor	International Conference on Computer and Applications	Dubai, United Arab Emirates	6.9.17 - 7.9.17
13.	Sathans, Professor	Intl. Conf. on Control, Mechatronics and Automation	Uni. of Alberta, Canada	11.10.17 - 13.10.17
14.	J. S. Lather Professor	IEEE Canada - Electrical Power and Energy Conference 2017	Saskatoon, Saskatchewan, Canada	22.10.17 - 25.10.17
15.	Ashavani Kumar Professor	The First Materials Research Society of Thailand International Conference	Chiang Mai, Thailand	31.10.17 - 3.11.17
16.	Ashok Kumar Assistant Professor	The First Materials Research Society of Thailand International Conference	Chiang Mai, Thailand	31.10.17 - 3.11.17
17.	Avijit Kumar Paul Assistant Professor	The First Materials Research Society of Thailand International Conference	Chiang Mai, Thailand	31.10.17 - 3.11.17
18.	M. Senthilkumar Assistant Professor	The First Materials Research Society of Thailand International Conference	Chiang Mai, Thailand	31.10.17 - 3.11.17
19.	Dinesh Khanduja Professor	International Conference on Renewable Energy and Environment (ICREE 2017)	Toronto, Canada	1.11.17 - 3.11.17
20.	Mayank Dave Professor	11th International Conference on Ubiquitous Computing and Ambient Intelligence UCAml 2017	Villanova Uni., Philadelphia, Pennsylvania, USA	7.11.17 - 10.11.17

21.	Virender Ranga Assistant Professor	11th International Conference on Ubiquitous Computing and Ambient Intelligence UCAml 2017	Villanova Uni., Philadelphia, Pennsylvania, USA	7.11.17 - 10.11.17
22.	Smita Sonker Assistant Professor	International Conference on Computational Physics, Mathematics & it's Application	Zurich, Switzerland	23.11.17 - 26.11.17
23.	Ashutosh Kr. Singh, Professor	7th International Conference on Communication and Network Security	University of Tokyo, Tokyo, Japan	24.11.17 - 26.11.17
24.	Praveen Aggarwal Professor	International Conference on Infocom Technologies and Unmanned Systems	Amity University Dubai Campus, Dubai	18.12.17 - 20.12.17
25.	Jitender Kr Chhabra Professor	International Conference on Infocom Technologies and Unmanned Systems	Amity University Dubai Campus, Dubai	18.12.17 - 20.12.17
26.	Shelly Vadhera Associate Professor	International Conference on Industrial Design Engineering	Dubai	29.12.17 - 31.12.17
27.	Ashwani Kumar Professor	2nd International Conference on Energy and Environmental Science	University of Malaya, Kuala Lumpur, Malaysia	16.1.18- 18.1.18
28.	C R Mariappan Assistant Professor	3rd International Conference on Composite Materials and Material Engineering	National University of Singapore, Singapore	26.1.18- 28.1.18
29.	J K Quamara Professor	3rd International Conference on Composite Materials and Material Engineering	National University of Singapore, Singapore	26.1.18- 28.1.18
30.	Paras Ram Professor	3rd International Conference on Composite Materials and Material Engineering	National University of Singapore, Singapore	26.1.18- 28.1.18
31.	Sarika Jain Assistant Professor	7th International Conference on Educational and Information Technology	Oxford University, Oxford, United Kingdom	7.3.18 - 9.3.18
32.	V K Arora Professor	5th International Conference on Civil and Urban Engineering	Barcelona, Spain	11.3.18 - 13.3.18
33.	Baldev Setia Professor	5th International Conference on Civil and Urban Engineering	Barcelona, Spain	11.3.18 - 13.3.18
34.	Arun Goel Professor	5th International Conference on Civil and Urban Engineering	Barcelona, Spain	11.3.18 - 13.3.18
35.	Anurag Gaur Assistant Professor	6th International Symposium on Advanced Ceramics	Tohoku University, Japan	12.3.18 - 14.3.18
36.	Neena Jaggi Professor	6th International Symposium on Advanced Ceramics	Tohoku University, Japan	12.3.18 - 14.3.18
37.	Verma Saraswati RS Professor	8th International Conference on Key Engineering Materials	Osaka, Japan	16.3.18 - 18.3.18
38.	R K Sharma Professor	12th International Symposium on Medical information and Communication Technology	University of Technology, Sydney, Australia	26.3.18 - 28.3.18

11.8 COURSES AND ADMISSIONS

COURSES OFFERED

UNDERGRADUATE COURSES – B.TECH. DEGREE COURSES

Courses of study are offered in following disciplines:

Discipline 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)

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-2017 are given below:

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

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

The Insitute made admissions directly through Institute level counseling in the academic session 2017-18 on sponsored seats for all branches and specializations. The number of seats available in each category for admission through this mode are given below:

(iii)Sponsored seats:

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

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

ADMISSIONS

UNDERGRADUATE COURSE

Details of candidates admitted to B.Tech. courses in 2017-2018:-

Details of candidates admitted to B.Tech course in 2017-2018:-

B.Tech	Female							**Female Total**	Male								**Male Total**	**Grand Total**
Category	DASA	ICCR	MEA	OBC	OP	SC	ST		DASA	ICCR	MEA	OBC	OP	OPPH	SC	ST		
Civil Engg.	-	1	-	5	3	1	-	**10**	-	4	-	30	59	1	21	10	**126**	**136**
Computer Engg.	-	1	-	1	10	2	1	**15**	4	1	1	22	31	2	12	5	**78**	**93**
Electrical Engg.	-	-	-	3	12	6	2	**23**	-	5	-	37	50	1	15	8	**118**	**141**
Electronics & Comm. Engg.	-	-	-	2	9	3	1	**15**	-	3	1	34	50	1	17	11	**118**	**133**
Information Technology	-	-	-	-	7	1	1	**09**	-	1	1	24	35	2	13	5	**81**	**90**
Mechanical Engg.	-	-	-	-	3	-	-	**03**	1	3	1	35	60	2	20	12	**134**	**137**
Production & Industrial Engg.	-	-	-	1	7	-	-	**08**	-	0	-	27	3	-	13	6	**79**	**87**
Grand Total	-	2	-	12	51	13	5	**83**	5	17	4	209	318	9	111	57	**734**	**817**

POSTGRADUATE COURSES

Details of sanctioned intake and candidates admitted to M.Tech. courses in 2017-2018:-

M.Tech 2017-18 Admitted Branch wise Category wise & Male/Female Chart

Deptt.	Specialization	Female							Female Total	MALE							Male Total	Grand Total
		Gen	Gen PH	OBC	SC	Spon sored	ST	ICCR		Gen	Gen PH	OBC	SC	Spon Sored	ST	ICCR		
Chemistry	Molecular Engg. & Advanced Chemical Analysis	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Civil	Environmental	3	0	1	1	0	0	0	5	6	0	7	2	0	1	1	17	22
	Soil Mech. & Foundation	1	0	1	1	0	0	0	3	8	0	4	2	0	1	1	16	19
	Structural	0	0	0	1	1SC	0	0	2	8	0	5	3	1	1	1	19	21
	Water Resources	2	0	0	1	0	0	0	3	5	0	4	4	0	0	1	14	17
	Transportation	0	0	0	0	1	0	0	1	6	0	5	5	1	1	1	19	20
Computer	Computer	5	0	4	2	0	0	0	11	4	0	6	2	2	0	0	14	25
	Cyber Security	3	0	0	1	0	0	0	4	4	0	5	5	0	1	0	15	19
ECE	ECE	7	0	1	2	0	1	0	11	2	0	5	2	0	1	0	10	21

Electrical	Control System	1	0	1	2	0	0	0	4	7	0	6	1	0	0	0	14	18
	Power Electronics & Drives	3	0	0	1	0	0	0	4	8	0	4	2	0	1	0	15	19
	Power System	2	0	1	0	0	0	0	3	9	0	4	2	0	2	0	17	20
Mechanical	Industrial & Production	1	0	0	1	0	1	0	3	5	0	6	6	0	0	0	17	20
	Machine Design	0	0	1	0	0	0	0	1	7	0	7	4	0	1	0	19	20
	Thermal	0	0	0	0	0	0	0	0	11	0	6	3	0	2	0	22	22
Physics	Instrumentation	2	0	0	0	0	0	0	2	6	0	3	2	0	0	0	11	13
	Nanotechnology	2	0	1	1	0	0	0	4	5	0	0	1	0	0	0	6	10
School of VLSI Design & Embedded System	Embedded System Design	2	0	1	0	0	0	0	3	4	0	4	0	0	0	0	8	11
	VLSI Design	1	0	1	0	1	0	0	3	11	0	5	2	0	0	0	18	21
School of Renewable Energy & Systems	Renewable Energy & Efficiency	0	0	0	1	0	0	0	1	9	0	3	2	0	1	0	15	16
School of Biomedical Engg.	Biomedical Engg.	1	0	0	0	0	0	0	1	2	0	1	0	0	0	0	3	4
School of Materials Sc. & Tech.	Materials Sc. & Tech.	1	0	1	1	0	0	0	3	2	0	0	1	0	0	0	3	6
	Grand Total	39	0	14	16	3	2	0	74	129	0	90	51	4	13	5	292	366

11.9 SCHOLARSHIPS AND AWARDS

Undergraduate

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

B.Tech.

Scholarships	**Number awarded**					**Value (Rs.)**
Year	**1st**	**2nd**	**3rd**	**Final**		
Batches	**2017**	**2016**	**2015**	**2014**	**Total**	
Merit Scholarship	84	84	84	84	336	Rs 1000/- per annum and a merit certificate with exemption from payment of tuition fee. From 2007 onward only 21 nos. scholarship amounting to Rs.3000/- & a merit certificate is given. Tuition is not exempted.
Postmatric Scholarship	51	65	89	35	277	Rs. 740/- p.m. for Boarders &Rs.330/- p.m. for day scholars
Others states	141	125	92	20	335	Students with full exemption from tuition fee.
Others Univ., Railways, P&T, Air-Force, Jindal Trust, Guru Harikishan Society and NCERT, DTE, DHE, Kalpana Chawla & Dhingra etc. ONGC	65	57	44	25	191	As sanctioned by the various departments and concerned agencies.
Academic Prizes B.Tech	44	44	44	44	176	Rs. 250/- by way of Technical books and in cash to the passed out students.

Central Scholarship	260	203	88	68	427	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. 12400/- p.m. per student is awarded to all eligible student pursuing a regular course of study of M.Tech. Only those candidates who have qualified GATE are eligible for the award of the scholarships.

Doctoral Programme

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

11.10 TRAINING AND PLACEMENT STATISTICS

Leading National and Multi national companies compete each other to be first in our campus for recruiting under-graduate and post-graduate students. Major companies including Directi, Adobe, Maruti-Suzuki, Amazon, Z Scaler, CA Tech, Samsung R&D, Volvo Eicher, L&T Construction UHG, Tata Motors, RBS, Drishti, Siemens, Edelweiss Finance, ford Motors, Jugnoo, Alstom, Infosys visited the institute for recruitments. In total 190 companies conducted the placement drive and out of this, 172 organisations recruited our students. UG students 500 in nos. out of the 566 eligible students were placed in various organisations. In total 650 job offers were grabbed by the students. The highest offer was Rs. 39.12 LPA by Adobe systems whereas the average CTC was 8.51 LPA. PG students 150 in nos. out of the 429 eligible students were placed in various organisations. In total 166 job offers were grabbed by the students. The highest offer was Rs. 28.00 LPA by Handzap whereas the average CTS was 5.64 LPA. Many students were offered pre-placement offers in the range of 5.11-27.00 LPA while undergoing training after B.Tech. 6th semester studies. Many PSU's like C-DOT, BEL, IOCL, IGL, TCIL also visited the institute for the placements and recruited over 37 students.

Discipline	**No. of Offers**	**No. of students who got jobs**
Computer Engg.	104	81
Information Technology	91	78
Electronics & Comm. Engg.	103	82
Mechanical Engg.	93	81

Electrical Engg.	114	84
Civil Engg.	66	59
Production & Industrial Engg.	39	35
MCA	67	60
M.Tech.	77	72
MBA	22	18

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 ` 2315.00 lacs for 2007-08, ` 2756.00 lacs for 2008-09, ` 3944.00 lacs for 2009-10, ` 2200.00 lacs for 2010-11, ` 4100.00 lacs for 2011-12, ` 3300.00 lacs for 2012-13, ` 1500.00 lacs for 2013-14 and ` 3800.00 Lacs for the year 2014-15, ` 5300.00 lacs for the year 2015-16 and ` 4400.00 lacs are released for the financial year 2016-17 and ` 7564.00 are released for the year 2017-18. The Plan Grant received from Government of India has been earmarked/utilized for construction of various works.

