

**PAPERS TO BE LAID ON THE TABLE OF
LOK SABHA/RAJYA SABHA**

**ANNUAL REPORT & ANNUAL ACCOUNTS
2016-17**



(AUTHENTICATED)

**MINISTER OF STATE IN THE
MINISTRY OF HUMAN RESOURCE
DEVELOPMENT
NEW DELHI**

Dated:-

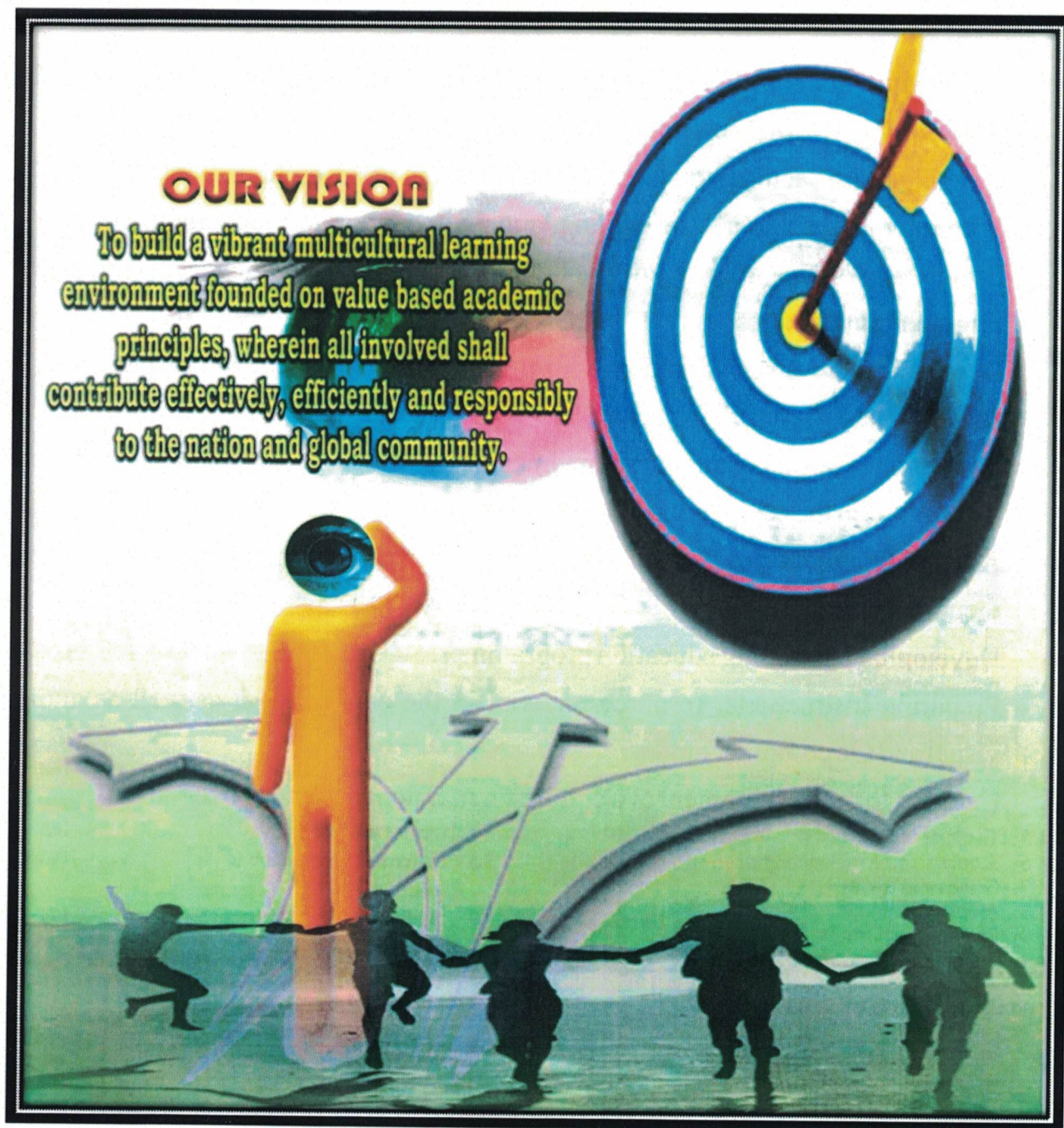
**NATIONAL INSTITUTE OF TECHNOLOGY
HAMIRPUR (H.P.) - 177 005**



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1.0 INTRODUCTION

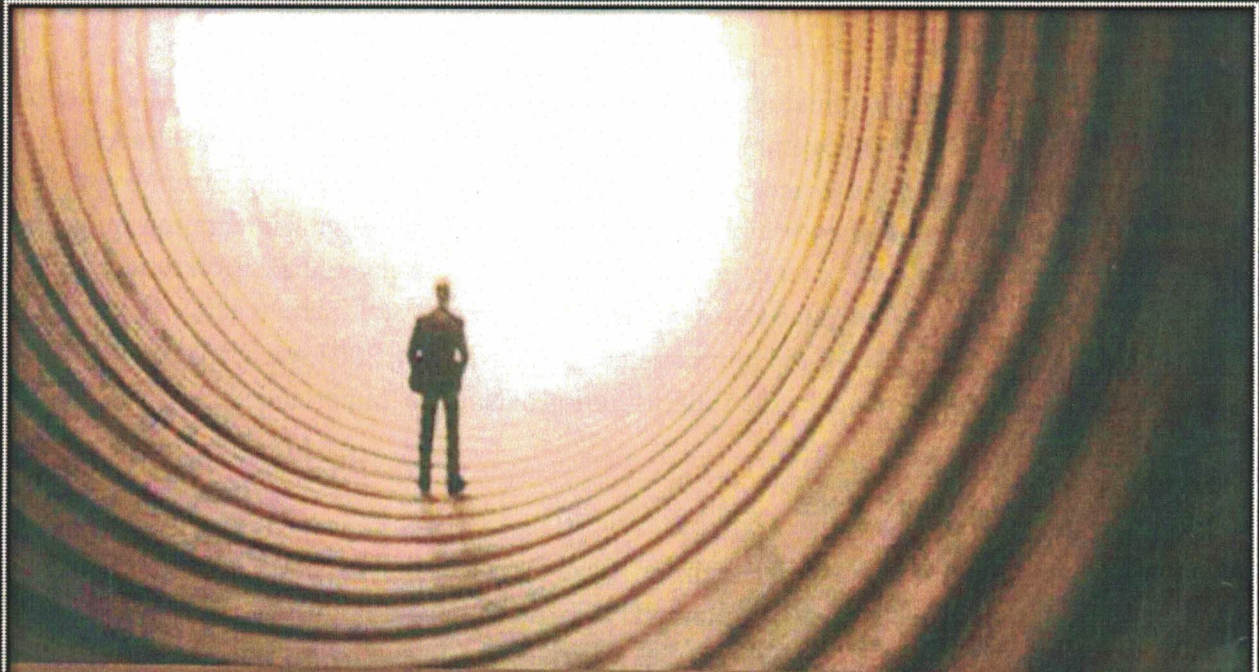


1.2

Guiding Principle

- Offering instructions in Engineering and Applied Sciences at a level comparable to the very best in the world.
- Providing best facilities for Postgraduate Studies and Research.
- Providing leadership in curriculum planning and laboratory development.
- Faculty Development Programmes both for its own faculty and teachers of other Engineering Institutes.
- Developing close collaboration with industry through exchange of personnel's and undertaking consultancy projects.
- Developing strong collaboration links with other academic and research institutions in the country and abroad.
- Anticipating the technological needs for India and to plan and prepare to cater to them.
- Developing continuing education programmes.
- Preparing instructional resource material in the conventional as well as audio visual and the computer modes.
- Catering to the development of a culture for maintenance and conservation.

1.3 Mission



The mission of the Institute is to disseminate latest technical know-how and produce quality engineering professionals to face emerging global challenges. To participate and contribute in the development of technology for upliftment and betterment of society.

2.0 AN OVERVIEW

2.1 HISTORICAL BACKGROUND

The National Institute of Technology, Hamirpur was established as REC in 1985 as a joint and co-operative enterprise of Government of India and Government of Himachal Pradesh. The Institute offers undergraduate and postgraduate education in Engineering, Architecture and Applied Science & Humanities disciplines, fostering the spirit of national integration among the students. It promotes a close interaction with industry and a strong emphasis on research, both basic and applied. It was given the status of Deemed University w.e.f. 26.06.2002. As a result of conversion of RECs into NITs and promulgation of the NIT Act, 2007 w.e.f. 15th August, 2007, the NIT, Hamirpur is enjoying the status of Institution of National Importance.

2.2 LOCATION

The Institute campus is located on Hamirpur-Awah Devi Road on the outskirts of the Hamirpur town, at a distance of about four (04) kilometer from the bus stand Hamirpur. It is well connected by road from Shimla, Dharmashala, Delhi, Chandigarh, Jalandhar and nearby cities by all weather road. The nearest broad gauge head is at Una (Himachal Pradesh), which is eighty (80) kilometer from Hamirpur. It is about nine hours' journey by train from Old Delhi to Una and frequent bus services are available from Una to Hamirpur. From Hamirpur bus stand to NIT Campus, taxi services are also available. The nearest airport is at a distance of about eighty five (85) kilometer at Gaggal Kangra at Dharamshala and has direct airlink from Delhi and Chandigarh.

2.3 CAMPUS

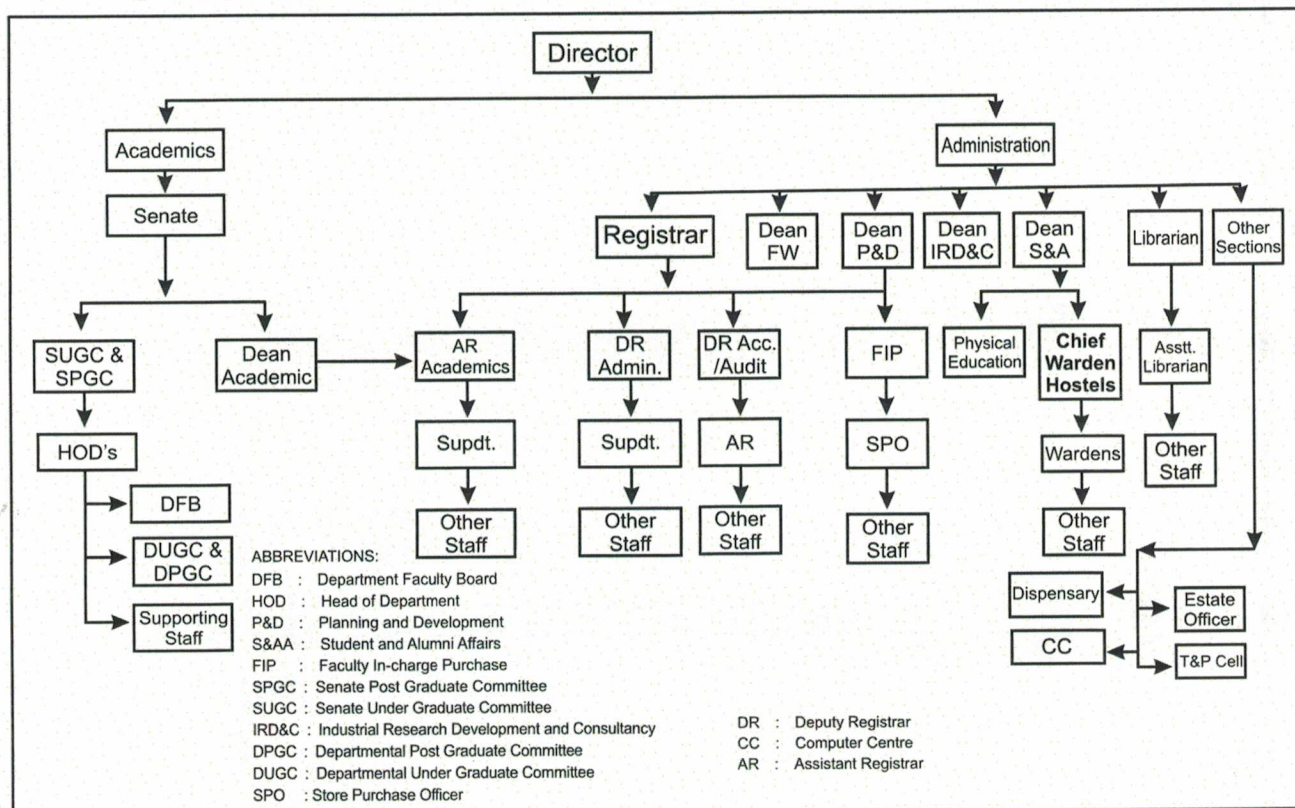
The campus has an area of 177.1 Acres in the picturesque surrounding with lush green pine trees, facing snow clad Dhauladhar mountain ranges. The place has healthy climate with moderate temperature ranging from 4° to 40° at an altitude of 900 meter. It presents a spectacle of harmony in architecture and natural beauty. The land for the Institute has been acquired from the State Government and on this various instructional, administrative, residential buildings, hostels and students' activity centres, open air theatre, auditorium and stadium etc. have been constructed. The acquisition of 50 acres of more land is under process for the expansion of NIT Complex. The process of transfer of land from the State Government to NIT, Hamirpur as per NIT Act, has been completed.