12. RESEARCH WORK

12.1 ON GOING RESEARCH PROJECTS

Sr No	Name & Coordinator of the Project	Amount sanctioned (` in lacs)	Sponsoring Agency	Duration
1.	Multi-Functional Metal- Organic Frameworks Construction by New Organic Ligands with mixed N-/O donors by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	29.16	DST Project	3 Years
2.	Neutral and Cationic Ruthenium Complexes for Amidation and related Reactions in Aqueous and Biphasic Medium by Dr. M. Senthil Kumar, Asstt. Prof. in Chemistry Deptt.	28.41	DST Project	3 Years
3.	New Magnetic Materials applicable as Colored Pigments and Catalysts under INSPIRE FACULTY AWARD SCHEME from INSA (DST Project) by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	35.00	DST Project	5 Years
4.	ISEA Project by Prof. A. Swarup and Prof. Mayank Dave	36.06	DST Project	3 Years
5.	SMDP Project by Prof. A.K. Gupta and Prof. R.K. Sharma	16.13	DST Project	3 Years
6.	Vishvesariya Ph.D Scheme by Prof. Mayank Dave	346.58	Digital India (Media Lab Asia)	5 Years
7.	Defending Distributed Denial of Service (DDoS) attacks using Dynamic Resource ownership and Economic Incentives based solution	23.06	DST Project	3 Years
8.	Synthesis of Water Soluble Cobalt Complexes & Their Catalytic Activities in Acquos & Biphasic Medium by Ms. Anita	23.20	DST Project	3 Years

	Bhatia			
9.	Nano Scale Vesicles Modified Metal Complex's for Therapeutic Carbon Monoxide Delivery by Dr. Amilan Jose, Chemistry Department	6.85	CSIR Project	3 Years
10.	FIST Program by Prof. Mahesh Pal, Civil Engineering Department	108.00	DST Project	5 Years
11.	Development of Higly Sensitive Colorimetric and Fluorescent Moisture Sensors, based on small molecules, Chemically modified paper and electrospun nanofibrous materials by Dr. Amilan Jose Chemistry Department.	31.08	SERB Project	3 Years
12.	Photoinduced release of therapeutic Nitric Oxide (NO) form functionalized self assembled nanovesicles by Dr. Amilan Jose Chemistry Department.	44.44	DST Project	3 Years
13.	Performance Enhancement of Vapor Compression Refrigeration System of Small Capacity using Ejector as an Expansion Device by Dr Gulshan Sachdeva Mechanical Engg. Department.	11.24	SERB Project	3 Years
14.	Design and Development of Solar assisted Solid desiccant air conditioning system for India by Dr. Avadhesh Yadav Mechanical Engg. Department	22.67	SERB Project	3 Years
15.	Development of Noval Electrodes Materials for Supercapacitor Applications by Dr. Parkash Chand Physics Department.	41.32	SERB Project	3 Years
16.	Design Synthesis and Optoelectronic properties of squaraine and croconine based functional organic materials. Dy Dr. Chetti Prabhakar Chemistry	11.00	CSIR Project	3 Years

	Department			
17.	Partition Recovery of Wireless Sensor Networks with the integration of Unmanned Aerial Vehicles (UAvs) by Dr. Virender Ranga Computer of Engg. Department.	13.68	SERB Project	3 Years
18.	Development of Ultrasonic Assisted Electrochemical Mechanical Finishing (UAECMF) Process with Modular Tooling System for Precision Finishing of Gears by Dr. J.P.Mishra Mechanical Engg. Department	16.50	SERB Project	3 Years
19.	Design & Development of a Hybrid Powered Liquid Desiccant System for Air Conditioning and fresh Water Production by Dr. Rajneesh Mechanical Engg. Department.	20.30	SERB Project	3 Years

12.2 ACHIEVEMENTS DURING THE YEAR

Mechanical Engineering Department

Workshops/Conferences/Seminars organized/attended

1. Sixth International Conference on “Smart Computing and Communication”. NIT Kurukshetra. Dec. 7-8, 2018.
2. 2nd International Conference on “Advanced Production and Industrial Engineering”. Delhi Technological University Delhi. Oct. 7, 2017.
3. National Conference on “Emerging Trends in Manufacturing and Automation Engineering”. Amity University Gwalior. Oct. 6, 2017.
4. One Day Workshop on “The Process of Patent Filing”, NIT Kurukshetra. August 19, 2017.
5. STP on Rural Development and Sustainability, NIT, Kurukshetra, 15 - 19 January, 2018.
6. FDP on Entrepreneurship, YMCA University, Faridabad, 4 - 8 Dec. 2018.

Guest Lectures & Seminars.

1. Delivered Expert (Key note) Lecture on “Some Advances in Industrial Engineering and Management” in International Conference on “Advances in Business and Engineering for Sustainability (ABES-2018)”. ABES Engineering College Ghaziabad (UP). March 27-28, 2018.

2. Delivered an Expert (Key note) Lecture on "Some Advances in Industrial Engineering" as Guest of Honour in 2nd International Conference on "Advanced Production and Industrial Engineering". Delhi Technological University Delhi. Oct. 7, 2017.
3. Delivered an Expert (Key note) Lecture on "Some Advances in Industrial Engineering" as Guest of Honour in National Conference on "Emerging Trends in Manufacturing and Automation Engineering". Amity University Gwalior. Oct. 6, 2017.
4. Delivered an Expert Lecture on "Advances in Optimization Techniques" on Sept. 8, 2017 in One Week QIP Sponsored Short Term Course at GNEC Ludhiana.
5. Delivered "Guest Lecture at STP on Rural Development and Sustainability" on Jan 16, 2018 in One Short Term Course at NIT, Kurukshetra
6. Delivered Guest Lecture at FDP on Entrepreneurship on Dec. 8, 2017 at YMCA University, Faridabad

Physics Department

Conferences/ Symposia/ workshop Attended/organised:

1. Dr. Y. Dwivedi, National Symposium on Multidimensional Aspects of Spectroscopy, Department of Physics, DDU University, Gorakhpur, November 17-18, 2017
2. Dr. Neena jaggi, 6th International Symposium on Advanced Ceramics(ISAC-6) held at Tohoku University, Sendai, Japan during March 12-14, 2018
3. Dr. Anurag Gaur, 'INUP Hands-on Training Workshop on Nanofabrication Technologies' held at IIT Bombay during 23-10-2017 to 27-10-2017.
4. Dr. R.P. Chauhan, 20th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTD-2017), at Vidya Vikas Institute of Engineering and Technology, Mysuru 26-28 October, 2017.
5. Dr. R.P. Chauhan, International conference on High Energy Radiation and Applications (ICHERA-2017), at M.S.University Baroda, Gujrat 10-13 October, 2017.
6. Dr. R.P. Chauhan, International conference on Materials Research and Technology (ICMRT-2017), at Aggarwal College Ballabgarh, Haryana. 10-11 July, 2017.
7. Dr. Ashavani Kumar, Coordinator of National Conference on "Nanoscience and Instrumentation" NCNIT-2017, at Department of Physics, National Institute of Technology, Kurukshetra, India, 5-6 March, 2017.

8. Dr. Ashavani Kumar, The first materials research society of Thailand International Conference (1st MRS Thailand Conference), Chiang Mai, Thailand, October 31st – November 3rd, 2017
9. Dr. A K Tripathi International Conference on Multifunctional materials: Analytical techniques and diverse applications (MMAD18), NIT Kurukshetra, January 20, 2018
10. Dr. A K Tripathi Molecules & Materials Technology: Interface with R&D and Industries, NIT Kurukshetra, March 21-26, 2018
11. Dr. A K Tripathi 5th national conference on Nanoscience and Instrumentation Technology, NIT KKR (5-6 March 2017)
12. Dr. A K Tripathi Two days workshop on GOODS AND SERVICES TAX (GST), NIT KKR, 06-07 September 2017.
13. Dr. A K Tripathi One week Training Programme on Professional Development of Teachers, NIT KKR, 15-20 March 2017

Other Achievements:

1. Mrs. Rashmi, Ph.D. Scholar received best poster presentation in International conference organized by Chemistry Department, NIT Kurukshetra, January 2018.
2. Faculty Dr. Y. Dwivedi received Bharat Vikas Award, November 2017.
3. Faculty Dr. R.P Chauhan received Best faculty Award on Teachers day (5th September, 2017) from Director NIT Kurukshetra.
4. Ms. Pushpa Kumari, Ph.D. Scholar received International Travel grant from DST and CSIR, New Delhi to attend an International Conference at Singapore. August 2017
5. Mr. Suresh Kumar, Ph.D. Scholar received International Travel grant from DST, New Delhi to attend an International Conference at France. August 2017
6. Faculty Dr. Y. Dwivedi published a book entitled Advances in Applied Spectroscopy: Concepts and Techniques, from Nova Publishers, USA July 2017
7. Astakala Anil Kumar, Ph.D. Scholar received Best Poster Presentation Award in International Conference at Indian Institute of Technology Kanpur, June, 2017.
8. Faculty Dr. R.P Chauhan has chaired a Technical Session during International conference on Materials Research and Technology (ICMRT-2017), at Aggarwal College Ballabgarh, Haryana. 10-11 July, 2017.

Electrical Engineering Department

Seminar /conference/workshop/short term organized:

1. Organized National Conference on Advances in Power Control and Communication Systems NCAPCCS-18, during April 21-22, 2018 by Dr.Lillie Dewan, Dr. Monika Mittal and Dr. Shelly Vadhera.

2. Organized one week short term course on “Control Strategies for Power Quality Improvement” during . Jan. 12 -16, 2018, by Dr. Yash Pal and Dr. J. S. Lather
3. Organized one week short term course on “FACTs in renewable Energy Systems” during, Dec. 29,2017 –Jan.2, 2018, by Dr. Yash Pal and Dr. Anil Kumar Dahiya**.**
4. Organized one week short term course on “Sustainable Rural Development using Science and Technology” during, Jan., 15-19, 2018, by Dr. Yash Pal and Dr. Anil Kumar Dahiya**.**
5. Organized one week short term course on **“**System Analysis, Optimization and Control ” during Feb 17-22, 2018 by Dr. J. S. Lather, Dr. Anil Kumar Dahiya, and Dr. Naveen Kumar
6. Organized one week short term course on “Signal Processing in Power System Protection & Control (S3PC-2017)” during July 17-22, 2017 by Dr. Monika Mittal, Dr. Shelly Vadhera **.**
7. Organized one week short term course on Trends and challenges in Industry academia collaborations (TCIAC-2018)” during Jan 8-12, 2018 by Dr. Monika Mittal
8. Organized one week workshop on as Convener on “Industrial Applications of Advanced Technologies” in Collaboration with CETPA during Feb 24-28, 2018 by Dr. Monika Mittal**.**
9. Organized one week workshop on “Research methodology: An Applied Orientation (RMAO-2018)” organized during March 12-16, 2018 by Dr. Monika Mittal and Dr. Shelly Vadhera**.**
10. Organized one day seminar as Convener on Role of Women Achievers in Science, Technology and Management in Sustainable Green Energy in India organized by EED on March 8, 2018 by Dr. Monika Mittal**.**
11. Organized one week short term course on **“**High Voltage Engineering: Generation, Measurment, and its Application (HVEGMA-2018)” during July 16-20, 2018 by Dr. Saurabh Chanana, Dr. Atma Ram Gupta, and Dr. Pradeep Kumar
12. Organized one week short term course on **“**Advances in Modeling and Control of Renewable Energy Systems (AMCRES-2017)” during December 11-16, 2017 by Dr. Bhanu Pratap, Dr. Shashi B Singh, and Dr. Pradeep Kumar
13. Organized One Day Training Program on Energy Conservation Building Code-2017 sponsered by HAREDA dated 12/09/17 by Giribabu.D
14. Organized a workshop on “Real-time simulation and applications in power electronics, drives and renewable energy systems (RTSA-2017)”, during December 18-23, 2017 by Dr. A. Mahesh and Dr. T. Ramesh.

Seminar /conference/workshop/short term attended:

1. International Workshop on Sustainable Energy, Power and Propulsion at NIT Kurukshetra on March 18-22, 2018 has been attended by Dr. Ratna Dahiya.
2. Workshop on Launching of New Framework of Unnat Bharat Abhiyan 2.0 and Oriantation at, AICTE, New Delhi on April 25, 2018 has been attended by Dr. Yash Pal.
3. One day workshop on International Yoga Day at NIT Kurukshetra on June 21, 2017, has been attended by Dr. Monika Mittal
4. One day workshop on Process of Patent Filing at NIT Kurukshetra on August 19, 2017, has been attended by has been attended by Dr. Monika Mittal
5. One day workshop on Industry – Institute Interaction with IOCL organized by MED, NIT Kurukshetra on August 7, 2018 has been attended by Dr. Monika Mittal
6. Continuing Education Program Workshop on Pulse power Technologies for HPM Applications at TBRL Chandigarh during August 8-10, 2017 has been attended by Dr. Saurabh Chanana
7. Wokshop on Estimation Guidance and Control: Applications to Missile Systems at NIT Kurukshetra from January 10-15 2018 has been attended by Dr. M P R Prasad
8. Wokshop on Marine Robotics School at NIO Goa, Feb 12-17 2018 has been attended by Dr. M P R Prasad.
9. Conference on IEEE NANOfim 2017 at Gautam Buddha University Noida during 16-17, Nov-2018, has been attended by Dr. M P R Prasad.
10. Conference on ICOE at IIT Madras Chennai during 18-21, Feb has been attended by Dr. M P R Prasad.
11. Two week ISTE STTP on “Electric Power System” at from IIT Kharagpur at NIT Kururkshetra during 10-15th July 2017, has been attended by Dr. Atma Ram Gupta...
12. .CEP Course on “Pulse Power Technology for HPM Application” at TBRL, Chandigarh during 08-10th August 2017, has been attended by Dr. Atma Ram Gupta.
13. One Day Workshop on “The Process of Patent Filing”, Organized by Intellectual Property Rights (IPRC) at NIT Kurukshetra on 19th August 2017, has been attended by Dr. Atma Ram Gupta.
14. Two Days Workshop on “Goods and service Tax” at NIT Kurukshetra during 06-07th September, 2017, has been attended by Dr. Atma Ram Gupta.

15. Sixth International Conference on “Smart Computing & Communications" (ICSCC 2017) at NIT Kurukshetra during 07-08th December, 2017, has been attended by Dr. Atma Ram Gupta.
16. International Conference on "Signals, Machines and Automations" SIGMA 2018 at NSIT New Delhi during 23-25th Feb,2018, has been attended by Dr. Atma Ram Gupta.
17. International Conference on Power System (ICPS), at Pune, December 2017 has been attended by Mr..Sandeep Kakran
18. Two Week ISTE-STTP on “Electric Power System” conducted by IIT Kharagpur from 12th June, 2017 to 15th July, 2017 , has been attended by Dr. Rahul Sharma.
19. One Day Workshop on “Universal Human Values” conducted by NIT Kurukshetra at 25th July 2018, has been attended by Dr. Rahul Sharma
20. One day workshop on Process of Patent Filing at NIT Kurukshetra on August 19, 2017, has been attended by has been attended by Dr. Shashi Bhushan Singh
21. Two Week ISTE-STTP on “Electric Power System” conducted by IIT Kharagpur from 12th June, 2017 to 15th July, 2017 , has been attended by Dr. Shashi Bhushan Singh
22. One-Week Short Term Course on " Estimation Guidance and Control: Applications to Missile Systems” at NIT Kurukshetra, January 10-15 2018 has been attended by Dr. Shivam.

Guest Lecture delivered:

1. Expert Lecture on event Based Control in the STP organized at NIT Kurukshetra has been delivered by Dr. Lillie Dewan
2. Expert Lecture on “ Faculty Mentoring”, at NIT Kurukshetra, 24 July 2018 has been delivered by Dr. G. L. Pahuja.
3. Expert Lecture on Reliability in one day workshop, “Reliability Engineering and Applications”, 25 September, 2018 has been delivered by Dr. G. L. Pahuja.
4. Expert Lecture on “Attributes of Research” in STTP on “Research methodology: An Applied Orientation (RMAO-2018)” organized during March 12-16, 2018 has been delivered by Dr. Ratna Dahiya.
5. Expert lecture in the STC entitled “Advances in Modelling & Control of Renewable Enegry Systems” on the topic of Microgrid during December 11-16, 2017 held at NIT Kurukshetra has been delivered by Dr. Ratna Dahiya.
6. Expert Lecture on “Control System Design” at NIT Srinagar, Uttarakhand on 09/11/2017 and 10/11/2017 has been delivered by Dr. J. S. Lather.

7. Expert lecture on “System Analysis :Computations using Haar wavelet” in STC on “Signal Processing in Power System Protection & Control (S3PC-2017)” organized jointly by Electrical Engineering & Electronics and Communication Engineering Departments, NIT Kurukshetra from July 17-22, 2017 has been delivered by Dr. Monika Mittal
8. Expert lecture on “Implementation of operational approach: Operator Matrices” in STC on “Signal Processing in Power System Protection & Control (S3PC-2017)” organized jointly by Electrical Engineering & Electronics and Communication Engineering Departments, NIT Kurukshetra from July 17-22, 2017 has been delivered by Dr. Monika Mittal
9. Expert lecture on “Collaborative Efforts: Issues and Techniques” in STC on “Trends and challenges in Industry academia collaborations (TCIAC-2018)” organized by Electronics and Communication Engineering Department, NIT Kurukshetra from Jan. 8-12, 2018 has been delivered by Dr. Monika Mittal
10. Expert lecture on “Optimization using Operational Approach” in one week short term training program on “Control Strategies for Power Quality Improvement (CSPQI-2018)” organized by EED, NIT Kurukshetra from Jan 12-16, 2018, has been delivered by Dr. Monika Mittal
11. Expert lecture on “An Applied Approach for Research Methodology” in one week workshop on “Research Methodology: An Applied Orientation (RMAO-2018)” organized by Electronics and Communication Engineering Department, NIT Kurukshetra from March 12-16, 2018, has been delivered by Dr. Monika Mittal
12. Expert Lecture on Smart Grid and Demand Response during One week STC on Signal Processing in Power System Protection (S3PC 2017) at NIT Kurukshetra, July 20, 2017, has been delivered by Dr. Saurabh Chanana
13. Expert Lecture on Modelling and Simulation of Pulsed EM Circuits during 3 day CEP on Pulsed Power Technologies for HPM Applications at TBRL Chandigarh, August 10, 2017, has been delivered by Dr. Saurabh Chanana
14. Expert Lecture on Smart Grid at Department of Applied Sciences Chandigarh University, Gharuan, November 14, 2017 has been delivered by Dr. Saurabh Chanana
15. Expert Lecture on Renewable Energy and Smart Grid during one week STTP on FACTS in Renewable Energy Systems at NIT Kurukshetra, January 2, 2018, has been delivered by Dr. Saurabh Chanana
16. Expert Lecture on Research Methodolog (RM-2018) in TEQIP-III Sposored Faculty Development Programme at SGI, Sriganganagar and RTU, Kota during Mar. 13-17, 2018 has been delivered by Dr Bhanu Pratap

17. Expert Lecture on "Impact of D-FACTS on allocation of Distributed Generation in Distribution Network" at *College of Engineering, Roorkee* during 17th March, 2018 has been delivered by Dr. Atma Ram Gupta.
18. Expert Lecture on "Integration of Renewable Energy Sources in Distribution System" Self Financed Short Term Course on Advances in Modelling &Control of Renewable Energy Systems (AMCRES-2017) during December 11-16, 2017 has been delivered by Dr. Atma Ram Gupta..
19. Expert lecture in the STC entitled "Advances in Modelling & Control of Renewable Enegry Systems" on the topic of Hybrid Energy System during December 11-16, 2017 held at NIT Kurukshetra has been delivered by Dr. Rahul Sharma..
20. Expert lecture in the STTP entitled "Control Strategies for Power Quality Improvement" on the topic of Control Issues in Microgrid System held at NIT kurukshetra has been delivered by Dr. Rahul Sharma.
21. Expert Lecture on Multi Agent Systems in Short Term Course on Advances in Soft Computing Techniques for Solving Engineering Problems (ASCTSEP-2017) at NSIT New Delhi from July 17 to July 21, 2017, has been delivered by Dr. Pradeep Kumar
22. Expert Lecture on Wavelet Transforms: An approach for Signal Processing, in Faculty Development Program under TEQIP-III on Wavelet theory and its application in Signals & Image Processing at United College of Engineering and Research Naini Allahabad from 1-5 May 2018. has been delivered by Dr. Pradeep Kumar
23. Expert Lecture on Hydrpower: Past Present and its Future, in TEQIP-III Sponsored Short Term Course on Hydropwer: Technologies and Policies, at THDC Institute of Hydropower Engineering and Technology, Tehri Garhwal, from 27 August 2018 to 1 September 2018, has been delivered by Dr. Pradeep Kumar
24. Expert Lecture on Voltage regulation and enhanced load sharing in DC microgrid ïn Advances in Modelling and Control of Renewable Energy Systems (AMCRES-2017) at the Department of Electrical Engineering, National Institute of Technology Kurukshetra during December 11-16, 2017, has been delivered by Dr Shivam.

Invited Expert Lecture from other industry /R&D/ institution:

1. Expert Lecture on Microgrid: the next opportunity has been delivered by Prof. Vijay Kumar Sood from university of Ontario Institute of Technology, Ontario, Canada, dated 4th Jan. 2018.

2. Expert Lecture on “Smart Grids” on September 15, 2017, Dr. Nirmal Kumar Roy Professor, NIT Durgapur
3. Expert Lecture on “Smart Grids: Challenges and Opportunities” on August 07, 2017 Dr. Debapriya Das Professor, IIT Kharagpur
4. Expert Lecture in STTP on “Signal Processing in Power System Protection & Control (S3PC-2017)” during July 17-22, 2017 has been delivered by Sh. Amitanshu Satpaty, Managing Director, Best Power Equipments Pvt Ltd., Noida.
5. Expert Lecture in STTP on “Signal Processing in Power System Protection & Control (S3PC-2017)” during July 17-22, 2017 has been delivered by Sh. Ashvini Vishwakarma, Director, Anik Mechatronics Pvt Ltd., Gurugram, Haryana, India.
6. Expert Lecture in STTP on “Signal Processing in Power System Protection & Control (S3PC-2017)” during July 17-22, 2017 has been delivered by Dr. Dharmendra Singh, Professor, Electronics and Communication Engg. Deptt., IIT Roorkee.
7. Expert Lecture in STTP on “Signal Processing in Power System Protection & Control (S3PC-2017)” during July 17-22, 2017 has been delivered by Dr. J. S. Ubhi, Professor and Head, Electronics and Communication Engg. Deptt., Sant Longowal Institute of Engineering & Technology (SLIET)
8. Expert Lecture in STTP on “Signal Processing in Power System Protection & Control (S3PC-2017)” during July 17-22, 2017 has been delivered by Sh. Rajesh Rastogi, Addl. General Manager and Head Protection and Automation,Tata Power Delhi Distribution Ltd., Delhi, India
9. Expert Lecture in STTP on “Signal Processing in Power System Protection & Control (S3PC-2017)” during July 17-22, 2017 has been delivered by Sh. Rajil Srivastava, Addl. General Manager Engineering RETF, Power Grid Corporation of India Ltd., Gurgram, Haryana, India.
10. Expert Lecture in STTP on “Signal Processing in Power System Protection & Control (S3PC-2017)” during July 17-22, 2017 has been delivered by Sh. Chandrasekhar, Scientist F, DRDO, India.
11. Expert Lecture in STTP on **“**Advances in Modeling and Control of Renewable Energy Systems (AMCRES-2017)” during December 11-16, 2017 has been delivered by Dr. Anshul Agrwal, N.I.T, Delhi, India.
12. Expert Lecture in STTP on **“**Advances in Modeling and Control of Renewable Energy Systems (AMCRES-2017)” during December 11-16, 2017 has been delivered by Dr. Bhavnesh Kumar, N.S.I.T, Delhi, India.

13. Expert Lecture in STTP on **"**Advances in Modeling and Control of Renewable Energy Systems (AMCRES-2017)" during December 11-16, 2017 has been delivered by Dr. Anil Parihar, D.T.U, Delhi, India.
14. Expert Lecture in STTP on **"**Advances in Modeling and Control of Renewable Energy Systems (AMCRES-2017)" during December 11-16, 2017 has been delivered by Mr. Kapil Jindal, Advance Tech. Pvt. Ltd., India.

Civil Engineering Department

Lecture delivered/conference/workshops/STTP attended and conducted

1. One week short term courses on Strengthening Capacities for Hazardous and Disaster Risk Management(SCHDRM-2018) during May 01-06, 2018(Coordinators: Dr. Arun Goel and Dr. Yogesh Aggarwal and Convener Dr. H.K Sharma).
2. One week short term courses on Advances in Structural Engineering (AISE-2018) during May 14-19, 2018 (Coordinators: Dr. Babita Saini and Dr. H.D. Chalak and Convener Dr. H.K Sharma).
3. Two week training/workshop of teaching supporting staff including outsourced Technical Staff during June 18 to July 02, 2018 (Coordinators: A.K. Prabhakar and N. K. Das and Convener Dr. H.K Sharma).
4. One day Workshop on "Faculty-Mentors the Induction Programme for the First Year B.Tech. Students under TEQIP-III", during July 24, 2018 at NIT Kurukshetra.
5. International conference on water challenges in India", during February 08-09, 2017 New Delhi, India.
6. Sustainable Rural Development using Science and Technology" under Unnat Bharat abhiyaan during Jan 15-19, 2018, NIT Kurukshetra, Haryana, India.