Campus Site Plan



2.4 ADMINISTRATION

The Director of the Institute is the Principal Academic and Chief Executive Officer and is responsible for proper Administration under the supervision of Board of Governors. He is assisted in day-to-day work by the Deans, HODs, Registrar and other Officers and Committee Coordinators of the Institute. The system has been made fully transparent & powers and responsibilities have been abdicated and de-centralized.



2.5 Education System (UG)

Admission

i. Admission Criterion

The admission to various undergraduate programmes is made once a year in June-July by CSAB on the basis of JEE Main Examination conducted by Central Board of Secondary Education (CBSE), New Delhi.

(ii) Admission under Cultural Exchange Programme

A few admissions are offered under the Cultural Exchange Fellowship Programme of Government of India, administered by the Indian Council of Cultural Relations (ICCR), New Delhi. For these admissions, the candidates are required to apply through the Indian High Commission / Embassy in their respective countries.

(iii) Reservation Policy

Institute follows the reservation policy as notified by MHRD, Govt. of India from time to time. The Chairman Senate in consultation with Dean Academics and Chairman SUGC shall nominate members for coordinating the admissions with the CSAB.

(iv) Academic Session

The academic session normally begins in the last week of July and ends in first week of May. It is divided into two parts.

(a) Odd Semester: From the last week of July to first week of December.

(b) Even Semester: From the last week of December to first week of May

(v) Academic Calendar

The exact dates of all the important events such as orientation, registration, late registration, commencement of classes, submission of documents, examinations, submission of grades, vacation, mid-semester break, etc. during the academic session are specified in the *academic calendar* of the Institute, approved by the Senate.

(vi) Programme Structure**Curriculum**

The academic programmes of the Institute follow the credit system. Details of the curriculum for the undergraduate programmes as approved by the Senate on the recommendations of SUGC and as contained in the "Courses of Study" bulletin, is published periodically by the Institute. The medium of instruction, examination and project reports is in English. The Institute strives to design all programmes focusing on outcome in order to ensure quality and technical competency of the students undergoing a programme.

B.Tech. Programmes

These are divided into two distinct but compatible parts called Core Curriculum and Professional Curriculum. Each student is required to go through the Core Curriculum, irrespective of his/her chosen branch of specialization.

The Professional Curriculum is meant for the chosen branch of specialization. It consists of a set of compulsory courses, electives (open as well as branch specific) and project work besides courses in Humanities and Social Sciences. The departments may organize educational tours and training programmes as part of the Professional Curriculum.

B.Arch. Programme

- (vii)** It consists of professional courses along with educational tours and training are an integral part of the curriculum.

(iii) Registration

Registration is very important procedural part of academic system. All students are required to register in person for each semester for the course to be pursued by them, as per the programme, on the dates specified in the Academic Calendar. The sole responsibility for registration rests with the student concerned.

Registration Procedure

A list of courses to be offered during the 1st year is put up on the notice board by the Chairman SUGC and for 2nd, 3rd, 4th and 5th years the same is put on the website by the Head of the concerned departments. The list of courses is also made available to the Convener, DUGC and Registration Advisors. The SUGC nominates Registration Advisors from amongst the faculty to provide necessary information on the core-curriculum courses offered and changes, if any, during registration in each semester. Similarly, the DUGC nominates Registration Advisors to advise students on registration for courses of the professional curriculum. The registration procedure involves:

- (a) filling of the prescribed registration form mentioning the courses to be credited in the Semester
- (b) payment of fees and clearance of outstanding dues (if any)

The candidates admitted to the institution in their first year in any programme are required to submit documents of having passed the qualifying examination by the last date given in the Academic Calendar to get their registration regularized. The students of NIT, Hamirpur whose results have not been declared and are seeking registration in other semesters shall be admitted only provisionally. They shall have to fulfill all the requirements of registration after the results are declared.

2.6**EDUCATION SYSTEM (PG)****INTRODUCTION**

The objectives of various academic programmes at the National Institute of Technology, Hamirpur (HP) are:-

- To ensure high standard of performance in teaching & research
- To develop scientific and engineering manpower of the highest quality to cater to the needs of the industry
- To be a role model of educational institutions in the country
- To provide a broad grasp of the fundamental principles of the sciences and scientific and technological methods through its curriculum
- To provide a deep understanding of the area of specialization
- To provide an innovative ability to solve new problems

- To provide a capacity to learn continually and interact with multidisciplinary groups
- To develop the students with a capability for:
 - o free and objective enquiry
 - o courage and integrity
 - o awareness and sensitivity to the needs and aspirations of society.

With these objectives in mind, the postgraduate programmes are designed to include courses of study, seminars and project/thesis through which a student may develop his/her concepts and Intellectual skills. All the rules and regulations are embodiment in the PG Manual. The Departmental Post Graduate Committee (DPGC) ensures that all the Rules and Procedures given in PG Manual are adhered to and implemented without any change. While considering an issue if the manual does not specifically mention something, the same shall be forwarded to SPGC for its consideration. The set of regulations, on approval by the senate, shall supersede all the corresponding earlier set of regulations of the Institution, with all the amendments thereto, and shall be binding on all parties concerned including students undergoing PG programmes, Faculty, Staff, Departments and Institute Authorities.

(ii) Postgraduate Programmes

The Institute offers M.Tech./M.Arch. and Ph.D. programmes in various academic departments/centres of the Institute.

(iii) Admission Requirement for M.Tech./M.Arch.

The applicant must have a Bachelor Degree in Engineering/Technology/Architecture/AMIE in appropriate discipline or a Master Degree in appropriate discipline with CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in case of Open/OBC candidates in qualifying degree. Whereas in case of SC/ST candidates a CGPI of 6.0 on a 10-Point scale (or equivalent) or 55% marks in qualifying degree will be applicable. The admission to M.Tech./M.Arch. programmes will be on the basis of valid GATE Score in appropriate subject.

- (iv) Duration:** The duration of each M.Tech./M.Arch. programme is two years (four semesters)

2.6.1 COURSES OFFERED

The following programmes are offered by the Institute:-

1. B.Tech./B.Arch.
2. Five years dual degree Bachelor and Master of Technology
3. M.Tech./ M. Arch./MBA
4. Ph.D

2.6.2 ACADEMIC PROGRAMMES

The Institute offers undergraduate programmes leading to various degrees are follows:

Sr. No.	Degree	Branch
1	B. Tech	Civil Engineering
2	B. Tech	Electrical Engineering
3	B. Tech	Mechanical Engineering
4	B. Tech	Electronics and Communication Engineering
5	B. Tech	Computer Science and Engineering
6	B. Tech	Chemical Engineering
7	B. Arch	Architecture

Five years Dual Degree Bachelor and Master of Technology

Degree	Branch
Five years Dual Degree Bachelor and Master of Technology	Computer Science & Engineering
Five years Dual Degree Bachelor and Master of Technology in E&CE	Electronics and Communication Engineering

M. Tech.

Sr.No.	Department/Centre	M.Tech. programme
1.	Civil Engineering	Geotechnical Engineering & Under Ground Structures
		Structural Engineering
		Transportation Systems Engineering
		Water Resources Engineering
2.	Electrical Engineering	Power System
		Signal Processing & Control
		Condition Monitoring, Control & Protection of Electrical Apparatus
3.	Mechanical Engineering	Thermal Engineering (Computational Fluid Dynamics and Heat Transfer)
		CAD-CAM
4.	Electronics & Communication Engineering	VLSI Design Automation & Techniques
		Communication Systems & Networks
5.	Computer Science & Engineering	Computer Science & Engineering
		Mobile Computing
6.	Architecture	M.Arch. in Sustainable Architecture

7.	Centre for Material Science & Engineering	Material Science & Engineering
8.	Centre for Energy & Environmental Engg.	Energy Technology
		Environmental Engineering

MBA

Sr. No.	Department/Centre	MBA programme
1	DOMS	MBA

Ph. D.

Department/Centre	Specializations
Civil Engineering	(i) Structural Engineering (ii) Geo Technical Engineering (iii) Water Resources Engineering (iv) Transportation Engineering
Computer Science & Engineering	(i) Mobile Computing (ii) Computer Science & Engineering
Centre for Material Science & Engineering	(i) Material Science & Engineering
Centre for Energy & Environmental Engineering	(i) Energy Technology (ii) Environmental Engineering
Electrical Engineering	(i) Power System (ii) Signal Processing & Control (iii) Conditional Monitoring, Control & Protection
Electronics & Communication Engineering	(i) VLSI (VDAT) (ii) Communication System & Networks
Mechanical Engineering	(i) Thermal Engineering (CFD & HT) (ii) CAD-CAM
Architecture	(i) Sustainable Architecture

2.6.3 Admission Procedure**(i) B.Tech./B.Arch./ Five Years Dual Degree Bachelor and Master of Technology****Method of Selection**

The admission to 1st Year B. Tech. and B. Arch. (Undergraduate courses) & **Five years Dual Degree Bachelor and Master of Technology programme are being** made through the JEE (Main) Examination conducted by the CBSE and as per the guidelines framed by Ministry of Human Resource

Development, Govt. of India, Department of Secondary and Higher Education.

Regular Students: B. Tech./B. Arch. & Five years Dual Degree Bachelor and Master of Technology.

Sponsored Students: Nil

(ii) M.Tech./M.Arch.

Method of Selection

The applicant must have a Bachelor Degree in Engineering/Technology/Architecture/AMIE in appropriate discipline or a Master Degree in appropriate discipline with CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in case of Open/OBC candidates in qualifying degree. Whereas in case of SC/ST candidates a CGPI of 6.0 on a 10-Point scale (or equivalent) or 55% marks in qualifying degree will be applicable. The admission to M.Tech./M.Arch. programmes will be on the basis of valid GATE Score in appropriate subject.

Regular Students

Admission to M.Tech./M.Arch. (Full Time) programmes are conducted through Centralized Counseling (CCMT). Applicants fill online application and fill choices of programmes for NIT Hamirpur and other NITs through the online. After the allotment of seats, the candidates proceed to various NITs for reporting/admission.

Sponsored Students

The candidate who is sponsored by his/her employer must have been in service of the sponsoring organization for at least two years. Moreover, the sponsoring organization must be a reputed medium or large scale Government organization/private industry or a reputed technical institute. The sponsoring organization must specifically undertake to relieve the candidate to pursue the programme for its full duration.

Admission requirement for MBA

Eligibility criteria: B.E./B. Tech. in any branch of Engineering/Technology with 1st Division and valid score in CMAT examination.

(iii) Ph. D. (Full Time)

Method of Selection

The applicant must have a Master Degree in appropriate discipline with CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in case of Open/OBC candidates in qualifying degree. Whereas in case of SC/ST candidates a CGPI of 6.0 on a 10-point scale (or equivalent) or 55% marks in qualifying degree will be applicable.

Regular Students

The admission to Ph.D. programmes in various departments/centres is done on the basis of written test presentation or interview.

Sponsored Students

The candidate who is sponsored by his/her employer must have been in service of the sponsoring organization for at least two years. Moreover, the sponsoring organization must be a reputed medium or large scale Government organization/private industry or a reputed technical Institute. The sponsoring organization must specifically undertake to relieve the candidate to pursue the programme for its full duration.

(iv) Diety

Vishvesvaraya Ph.D scheme for Electronics and IT of Diety is being implemented by Media Lab Asia a section 25 no-for-profit organization of the department of Electronics and IT. Ministry of Communication Technology has approved 02 full time candidates under the Project for this Institution in the Academic Session 2014-15 and 10 full time and 4 part time Ph.D scholar for Academics Session 2015-16. The Ph. D candidates selected under this scheme shall be paid fellowship @Rs.22,500/-pm per candidate for 1st and 2nd year which shall be increased to Rs.25000/-pm. from 3rd year onwards.

2.7 STUDENTS:

National Institute of Technology, Hamirpur (HP) has always been the preferred destination of the bright students. The present strength of students at NIT, Hamirpur is **3016 (2497 Boys + 519 Girls)**. Students of NIT Hamirpur are also known for their excellence in socio-cultural activities and in athletics. This multilingual and multi-cultured environment is particularly conducive to its future development. The Alumni of NIT Hamirpur have made a mark in industry and public life. They are taking significant interest in the affairs of the institute and will continue to do so in future.

2.8 EXAMINATION AND EVALUATION:

The Academic Branch of the institute centrally conducts the mid-semester, end semester and supplementary examinations in respect of theory components of the subjects unless otherwise permitted. The answer copies are kept by the subject teacher/examiner/ HODs.

2.9 ASSESSMENT OF PERFORMANCE (UG COURSE)

There is continuous assessment of student's performance throughout the semester and grades are awarded accordingly by the subject Teacher/Co-ordination Committee formed for this purpose:-

Grade	Percentage score, X
A	$X \geq 85\%$ and above
AB	$85\% \geq X \geq 75\%$
B	$75\% \geq X \geq 65\%$
BC	$65\% \geq X \geq 55\%$
C	$55\% \geq X \geq 45\%$
D	$45\% \geq X \geq 40\%$
F	$X < 40\%$

For subjects with a theory component, the subcomponent and the respective weightage assigned are given below:-

Sub component	Weightage
Mid –Semester Examination	20%
Class Test(s)	10%
Assignments etc.	10%
End-Semester examination	60%
Total	100

2.9.1 Project Work:

The evaluation and award of grades for major project shall be done by the Committee consisting of:

- Project Coordinator
- An External Examiner nominated by the Chairman (Senate) from the panel of examiners submitted by Head of the Department in consultation with DUGC.
- Minimum two faculty members nominated by Head of the Department preferably one from other department.

2.9.2 Course Structure (M. Tech. Programmes):

M. Tech./M. Arch. Programmes:

Teaching Scheme:

A. Distribution of Credits:

The minimum credits for which a candidate must register are as under:-

Minimum Credits Through Course Work			Minimum Credits Through Research		Total Credits
Programme Core (PC)	Programme Electives (PE)	Open Electives (OE)	Dissertation -3 rd Sem	Dissertation -4 th Sem	
24	11	3	12	20	70

B. Semester-wise Distribution of Credits:

(may vary as per the need of specific programme, but the requirement of minimum overall credits listed in A must be satisfied)

Sem-1	Sem-2	Sem-3	Sem-4	Total Credits
17	17	16	20	70

C. Coding Scheme:

Course Code: XXYZZ			
XX: Dept/Centre Code, Y: Level of Course, ZZ: Specific Code for Course			
YYY			
Programme Core	Programme/Open Electives	Seminar	Dissertation
600 to 699	700 to 799	800	801

XXCodes for Departments/Centres:

Dept/Centre	Code	Dept/Centre	Code
Civil Engineering	CE	Energy & Env.	EN
Comp Sc.& Engineering	CS	Material Sc&Engg.	MS
Electrical Engineering	EE	Physics	PH
Electronics & Comm. Engineering	EC	Chemistry	CH
Mechanical Engineering	ME	Mathematics	MA
Architecture	AR	Humanities & Social Sciences	HS

D. Grade of Dissertation (XX-801):

Semester	Credits for Dissertation Work	Grade	Remarks
Sem-3	12	AAA	A ∈ S X A is awarded for each set of 4 units, [S: Satisfactory, X: Unsatisfactory]
Sem-4	20	AAAAA	

E. Minimum Credits To Be Earned For Award of Degree:

For award of M. Tech./ M. Arch. degree a candidate should have earned minimum of 58 credits including 38 credits from course work (Programme Core, Programme Electives & Open Electives) and 20 credits from the dissertation work.

F. Self-Study Course:

Self-study course will be related to the research/specialization area of a candidate. The concerned supervisor will act as course coordinator who will be responsible for proposing the course name and syllabus for approval of the DPGC. The evaluation pattern of the course shall be decided in the respective DPGC.

Department of

M.Tech.,

Teaching Scheme

FIRST SEMESTER

Sr. No.	Course No.	Course Title	L	T	P	Hours/ Week	C
1.	XX-600	Programme Core-1	3	0	0	3	3
2.	XX-601	Programme Core-2	3	0	0	3	3
3.	XX-602	Programme Core-3	3	0	0	3	3
4.		Programme Elective-1	3	0	0	3	3
5.		Programme Elective-2	3	0	0	3	3
6.	XX-603	Laboratory-1	0	0	3	3	2
Total			15	0	3	18	17

SECOND SEMESTER

Sr.No.	Course No.	Course Title	L	T	P	Hours/ Week	C
1.	XX-604	Programme Core-4	3	0	0	3	3
2.	XX-605	Programme Core-5	3	0	0	3	3
3.	XX-606	Programme Core-6	3	0	0	3	3
4.		Programme Elective-3	3	0	0	3	3
5.		Open Elective-1 (from other Dept)	3	0	0	3	3
6.	XX-607	Laboratory-2	0	0	3	3	2
Total			15	0	3	18	17

THIRD SEMESTER

Sr.No.	Course No.	Course Title	L	T	P	Hours/Week	C
1.	XX-799	Self-Study				3	2
2.	XX-800	Seminar	0	0	3	3	2
3.	XX-801	Dissertation (to be continued in IV th Sem)				24	12
Total						30	16

FOURTH SEMESTER

Sr. No.	Course No.	Course Title	L	T	P	Hours/Week	C
1.	XX-801	Dissertation (continued from III rd Sem)				40	20
Total							20

Programme Electives

XX-700

XX-701

Open Electives

XX-750

XX-751

2.10 Placement:

The Training & Placement Cell was established in this Institute in the year 1995. Since than lot of activities are being conducted within the ambit of this cell for the benefit of the students and faculty.

2.11 Games & Sports:

National Institute of Technology, Hamirpur is one of the premier technical institutes in Northern India. The Institute presently provides sports facilities for both indoor and outdoor activities. A standard size stadium with the provision of pavilion has been provided to the students where the games like Cricket, Football, Hockey, Basket Ball, Lawn Tennis and Athletics are played. The facilities of separate Basket ball and lawn tennis court with the provision of flood lights have also been provided to our students. We have got the provision of indoor hall for Badminton and other indoor games and gymnasium facilities with latest physical fitness machines for both boys and girls separately. The facilities of Billiards and pool table for our students and staff have also been provided:



2.12 Staff Position:
2.12.1 Faculty

Name of the Department	Professor		Associate Professor		Assistant Professor		Total faculty in position
	Sanctioned strength	In position	Total	Sanctioned strength	In position	Total	
Civil Engineering		05*	05*		07	07	16
Electrical Engineering		04	04		06	06	16
Mechanical Engineering		03	03		05	05	14
Computer Science & Engineering		01	01		07	07	11
Electronic & Communication Engineering		02	02		09	09	17
Architecture		02	02		08	08	11
Mathematics		02	02		05	05	08
Physics		00	00		02	02	05
Chemistry		01	01		03	03	06
Humanities & Social Sciences		01	01		02	02	04
Centre for Energy & Environment		02	02		01	01	04
Centre for Material Science & Engineering		01	01		01	01	03
Training & Placement		00	00		00	00	00
Physical Education		00	00		00	00	01
Chemical		00	00		03	03	03
Management		00	00		03	03	03
Total		24	24		62	62	122

37

74

150

2.12.2

Head of the Institute :

Sr. No.	Name of the post	Sanctioned strength	In position
1	Director	01	01
	Total	01	01

Academic Staff:

Sr. No.	Name of the post	Sanctioned strength	In position
1	Professor	37	24
2	Associate Professor	74	36
3	Assistant Professor	150	62
	Total	261	122

2.12.3

(A) Officers:

Sr. No.	Name of the Post	Sanctioned Strength	In Position
1.	Registrar	01	01*
2.	Deputy Registrar	03	02**
3.	Assistant Registrar	07	02
4.	Executive Engineer	01	01**
5.	Engineer	02	02
6.	Assistant Librarian	02	02
7.	Sr. Medical Officer	01	--
8.	Medical Officer	01	01
9.	Sr. Scientific/Technical Officer	04	--
10.	Scientific/Technical Officer	04	03
	Total	26	14

* Officiating

** On deputation

(B) Technical Higher:

Sr. No.	Name of the Post	Sanctioned Strength	In Position
1	Technical Assistant/ Junior Engineer/ SAS Assistant/Sr. Pharmacist	31	15
2	Sr. Technical Assistant/ Assistant Engineer/ Sr. SAS Assistant/ Pharmacist SG-II	23	09
3	Technical Assistant (SG-II) Assistant Executive Engineer SAS Assistant (SG-II)/Pharmacist SG-I	16	02
4	Technical Assistant (SG-I) Executive Engineer, SAS Assistant (SG-I)	08	--
	Total	78	26

(C) Technical Lower:

Sr. No.	Name of the Post	Sanctioned Strength	In Position
1	Technician , Lab. Assistant, Work Assistant, Driver	31	12
2	Sr. Technician, Sr. Lab Assistant, Sr. Work Assistant	23	15
3	Technician (SG-II), Lab Assistant (SG-II), Work Assistant (SG-II), Pharmacist	16	03
4	Technician (SG-I), Lab Assistant(SG-I), Work Assistant (SG-I)	08	01
	Total	78	31

(D) Administrative/Stenographer (Higher):

Sr. No.	Name of the Post	Sanctioned Strength	In Position
1	Superintendent/ Accountant/ Secretary	09	09
2	Sr. Superintendent/Sr. Secretary	06	06
3	Superintendent SG-(II)/ Secretary (SG-II)	04	02
4	Superintendent SG-(I)/ Secretary (SG-I)	02	00
	Total	21	17

(E) Administrative/Stenographer (Lower):

Sr. No.	Name of the Post	Sanctioned Strength	In Position
1	Jr. Assistant	18	10
2	Sr. Assistant/ Stenographer	13	13
3	Assistant(SG-II) / Sr. Stenographer	09	11
4	Assistant (SG-I)/ Stenographer (SG-II)	04	04
5	Stenographer (SG-I)	01	01
	Total	45	39

(F) Supporting Staff:

Sr. No.	Name of the Post	Sanctioned Strength	In Position
1	Attendant/ Security Guard/ Mali/ Care Taker (Higher Scale)	16	65
2	Sr. Attendant/ Security Guard/ Mali/ Care Taker	12	--
3	Attendant/ Security Guard/ Mali/ Care Taker (SG-II)	08	--
4	Attendant/ Security Guard/ Mali/ Care Taker (SG-I)	03	
	Total	39	65
	Total (A to F)	287	192 (including * & **)

2.12.4 Fresh Appointment faculty (Regular)- Nil**2.12.5 Fresh Appointment of technical staff (Contractual)**

Sr. No.	Name	Designation	Department/Centre
1	Mr. Brij Mohan	Technician	CSED
2	Mr. ShekharKaundal	Technician	CSED
3	Mr. Suman Kumar	Technician	CSED
4	Mr. Sunil Kumar	Technician	CSED
5	Ms. ArpanaKumari	Technician	CSED
6	Ms. ArtiMankotia	Technician	CSED
7	Mr. Sandeep Kumar	Technician	CSED
8	Ms. Poonam	Technician	CSED
9	Ms. ApurtiAwasthi	Technician	CSED
10	Ms. SabnamKumari	Technician	CSED
11	Mr. Dinesh Kumar	Technician	CSED
12	Mr. Rahul Verma	Technician	CSED
13	Mr. Raj Kumar	Technician	CSED
14	Mr. ShashiGautam	Technician	CSED
15	Mr. Rakesh Kumar	Laboratory Assistant	Physics Department
16	Mr. Ravi Kumar	Laboratory Assistant	Chemistry Department
17	Mr. MandeepSen	Laboratory Assistant	MED
18	Mr. Devinder Pal	Laboratory Assistant	CEEE
19	Mr. Anil Kumar	Laboratory Assistant	CMS&E
20	Mr. Vivek Kumar	Laboratory Assistant	CMS&E
21	Mr. ManeshPatil	Laboratory Assistant	EED
22	Mr. Rahul Jamwal	Laboratory Assistant	CED
23	Ms. AnjanaKumari	Laboratory Assistant	Arch.
24	Ms. MamtaSen	Laboratory Assistant	Arch.
25	Mr. BadriNath	Driver	Vehicle Section
26	Mr. Raman Kumar	Driver	Vehicle Section

2.12.6 Fresh Appointment of faculty (Contractual)

Sr. No.	Name	Designation	Date of joining	Department
1	Mr. Chandra Mohan Shakya	Lecturer	08.08.2013	CED
2	Mr. Shashi Kant Sharma	Lecturer	29.08.2014	CED
3	Ms. Sandhya Gupta	Lecturer	10.11.2014	CED
4	Ms. Swati Katwal	Lecturer	28.02.2013	EED
5	Mr. NeerajKr.Mishra	Lecturer	12.03.2014	EED
6	Mr. Naveen Kr. Sharma	Lecturer	13.03.2014	EED
7	Mr. Digambar Singh	Lecturer	11.03.2014	EED
8	Ms. Kriti Vaid	Lecturer	28.04.2014	EED
9	Mr. Vinay Kumar Jadoun	Lecturer	05.11.2014	EED
10	Mr. Karan Singh Joshal	Lecturer	12.11.2014	EED
11	Mr. Arvind Dhaka	Assistant Professor	03.11.2014	CSED
12	Mr. Ramesh Kumar	Assistant Professor	03.11.2014	CSED
13	Ms. MenkaGoswami	Assistant Professor	03.11.2014	CSED
14	Ms. DeepikaKaundal	Lecturer	18.03.2014	CSED
15	Mr. SomyaRanjanSahoo	Lecturer	18.03.2014	CSED