Electronics & Communication Engineering Department

Invited Talks/Session Chaired/Expert Lecture Delivered

1. Dr. Vikas Mittal, Two hours expert lecture on "Wavelet theory and applications" in STC on "Signal Processing in Power System Protection & Control (S3PC-2017), Electrical Engineering & Electronics and Communication Engineering Departments, NIT Kurukshetra, One week17-22 July, 2017
2. Dr. Vikas Mittal, Two hours expert lecture on "Spotlight on Mechanism for Industry Academia Collaborations" in STC on "Trends and challenges in Industry academia collaborations (TCIAC-2018)" ECE Dept, NIT Kurukshetra One week, 8-12 Jan. 2018
3. Dr. Vikas Mittal, Keynote address on "Methodologies in Industry and Academia Collaboration" in STC on "Trends and challenges in Industry academia collaborations (TCIAC-2018)" ECE Dept, NIT Kurukshetra One week, 8-12 Jan. 2018

4. Dr. Vikas Mittal, Two hours expert lecture on "An Applied Approach for Research Methodology" in one week workshop on "Research Methodology: An Applied Orientation (RMAO-2018)" ECE Dept, NIT Kurukshetra One week, 12-16 March 2018
5. Dr. Vikas Mittal, Two hours expert lecture on "Endnote: Introduction and Usage" in one week workshop on "Research Methodology: An Applied Orientation (RMAO-2018)" One week, ECE Dept, NIT Kurukshetra 12-16 March 2018
6. Dr. Umesh Ghanekar, MedImg 2018, IIT Delhi, 14 -16 April 2017
7. Dr. Pankaj Verma, Two Hours expert lecture on "Energy Detection based Spectrum Sensing for Cognitive Radios" in one week STC on 5G Wireless Communication Networks: Fundamental and Implementation Issues, ECE Dept, NIT Kurukshetra, 10-15 July 2017

STC/Workshops/Conference/Seminar Organized

1. Ritu Garg, Poonam Jindal, Advanced Optimization Techniques for Engineering Applications AOTEA-2018, Computer Engineering Dept. NIT Kurukshetra, 5 days,13-17 January 2018
2. Poonam Jindal, Ritu Garg, 5G Wireless Communication Networks: Fundamentals and Implementation Issues" 5GWCN-17, ECED, NIT Kurukshetra, 6 Days, 10-15 July 2017
3. Sudakar Singh Chauhan, General Co-Chair, International Conference on New Technological Opportunities in Networking & Sciences (Newtons-2018), Seemant Institute of Technology, Pithoragarh Uttarakhand, 8-10 June 2018
4. Dr. Vikas Mittal, Dr. Monika Mittal and Dr. Shelly Vadhera, STC on Signal Processing in Power System Protection & Control (S3PC-2017, EED and ECED, NIT Kurukshetra, One week 17-22 July 2017
5. Dr. Vikas Mittal, Interactive session with Telecom Expert from BSNL, ECED, NIT Kurukshetra, One day, 4 May 2017
6. Dr. Vikas Mittal, Dr. Monika Mittal and Dr. Shelly Vadhera, STC on Trends and challenges in Industry academia collaborations (TCIAC-2018, ECED, NIT Kurukshetra, One Week, 8-12 January, 2018
7. Convener: Dr. Vikas Mittal, ECED, Course Coordinators: Dr. Rajender Kumar, ECED and Er. Jagan Nath, CCN, STC on Networking of IoT (Device to Gateway) and Security: A Bootcamp (NIGS-2018, ECED, NIT Kurukshetra, One week, 16-20 February 2018
8. Convener: Dr. Vikas Mittal, ECED and Dr. Monika Mittal, EED, Program Coordinators: Dr. Shelly Vadhera, EED and Dr. Rajender Kumar, ECED, Workshop on "Industrial Applications of Advanced Technologies" in Collaboration with CETPA, NIT Kurukshetra, One week, 24-28 February 2018
9. Convener: Dr.Vikas Mittal, ECED, Coordinators: Dr. Monika Mittal, EED and Dr. Shelly Vadhera, EED, Workshop on "Research methodology: An Applied Orientation (RMAO-2018)" ECED, NIT Kurukshetra, One week, 12-16 March 2018

Humanities & Social Sciences Department

Workshops/Conferences/Seminars organized and attended

1. Vikas Choudhary, Coordinator, 30th Annual conference Of Haryana Economic Association, held on 09-10 March, 2018 at NIT Kurukshetra

2. Kiran Mor, Chairperson, "National Conference on Sustainable Development" December 11, 2017, National Institute of Technology Kurukshetra.
3. Kiran Mor, Convener, short term course "Data Analysis in Social Sciences Research" 18th to 22nd December 2017, National Institute of Technology Kurukshetra.
4. Kiran Mor, Convener "Forecasting Models with Application of Software" January 03-07, 2018, National Institute of Technology Kurukshetra.

5. Kiran Mor, Coordinator, "Introduction to Developing Communication Skills for Employability, January 27-31, 2018, National Institute of Technology Kurukshetra.

6. Ashwani Bishnoi, Conference Secretary for one day National Conference on Sustainable Development organized by Department of Humanities and Social Sciences, National Institute of Technology, Kurukshetra on December 11, 2017.

7. Ashwani Bishnoi, Conference Secretary for two days International Conference on "6th International Conference on Smart Computing and Communication" organized by Department of Computer Applications, National Institute of Technology, Kurukshetra during December 07-08, 2017.

8. Ashwani Bishnoi, Convener for one week short term course on "Forecasting Models with Applications of Software" organized by Department of Humanities and Social Sciences and Department of Mathematics, National Institute of Technology, Kurukshetra, during January 03-07, 2018

9. Ashwani Bishnoi, Course Coordinator for one week short term course on "Data Analysis in Social Sciences Research" organized by Department of Humanities and Social Sciences, National Institute of Technology, Kurukshetra, during December 18-22, 2017.

10. Ashwani Bishnoi, Course Coordinator for one week short term course on "Applications of Software for Financial Modelling" organized by Department of Computer Applications, National Institute of Technology, Kurukshetra, during February 10-14, 2018.

11. Ashwani Bishnoi Course Coordinator, a short term course on "Soft Skills" under College to Corporate Program, an Initiative by IIT Bombay, under National Mission on Education through ICT, MHRD, Government of India, September 07 to November 12, 2017.

12. Ashwani Bishnoi, Course Coordinator, a short term course on "Work Place Communications" under College to Corporate Program, an Initiative by IIT Bombay, under National Mission on Education through ICT, MHRD, Government of India, September 07 to November 12, 2017.

13. Shahida, Workshop on 'Introduction to Developing Communication Skills for Employability' (TEQIP III Sponsored from 27 Jan-31 Jan 2018).

14. Shahida, Role of Women Achievers in Science, Technology and Management in the Sustainable Green Energy Growth in India. (8 March 2018, NIT Kurukshetra)

15. Shahida, Paper entitled "The Idea of Nation and Nationalism: Re-reading Tagore's Nationalism" was presented at the International Conference on "organized by Osmania University Centre of International Programme, Hyderabad from 8-10 February 2018

Keynote Address/Valedictory Address/ Resource Person

Chair/Invited as External Expert

1. Vikas Choudhary Invited as Expert to conduct Director's viva at GIMT Kurukshetra on 25-26 April, 2017.
2. Vikas Choudhary, Invited as Resource Person, ICSSR Sponsored Capacity Building Programme at Department of Management, Mizoram University, Aizawl on 25 May, 2017.
3. Vikas Choudhary, Invited as Resource Person, ICSSR Sponsored Capacity Building Programme at Central University of Punjab, Bathinda on 01 June, 2017.
4. Vikas Choudhary Invited as External Expert for Scrutiny of application for faculty recruitment at Central University of Punjab, Bathinda on 10 November, 2017.
5. Vikas Choudhary delivered Keynote Address on Academia Industry Collaboration: An Overview, during Short Term Course Organized by Department of ECE, NIT Kurukshetra on 08 January, 2018.
6. Vikas Choudhary Invited as External Expert, BOS Meeting in the Department of Financial Administration at Central University of Punjab, Bathinda on 17 January, 2018.

7. Vikas Choudhary Invited as External Expert to conduct Pre-Synopsis Seminar at Department of Management and Humanities, SLIET Longowal on 25 January, 2018.
8. Vikas Choudhary Invited as Resource Person, National Seminar on GST at Hindu Girls College, Jagadhri on 02, February, 2018.
9. Vikas Choudhary Invited as Keynote Speaker in Training Programme on Research Methodology in Social Sciences at ICSSR North West Regional Centre, Chandigarh on 05 March, 2018.
10. Vikas Choudhary Invited as External Expert to conduct Comprehensive Examination at Department of Management and Humanities, NIT Jalandhar on 14 March, 2018.
11. Vikas Choudhary Invited as External Expert, Selection Committee at Central University of Himachal Pradesh, Dharamshala on 17 March, 2018.
12. Vikas Choudhary Invited as Session Chair, International Conference on Sustainable Development, Department of Management Studies, Central University of Haryana, Mahendergarh on 27 March, 2018.
13. Shahida, Team Work and Communication (Workshop on 'Introduction to Developing Communication Skills for Employability' TEQIP III Sponsored from 27 Jan-31 Jan 2018).
14. Shahida, Emotional Intelligence and Workplace Challenges (Workshop on 'Introduction to Developing Communication Skills for Employability' TEQIP III Sponsored from 27 Jan-31 Jan 2018).
15. Shahida, Academic Writing: Plagiarism and Citation (Workshop organized by the Department of Electronics and Communication, 12-16 March 2018.)
16. Expert in Panel Discussion at Seminar entitled "Role of Women Achievers in Science, Technology and Management in the Sustainable Green Energy Growth in India." (8 March 2018, NIT Kurukshetra)

Mathematics Department

Short Term Courses/ Conferences/ Workshops Attended/organized:

1. Dr. Paras Ram attended 3rd International conference on Composite Materials and Material Engineering in South Asia Institute of Science and Engg. at Singapore, January 26- January 28, 2018.
2. Dr. ASV Ravi Kanth attended 6th International Conference on Smart Computing and Communcations at NIT Kurukshetra, December 7-8, 2017.
3. Dr. Smita Sonekar attended ICCPMA-2017 & ICCS-2017 at Switzerland and BKBIET, Pilani, 24-25 November 2017 & 14-16th October 2017 respectively.
4. Dr. Sarasvati Yadav, Dr. Amit Parkash, Current Trends in Mathematics and Applications, NIT Kurukshetra, January 15-January 20, 2018.
5. Dr. Naveen Kumar, ISTE STTP on Electric Power System, National Mission on Education through ICT (MHRD) workshop through ICT from IIT Bombay, NIT KKR from 12.6.2017 to 15.7.2017.
6. Dr. Naveen Kumar, Short term course on Soft skills and workplace communication under college to corporate programme, National Mission on

Education through ICT (MHRD) workshop through ICT from IIT Bombay, NIT KKR from 7.9.2017 to 12.11.2017.

7. Dr. Naveen Kumar, one week short term course on Forcasting models with applications of softwares, NIT Kurukshetra.
8. Dr. Naveen Kumar, one week short term course on course on applications of software for financial modeling and evaluation, NIT Kurukshetra from 10.2.2018 to 14.2.2018.

Chemistry Department

Awards

"Best Poster Award" for the poster entitled "Effect of Increasing Methylene Spacer on Biological Activity of Schiff bases: In vitro and Molecular docking studies", Vidushi Sharma, Anita Bhatia, Senthilkumar Muthaiah, J.K Kapoor, Thematic Conference in Chemical Sciences (TC2S) organized by IIT Ropar, during 15th-16th May'2017.

Department of Business Administration

Workshop/conferences/seminars Coducted/Attended:

Workshops

1. Organized Two Days Workshop on Six Sigma for MBA and M.Tech Students inCollaboration with Mechanical Department on August 24-25, 2017.
2. Organized Two Days Workshop on GST for Non-Teaching staff on September 6-7, 2017.
3. Organized One Day Workshop on Personality Development Program for MBA studentsby Major General N.K Dhir, Director Alphabet Teletec (P) Ltd. on November 02, 2017.
4. Organized Two-Days Workshop on Personality Development for MBA 2nd year Students By Dr. Pooja Khatri, IP University Delhi on February 02-03, 2018.
5. Management Learning Through Games and Outbound Exercises for 1st year students byDr. Ajay Sharma, Associate Professor, TITS, Bhiwani on April 06, 2018
6. Organized Two-Days Workshop on Personality Development for MBA 2nd year Students by Ms. Madhu Sharma, CEO, of Success Strategies for Life, Delhi on August 20-21, 2018.

Dr. Rajender Kumar

1. Organized a One-Day workshop on "The Process of Patent Filing" at National Institute of Technology, Kurukshetra on 19th August 2017.
2. Organized a one-day training program on "The Various aspects of IPRs" on 22 September 2017 at Technology Information Forecasting and Assessment Council (TIFAC), New Delhi on22nd September 2017

3. Organized a One Day workshop on IPR awareness at National Institute of Technology, Kurukshetra on 16th March 2018.

Dr. Neeraj Kaushik

1. Took 2-day sessions in Five-day Workshop Selection of Appropriate Research Methods & Data Analytics Using R in New Delhi Institute of Management, Delhi from July 17-18, 2018
2. Took 3-day sessions in Six-days FREE Workshop on Basics of Research Methodology in CDAR, GNDU Amritsar from July 10-12, 2018
3. Five-day workshop on Advance Data Analysis Technique and Research Paper writing skills inChitkara University Punjab from July 2-5, 2018
4. Five-day workshop on Structural Equation Modelingin JIMS, Sector-5 Rohini, from June 26-30, 2018
5. Five-day sessions on Microsoft Office Excel Training in Management Development Institute (MDI), Murshidabad from June 20-24, 2018
6. Two-day workshop on In-Depth Learning of Appropriate Tools and Techniques for Quality Research Papers in JIMS, Sector-3 Rohini, on June 15-16, 2018
7. Three-day workshop on Data Analysis using SEM & Panel Datain Maharaja Agrasen Institute of Management Studies (MAIMS), Rohini Delhi from June 11-17, 2018.
8. Six-day workshop on Structural Equation Modeling using AMOS in Rukmini Devi Institute of Advanced Studies, Rohini, Delhi from May 28-June 2, 2018
9. Three-day Workshop on R and R-Studio in theCentre for Data Analytics and Research (CDAR),Guru Nanak Dev University, Amritsar on April 20-22, 2018
10. Four-day Workshop on Research Methodology and Data Analysis (RMDA-2018) inFDDI, Jodhpur from Feb 22-25, 2018
11. Two-day Workshop on The Joy of Research inNirmala Memorial Foundation College, Mumbai from Feb 17-18, 2018
12. Two-day Workshop on R and R-Studio in theDepartment of Commerce,Jammu University, Jammu on Jan 27-28, 2018
13. Two-day sessions in One-week Workshop on Research Methodology in Social Sciences conducted by Chaudhary Ranvir Singh Institute of Social & Economic Change, MDU Rohtak on Jan 20-21, 2018
14. Two-day sessions in ICSSR Capacity Building Workshop conducted by IGNOU, Goa, on Jan 13-14, 2018
15. Four-day workshop on Basics of Research Methodology in Centre for Data Analytics and Research (CDAR), Guru Nanak Dev University, Amritsar on Dec 27-30, 2017
16. Five-day workshop on Basics of Research Methodology in Master Tara Singh College, Ludhiana on Dec 23-26, 2017
17. Three-day workshop on Basics of Research Methodology inKPB Hinduja College of Commerce Mumbai onDec 19-21, 2017
18. Two days Sessions on Structural Equation Modeling in One Week National workshop on National Workshop on Research Methods and Contemporary Economic Issuesin Shri Ram College of Commerce on Nov 24-25, 2017.

19. Five day FDP on Advance Data Analysis using SPSS and Structure Equation Modeling (SEM) using AMOS in Bhartiya Vidyapeeth University Institute of Management & Research, New Delhi on Nov 16-21, 2017
20. Five-day workshop on Advanced Multivariate Techniques Using SPSS& SEM in Waljat College of Applied Sciences, Rusayl, Sultanate of Oman on Sept 10-14, 2017
21. Organized Two Days Workshop on GST for Non-Teaching staff on September 6-7, 2017.
22. Two days Sessions on Structural Equation Modeling in One Week National workshop on Research Methodology in Delhi School of Professional Studies & Research, Delhi on June 15-16, 2017.
23. One-day FDP on Research Methodology in PCTE Group of Institutes on April 22, 2017
24. Five-day workshop on Structural Equation Modeling in Birla Institute of Technology, Noida on April 13-17, 2017

Management Fest

Two-Day Management Fest 'VIHAAN'18' on April 12-13, 2018 by the Department of Business Administration.

Conference

1. Organized Two Days 30th National Conference of Haryana Economic Association on March 09-10, 2018.
2. Organized Two Days Conference on Academia Industry Interface on Nov. 8-9, 2017.
3. Dr. Rajender Kumar attended 21st Annual conference of Indian Political Economy Association organized by Department of management studies center, IIT Delhi on 8-9 December 2017 Inclusive and sustainable Development: Theoretical & Empirical Perspectives.

Guest Lectures/Key note delivered

1. A Talk on Role of NABARD in Promoting Entrepreneurship and Start Up by Shri R.S. Mor, District Development Manager, NABARD, Kurukshetra on Feb. 06, 2018.
2. Dr. Rajender Kumar delivered a Keynote address in International conference on Ethical issues in Intellectual Property Rights organized by Thapar University, Patiala on December 17, 2017.
3. Dr. Rajender Kumar delivered valedictory address on the topic 'BRICS: Prospects and Challenges' in the International Conference on 'BRICS: Opportunities and Challenges' organized by Department of Economics, Kurukshetra University, Kurukshetra on 11th April, 2017.

Session Chair

Chaired a session in 21st Annual conference of Indian Political Economy Association on Inclusive Growth and Sustainable Development organized by Department of management studies center, IIT Delhi on 8-9 December 2017

Computer Engineering Department

Workshops/Conferences/Seminars organized/attended

1. A GIAN course on "Sensor Networks for civilian Applications" (with Prof. D.P. Aggarwal, OBR Distinguish University of Cincinnati, USA as a foreign was organized during January 01-07, 2018 by Dr. B.B.Gupta.
2. Dr. B.B.Gupta organized a course on "Sensor Networks for Civilian Applications" (with Prof. Dharma P. Agrawal, OBR Distinguish Professor, University of Cincinnati, USA as Foreign expert) under Global Initiative of Academic Networks GIAN) scheme by MHRD, Govt. of India during January 01-07, 2018, (Rs. 5,44,000).
3. Dr. Ritu Garg, Dr. Poonam Jindal organized a STC on "Advanced Optimization Techniques for Engineering Applications (AOTEA-2018) during 13.1.18 to 17.01.2018.
4. Dr. Ritu Garg, Dr. Poonam Jindal organized a workshop on "5G Wireless Communication Networks: Fundamentals and Implementation Issues" from10-15, July 2017.
5. Dr. R.K. Aggarwal organized a workshop on "Cloud Computing and Networking" on 22-26 May, 2017.
6. Dr. R.K.Aggarwal organized one-day workshop on "Yoga and Naturopathy" on June 7, 2017 with the collaboration of Bhartiya Yoga Sansthan, Delhi.
7. Dr. Vikram Singh organized 1st International Science Sangoshthi during Aug 24, 2017 at Dept. of MCA, NIT KKR, HR, India.
8. Dr. Vikram Singh organized National Conference on 'Digital Revolution and Challenges for Libraries' 29th HLA Conf. Aug 12-13, 2017 at NIT KKR, HR, India.
9. Dr. Vikram Singh attended 6th Int. Conf. on Smart Computing & Communications *(ICSCC 2017),* Springer, Sept. 2017 at Dept. of MCA, NIT KKR, HR.
10. Six days Short Term Course (STC) under ISEA-II project (MeitY, Govt. of India) titled "Recent Developments and Challenges in Internet of Things Security during (RDCIOTs-2017)" July 3-8, 2017 coordinated by Dr. Mayank Dave and Dr. Virender Ranga.
11. Dr. G.K.Verma attended One week STTP on "Soft Computing & Robotics" from 4th - 8th September, 2017 in Department of Information Technology, National Institute of Technology Raipur.
12. Dr. G.K.Verma attended "International Conference on Information and Communication Technology (CICT-2017)", from 3-5 November, 2017 at ABV IIITM Gwalior, India.

13. Dr. Mantosh Biswas attended “Deep Learning for Visual Computing Summer School 2017” at IIT Kharagpur from July 2-8, 2017.

Expert Lecture/Talk Delivered

1. Dr. A. S. Chaudhary, (Ex) Professor, MBA department, KUK delivered an expert lecture on “Get what you want” on 24.01.2018.
2. Dr. Avtar Singh Principal Scientist NDRI, Karnal delivered an expert talk on “Art of Living” on August 19, 2017.
3. Dr. G.K.Verma delivered expert lecture on "Deep Convolutional Neural Network" at TEQIP-III Sponsored STTP on "Computational Intelligence & Cloud Computing (CICC-2017)" 26th - 30th December, 2017 in Department of Information Technology, National Institute of Technology Raipur.
4. Dr. G.K.Verma delivered expert lecture on "Outcome Base Accreditation for Undergraduate Engineering Programs" at TEQIP-III Sponsored 16th - 17th March, 2018 in Department of Information Technology, National Institute of Technology Raipur.
5. Dr. G.K.Verma delivered expert lecture on "Deep Learning and Applications" on One week STTP on “Soft Computing & Robotics” from 4th - 8th March, 2018 in Government Engineering College, Bikaner, India.
6. Dr. R.K.Aggarwal delivered expert lecture on “Professional Excellence and Personality Development through Indian Philosophy” on May 11, 2017, National Technology Day, Panipat Institute of Engineering & Technology, Samalkha. Panipat.
7. Dr. B.B.Gupta delivered expert lecture on “Security Issues and Challenges and Cloud and Web Computing” in Deakin University, Australia, July 2018.
8. Dr. J.K.Chhabra delivered Expert Lectures on (i) Machine Learning & Fuzzy Logic Systems on 23.4.18 and (iii) use of Genetic Algorithms for Clustering on 27.4.2018 in TEQIP's FDP on "Machine Learning in Predictive Modeling" at DTU Delhi
9. Dr. J.K.Chhabra delivered Expert Talk on "Futuristic Software Development" in Springer's International Conference on Communication, Computing and Networking, NITTTR Chandigarh, 29 Mar 2017
10. Dr. J.K.Chhabra delivered Expert Lectures on "Pedagogy & Implementation of Data Structures" Ec & ICT' Academy's FDP over NKN on "Introduction to Data Structures and Programming in C", IIITDM, Jabalpur, July 7-10, 2018.

Award Received

1. Department has signed an MOU from CDAC Pune for High Performance Computing facility. This initiative is expected to create HPC aware skilled

workforce (capability building) and for promoting research by integrating leading edge emerging technologies at grass root level. Installation of supercomputer PARAM SHAVAK Yuva-2 is under process. This system consists of 2 multicore CPUs each with minimum of 12 cores along with two accelerator cards. It has 3 Tera-Flops peak computing power with 16 TB of storage.

2. Dr. B.B. Gupta (Assistant Professor) received Young Faculty Research Fellowship Award (37 Lakhs), by MeitY, Govt. of India, 2017. It provides fellowship @ Rs. 20,000 per month in addition to the regular income and annual grant of Rs. 5,00,000 for research expenses and presenting research work, to be granted for a period of upto 5 years.
3. Three faculty members (Dr.B.B.Gupta, Dr. Mantosh Biswas, and Dr. S. Taqi Ali) have got 5 seats under visvesveraya Ph.D. scheme of Deity, Govt. of India. The scheme offers a fellowship @31,500 p.m. (I & II year); 35,000 (III to V year); It also support for attending international conferences up to Rs.50, 000 per conference.
4. Prof. J.K.Chhabra delivered an Expert Talk on Pedagogy of Data Structures & Algorithms and conducted special sessions in EC & ICT Academy, IIT Jabalpur, 7-10 July 2017, telecasted over NKN across many IITs and NITs, and attended by faculty members of various institutes.
5. A GIAN course on “Sensor Networks for Civilian Applications” (with Prof. D.P.Aggarwal, OBR Distinguish Professor, University of Cincinnati, USA as foreign expert) to be organized during January 01-07, 2018.
6. Dr.B.B.Gupta was awarded with Albert Nelson Marquls Lifetime Achievement award.
7. Dr.B.B.Gupta was Honored as Outstanding Associate Editor of 2017 for IEEE Access.
8. Dr. Vikram Singh awarded with ‘Best Student Paper’, at 5th int. Conf. on Mining Intelligence and Knowledge Exploration (MIKE’17) of paper ‘Query Morphing: A Proximity-based approach for Data Exploration and Query Reformulation’, IDRBT Hyderabad, India.
9. Dr. Vikram Singh honored by the Institute Director Dr. Satish Kumar, for the efforts on Configuration & Management of Institutional Digital repository (IDR), related to NDL project, an MHRD initiative, during the 29Th HLA National Conference on ‘Digital revolution and challenges for libraries’, 12-13 Aug’2017 at NIT Kurukshetra, HR, India.
10. Dr. S.T.Ali and Archana Kumari awarded with ‘Best Paper Award’ of paper “Data Exploration simplified by user-driven Query Refinement and Result Ranking”, at international symposium on computational, mathematics, optimization and computational intelligence (CMOCI-2017), June-17 at IIT Indore, MP, India

Department of Computer Applications

Workshops/Conferences/Seminars organized/attended

1. One week workshop on "Applications of Software for Financial Modeling & Valuation" NIT Kurukshetra, 10-14 Feb 2018.
2. International Conference Smart Computing and Communication, Dec 2017: 6th International Conference Smart Computing and Communication, ICSCC-2017, NIT Kurukshetra from 7-8 Dec 2017. Proceedings published in Elsevier Procedia Computer Science.
3. 1st International Conference Science Conference in India Languages August 2017**:** 1st International Conference Science Conference in India Languages, NIT Kurukshetra, 22 August 2017.
4. National IT Challenge for Youth with Disabilities jointly with the Ministry of Social Justice & Empowerment. July 2017**:** National IT Challenge for Youth with Disabilities jointly with the Ministry of Social Justice & Empowerment, Government of India, 20-21 July 2017. The winners of the competition represented India in Hanoi, Vietnam during September 2017.

- **Expert Talks:** Numerous expert talks were organised time to time by the department for the growth of research scholars, faculty members as well as students. Details of experts lectures delivered by national and international reputed experts are as follow:

Internships:

Summer Vacations 2018:

1. Mude krishan Koushik from IIIT Kalyani joined under Dr. Kapil for summer vacation from 05.05.18 to 30.06.18.
2. Sushil Kumar from IIIT Kalyani joined under Dr. Kapil for summer vacation from 05.05.18 to 30.06.18.