16	Dr. Varun Gupta	Lecturer	31.12.2014	CSED
17	Mr. Sanjay Bhandari	Lecturer	06.03.2014	Arch.
18	Ms. Anjali Verma	Lecturer	20.05.2014	Arch.
19	Ms. RashmiKumari	Lecturer	17.11.2014	Arch.
20	Mr. Tiwari Pavan Kumar Sumankant	Lecturer	17.11.2014	Arch.
21	Mr. Kuldhir Singh	Lecturer	12.01.2015	Arch.
22	Dr. AnkushVij	Lecturer	04.03.2014	CMSE
23	Dr. Sandhya Dwevedi	Lecturer	11.03.2014	CMSE
24	Dr. Sanjay Kumar Mohanta	Lecturer	18.03.2014	CMSE
25	Dr. AnuradhaSonker	Lecturer	04.03.2014	E&CED
26	Dr. Amita Nadal	Lecturer	04.03.2014	E&CED
27	Mr. Ashish Goswami	Lecturer	03.11.2014	E&CED
28	Mr. Mithun Mukherjee	Lecturer	14.03.2014	E&CED
29	Ms. Amandeep Kaur	Lecturer	17.11.2014	E&CED
30	Dr. Saurabh Kumar Pandey	Lecturer	17.11.2014	E&CED
31	Dr. Vishal Walia	Assistant Professor	17.08.2012	Mathmatics
32	Sh. Mukund Dutt Sharma	Lecturer	08.07.2014	MED
33	Mr. Ashwani Tayal	Lecturer	08.07.2014	MED
34	Mr. Saurabh Kango	Lecturer	08.07.2014	MED
35	Mr. Gurpreet Singh	Lecturer	17.07.2014	MED
36	Mr. Aman Hira	Lecturer	28.08.2014	MED
37	Ms. Shivani Chaudhary	Lecturer	04.03.2014	H&SS
38	Dr. Prakash Bhaudury	Lecturer	04.03.2014	H&SS
39	Dr. Nisha Kumari	Assistant Professor	23.08.2012	H&SS
40	Mr. Rajesh Kumar	Lecturer	10.09.2013	H&SS
41	Dr. Vijay Singh	Lecturer	31.07.2014	Chemical
42	Dr. AmitRai	Lecturer	14.11.2014	Chemical
43	Dr. Deepa Srivastava	Lecturer	17.11.2014	CEEE
44	Mr. Akshay Kumar Verma	Lecturer	15.12.2014	CEEE
45	Mr. Ruhit Singh Konwar	Lecturer	15.12.2014	CEEE

2.12.7 Staff Relieved on Lien (EOL/Deputation-cum-Study Leave)/QIP

Sr. No.	Name	Designation
1	Prof. R. L. Sharma	Professor
2	Prof. Lalit Kumar Awasthi	Professor
3	Prof. Rakesh Sehgal	Professor
4	Dr. Raman Parti	Professor
5	Dr. Y. K. Sood	Professor
6	Dr. Minakshi Jain	Professor
7	Mrs. Amanjeet Kaur	Assistant Professor
8	Er. K. S. Pandey	Associate Professor

3.0

DEPARTMENT OF CIVIL ENGINEERING1. **ACADEMIC STAFF**

Head Dr. Vijay Shankar Dogra
Ph.D

Faculty:

Professor	Associate Professor	Assistant Professor	Lecturer on contract
Prof. R.L.Sharma Ph.D. (On Deputation)	Dr. Pardeep Kumar Ph.D.	Dr. Umesh Kumar Pandey Ph.D.	Sh. Shashi Kant Sharma
Prof. V.K Sarda Ph.D.	Dr. R. S. Banshtu Ph.D.	Sh. Chander Prakash M. Tech. (Ph. D. Pursuing)	Sh. Sandeep Panchal
Prof. R.K.Sharma Ph.D.	Dr. Vijay Shankar Dogra Ph.D.	Dr. Hemant Kumar Vinayak Ph.D.	Er. Kritiza Sharma
Prof. Raman Parti Ph.D.	Dr Vijay Kumar Bansal Ph.D.	Dr. Sunil Sharma Ph.D	Sh. Mohsin Khan
Prof. R.K.Dutta Ph.D.		Dr. Dharmendra Ph.D.	Er. Sushma verma
		Dr. K. Nallasivam Ph.D.	Er. Rupali Sarmah
		Dr. Amrit Kumar Roy Ph. D.	Er. Anurag Sharma Er. Anupam Anand Bharti Er. Sumit Arora

2. DISTINCTION ACHIEVED:

By students:

- 22 students scored GATE 2017 above 95 percentile.
- Start Up by Abhimanyu Singh Kashyap.
- Admission of one student to IIM Ahmedabad.
- Annual technical workshop “SYGNET” under Society of Civil Engg. C-SOC.

By faculty Member:

Reviewers of journals/editorial by faculty :

1. Structural Engineering International, Journal of International association of Bridge and Structural Engineers, Zurich, Switzerland.
2. International Journal of Engineering, Ireland.
3. International Journal of Earth Sciences & Engineering (ISSN 0974-5904) *Indexed in CAS-USA- Reference No: 172238.*
4. Construction and Building Materials, Elsevier ISSN: 0950-0618.
5. Reviewer, Asian Journal Water, Environment and Pollution.
6. Reviewer, Highway Research Journal.
7. Reviewer, Journal of Indian Society of Remote Sensing.
8. Reviewer, IRC Journal.
9. Reviewer, Journal of Indian Highways.
10. International Journal of Civil Engineering.
11. American Society of Civil Engineers (ASCE).
12. International Journal of Project Management (Elsevier Science).
13. Automation in Construction, (Elsevier Science).
14. Construction Management and Economics (Taylor & Francis).
15. International Journal of Construction Management (Taylor & Francis).
16. Construction Innovation (Emerald).
17. Journal of Civil Engineering and Construction Technology.
18. Int. Journal of Civil Engineering by Institution of Engineers UK.
19. Structural Engineering and Mechanics-(Techno Press).
20. Nonlinear Dynamics-(Springer).
21. Earthquake Spectra-(EERI-California).
22. Latin American Journal of Solids and Structures-(Brazilian society of computational Mechanics).
23. Scientific Research and Essays.
24. ICFAI Journal of Structural Engineering.
25. International Journal of Geotechnical Engineering.
26. Editor-in-chief, Bioinfo International Journal of Information Systems Engineering.
27. Editor-in-chief, Bioinfo International Journal of Optimization Theory and Applications.
28. Chief Editor, World Research Journal of Civil Engineering.
29. Examiner, Rajasthan Technical University, Punjab Technical University, H.P. Technical University, NIT Kurukshetra.
30. Member, Board of Studies, Civil Engineering, HPTU, Hamirpur (HReviewer, International Journal of Water Resources Management (WARM).
31. Reviewer, Journal of Hydrology, Elsevier.
32. Member, Executive Committee, IWRS (2013-14, 2014-15, 2015-16).
33. M. Tech Dissertation Evaluation, Department of Civil Engineering, NIT Kurukshetra (August, 2015).

3. SEMINAR , SYMPOSIA , CONFERENCES, SUMMER SCHOOL , WINTER SCHOOL, SHORT TERM COURSES ORGANISED.

Sr. No.	Name of the Conference, STC's and Seminars Organised	Duration
1.	Landslide hazards and Related Phenomena” under Global Initiative of Academic Network (GIAN), in Civil Engineering Department, NIT Hamirpur.	16th – 20th May 2016
2.	Civil Engineering Conference-Innovation for Sustainability (CEC – 2K16), organized by Department of Civil Engineering, NIT Hamirpur (HP), TEQIP	September 9 th – 10 th , 2016

Participation in Conf./Seminar/Symposium/Workshop etc.

Name of faculty	Name of the paper / Conf./ Seminar/ Symp./ Workshop	Place and sponsored by	Dates
Dr. V.S.Dogra	Computation of vadoze zone moisture profiles for successive irrigation scheduling”, International Conference on Computational methods	University of California, Berkeley, USATEQIP-II	August 1 st -4 th , 2016,
Dr. Pardeep Kumar	Stiffness Based Assessment of Masonry Arch Bridges”, 7 th International Conference on Computational Methods	University of California, Berkeley, USATEQIP-II	August 1 st -4 th , 2016,
Dr. R.K.Sharma	Slope Stability Analysis using Monte - Carlo Simulation	University of California, Berkeley, USATEQIP-II	August 1 st -4 th , 2016,
Dr. V.K.Bansal	Identification and computation of space conflicts using geographic Information System	University of California, Berkeley, USATEQIP-II	August 1 st -4 th , 2016,
Vivek Kumar Maurya and Dr. Umesh Kumar Pandey	Negative stiffness device for seismic protection of structures -An analytical study and modelling	Proceeding of Civil Engineering Conference,NIT Hamirpur.	2016
Deep Kumar and Dr. Umesh Kumar Pandey	Study of bilinear columns in fire	Proceeding of Civil Engineering ConferenceNIT Hamirpur.	2016

Aman Chandel and Vijay Shankar	Soil erosion using revised universal soil loss equation and geographical information system for western himalayas watershed	Civil Engineering Conference-Innovation for Sustainability (CEC – 2K16), , organized by Department of Civil Engineering, NIT Hamirpur (HP),TEQIP-II	September 9 th – 10 th , 2016
Vipin Sharma, Arunava Poddar and Vijay Shankar	Performance evaluation of data-driven and statistical rainfall runoff models for a mountainous catchment	Civil Engineering Conference-Innovation for Sustainability (CEC – 2K16), organized by Department of Civil Engineering, NIT Hamirpur (HP),TEQIP-II	September 9 th – 10 th , 2016,
Ashish Dobhal and Vijay Shankar	Application of evolutionary computation technique in vadose zone soil moisture assimilation	Civil Engineering Conference-Innovation for Sustainability (CEC – 2K16), organized by Department of Civil Engineering, NIT Hamirpur (HP),TEQIP-II	September 9 th – 10 th , 2016,
Ashutosh Singh, Shankar Ghosh, Chandel Vikram S. and Dr. Vijay Shankar	Multivariate statistical analysis of groundwater for Unnao district, Uttar Pradesh.	Civil Engineering Conference-Innovation for Sustainability (CEC – 2K16),organized by Department of Civil Engineering, NIT Hamirpur (HP),TEQIP-II	September 9 th – 10 th , 2016
Saurabh Singh and Dr. Vijay Shankar	Stochastic modelling of rainfall at Pali district of Rajasthan	Civil Engineering Conference-Innovation for Sustainability (CEC – 2K16), , organized by Department of Civil Engineering, NIT Hamirpur (HP), pp 327-333, TEQIP-II	September 9 th – 10 th , 2016

Nitin Lakhera, Navsal Kumar and Dr. Vijay Shankar	Water balance study of beas river, Himachal Pradesh, using Arcgis technique (upto Pong Dam)	Civil Engineering Conference-Innovation for Sustainability (CEC – 2K16), , organized by Department of Civil Engineering, NIT Hamirpur (HP), pp 718-730, TEQIP-II	September 9 th – 10 th , 2016
Shekhawat K.P., Chauhan Tejasvi A., Chandel Vikram S. and Dr. Vijay Shankar	Inflow forecasting for Teesta - V reservoir, India, using ARIMA, ANN and ANFIS models. Civil Engineering Conference-Innovation for Sustainability (CEC – 2K16)	Civil Engineering Conference-Innovation for Sustainability (CEC – 2K16), , organized by Department of Civil Engineering, NIT Hamirpur (HP), pp 731-745, TEQIP-II	September 9 th – 10 th , 2016

4. PUBLICATIONS (INTERNATIONAL & NATIONAL):-

i) Publications in International Journals by faculties: 19

ii) Publications in National Journals by faculties: 04

(i) International Journal

1. Direct Strut-And-Tie Model For Reinforced Concrete Bridge Pier Cap, Dr. Hemant Kumar Vinayak, SivaaSenthil N.A.K, Pradeep Kumar T V, Mathematical Modelling in Civil Engineering, Vol. 12-No. 1: 1-8 - 2016, DOI: 10.1515/mmce-2016-0005. (June 2016).
2. Enhancing durability of adobe by natural reinforcement for propagating sustainable mud housing, Vandna Sharma, Bhanu Marwaha, Hemant K Vinayak, International Journal of Sustainable Built Environment, Vol 5, Issue 1, June 2016, Pages 141–155, doi:10.1016/j.ijse.2016.03.004.
3. Sharma, R. K., Hymavathi, J., (2016), “Effect of fly ash, construction demolition waste and lime on geotechnical characteristics of a clayey soil - a comparative study Environmental Earth Sciences, 75:377; 1-12 (DOI 10.1007/s12665-015-4796-6). (SCI Impact Factor 1.765).
4. Devatha, C.P., Shankar, V., and Ojha, C.S.P. (2016). “Assessment of Soil Moisture Uptake under Different Salinity Levels for Paddy Crop”. ASCE Journal of Irrigation and Drainage Engineering, DOI: 10.1061/(ASCE)IR.1943-4774.0001009, 1-10.
5. Kumar, S., and Bansal, V.K. (2016). “A GIS-based methodology for safe site selection of a building in a hilly region.” *Frontiers of Architectural Research*, 5(1), 39-51.

6. Ritika Semwal and Dharmendra (2016) "Environmental Concern and Threat Investigation Due to Malpractices in Biomedical Waste Management: A Review" International Journal of Advances in Science Engineering and Technology (IJASEAT) Vol.-4, Issue-2, 148-153, ISSN (Print) 2321-8991.
7. Ajay Chalotra and Dharmendra (2016) "Environmental Impact Assessment (EIA) Practices In Different Countries: A Review" International Journal of Modern Trends in Engineering and research Vol.-3, Issue-4, ISSN (Print) 2393-8161, Impact Factor 3.518 by SJIF.
8. Sachin Sankar and Dharmendra (2016) "Electrocoagulation for the treatment of water and waste water- A review" International Journal of Modern Trends in Engineering and research Vol.-3, Issue-4, , ISSN (Print) 2393-8161, Impact Factor 3.518 by SJIF
9. Bhanu M. Marwaha, Puneet Sharma, & Dharmendra (2016) "Investigating the Role of Multimodal Transport in Smart City Planning-Case of Shimla" Journal of School of Planning and Architecture SPANDRAL, Issue -11, P-29-37 ISSN:2231-4601.
10. Guleria, S.P. and Dutta R.K. (2016)," Tensile strength and toughness index of flyash-lime-gypsum mixed with dry/treated tire chips", Procedia Environmental Sciences, 35, 629-638.
11. Dutta, R.K. and Kumar, V (2016)," Suitability of flyash-lime-phosphogypsum composite in road pavements," Periodica Polytechnica Civil Engineering, 60(3), 455-469.
12. Sharma, S.S., Dutta, R.K. and Parti, R. (2016),"Geotechnical characterization of flyash-redmud mix stabilized with cement kiln dust", International Journal of Civil Engineering and Applications, 5(1), <http://rfgindia.com/Journals-Details.aspx?JRNLID=38>.
13. Khatri, V. N., Dutta, R. K., Venkataraman, G. and Shrivastava, R. (2016)," Shear strength behaviour of clay reinforced with treated coir fibres," Periodica Polytechnica Civil Engineering, 60(2), 135-143.
14. Dutta, R.K., Dutta, K. and Kumar, Sai. S. (2016),"Prediction of horizontal stress in underground excavations using artificial neural networks", International Journal of Civil Engineering and Applications, 5(1), <http://rfgindia.com/Journals-Details.aspx?JRNLID=38>
15. Dutta, R.K. and Gupta, R. (2016),"Prediction of unsoaked and soaked California bearing ratio from index properties of soil using artificial neural networks", International Journal of Civil Engineering and Applications, 5(1), <http://rfgindia.com/Journals-Details.aspx?JRNLID=38>.
16. Rajat Kango, M.A. Alam and Vijay Shankar (2017). "Investigations of wall effect on permeability through porous media at low flow rates". Water Supply and Technology: Water Supply. Ws2017113; DOI: **10.2166/ws.2017.113**

(ii) National Journal

1. Seismic analysis of well foundation by forced and displacement method, R N P Singh, Hemant

2. Damage Identifications in a Through Type Steel Truss Bridge Model, Suresh Kumar Walia, Hemant Kumar Vinayak, Ashok Kumar, Raman Parti. Journal of the Indian National Group of the International Association for Bridge & Structural Engineering. (Accepted).
3. Lavanya G., Khatri V.N. and Dutta R.K. (2016),”Effect of stabilised granular column on the pressure settlement behaviour of clay”, Indian Journal of Geosynthetics and Ground Engineering, 5(2), 3-15.
4. Khatri V.N., Kumar M. and Dutta R.K. (2016),” Effect of chemically treated coir fibres on the strength characteristics of clay”, Indian Journal of Geosynthetics and Ground Engineering, 5(1), 11-23.

5. Expert Lectures Delivered:

Sr. No.	Topic	Lecture Organized By	Name of Expert	Institute/ Organisation
1.	Transportation system & Sustainable Construction Practices	Dr. V.K.Bansal	Prof. S.K.Dhingra	From IIT Bombay lecture given at NIT Hamirpur
2.	Expert Lecture on “Road Sector in India– Opportunities and Challenges” for students and faculty	Dr. V.S.Dogra	Mr. Bovin Dhiman	From Ramboll , New Delhi, lecture given at NIT Hamirpur

6. CONSULTANCY SERVICES:-

Sr. No.	Name of The Test	Sponsored Agency	Amount
1.	Routine Testing of Cement , Aggregate Samples	HPPWD, IPH, SJVNL, Power Grid Corporation of India, Unipro Techno,	Rs. 1,28,01,583
2.	Field Testing of Soil Bearing Capacity and Testing of Various soil Samples	HPPWD, IPH, SJVNL, Power Grid Corporation of India, Unipro Techno,	
3.	Design of Multistoried building	HPPWD, IPH, SJVNL, Power Grid Corporation of India, Unipro Techno,	
4.	Routine testing of CBR, Bitumen, Coarse Aggregate	HPPWD, IPH, SJVNL, Power Grid Corporation of India, Unipro Techno,	
5.	STA for PMGSY	Ministry of Rural Roads Government of India	

**7. M. Tech Dissertation Guidance:-
M.Tech Complete in 2016.**

(M.Tech)	Guide	Name of the Student	Brief report
Geotechnical Engineering	Dr. R.K. Sharma	Mr. Tanmay Sharma 14M105	Completed
		Ms. Amrit Kaur 14M112	Completed
		Mr. Deepak Kumar Patial 14M113	Completed
	Dr. R.K. Dutta	Mr. Singasani Sai Kumar, 14M102	Completed
		Mr. Roushan Kumar 14M108	Completed
		Mr. Sanjay Kumar 14M110	Completed
		Arushi Gupta 14M111	Completed
		Rajinder Gupta 14M114	Completed
	Dr. Vishwas Khatri	Mr. Shamim Akhtar 14M101	Completed
		Mr. Deepak Singh 14M103	Completed
		Mr. Vikram Singh 14M107	Completed
		Mr. Rahul Doley 14M109	Completed
Structural Engineering	Dr. Pardeep Kumar	Mr. Lalit Mohan Bahuguna 14M130	Completed
		Mr. Udit Kumar 14M122	Completed
	Dr. Vijay Kumar Bansal	Mr. Bhavesh Kumar Jha 14M126	Completed
	Dr. U.K. Pandey	Mr. Vivek Kumar Maurya 14M119	Completed
		Deep Kumar 14M125	Completed
	Dr. H.K. Vinayak	Mr. Jitendra Vijay Kumar Megh 14M117	Completed
		Mr. Divyanshu Mishra 14M118	Completed
		Mr. Argha Ghosh 14M120	Completed

	Dr. K. Nallasivam	Mr. Pothireddy Chandramohn 14M121	Completed
		Mr. Prem Chandra 14M123	Completed
		Mr. Avdesh Badgal 14M124	Completed
	Dr. A.K. Roy	Mr. Vinay Kumar Pandey 14M116	Completed
		Mr. Dhiraj Ghosh 14M127	
		Mr. Manish Kumar 14M129	
Transportation System Engineering	Dr. Raman Parti & Somesh Sharma	Deep Jyoti Dass 14M131	Completed
	Dr. Raman Parti	Vipul Pareek 14M134	Completed
		Mr. Kshitish Jaiswal 14M137	Completed
		Mr. Rohit Panwar 14M140	Completed
	Dr. Raman Parti & Sandeep Panchal	Ms. Sonia Sharma 14M143	Completed
	Dr. Sunil Sharma	Mr. Koduri Nagarjuna Kumar 14M132	Completed
		Mr. Aditya Agarwal 14M135	Completed
		Mr. Arun Krishna 14M138	Completed
		Mr. Anoop Singh 14M144	Completed
		Mr. Prabhjot Singh gandhi	Completed
	Dr. Shashi Kant Sharma	Mr. Vishal Sudan 14M133	Completed
		Mr. Pranav Gairola 14M16	Completed
		Mr. Vishal Kundal 14M139	Completed
		Sami Ahmed 14M142	Completed

Water Resources Engineering	Dr. V.K. Sarda	Mr. Girish Dewangan 14M147	Completed
		Mr. Abhimanyu Singh 14M151	Completed
		Mr. Mikhil Unnikrishan 14M152	Completed
	Dr. Vijay Shankar Dogra	Mr. Saurabh Singh 14M149	Completed
		Mr. Aman Chandel 14M153	Completed
		Mr. Ashish Dobhal 14M150	Completed
Environment Engineering	Dr. Dharmendra	Ms. Nimisha Anna Jacob 14M 155	Completed
		Mr. Ajay Chalotra 14M162	Completed
		Ms. K Ann Maria 14M163	Completed
		Ms. Ritika Samwal 14M164	Completed
		Mr. Sachin Sankar 14M167	Completed
	Dr. S.S. Katoch	Mr. Boney Anna Joseph 14M156	Completed
		Mr. Nitin Parseria 14M160	Completed
		Mr. Sanjeev Kumar Ray 14M166	Completed
		Ms. Kowtarapu Manasa 14M157	Completed
	Dr. Mamta Awasthi	Ms. Esther Vanlalmawii 14M161	Completed
	Dr. S.S. Katoch	Mr. Pradeep Kumar 14M158	Completed
		Mr. Vipul Chakradhar 14M159	Completed
		Ms. Meetanshi Garg 14M165	Completed

M. Tech Admission in 2016

(M.Tech)	Guide	Name of the Student	Brief report
Geotechnical Engineering	Dr. R.K. Sharma	Gopal Verma 16M101	On Going
		Saurva Kumar 16M102	On Going
		Ajay Sharma 16M103	On Going
		Gaurav Dubey 16M105	On Going
		Pawan Josh 16M106	On Going
		Anoop Sharma 16M108	On Going
	Dr. R.K. Dutta	Vishal Panwar 16M110	On Going
		Ashfaq Ahmad Saqi 16M111	On Going
		Gaurav Sharma 16M116	On Going
		Prabhat Kumar 16M109	On Going
		Vaibhav Choudhary 16M104	On Going
		SailendraRathaur 16M107	On Going
Structural Engineering	Dr. Pardeep Kumar	Vikrant Sharma 16M122	On Going
		Sandeep 16M123	On Going
	Dr. Vijay Kumar Bansal	Kamlesh Tailor 16M130	On Going
		Aman Choudhary 16M133	On Going
	Dr. U.K. Pandey	Mahesh Chandra Singh 16M128	On Going
		Ahmad Waqar 16M131	On Going
	Dr. H.K. Vinayak	ShammiSani 16M125	On Going
		Narendra Yadav 16M129	On Going
	Dr. K. Nallasivam	Nishant Kuamr 16M126	On Going
		Sougata Mukherjee 16M127	On Going

	Dr. A.K. Roy	Adarsh Kumar Manwal 16M124	On Going
		Aslam Aziz 16M133	On Going
Transportation System Engineering	Dr. Sunil Sharma Dr. Shashi Kant Sharma Er. Sandeep Panchal	Mr. Rahul Jain 16M141	On Going
		Ms. Ayushi Raizada 16M142	On Going
		Mr. Narender Kumar 16M143	On Going
		Mr. MdTaiyab Jawed 16M144	On Going
		Mr. Pawan Kumar 16M145	On Going
		Mr. Gyandeep Singh Arya 16M146	On Going
		Ms. Anjali Balab L 16M147	On Going
		Mr. Praveen Bhardwaj 16M148	On Going
		Mr. Anupam .B.R 16M149	On Going
		Mr. Aditya Upadhya 16M150	On Going
		Mr. Aniruddha D. Chopadekar 16M151	On Going
		Mr. Bhatia Samarth Yogesh 16M152	On Going
		Mr. Navraj parajuli 16M153	On Going
		Mr. Deval Gupta 16M154	
		Amit Kumar 16M155	On Going
Water Resources	Dr. V.K. Sarda Dr. V.K. Sarda & Ms. Kalpana	Parveen Kumar 16M164	On Going
		Ishwar Chand 16M166	On Going
		BhabhatoshHazarika 16M169	On Going
		Gaurav Dhiman 16M172	On Going
		Rahul Pal 16M165	On Going