Summer Vacations 2017:

1. Deepak Manchanda, Akhil , Mukul, Akshit on "Time Series Prediction". Supervisor: Prof. Ashutosh Kumar Singh
2. Apoorv Agarwal, BIT Mesra, India; Shikhar Jain, Jaypee Institute of Information Technology, Noida, India; Adhyyan Omkar, PES Institute of Technology, Bangalore, India. Topic: Rule based Intelligence on the web. Supervisor: Dr. Sarika Jain Spring Semester 2017:
3. Deepshikha and Rekha on "Prediction in Cloud Computing". Prof. Ashutosh Kumar Singh
4. Ms Valerie Meyer, University of Osnabrück, Germany, The project proposal titled "Rule based Intelligence on the Web" matched for a DAAD RISE Worldwide research internship Internship Period: 1st August 2017 to 31st Oct 2017. Dr. Sarika Jain
5. Abhisek Sharma, Lovely Professional University, Punjab, Topic: Knowledge Storage & Retrieval System on Terrorism In India, 11/1/ 2018 to 30/4/2018

6. Jorrit Natterbrede, University of Osnabrück, Germany, Odd semester 2017-18, Topic: Hybrid Reasoning in Semantic Web, 24th July 2017 to 8th October 2017.
7. Topic: Rule Based Intelligence on the Web; Apoorv Agarwal, BIT Mesra, India, 12th May 2017 to 8th July 2017. Shikhar Jain, Jaypee Institute of Information Technology, Noida, India, 12th June 2017 to 20th July 2017; Adhyyan Omkar, PES Institute of Technology, Bangalore, India, 28th May 2017 to 25th June 2017.

12.3 PUBLICATIONS, PATENTS ETC.

MECHANICAL ENGINEERING DEPARTMENT

Papers in International/National Journals

1. Khatri,A., Garg,D. and Dangayach,G.S. (2018) An Empirical Investigation of Agility Factors in Select Indian Manufacturing Industries. International Journal of Business Information System. Vol. 28 No. 1 (Scopus indexed)
2. Misra,O.P., Kumar,V. and Garg,D. (2018). Performance Evaluation of JIT Enabled SCM using ANP Method. International Journal of Systems Assurance Engineering and Management. (Springer) (Published online Feb 9, 2018) (Scopus Indexed)
3. Chaurasia,B., Garg,D. and Agarwal,A. (2018) Lean Six Sigma Approach: A Strategy to Enhance Performance of First Through Time and Scrap Reduction in an Automobile Industry. International Journal of Business Excellence. Vol. 14 No. 2 (Inderscience) (Scopus Indexed)
4. Luthra, S., Mangla, S.K., Kumar, S., Garg D. and Haleem, A. (2017). An analysis of critical factors in implementing reverse logistics practices: A case of Indian auto component manufacturer. International Journal of Business and Systems Research, 11 (1/2), 42–61. (Elsevier) (Scopus Indexed)
5. Nain,S.S., Garg,D. and Kumar,S. (2017) Evaluation and Analysis of Cutting Speed Wire Wear Ratio and Dimensional Deviations of WEDM of Superalloy Udimet-l605 using Support Vector Machine and Grey Relational Analysis. Advances in Manufacturing. (accepted) (ESCI) (Springer)
6. Shukla,R.K., Garg,D. and Agarwal, A. (2017) An Empirical Study of Coordination Practices in Supply Chain of Indian Manufacturing Firms. International Journal of Productivity and Quality Management. 20(3), 291-315 (Inderscience) (Scopus indexed**)**
7. Gupta,V., Kumar,R. and Garg,D. (2017) Efficacy Appraisal Model of TQM Elements in Auto Industry in India. International Journal of Services and Operations Management. 26(1), 122-140. (Inderscience) (Scopus indexed)
8. Nain,S.S., Garg,D. and Kumar,S. (2017) Modelling and Optimization of Process Variables of Wire Cut Electric Discharge Machining of Super Alloy Udimet-L605. Engineering Science and Technology, an International Journal. Vol. 20 pp. 247-264. (Elsevier) (Scopus Indexed**)**

9. Kumar,S., Luthra,S., Haleem,A., Garg,D., Singh,S. and Mangla,S.K. (2018) An Integrated Approach to Analyze Requisites of Products Innovation Management. International Journal of Business Innovation and Research. Vol. 16 No. 1 pp 36- 62 (Inderscience) (Scopus indexed)
10. Kapil Mittal, Puran Chand Tewari and Dinesh Khanduja, "Refurbishing Business Processes: An Insight", Journal of Industrial Engineering and Advances, Vol. 1(1), 2017, pp. 1-8.
11. Kapil Mittal, Puran Chand Tewari and Dinesh Khanduja, "Productivity Improvement under Manufacturing Environment Using Shainin System and Fuzzy Analytical Hierarchical Process: A Case Study", International Journal of Advanced Manufacturing Technology, Cogent Engineering (Springer), Online, 2017
12. Kapil Mittal, Puran Chand Tewari and Dinesh Khanduja, "On the Right Approach to Selecting a Quality Improvement Project in Manufacturing Industries", Operation Research and Decisions, Vol. 1, 2017, pp. 105-124
13. Kumar, P.,Khanduja, D. and Tewari, P.C., “Maintenance Strategy for a System of a Thermal Power Plant”. International Journal of Operations and Quantitative .Management, Vol. 23 (1), 2017, pp-101-118
14. Kumar, P., Tewari, P.C. and Khanduja, D., “Six Sigma Application in a Process Industry for Capacity Waste Reduction: A Case Study”, Management Science Letters, Vol. 7, 2017, pp. 423–430
15. P. Sharma, S. Sharma, R. Kumar Garg, K. Paliwal, D. Khanduja and V. Dabra, "Effect of Graphite Content on Mechanical Properties and Friction Coefficient of Reinforced Aluminum Composites", Powder Metallurgy and Metal Ceramics, Vol. 56 (5-6), 2017, pp. 264-272
16. Priyank Srivastava, Dinesh Khanduja and Vishnu P Agrawal, “A Framework of Fuzzy Integrated MADM and GMA for Maintenance Strategy Selection based on Agile Enabler Attributes”, Mathematics-in-Industry Case Studies, Vol. 8(1), 2017, (Springer)
17. Sandeep Chauhan, V.Verma, Ujjwal Prakash, P.C.Tewari and Dinesh Khanduja, "Studies on Induction Hardening of Powder- Metallurgy-Processed Fe-Cr/Mo alloys", International Journal of Minerals, Metallurgy and Materials, Springer Publication, Vol. 24(8), 2017, pp. 918-925 (Springer)
18. Priyank Srivastava, Dinesh Khanduja and Vishnu P Agrawal, "Integrating agile thinking into maintenance strategy performance analysis", International Journal of Process Management and Benchmarking, Vol. 8 (2), 2018, pp. 228-256 .
19. Rajiv Kumar, P.C. Tewari and Dinesh Khanduja, "Parameters Optimization of Fabric Finishing System of a Textile Industry using Teaching–Learning based Optimization Algorithm", International Journal of Industrial Engineering Computations, Vol. 9, 2018, pp. 1-14 .
20. Kapil Mittal, Puran Chand Tewari and Dinesh Khanduja, "On the Fuzzy Evaluation of Measurement System Analysis in a Manufacturing and Process Industry Environment: A Comparative Study", Management Science Letters, Vol. 8, 2018, pp. 201-216

21. Sandeep Chauhan, V.Verma, Ujjwal Prakash, P.C.Tewari and Dinesh Khanduja, "Influence of Sintering Temperature and Cooling Rate on Microstructure and Mechanical Properties of Pre-Alloyed Fe-Cr-Mo Powder Metallurgy Steel", Transaction of Indian Institute of Metals, online paper, 2018 (Springer)
22. Prakash R., Singhal S., and Agarwal A, "Modeling Manufacturing System Effectiveness: An Integration of Analytic Hierarchy Process and Linear Programming", International Journal of Intelligent Enterprise (Inderscience)., Scopus, Vol. 4, No. 3, pp.227–242, 2017
23. Ravi Pratap Singh, and Sandeep Singhal, "Experimental investigation and microstructure analysis in rotary ultrasonic machining of alumina ceramic", Journal of Engineering Research, Kuwait University Publications (SCI-indexed, Thomson Reuters, Impact Factor: 0.128), March 2017
24. Prakash R., Singhal S., and Agarwal A, "Analyzing Manufacturing Systems for Their Effectiveness", Journal of Engineering Technology- (American Society for Engineering Education) -Science Citation index (SCI), Scopus, Journal of Engineering Technology- (American Society for Engineering Education) - Science Citation index (SCI), Scopus, Oct. 2017
25. Jimmy Kansal, SandeepSinghal, "Six Sigma Toolsapplicability in enhancing User Satisfaction in an Indian Government R&D Establishment", Industrial Engineering Journal (Peer Reviewed) , Acceptance received Vide No. IIIE/IEJ/NHQ/2017, 08 Aug 2017
26. Prakash R., Singhal S., and Agarwal A " Analyzing Alternatives to improve effectiveness of a manufacturing system for its Automation Assembly Automation-(Emerald)", Scopus and SCI Under Review Process
27. Jimmy Kansal, SandeepSinghal, " Development of a Competency Model for enhancing the Organizational Effectiveness in an R&D Establishment Organizacija" , Journal of Management, Information Systems and Human Resources (SCOPUS), Under Review 19 Apr 2017
28. Jimmy Kansal, Sandeep Singhal, "Development of a Competency Model for enhancing the Organizational Effectiveness in a Knowledge based Organisation", International Journal of Indian Culture and Business Management (Inderscience-SCOPUS), IJICBM-172079, Under Review15 Mar 2017 (Review Report Recd on 09 Aug 2017)
29. Jimmy Kansal, SandeepSinghal, "Application and Validation of DMAIC Six Sigma Tool for enhancing User Satisfaction in an R&D Establishment", International Journal of Quality Research (SCI Indexed) , IJQR-7810, Under Review 31 Jan 2017
30. Satbir Singh, Sandeep Singhal, " Productivity Improvement and Analysis: Using Combination Tooling in Clustering Process for Manufacturing Lift Arm", Inderscience International Journal of Manufacturing Technology and Management, Under review Submission Date: 17/Nov/16

31. Satbir Singh, Sandeep Singhal, " Enhancement and Analysis of Productivity: Utilizing 12Clustering Process with In13tegrated Tooling in Manufacturing Tractor Parts", SPRINGER OPSEARCH, 17 Feb 2017
32. Satbir Singh and Sandeep Singhal, " Productivity Betterment: Implementation of Clustering with Improved Tooling in Manufacturing", IGI GLOBALInternational Journal of Productivity Management and Assessment Technologies (IJPMAT) Proquest SCI Tech Journals, INSPEC Volume 6 Issue 2, July-December 2018
33. Satbir Singh and Sandeep Singhal , " Productivity Perfection and Analysis in Manufacturing Top Cover: Implementing Clustering Approach with Combination Tooling, Journal of Engineering and Technology, SCOPUS, SCI Extended Clears Editorial Screening, 06/12/2017
34. Satbir Singh and Sandeep Singhal , " Enhancement and Analysis of Productivity: Utilizing Clustering Technique with Integrated Tooling in Manufacturing Tractor Parts" , SPRINGER OPSEARCH SCOPUS, INSPEC, 17/02/2017
35. Narinder Kaushik , Dr. Sandeep Singhal, "Dry-Sliding Wear Analysis of SiC Reinforced AA6063 As-Cast Aluminum Metal Matrix Composites", Materials Today proceedings ELSEVIER Indexing- SCOPUS ACCEPTED
36. Narinder Kaushik, Dr. Sandeep Singhal, "Examination of Wear Properties in Dry-Sliding States of SIC Strengthened Al-Alloy Metal Matrix Composites by Using Taguchi Optimization Approach", IJAER / RIP Indexing-SCOPUS, Volume 12, Number 20 (2017) pp. 9708-9716, Nov. 2017
37. Narinder Kaushik , Dr. Sandeep Singhal, "Mechanical and Metallurgical Examinations of Stir Cast AluminumMatrix Composites: A Review Study", IJET, ENGG JOURNAL PUBLICATIONS Indexing- SCOPUS, DOI:10.21817/ijet/2017/v9i4/170904135, Vol 9 No 4 , Sep. 2017

Papers in International/National Conferences

1. Singh,M., Garg,D. and Luthra,S. Challenges for Make in India Campaign: A Pestle Analysis. International Conference on Advances and Soft Computing Applications in Design and Manufacturing. NIT Patna. June 4-6, 2018. Pp. 151-157.
2. Singh,J., Garg,D. and Luthra,S. Identifying Critical Success Factors to Adopt Industry 4.0. Practices: PESTEL Analysis. International Conference on Advances and Soft Computing Applications in Design and Manufacturing. NIT Patna. June 4-6, 2018. Pp. 158-165.
3. Patel,K., Garg,D. and Kumar,M. Implementation of JIT Purchasing in Make-to-Order Strategy. 4th International Conference on Industrial Engineering (ICIE-2017). SVNIT Surat. Dec. 21-23, 2017. Pp. 1045-1048.
4. Patel,K. Garg,D. and Kumar,M. Just-in-Time Purchasing and its Implementation in Indian Industries: A Systematic Review. 4th International

Conference on Industrial Engineering (ICIE-2017). SVNIT Surat. Dec, 21-23, 2017. Pp. 1052-1055

5. Luthra,S., Mangla,S., Haleem,A. and Garg,D. An Analysis of Drivers of Industry 4.0 to Diffuse Sustainability in Supply Chain. 5th PAN-IIM World Management Conference. IIM Lucknow. Dec. 14-16, 2017.