	Dr. V.S . Dogra	Mr.NitshMahant 16M161	On Going
		Ms.Akshika 16M162	On Going
		Mr. Saurav Saini 16M163	On Going
		Ms.Snigdha Pandey 16M168	On Going
		Mr.Abishek Kumar 16M173	On Going
	Dr. V.S. Dogra & Ms. Kritiza Sharma	Abhishek Singh 16M170	On Going
		Anurag Singh 16M171	On Going

Ph.D. Admission:-

S.No.	Name of Student	Thesis Title	Status	Name of Guide
1	Mr. Rajat Kango	Ground water Modeling	(Full Time without Scholarship)	Dr. Vijay Shankar Dogra
2	Mr. Amit Thakur	-	(Full Time without Scholarship)	Dr. Umesh Kumar Pandey
3.	Mr.Adarsh Thakur	-	(Full Time without Scholarship)	Dr. R.K. Dutta
4.	Mr. Anshul Sharma	-	(Full Time without Scholarship)	Dr. H.K. Vinayak, Dr. Pardeep Kumar & Dr. Suresh Kumar Walia
5.	Mr.Akhilesh Kumar	-	(Full Time without Scholarship)	Dr. R.K. Sharma & Dr. Vijay Kumar Bansal
6.	Vivek Sharma	-	(Part-time)	Dr. Pardeep Kumar & Dr. R.K. Sharma
7.	Mr. Karan Singh	-	(Full Time with Scholarship)	Dr. Dharmendra
Admissions in January-2017				
1.	Mr. Virajan	-	(Full Time with Scholarship)	Dr. K.Nallasivam

Ph.D Award 2016-17				
1.	Mr. Suresh Kumar Walia	Structural Health Assessment of Bridges Using Modal Parameters	Par-Time	Dr. H.K. Vinayak & Dr. Raman Parti
2.	Mr Raj Narain Prasad Singh	Comparative Study of Seismic Design Methods for Bridge Pier	Part-Time	Dr. H.K. Vinayak
3.	Mr. Sunil Kumar Sharma	Location based Planning of Highway construction projects in Hilly Terrain Using GIS	Part-Time	Dr. Vijay Kumar Bansal & Dr. Raman Parti
4.	Mr. Satish Kumar	GIS based Methodology for Safe Site Selection and Construction Site Layout Planning in Hill Regions	Part-Time	Dr. Vijay Kumar Bansal

8. No. of R&D Projects (completed and in-progress):

Sr. No.	Title of Project	Funding Agency & Amount Sanctioned	Allotment Year	Present Status of the Project/PI	Name of PI or Co-PI
1.	Mitigating Climate Change Impacts on Indian Agriculture Through Improved Irrigation Water Management	Ministry of Earth Sciences –GOI , Natural Environment Research Council - UK (International Collaborative Project)Rs. 600 Lacs (NIT Hamirpur Rs. 29.6 Lacs)	2012	Completed	Dr. V.S. Dogra
2.	Developing GIS Based Regional Landslide Inventory and Probabilistic Model for Risk Assessment	DST , GOI RS.15.38 Lakh	2014	Completed	Dr. R.S.Banshtu
3.	Providing Safe Critical infrastructure in Hazard prone area of HP	RS. 8.10 Lakh	2016	In Process	Dr. Pardeep kumar
4.	Uplift Capacity of Granular Pile Anchors in Reinforced Stabilized Expansive Soil	TEQIP-II Rs. 0.4 Lakh	2016 (6 Months)	Completed	Dr. R. K. Sharma

5.	Sustaining Himalayan Water Resources in a Changing Climate (SusHi-Wat)	Newton Bhabha Fund Ministry of Earth Sciences, GOI - Natural Environment Research Council-UK (International Collaborative Project) (Rs. 56.8 Lacs)	2016	In process	Dr. V.S.Dogra
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9. **DETAIL OF LABORATORIES:**

Sr. No.	NAME OF LABORATORY
1	Geotechnical Laboratory
2	Structure Laboratory
3	Irrigation & Hydraulics Laboratory
4	Flume Laboratory
5	Concrete Laboratory
6	Foundation Engineering Laboratory
7	Surveying Laboratory
8	Transportation Laboratory
9	Geology Laboratory
10	Remote Sensing & GIS Laboratory
11	Computation Laboratory
12	Environmental Engineering Lab

DEPARTMENT OF ELECTRICAL ENGINEERING



1. ACADEMIC STAFF:

Head: Dr. Zakir Hussain
Ph.D

FACULTIES:

Professor	Associate Professor	Assistant Professor
Dr. Y. R. Sood Ph. D	Dr. Zakir Hussain Ph. D	Er. Himesh Handa M. Tech.
Dr. Sushil Chauhan Ph. D	Dr. Ravinder Nath Ph. D	Dr. Amit Kaul Ph.D
Dr. Ram Naresh Sharma Ph. D	Dr. (Mrs.) Veena Sharma Ph. D	Er. Rajesh Kumar M. Tech.
Dr. Ashwani Kumar Chandel Ph. D	Dr. R. K. Jarial Ph. D	Er. Bharti Koul M. Tech.
	Dr. Bharat Bhushan Sharma Ph.D	Dr. Manisha Sharma Ph.D
	Dr. O. P. Rahi Ph. D	Dr. Chandrasekaran S. Ph.D

2. DISTINCTION ACHIEVED:**(a) By Student: 73.49 placement of the 2016-17 batch students****3. SEMINAR SYMPOSIA, SUMMER SCHOOL, WINTER SCHOOL, SHORT TERM COURSE:****a) Conducted in the Department:**

Sponsoring Agency	Name of the Coordinator	Title of the Seminar/Symposia etc.	Duration	Venue
TEQIP-II	Dr. R. Nath, Dr. B.B. Sharma and Dr. Amit Kaul.	One week STC for faculty on Digital Signal Processing with Application in MATLAB (DSPAM)	July 18-23, 2016	NIT Hamirpur (H.P.)
TEQIP-II	Dr. Ashwni Kumar, Dr. R.K. Jarial, Dr. Naveen Sharma	School on Power Quality in Deregulated Power System with MATLAB Application (PQDPS-16)	6 th – 11 th June, 2016	NIT Hamirpur

b) Participated by Faculty members:

Name of the Staff	Course/Seminar	Organization	Duration	Venue
Dr. B B Sharma	National Conference for awareness on National Academic Depository (NAD)	MHRD, Department of Higher Education, Government of India	09/09/2016	Vigyan Bhavan (New Delhi)
Dr. B B Sharma	National Conference for awareness on National Academic Depository (NAD)	MHRD, Department of Higher Education Government of India	07/10/2016	Jamia Millia Islamia New Delhi
Dr. B.B. Sharma	National workshop on Examination Reform in Higher Education Choice Based Credit System (CBCS): Potential and Challenges	Association of Indian Universities, New Delhi & Department of Education, Central University of Haryana	09/11/2019 to 11/11/2016	C.U. Of Haryana Mahendergarh

Dr. Amit Kaul	Biomedical Engineering Harmonizing the research and Curricula	SLIET	20/09/2016 to 01/10/2016	NIT, Hamirpur
Ms. Bharti Koul	Digital Signal Processing with Applications in MatLab (DSPAM-2016)	TEQIP	18/07/2016 to 23/07/2016	NIT, Hamirpur

4. RESEARCH:

(a) Research Scheme

Title of the Scheme	Sponsored by	Assistance Received (Rs.) in lakh.	Investigator	Brief Report
Optimal automatic generation control of interconnercted power system using Metaheuristic approaches	CSIR India	Two Installments has been received (approx. 6 lacs)	Dr. Veena Sharma	This Problem of optimal automatic generation control of interconnected power systems has been solved using different control techniques and tuning of parameters of controllers is done using different metaheuristic approaches.
Performanc evaluation and health assessment of transformers	TEQIP-II	1.52	Chilaka Ranga and Ashwani Kumar	Completed

(b) Research Publication: –

Research Papers Published in National and International Journals/Confrenaces:

1. Singh, V.K. Sharma, V. Sharma, BB and Nath, R, 2016. Synchronisation of different order chaotic systems with delay and parametric uncertainty. *International Journal of Applied Nonlinear Science*, 2(3), pp. 184-199.
2. Jaswal, Gaurav, Aditya Nigam and Ravinder Nath. "Finger Knuckle image based Peersonal Authentication using Deep Matching". *In Identify, Security and Behavior Analysis (ISBA), 2017 IEEE International Confrence on*, pp. 1-8. IEEE, 2017.

3. Jaswal, Gaurav, Aditya Nigam and Ravinder Nath, "Deepknuckle: revealing the human identity". *Multimedia Tools and Application* (2017): 1-30.
4. Sharma, Vivek, BB Sharma, and R. NATH. "Reduce order unknow input observer for discrete time system". *In region 10 Conference (TENCON), 2016 IEEE*, pp. 3443-3446. IEEE, 2016.
5. Jaswal, Gaurav, Amit Koul and Ravilnder Nath. "Knuckle Print Biometrics and Fusion Schemes Overview, Challenges, Solutions". *ACM Computing Surveys (CSUR)* 49, no. 2 (2016): 34
6. Sharma, V.V. Agrwal, B.B. Sharma, and R. Nath. "Unknow input nonlinear observer design for continuous and discrete time systems with input recovery scheme". *Nonlinear Dynamics* 85. No.1 (2016): 645-658.
7. Naddakuditi, Gouthamlumar, Veena Sharma, and Ram Naresh . "Non-dominated sorting disruption based gravitational search alogrithum with mutationscheme for multi objective short term hydrothermal scheduling". *Electric power components and systems* 44.no. 9(2016): 990-1004.
8. Nadakuditi, Gouthamkumar, Veena Sharma and Ram Naresh. "Application of non- dominated shorting Gravitational Search algorithm with disruption Opertor for stochastic multi objective short term hydrothermal scheduling". *IET Generation, Transmission & Distribution* 10, no. 4(2016): 862-872.
9. Gouthamkumar, N., Veena Sharma, and R. Naresh. " Hybridized Gravitational search algorithm for short term hydrothermal scheduling". *IETE Journal of research* 62, no. 4 (2016): 468-478.
10. Pulluri, Harish, R. Haresh & Veena Sharma. "Application of stud krill herd algorithm for optimal power flow problems". *Soft Computing* (2016): 1-18.
11. Pulluri, Harish, R. Haresh & Veena Sharma. "Application of stud krill herd algorithm for solution for optimal power flow problems". *International Transaction on Electrical Energy System* 27, no. 6(2017).
12. Pulluri, Harish, R. Haresh & Veena Sharma. "An Enchanced self-adaptive differential evolution based solution methodology for multiobjective optimal power flow". *Applied Soft Computing* 54 (2017): 229-245.
13. Dahiya, Preeti, Veena Sharma, and Ram Naresh. "Automatic Generation control using disrupted oppositional based gravitational search algorithm optimized sliding mode controller under deregulated environment". *IET Generation, Transmission & Distribution* 10, no. 16(2016): 3995-4005.
14. Dahiya, Preeti, Veena Sharma, and Ram Naresh. "Hybridized search algorithm tuned sliding mode controller design for load frequency control system with doubly fed induction generator wind turbine". *Optimal Control Applications and Methods* (2017).
15. Singhal, P.K., R. Naresh and Veena Sharma. "Comparative Performance of Artificial Bee Colony Based Algorithms for Wind-Thermal Unit Commitment." *World Acadmemy of Science, Engineering and Technology, International Journal of Electrical, Computer, Energetic and Communication Engineering* 10, no. 8(2016): 1010-1021.
16. Kumar, Pankaj, pratyush Chauhan and Veena Sharma. "Optimal Design of PhD Controller for a CSTR System using Human Dynamain Opinion Algorithm. " *Imperial Journal of Interdisciplinary Research* 2, no. 5(2016).
17. Chauhan, Pratyush, and Veena Sharma. "a Novel Technique for the Control of Processes with long dead time by Smith Predictor using Gravitational Search Algorithm". *Imperial Journal of Interdisciplinary Research* 2, no. 5(2016).
18. Pulluri, Harish, R. Naresh and Veena Sharma. " A New colliding bodies optimization for solving optimal Power flow problem in Power System". *In Power System (ICPS), 2016 IEEE 6th International Conferenace on pp. 1-6. IEEE, 2016.*

19. Murthy, K.S. R., and O.P. Rahi. "A Comprehensive review of Wind resource Assessment". *Renewable and Sustainable Energy Reviews* 72 (2017): 1320-1342.
20. Murthy, K.S. R., and O.P. Rahi. "Preliminary assessment of wind power potential over the coastal region of Bheemunipatnam in northern Andhra Pradesh, India". *Renewable Energy* 99 (2016): 1137-1145.
21. Ram, Sita, O.P.Rahi and Veena Sharma. "A Comprehensive literature review on slip power recovery drive". *Renewable and Sustainable Energy Reviews* 73 (2017): 922-934.
22. Bhatt, Nimish, O.P.Rahi and Nitish Bhardwaj. "A novel methodology for power transformer differential protection by incorporating artificial neural network". In *Electrical Power and Energy Systems (ICEPES), International Conference on*, pp. 68-74. IEEE, 2016.
23. Sonkar, Preeti and O.P. Rahi. "Unified tuning of PID-Derivative Filter load frequency controller for two area interconnected system including wind power plant". In *Electrical, Computer and Electronic Engineering (UPCON), 2016 IEEE Uttar Pradesh Section International Conference on*, pp. 388-393. IEEE, 2016.
24. Ram, Sita, O.P. Rahi and Veena Sharma. "Analysis of Induction motor drive using buck-boost controller slip power recovery scheme". In *Power Electronics, Intelligent Control and Energy Systems (ICPEICES), IEEE International Conference on*, pp. 1-6. IEEE, 2016.
25. Rao, U Mohan, Yog Raj Sood and Raj Kumar Jarial. "Oxidation stability enhancement of a blend of mineral and synthetic ester oils". *IEEE Electrical Insulation Magazine* 32, no. 2 (2016): 43-47.
26. Banshwar, Anuj, Naveen Kumar Sharma, Yog Raj Sood and Rajnish Shrivastava. "Market based procurement of energy and ancillary services from Renewable Energy Sources in deregulated environment". *Renewable Energy* 101 (2017): 1390-1400.
27. Rao, U. Mohan, Yog Raj Sood, and Raj Kumar Jarial. "Performance analysis of alternate liquid dielectrics for power transformers". *IEEE Transaction on Dielectrics and Electrical, Insulation* 23, no. 4 (2016): 2475-2484.
28. Banshwar, Anuj, Naveen Kr Sharma, Y. R. Sood and Rajnish Shrivastva. "Optimal approach for efficient utilization of renewable energy sources in Power system." In *Electrical, Electronics and Computer Science (SCEECs), 2016 Students' Conference on*, pp. 1-6. IEEE, 2016.
29. Basetti, Vedik, and Ashwani Kumar Chandel. "Power System static state estimation using a least winsorized square robust estimator". *Neurocomputing* 207 (2016): 457-468.
30. Basetti, Vedik, Ashwani K. Chandel. "Optimal PMU placement for Power System observability using Taguchi binary bat algorithm". *Measurement* 95 (2017): 8-20.
31. Ragra, Chilaka, Ashwani Kumar Chandel, and Rajjeevan Chandel. "Performance Analysis of Alternative Solid dielectrics of Power Transformers with a Blend of Mineral and Silicon Oils". *IETE Technical Review* (2017): 1-11.
32. Preeti, Veena Sharma, R. Naresh, Prateek Kumar Singhal, "Opposition based gravitational search algorithm optimized proportional integral derivative controller for automatic generation control," in National Conference on Advancements in Electrical Engineering and Energy Sciences (AEEES), National Institute of Technology, Hamirpur, Himachal Pradesh, India, 24-25th May 2016 pp. 259-263.
32. Prateek K. Singhal, R. Naresh, Veena Sharma, Harish Pulluri, "Optimal wind thermal generation scheduling using genetic algorithm," in National Conference on Advancements in Electrical Engineering and Energy Science (AEEES), National Institute of Technology, Hamirpur, Himachal Pradesh, India, 24-25th May 2016 pp. 269-274.

33. Prateek K. Singhal, R. Naresh, Veena Sharma, Harish Pulluri, “ Optimal wind thsermal gerneation scheduling using genetic algorithm,” in National Conference on Advancements in Electrical Engineering and Energy Science (AEEES), National Institute of Technology, Hamirpur, Himaachal Pradesh, India, 24-25th May 2016 pp. 269-274.
34. Goutham Kumar N, Veena Sharma, R. Naresh, Preeti, “Bio-geography based optimization approach for fixed head short term hydrothermal scheduling problem,”in national Conference on Advancements in Electrical Engineering and Energy Sciences (AEEES), National Institute of Technology, Hamirpur, Himachal Pppppradesh, India, 24-25th May 2016, pp. 224-229.
35. Harish Pulluri, R. Naresh and Veena Sharma and N. Gouthamkumar, “Solution of optimal power flow problem using colliding bodies optimizxation,” in National Conference on Advancements in Electrical Engineering and Energy Sciences (AEEES), National Institute of Technology, Hamirpur, Himachal Pppppradesh, India, 24-25th May 2016, pp. 241-246.
36. N. Goutham Kumar, Veena Sharma, R. Naresh (2016). “Application of nondominated sorting gravitational search algorithm with disruption operator for stochastic multiobjective short term hydrothermal scheduling” IET Generation Trasmission and Distribution, Vol. 10, No. 4,pp. 862-872.
37. N. Goutham Kumar, V. Sharma, R. Naresh (2016). Nondominated sorting disruption based gravitational search algorithm with mutation scheme for multiobjective short term hydrothermal scheduling” Electric Power Components and systems, DOI: 10.1080/15325008.2016.1147106.
38. Harish Pulluri, R. Naresh and Veena Sharma (2016). “ A solution network based on stud krill herd algorithm for optimal power flow problems” Soft Computing, DOI:m 10.1007/s00500-016-2319-3.
39. P. Dahiya, V Sharma and R. Naresh. (2016).” Automatic Generation control using disrupted oppositional based gravitational search algorithm optimized sliding mode controller under deregulated environment” IET Generation, Transmission & Distribution, DOI: 10.1049/ietgtd.2016.0175.
40. Harish Pulluri, R. Naresh and Veena Sharma (2016). “Apppication of stud krill herd algorithm for solution of optimal power flow problems” International Transection of Electrical Energy System, DOI: 10.1002/etep.231.
41. Preeti, V. Sharma and R. Naresh. (2017). “ Hybridized gravitational search algorithm tuned sliding mode controller design for load frequency control system with doubly fed induction generation wind turbine”. Optimal Control Application and Methods DOI: 10.1002/oca.2305.
42. H. Pulluri, R. Naresh and Veena Sharma (2017). “An enhanced self-adaptive differential evolution with mixed crossover for multiobjective optimal power flow problem”. Applied Soft Computing Vol. 54, pp. 229-245.

Doctoral Programme: Yes
Ph. D. Degree awarded: 04

DOCTORAL PROGRAMME:

S. No.	Title	Guide	Name of the Student	Brief report
1	Investigations using meta- heuristic based approaches to solves unit commitment problems	Dr. .R. Naresh Dr. Veena Sharma	Prateek Kumar Singhal	Mr. Prateek Kumar Singal worked for three and half years on this problem and solved various types of unit commitment problems found in literature
2	Hybrid gravitational search algorithm based solution methodology for short term hydrothermal scheduling problems	Dr. Veena Sharma Dr. R. Naresh	Goutham Kumar Nadakuditi	Mr. Goutham kumar Nadakuditi worked for three and half years on this problem and solved various types of hydrothermal scheduling problems found in literature
3	Wide Area Monitoring of Power System Using Phasor Measurement Units	Dr. Ashwani Kumar	B. Vedik	Awarded in November,2016
4	Performance Analysis of Slip Power Recovery Drive	Dr. Veena Sharma & Dr. R. N. Sharma	Gautham Kumar	Completed
5	Non-Liner Control and Synchronization of Dynamical Systems	Dr. Bharat Bhushan Sharma	Er. Himesh Handa	Submitted
6	Wireless Sensor Network Enery Efficient Mote Traaner Issues	Dr. R.K. Jarial	Sh. Vivek Dubey	Completed
7	Ph.D Dissertation	Dr. Bharat Bhushan Sharma & Dr. R. Nath Sharma	Sh. Vivek Sharma	In Progress
8	Ph.D Dissertation	Dr. R.N. Sharma	Harish Pulluri	Submitted
9	Ph.D Dissertation	Dr. Veena Sharma	Preeti	Submitted
10	Ph.D Dissertation	Dr. Ashwani Chandel	Chilaka Rangra	In Progress

11	Ph.D Dissertation	Dr. Ravinder Nath Sharma	Gaurav Jaswal	In Progress
12	Ph.D Dissertation	Dr. O.P.Rahi	Sreerama Murthy Kella	In Progress
13	Ph.D Dissertation	Dr. Y. R. Sood	Anuj Banshwar	Submitted
14	Ph.D Dissertation	Dr. Bharat Bhusan Sharma	Manoj Kumar Shukla	InProgress
15	Ph.D Dissertation	Dr. R.K. Jarial	Mohan Rao Ungarala	Completed
16	Ph.D Dissertation	Dr. Y.R. Sood	Digambar Singh	Submitted
17	Ph.D Dissertation	Dr. O.P. Rahi & Dr. Veena Sharma	Sita Ram	In Progress
18	Ph.D Dissertation	O.P. Rahi	Preeti Sonkaar	In Progress
19	Course work	Dr. Yog Raj Sood	JAasmine Kaur	In Progress
20	Ph.D Admission-2017	Dr. Amit Kaul	Mr. Akhil Walia	New Admission-2017
21	Ph.D Admission-2017	Dr. R.K. Jarial	Mr. Shafqut N. Mughal	New Admission-2017

M. Tech. Thesis Completed : 39 Students

S. No.	Roll No.	Name	Title
1	14M201	Bharat Singh	Modeling and analysis of saturated synchronous machines under short circuit conditions
2	14M202	Birender Singh	Power loss minimization in Distribution System by enchaced reconfiguration method
3	14M203	Deepika Negi	Wind-Thermal Unit Commitment using Improved Binary PSO considering Wind Power Uncertainty and emission
4	14M 204	P. Naveen	Economic dispatch and optimal power flow using symbiotic organismsw search
5	14M205	Kalpna Topwal	Distribution system reconfiguration using SPSO in presence of DGs.
6	14M206	Gourav Sharma	Multi Area Economic Dispatch using Dynamic particles Swarm Optimization
7	14M207	Juttu Tejeswara Rao	Optimal Power Flow using Particle Swarn Optimization
8	14M208	Pandi Srihani	Efficient Use of Renewable Energy Sources in Microgrid
9	14M209	Ritu Jain	Experimental Model of Open Access Same Time Information System for Deregulated Power Sector
10	14M210	Gumma Goopichand	Optimal Power Flow using Ant colony Optimazation

11	14M211	Akhilesh kumar Barnmal	Optimal Location of Distribution Generation with Minimization of Distribution Losses
12	14M212	Rohit Chirag Vasanbhai	Transient Analysis of Self-Excited Induction Generation with Electronic Load Controller
13	14M213	Kapil Chauhan	Steady state voltage stability analysis by extended bus type load flow method
14	14M214	Anjali Sharma	Power system voltage stability assessment based on branch active power flow
15	14M215	Anjali Sharma	Stability analysis of Doubly Fed Induction Generation Coupled with Wind Turbine
16	14M226	Vineet Kumar	Image Inpainting based on Partial Equations
17	14M227	Navin Kumar Singh	Face Recognition using PCA and DCT
18	14M228	Sharad Mathur	State estimation using Kalman Filtering and its variants
19	14M229	Chitter Rekha	Transformation based approaches for Copy-Move Image Forgery Detection
20	14M230	Tanvi Kaushal	Image Steganography in Frequency Domain
21	14M231	Lucky	Optimal Tuning of PID Controller for CSTR using Human Opinion Algorithm
22	14M232	Avinash Kumar	Nonlinear system identification using soft computing
23	14M233	Pankaj Kumar	Analysis of time delayed processes using Smith Predictor
24	14M234	Akbar Ali	Synchronization of a class of integer order and fractional order chaotic systems using derivative control
25	14M235	Akhil Walia	Spectrum Sensing Schemes in Cognitive Radio Network
26	14M236	Sameer Kumar	Hybrid Synchronization of integer order and fractional order hyperchaotic systems
27	14M237	Pratyush Chauhan	Hamiltonian Observers and applications to Synchronization
28	14M238	Shilvam Gujral	Analysis of Linear/Nonlinear processes using Model Predictive Control
29	14M239	Batreddy Subba Reddy	Pinning control of coupled complex networks
30	14M252	Santanu Kumar Seth	To investigate Power transformer health through insulation analyser
31	14M253	Sanjay Kumar Agasti	Analysis And Reduction of inrush current in transformer
32	14M254	Katru Subrahmanyam	To investigate Power transformer ageing studies by thermal stress
33	14M255	K. Pavan Kumar	To investigate PD Modeling & impact on Ageing of power transformers
34	14M256	Kuldeep Kumar Banshal	Aging Analysis and diagnostic of power transformer insulation with inhibitors

35	14M257	Nitish Kumar	Investigation into Seasonal Influence on the Substation Grounding Grid Performance and its Optimal Design to Neutralize the Influence
36	14M259	Nitika Ghosh	Fuzzy logic based analysis of dissolved decay content in transformer oil
37	14M260	Mr. Nimish Bhatt	Protection of power transformer using Artificial Intelligence
38	14M261	N. Sudheer Reddy	To investigate condition monitoring of insulation using Artificial Intelligence
39	14M262	Gaurav Upadhyay	To study design, simulation & performance aspects of triangular core in Power transformer

Sr.No.	Date	Speaker	Topic
1.	Sep 28, 2016	Er. Shailesh Purohit	Impact of High Temperature Stresses on Aging of Insulation

6. TECHNICAL ASSOCIATION/SOCIETIES: Electrical Engg. Society.

- a. Technical association/societies: Member IEEE:- 92165028, Fellow IE(INDIA):F-121436-1 (Dr. R.N. Sharma).
- b. Member ISTE:LM20570;Fellow IE(INDIA):F-116687-1;ISI:LM728 (Dr. Veena Sharma).
- c. Life Membership of ISTE (LM38011)/Member IEEE, USA/Member IEEE Automatic Control Society (Membership No. 90499500)/ Member Robotic Society of India (RSI) (Dr. BB Sharma).
- d. IEEE, ISTE, IETE, Metrology Society of India (Dr. A.K. Chandel).