6. Luthra,S.. Garg,D., Mangla,S. and Berwal,Y.P.S. Analyzing Challenges to Internet of Things (IoT) Adoption and Diffusion: An Indian Context. Sixth International Conference on Smart Computing and Communications. NIT Kurukshetra. Dec. 7-8, 2017. (Scopus indexed)

7. Garg,D., Nain,S.S. and Kumar,S. Evaluation for the Cutting Speed of the WEDM of Aerospace Super Alloy Using Regression Modelling. 59thNational Convention IIIE and International Conference on manufacturing & Industrial Engineering (ICMIE-2017) MGM's JNEC, Aurangabad. Sept. 2017.

8. Dinesh Khanduja, "Feasibility Analysis Of Solar Energy In India: An Exploration With Some MADM Approaches", International Conference on Renewable Energy and Environment, Renewable Energy Society, Toronto, Canada, (1-3 November, 2017)

9. Priyank Srivastava, Dinesh Khanduja and Vishnu P Agrawal, "Mitigation of Risk Using Rule Based Fuzzy FMEA Approach", 8th International Conference on Cloud Computing, Data Science & Engineering, Amity University, Noida, India (11-12 Jan, 2018), pp. 26-30, (IEEE Explore)

10. Priyank Srivastava, Dinesh Khanduja and Neeraj Saini, "Total Fuzzy Agility Evaluation using Fuzzy Methodology: A Case Study", International Conference on Harmony search, Soft computing and Applications, BML Munjal University, Gurugram, Haryana, (7-9 Feb, 2018)

11. Rajiv Kumar, P.C.Tewari and Dinesh Khanduja, "Availability Analysis of the Fabric Finishing System of a Textile Industry" National Conference on Recent Advances in

12. Mechanical Engineering (NCRAME-2017), Department of Mechanical Engineering, National Institute of Technology, Kurukshetra, Haryana, (2-3 June, 2017)

13. Sandeep Chauhan, V.Verma, Ujjwal Prakash, P.C.Tewari and Dinesh Khanduja, "Analysis of Induction Hardening of Fe-Cr/Mo Alloy Processed via PM Route", International Conference on Emerging Trends in Materials and Manufacturing Engineering, National Institute of Technology, Tiruchirapalli, Tamil Nadu, India, (10-12 March, 2017)

14. Jimmy Kansal, SandeepSinghal, Neeti Jain, "Applicability of EFQMmodel of Organizational Excellence with a focus on people development in an R&D Establishment - A case study", Foundation of Organizational Research and Education (FORE) School of Management, New Delhi, Emerald Publishing A 4233, Accepted for Conference Proceedings

15. Nidhi Yadav and Sandeep Singhal, "Just In Time Can Accrue Benefits To Service Sector : A Review", 4th International Conference on Industrial Engineering (ICIE-2017) at NIT Surat, Conference pp 1006-1008, 21st December 2017
16. Nidhi Yadav and Sandeep Singhal, JIT Implementation in Service Sector, 4th International Conference on Industrial Engineering (ICIE-2017) at NIT Surat, Conference pp 1049-1051, 21st December 2017
17. Vinit Booraa and Sandeep , " Review of Productivity Improvement for Manufacturing Industries and Related Issues", 4th International Conference on Industrial Engineering (ICIE-2017) at NIT Surat, Conference pp 957-959, 21st December 2017

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

1. Luthra, S., Mangla, S.K., Garg, D. and Kumar, A. (2018). Internet of Things (IoT) in agriculture supply chain management: A developing country perspective. Dwivedi Y.K..edn., Advances in Theory and Practice of Emerging Market, Springer International Publishing
2. Total Fuzzy Agility Evaluation Using Fuzzy Methodology: A Case Study" e-book Harmony Search and Nature Inspired Optimization Algorithms , published by Advances in Intelligent Systems and Computing Series of Springer, Singapore (2018), Vol. 741.
3. Risk Analysis of Water Treatment Plant Using Fuzzy-Integrated Approach." e-book Harmony Search and Nature Inspired Optimization Algorithms , published by Advances in Intelligent Systems and Computing Series of Springer, Singapore (2018), Vol. 741.

CIVIL ENGINEERING DEPARTMENT

Papers in International/National Conferences

1. Vikas Prasad, V.K. Arora, Enzyme Induced Carbonate Precipitation Columns: Strength and Permeability Properties, 6th International Certificateon recent development in Engineering sciences humanities and management, 2017
2. Verma, D.K., B. Setia and V.K. Arora V.K. (2017), "Laboratory Investigation to Study Breach Behavior of Embankments", International Conference on Recent Advances in Civil Engineering (ICRACE – 2017) Maharishi Markandeshwar University, Mullana, Ambala, India May, 04 –05, 2017
3. D. K. Soni and Mandeep Pathania, "To study the behavior of strength gain in clayey soil using quarry dust", in 5th International Conference on Recent Development in Engineering Science, Humanities and

Management, National Institute of Technical Training and Research, Chandigarh, 16th April, 2017.

4. Naqibullah zazai, S K Madan- "Seismic Response of RCC Framed Shear Wall buildings." International Conference on Sustainable Civil Eng Practices organized by NITR Chandigarh, Chitkara University, PEC University of Technology Chadigarh,March 2-3,2017.
5. H K Sharma and Hamidullah ,2017, "Influence of Dynamic Amplification Factor on Response of Steel Highway Bridge", Inter*national* Conference on Civil and Env*ironmental Engineering (12C2E)* Las Vegas, USA, March 16-17, 2017
6. H K Sharma and Priyanka,2017, "Structural Health Monitoring of R bridges Using Non destructive Testing", International Conference on Sustainable Civil Engineering Practices-2017 , NITTTR, Chandigarh, March 2-3, 2017
7. H K Sharma and Priyanka,2017, "Case Studies of Non destructive Evaluation of Structural Health of Reinforced Concrete Bridges", International Conference on New generation Concrete, NITTTR, Chandigarh, April 19, 2017
8. H K Sharma and Anil Kumar,2017, "Behaviour of High performance Concrete using Alccofine and Fly Ash: An Overview", International Conference on New generation Concrete, NITTTR, Chandigarh, April 19, 2017
9. Nitesh & K.K. Singh ,2017, "Morphological Analysis Of Kosi River Basin of Northen Bihar Plains, India Using Gis Technique" International Conference On Sustainable Civil Engineering Practices, Chandigarh, March 2-3, 2017
10. Mohd. Wasi, Subodh Ranjan, Mahesh A. and N. K. Tiwari "An Expert system for predicting Aeration Performance of Weirs by using ANN and Random Forest" 7th International Conference on Recent Development in Engineering Science, Humanities and Management, N.I.T.T.T.R., Chandigarh, June, 2017.
11. Mohd. Wasi, Subodh Ranjan, Mahesh A. and N. K. Tiwari "Modeling of Aeration by Piano Key Weirs using ANN" National Conference on Recent Advances in Mechanical Engineering (NCRAME 2017), N.I.T. Kurukshetra, June, 2017.
12. Amit Kumar, N. K. Tiwari and Subodh Ranjan "Modeling of Aeration Efficiency of small Parshall Flume by Artificial Neural Network" National Conference on Recent Advances in Mechanical Engineering (NCRAME 2017), N.I.T. Kurukshetra, June, 2017.
13. Amit Kumar, N. K. Tiwari and Subodh Ranjan "Modeling of Aeration Efficiency of small Parshall Flume by Random Forest Regression" 6th International Conference on Recent Development in Engineering Science, Humanities and Management, N.I.T.T.T.R., Chandigarh, May, 2017.
14. Anupam Mittal, Change in the Properties of Black Cotton Soil due to Addition of Coir Fibres, 2nd International conference on Research Trends in Engineering, Applied Science and Management, NITTTR, Chandigarh, April 2017

15. Anupam Mittal, Study of Individual Micro-Piles Subjected to Lateral Loading and Oblique Pull, 6th International Conference on Recent Development in Engineering Science, Humanities and Management, NITTTR, Chandigarh, May 2017
16. Anupam Mittal, Study of Group of Micro-Piles Subjected to Lateral Loading and Oblique Pull, 6th International Conference on Recent Development in Engineering Science, Humanities and Management, NITTTR, Chandigarh, May 2017
17. Anupam Mittal, Performance of a Group of Helical Screw Anchors In Sand Using Inclined Load, 6th International Conference on Recent Development in Engineering Science, Humanities and Management, NITTTR, Chandigarh, May 2017
18. Anupam Mittal, Behaviour of Laterally Loaded Pile Groups Embedded in Oil-Contaminated Sand, International Conference on Recent Development in Engineering Science, Humanities and Management, NITTTR, Chandigarh, January 2017
19. Anupam Mittal, Uplift Capacity of A group of Helical Screw Anchors in Sand, International Conference on Recent Development in Engineering Science, Humanities and Management, NITTTR, Chandigarh, January 2017.
20. Anupam Mittal, Study of Micro-piles Subjected to Lateral Loading and Oblique Pull : Review, 6th International Conference on Recent Trends in Engineering Science & Management, NITTTR, Chandigarh, January 2017.
21. S.M. Gupta, Structural Development of Skyscrapers, 12C2E: International Conferences on Civil & Environmental Engineering. (Organized by Research World)Las Vegas, USA 16-17th, March, 2017.
22. Yadav, A. K. and Patidar, S. K. (2017) A study of removal of ethylbenzene and xylene using biofilter. A paper presented at National Conference on "Urban Environmental *Management in India: Problems* & Prospects (NCUEMI 2017)" held at MNIT Jaipur, February 13-14, 2017.
23. Luthra, T. and Patidar, S. K. (2017) Green Synthesis of Iron Nanoparticles from Leaf Extract for Environmental Contaminants Remediation: A Review. A Paper Presented at International Conference on "Recent Advancement in Functional Materials and Nanotechnology (RAFMN-2017)" held at NIT Patna, February 15-17, 2017.
24. Abhishek Arya, Ashwani Jain, "A review of geotechnical characteristics of nano additives treated soil", International Conference on recent developments in engineering science, humanities and management (ESHM-17), Conference World, NITTTR, Chandigarh, 29 Jan. 2017.
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COMPUTER APPLICATIONS DEPARTMENT

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HUMANITIES DEPARTMENT

Papers in International/National Journals

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4. Ashwani Bishnoi and Ved Pal Sheera (2017). Public Spending and Economic Growth for Indian States. International Journal of Public Sector Performance Management. Vol. 3(3), pp. 250-265.
5. Ashwani Bishnoi (March 2018). Initiatives for Farmers Welfare, Special Issue on Union Budget 2018-19, Kurukshetra, A Journal on Rural Development, Ministry of Information and Broadcasting, Government of India Vol. 66(5). Pp. 38-41.
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7. Shahida"Material Feminism: Reading Rashid Jahan's Angarey and Other Short Stories" IUP Journal of English Studies. (In Press)
8. Shahida.(2018) "Women and Sufism." Encyclopedia of Women in World Religion. Ed. Susan de Gaia ABC-CLIO Publishing.
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Papers in International/ National Conferences/Symposia/Seminars

1. Choudhary Vikas, presented a paper titled, "Demonetization & Indian Economy" at 21st Indian Political Economy Association (IPEA) Conference held at IIT Delhi on 08-09 December, 2017.

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3. Choudhary Vikas, presented a paper titled, "Impact of Promoter Ownership on Firm Performance: A Study of BSE 500 Companies" at International Conference on Social Science, Arts, Business and Education held at Amsterdam, Netherlands during 26-27 March, 2018.
4. Mor Kiran, Sethia Savneet , “Changing Consumption basket in Rural and Urban Areas: A journey from Conventional food to convenience food” in 5th International Conference on New Frontiers of Engineering, Science Management and Humanities (ICNFESMH-2017) organized by The Institute of Electronics and Telecommunication Engineers (IETE), Janakpuri, New Delhi on 17th September 2017, ISBN: 2394-3386, Vol. 4, Issue-9, pp 176-181.
5. Mor Kiran, Sethia Savneet “Footwear purchases in Rural and Urban Areas” in National Conference on Sustainable Development on 11th Dec 2017, organized by Department of Humanities and Social Sciences, National Institute of Technology Kurukshetra, ISBN:978-93-87294-12-7, pp 176-181.
6. Mor Kiran, Sethia Savneet “Decision making styles of clothing: A case study of rural and urban areas” in International Conference on Research and Business Sustainability organized by Department of Management Studies, Indian Institute of Technology Roorkee & Sheffiled Business School, Sheffilled Hallam University, United Kingdom and Waikato Management School, New Zealand on 16th and 17th December 2017, ISBN: 978-93-86238-38-2, pp 122-128.
7. Mor Kiran, Devi Sarita “Demonetization and inclusive growth: An Overview”, International Conference on Paradigm Shift in World Economics, Opportunities and Challenges held at RDIAS Rohini, Delhi, April 2017, ISBN: 978-1-63535-729-5, pp 33-38.
8. Mor Kiran, Devi Sarita, “Regional Disparities in Socio economic development in Post Reform Era: A Study of Indian Economy” in 5th International Conference on New Frontiers of Engineering, Science Management and Humanities (ICNFESMH-2017) organized by The Institute of Electronics and Telecommunication Engineers (IETE), Janakpuri, New Delhi on 17th September 2017ISBN: 2394-3386, Vol. 4 Issue-9, pp 136-143.
9. Mor Kiran, Devi Sarita, “Regional Disparities and Imperatives for inclusive growth in India: A Study in Post Reform Era” in National Conference on Sustainable Development on 11th Dec 2017, organized by Department of Humanities and Social Sciences, National Institute of Technology Kurukshetra, ISBN:978-93-87294-12-7, pp 11-15.
10. Mor Kiran, Luchab Anshu “HR Analysis and Organization Performance” in National Conference on Sustainable Development on 11th Dec 2017, organized

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11. Shabnam, Presented paper entitled “A Correlational Study of Successful Intelligence in Relation to Home Environment” in the 4th International Psychological Science Congress on Psychological Wellbeing: Reflections across the Culture held on 18-20 Sep, 2017 organized by National Association of Psychological Science at Department of Psychology, Punjab University, Chandigarh (Punjab) India.
12. Shabnam, Presented paper entitled “Impact of Parental attitude on Successful Intelligence” in the 5th International Conference on New Frontiers of Engineering, Science, Management and Humanities (ICNFESMH-2017) held on 17th Sep, 2017 organized by Conference Info in association with Academic Science at The Institution of Electronics and Telecommunication Engineers (IETE), Janakpuri, New Delhi (Delhi) India. (Proceedings in IJETSR, Vol 4, Issue 9, Sep. 2017, ISSN 2394-3386) (UGC Approved Journal)
13. Shabnam, Presented paper entitled "Practical Intelligence and Work Psychology" in the International Conference on Research and Business Sustainability (ICRBS) held on December 16-17, 2017 organized by Department of Management Studies, IIT Roorkee (UK), in collaboration with Sheffield Business School, United Kingdom and Waikato Management School, New Zealand at Greater Noida Extension center, IIT Roorkee India.
14. Shabnam, Presented paper entitled "Emotional Intelligence in Affinity to Thinking Styles and Personality" in the 27th Annual Conference of National Academy of Psychology (NAOP) held on 22 - 24 December 2017 organized by Department of Humanities and Social Sciences, IIT Kharagpur (WB) India.
15. Shabnam, Presented paper entitled "Sustainable Education Development (SED): Thinking with Psychological Beneficence” in one-Day National Conference on “Sustainable Development” (NCSD-2017) held on 11 December 2017 organized by Humanities & Social Sciences, National Institute of Technology, Kurukshetra (Haryana) India.
16. Sachdeva Geeta, The Role of Spiritual Leadership in Work Place Spirituality: International Conference on Science, Spirituality and Civilization, organized by Department of Applied Science and Engineering, Indian Institute of Technology (IIT), Roorkee held on March 16-17, 2018.ISBN- 978-93-86876-99-7.
17. Sachdeva Geeta, New Civilization of Portfolio Careers in IT industry on its Way- Credit Goes to Moonlighting Through Exploitation of Science & Technology: International Conference on Science, Spirituality and Civilization, organized by Department of Applied Science and Engineering, Indian Institute of Technology (IIT), Roorkee held on March 16-17, 2018.ISBN- 978-93-86876-99-7.

18. Sachdeva Geeta, Green Marketing as a Tool for Gaining Competitive Advantage: Fore International Sustainable Development Conference in association with International Association for Business & Society (IABS), organized by FORE Campus, New Delhi held on January 11-13, 2018.
19. Sachdeva Geeta, Customer Awareness Level about CSR Practices: International Conference on Research and Business Sustainability (ICRBS 17), organized by Department of Management Studies, Indian Institute of Technology (IIT), Roorkee held on December 16-17, 2017, ISBN-978-93-86238-38-2, pp. 167-172.
20. Sachdeva Geeta, HRM Transformation from Simply People Management to Green Practices of people Management: National Conference on Sustainable Development (NCSD-17), organized by Department of Humanities & Social Sciences, NIT-Kurukshetra, held on December 11, 2017. ISBN-978-93-87294-12-7.
21. Sachdeva Geeta, A Tryst between Moonlighting IT/ITes Professionals and the Great Evolution of Start-Ups in India: National Conference on Sustainable Development (NCSD-17), organized by Department of Humanities & Social Sciences, NIT-Kurukshetra, held on December 11, 2017. ISBN-978-93-87294-12-7, pg.
22. Sachdeva Geeta, Sustainable Issues in Human Resource Management: 4th International Conference on Recent Research Development in Environment, Social Science and Humanities (ICRRDESH-17), held on November 26, 2017 at Institute of Electronics and Telecommunication Engineers, Chandigarh, India. ISBN- 978-93-86171-82-5, pg. 84-90.
23. Sachdeva Geeta, A Study of Human Capital Management: Practices, Risks & Risk Management Strategies: 4th International Conference on Human Resource Management, Organized by the ICFAI Foundation for Higher Education (IFHE), Hyderabad on November 10-11, 2017. ISBN- 978-93-5288-713-2, pg. 1-3.
24. Sachdeva Geeta, Impact of Information Technology on Human Resource Management Practices: International Conference on Recent Trends in Technology and its impact on Economy of India, Organized by Guru Nanak College for Girls, Sri Muktsar Sahib, Amritsar, Punjab on October 24, 2017. ISBN- 978-93-86171-74-0
25. Sachdeva Geeta, Digital Era & its influence on HRM: International Conference on Digital revolution in Business, Organized by University Business school, Punjab University, Chandigarh on September 27-28, 2017.
26. Sachdeva Geeta, Achieving Excellence through Continuous Quality Improvement: Word Congress on Interdisciplinary Innovative Research in Education, Law, Governance, Gender Studies, Humanities and Various Management Practices, organized by Krishi Sanskriti Publications at Jawahar Lal Nehru University on September 23, 2017. ISSN (P):2394-15445, ISSN (e): 2394-1553.
27. Sachdeva Geeta, Initiatives and Challenges of E-Governance in India: 5th International Conference on New Frontiers of Engineering, Science, Management and Humanities, organized by The Institution of Electronics and

Telecommunication Engineers, September 17, 2017. ISBN: 978-81-934288-4-9, pp. 457-463.

28. Ashwani Bishnoi (2018). "Human Capital and Economic Growth in India: A Lens from Educational Spending", International Conference on Strategic Competency Mapping for Talent Management and Retention, held on January 18-19, 2018, at University Business School, Panjab University, Chandigarh, India
29. Ashwani Bishnoi (2017). Varietal Developments and Technology Adoption: An Econometric Approach for Haryana Paddy Production, 10th International Conference on Recent Development in Engineering Science, Humanities and Management, held On December 24, 2017 at The Indian Council Of Social Science Research (ICSSR) North West Regional Centre, PU Campus, Chandigarh (India).
30. Ashwani Bishnoi (2017). Cost-benefit Analysis for Paddy Production in India: Regional Analysis, International Conference on Research and Business Sustainability, Indian Institute of Technology Roorkee & Sheffield Business School, Sheffield Hallam University UK & Waikato Management School, New Zealand, December 16-17, 2017, ISBN: ISBN: 978-93-86238-38-2, pp. 327-330
31. Ashwani and Sweety (2017). Sustainable Development Goals: Status and Way forward for India, National Conference on Sustainable Development, ISBN 978-93-87294-12-7, pp. 116-125, December 11, 2017, Department of Humanities and Social Sciences, National Institute of Technology, Kurukshetra
32. Ashwani and Sweety Garg (2017). Inter Regional IEMs Investment Variations: An Analysis from Indian States, Proceedings of International Conference on Strategies in Volatile and Uncertain Environment for Emerging Markets, ISBN-978-93-83893-05-8, July 14-15, 2017 Indian Institute of Technology Delhi, New Delhi pp.772-783.

DEPARTMENT OF BUSINESS ADMINISTRATION

Research Papers Published

Dr. Rajender Kumar Intellectual Property Rights Protection and Foreign Direct Investment: A Study of BRICS Countries", World Review of Entrepreneurship, Management and Sustainable Development, 2017(In Press), (Scopus: H-index= 10) (Inderscience Publishers)

Journals

1. Kumar P. & Firoz M. (2018). Impact of Climate Change Disclosure on Financial Performance: An Analysis of Indian Firms. Journal of Environmental Accounting and Management, 6(3), 285-297.

2. Kumar P. & Firoz M. (2017). Carbon Emission Reductions (CERs) Accounting with special reference to IFRS, International Journal of Business Insights and Transformation, 10(2), 4-9.
3. Kumar P. & Firoz M. (2017). The Impact of Voluntary Environmental Disclosure on Cost of Equity Capital - Evidence from Indian Firms. The Journal - Contemporary Management Research,11(1), 1-26.
4. Kumar P. & Firoz M. (2017). Climate change disclosure and its impact on firm's stock performance- Evidence from Indian firms. In L. Memdani; Padmavathi V. & C S Shylajan(Eds.), Paper presented at 10th Doctoral Thesis Conference, ICFAI Business School, Hyderabad, 20-21th April 2017, India.
5. Kumar P. & Firoz M. (2017). Carbon Emission Reductions (CERs) Accounting with special reference to IFRS. In A. Verma, & S. Singh (Eds.),HSB 9th Annual National Conference on Business and Management. Paper presented at Haryana School of Business, Hisar, 8-9th February, India.

Articles Published

A framework for untapped creativity: leveraging components of individual creativity for organizational innovation
Development and Learning in Organizations: An International Journal, Vol.31 Issue: 6 (ISSN: 1477-7282) Nov 2017

12.4 R & D INCOME & EXPENDITURE

Sr. No.	Name of Scheme & Principal Investigator	Amount available upto 2017-18	Amount utilized upto 31.03.2018	Balance as on 31.03.2018
1.	Development of Polyoxometalate based light induced wateroxidation catalyst by prof. Amrita Gosh	24.40	24.40	0.00
2.	Multi-Functional Metal-Organic Frameworks Construction by New Organic Ligands with mixed N-/O donors by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	29.16	28.69	0.47
3.	Quantum Chemical Design Synthesis and Energetic Properties Study of Tetrazole based High Energy Materials Dr. Ghule Vikas Dasarath, Asstt. Prof. in Chemistry Deptt	22.80	22.80	0.00

4.	Synthesis of Novel Random Laser Materials for Advance Photonic Applications by Dr. Yashashchandra Dwivedi, Asstt. Prof. in Physics Deptt	25.80	25.80	0.00
5.	Design, Synthesis and Optoelectronic Properties of Thiophene based Functional Organic Materials by Dr. Chetti Prabhakar, Asstt. Prof. in Chemistry Deptt.	22.20	22.20	0.00
6.	Neutral and Cationic Ruthenium Complexes for Amidation and related Reactions in Aqueous and Biphasic Medium by Dr. M. Senthil Kumar, Asstt. Prof. in Chemistry Deptt.	21.00	17.67	3.41
7.	New Magnetic Materials applicable as Colored Pigments and Catalysts under INSPIRE FACULTY AWARD SCHEME from INSA (DST Project) by Dr. Avijit Kumar Paul, Asstt. Prof. in Chemistry Deptt.	20.44	20.35	0.09
8.	Study of the factors affecting radon level in dwelling through measurement and modeling by Prof. RP Chauhan	31.27	31.27	0.00
9.	Supramolecular Flourscent probes for the selective detection of biological signaling molecule (H2S) and real time assay" by Dr. Amilan Jose Devadoss	23.30	23.12	0.18
10.	Silver Nano- Particle embedded bio- glasses: Electro- Thermal polling and Assessment of their bio compatibility by Dr. C.R. Marriapan	23.50	23.20	0.30
11.	ISEA Project by Prof. A. Swarup and Prof. Mayank Dave	36.06	34.03	2.03

12.	SMDP Project by Prof. A.K. Gupta and Prof. R.K. Sharma	33.20	24.13	9.07
13.	Vishvesariya Ph.D Scheme by Prof. Mayank Dave	98.63	98.63	0.00
14.	Defending Distributed Denial of Service (DDoS) attacks using Dynamic Resource ownership and Economic Incentives based solution	13.50	12.98	0.52
15.	Synthesis of Water Soluble Cobalt Complexes & Their Catalytic Activities in Acquos & Biphasic Medium by Ms. Anita Bhatia	15.80	14.80	0.60
16.	Nano Scale Vesicles Modified Metal Complex's for Therapeutic Carbon Monoxide Delivery by Dr. Amilan Jose, Chemistry Department	1.50	1.33	0.17
17.	FIST Program by Prof. Mahesh Pal, Civil Engineering Department	108.00	0.00	108.00
18.	Intelligent real Time Situation Awareness and Decision Support System for Indian Defense by Dr. Sarika Jain, Masters of Computers Application	26.24	21.64	4.60