7. DETAIL OF THE LABORATORIES:

Sr.No.	Name of the Laboratory
1	Basic Electrical Engineering lab.
2	Circuit Theory lab.
3	Power Electronics lab.
4	Power System lab.
5	High Voltage lab.
6	Electrical Machine lab.
7	Measurement & Instrumentation lab
8	Control Engineering lab.
9	Signal Processing & Bio Medical lab.
10	Internet Lab
11	Microprocessor lab.
12	Power System Simulation lab.

DEPARTMENT OF MECHANICAL ENGINEERING



1. ACADEMIC STAFF

HEAD Dr. Sunand Kumar
 Ph. D

FACULTIES:

Professor	Associate Professor	Assistant Professor	Lecturer(On Contract)
Dr. Rakesh Sehgal Ph. D (On Deputation)	Dr. Rajesh Sharma Ph. D	Dr. Siddhartha Ph. D	Dr. Mukund Dutt Sharma
Dr. Sunand Kumar Ph. D	Dr. Somesh Sharma Ph. D	Dr. Varun Ph. D	Er. Aman Hira
Dr. Anoop Kumar Ph. D	Dr. Sant Ram Chauhan Ph.D	Dr. Debashish Das Ph. D	Er. Gurpreet Singh
	Dr. Prashant Kumar Ph. D	Dr. Mohit Pant Ph. D	Dr. Rajeev Verma
	Dr. Rajiv Kumar Sharma Ph. D	Dr. Santosh B. Bopche Ph. D. (On Contract)	Dr. Sushant Negi
			Dr. Nitin Sharma
			Er. Ashwani Tayal,
			Er. Ganesh Ranakoti,
			Er. Arun Rehal

2. DISTICTION ACHIEVED:

(a) By Student: Stuentis participated in various Tehnical Festivals within Country and Qualified National level Exams Such as GATE etc.

(b) By Faculty Member: Faculty visited various countries and organised STTP and Conference

3. SEMINAR, SYMPOSIA, SUMMER SCHOOL, WINTER SCHOOL, SHORT TERM COURSE

(a) Conducted in the Department: Mechanical Engg Dept

Sponsoring Agency	Name of the Co-ordinator	Title of the Seminar/Symposia etc.	Duration	Venue
-----NIL----- ----				

(b) Participated by Faculty Members:

Name of Staff	Course/Seminar	Organization	Duration	Venue
-----NA-----				

4. RESEARCH:

(a) Research Scheme:

Title of the Scheme	Sponsored by	Assistance Received <input type="checkbox"/> (in lakh)	Investigator	Brief Report
Researching High Technology System: Scope of Functional Optimization	DST (Govt. of India)	12.50 Lakhs	Dr. Somesh Sharma	--
Numerical Simulation of Thermoelastic Fracture Problems Using Element Free Galerkin Method	DST (Govt. of India)	16.38 Lakhs	Dr. Mohit Pant	Sanction on Apr-2017, Project Ref. No. : ECR/2017/000131
Effect of Protrusions on the Collection Efficiency of a Receiver	DST (Govt. of India)	8 Lakhs (approx)	Dr. Santosh Bhaulal Bopche	Sanction on 03-Apr-2017, Project Ref. No. : ECR/2017/000225

(b) Research Publication:**i) PAPER PUBLISHED BY FACULTY:**

S. No.	Name of Faculty	Name of Refereed Journal	National / International	Title of the Paper	Year of Publication
1	Prof. Rakesh Sehgal	Friction, Springer	International	Optimization of friction and wear characteristics of varied cryogenically treated hot die steel grade AISI -H13 under dry condition	2017
		i-Manager's Journal on Material Science (JMS)	International	Study of the Effect of Deep Cryogenic Treatment on the Mechanical Properties of Hot Die Steel AISI-H13	2017
		International Journal of Materials Research	International	Evolution of mechanical properties and microstructure of differently cryogenically treated hot die steel AISI-H13	2017
		Sādhana	International	Machinability of hypereutectic cast Al -Si alloys processed by SSM processing technique	2017
		Arabian Journal for Science and Engineering	International	Modelling of Machining Process While Turning Tool Steel with CBN Tool	2016
		Journal of Tribology, ASME DC	International	Modeling and Optimization of Friction and Wear Characteristics of Ti3Al2.5V Alloy Under Dry Sliding Condition	2016
		Tribology Transactions, Taylor Francis	International	Tribological Behavior of Ti3Al2.5V Alloy Sliding against EN-31 Steel under Dry Condition	2016
		International Journal of Organizational and Collective Intelligence (IJOI)	International	Multi-Objective Optimization using Grey Relational Taguchi Analysis in Machining: Grey Relational Taguchi Analysis	2016
		Journal Tribology - Materials, Surfaces & Interfaces	International	Effect of cryogenic treatment on the tribological behaviour of H11 hot die steel dry sliding against D3 steel	2016

2	Dr. Sunand Kumar	International Journal of Business Excellence, Inderscience	International	Investigating the influence of opportunistic behaviour risk factors on offshore outsourcing	2017
3	Dr. Anoop Kumar	Journal of Mechanical Science and Technology	International	A parametric study of the 2D model of solar air heater with elliptical rib roughness using CFD	2017
		Journal of Mechanical Science and Technology	International	Erratum to “A parametric study of the 2D model of solar air heater with elliptical rib roughness using CFD	2017
		Journal of The Institution of Engineers (India): Series C	International	Numerical Simulation of Flow Through Equilateral Triangular Duct Under Constant Wall Heat Flux Boundary Condition	2017
		Journal of Solar Energy Engineering, ASME	International	Experimental and Computational Fluid Dynamics Study on Fluid Flow and Heat Transfer in Triangular Passage Solar Air Heater of Different Configurations	2017
		Renewable and Sustainable Energy Reviews	International	Thermal and fluid dynamic characteristics of flow through triangular cross-sectional duct: A review	2016
4	Dr. Rajesh Sharma	Energy Conversion and Management, Elsevier	International	CFD investigation to quantify the effect of layered multiple miniature blades on the performance of Savonius rotor	2017
		Materials and Manufacturing Processes	International	Optimization for Turning of Al - 6061-SiC-Gr Hybrid Nanocomposites Using Response Surface Methodologies	2017
		Energy Conversion and Management	International	CFD investigation to quantify the effect of layered multiple miniature blades on the performance of Savonius rotor	2017
		Journal Tribology Transactions, Taylor Francis	International	Investigations on the Influence of Surface Texturing on a Couple Stress Fluid–Based Journal Bearing by Using JFO Boundary Conditions	2016

		International Journal of Surface Science and Engineering	International	A comparative study for lubrication of surface textured porous journal bearing with two different non-Newtonian fluid models	2016
		Energy Conversion and Management, Elsevier	International	Performance improvement of Savonius rotor using multiple quarter blades – A CFD investigation	2016
		Materials Science and Engineering, Indian Journal (Trade Science Inc.)	National	Porosity in aluminium matrix composites: cause, effect and defence	2016
		Rapid Prototyping Journal	International	Study on shrinkage behaviour of laser sintered PA 3200GF specimens using RSM and ANN	2016
		Journal of Mechanical Science and Technology	International	Effect of type and percentage of reinforcement for optimization of the cutting force in turning of Aluminium matrix nanocomposites using response surface methodologies	2016
5	Dr. Rajiv Kumar Sharma	International Journal of Business Excellence, Inderscience	International	Framework to assess competitive positioning in manufacturing industries	2017
		International Journal of Business Excellence, Inderscience	International	Investigating the influence of opportunistic behaviour risk factors on offshore outsourcing	2017
		NISCAIR-CSIR, India	National	Study the surface modification and characterization for powder mixed electrical discharge machining of tungsten carbide	2017
		Journal for Manufacturing Science and Production, Elsevier	International	Green EDM Strategies to Minimize Environmental Impact and Improve Process Efficiency	2016

		International Journal of Industrial and Systems Engineering, Inderscience	International	Measuring business performance in a SCN using Six Sigma methodology - a case study	2016
		International Journal of Business Excellence, Inderscience	International	Six Sigma and interpretive structural modelling for effective SCC with focus on human dimensions	2016
		International Journal for Quality Research	National	Investigating the Role of Porter Diamond Determinants for Competitiveness in MSMEs	2016
		International Journal of System Assurance Engineering and Management Springer	International	An ISM based framework for structural relationship among various manufacturing flexibility dimensions.	2016
		International Journal of Production Management and Engineering	International	Cell Formation Heuristic Procedure Considering Production Data.	2016
		Perspectives in Science, Elsevier	International	Implementation of Taguchi method with hybrid decision making tools for prediction of surface characteristics for powder-mixed EDM of WC	2016
		Journal of Systems Assurance Engineering and Management	International	Analyzing the effect of maintenance strategies on throughput of a typical Flexible Manufacturing Cell	2016

6	Dr. Somesh Sharma	The International Journal of Advanced Manufacturing Technology, Springer	International	Prognosis agent technology: influence on manufacturing organizations	2017
		Journal for Global Business Advancement, Inderscience	International	A review on the state of methodological trends in international marketing literature	2016
		Journal of Air Transport Management, Elsevier	International	Analyzing the effect of aviation infrastructure over aviation fuel consumption reduction	2016
		International Journal of Aerospace Engineering, Hindawi	International	Transport Aircraft Conceptual Design Optimization Using Real Coded Genetic Algorithm	2016
		European Transport Research Review, Springer	International	Analyzing the moderating effects of respondent type and experience on the fuel efficiency improvement in air transport using structural equation modeling	2016
		European Transport Research Review, Springer	International	Erratum to: Fuel consumption optimization in air transport: a review, classification, critique, simple meta -analysis, and future research implications	2016
7	Dr. Sant Ram Chauhan	Journal of Mechanical Science and Technology, Springer	International	Feasibility of a new non-edible feedstock in diesel engine: Investigation of performance, emission and combustion characteristics	2017
		Renewable and Sustainable Energy Reviews, Elsevier	International	Carbonyl and aromatic hydrocarbon emissions from diesel engine exhaust using different feedstock: A review	2016

		Renewable and Sustainable Energy Reviews	International	A review on methodology for complete elimination of diesel from CI engines using mixed feedstock	2016
8	Dr. Prashant Dhiman	Journal International Journal of Sustainable Energy (Taylor and Francis)	International	Thermal performance assessment of recyclic double-pass flat and V-corrugated plate solar air heaters	2017
		Journal Heat Transfer Engineering, Taylor & Francis	International	Thermal and Thermohydraulic Efficiency of Recyclic-Type Double-Pass Solar Air Heaters With Fins and Baffles	2016
		Journal of Solar Energy Engineering, ASME	International	Thermal Performance Analysis of a Rectangular Longitudinal Finned Solar Air Heater With Semicircular Absorber Plate	2016
		Journal of Energy Storage, Elsevier	International	Exergoeconomic analysis of recyclic packed bed solar air heater- sustained air heating system for buildings	2016
		Renewable and Sustainable Energy Reviews, Elsevier	International	Thermal performance of double pass packed bed solar air heaters – A comprehensive review	2016
9	Dr. Siddhartha	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, Sage Publisher	International	Polymer spur gears behaviors under different loading conditions: A review	2017
		Journal of The Institution of Engineers (India): Series C, Springer	International	Heat Transfer Enhancement in a Solar Air Heater with Roughened Duct Having Arc-Shaped Elements as Roughness Element on the Absorber Plate	2016

10	Dr. Varun	Journal of Mechanical Science and Technology	International	A parametric study of the 2D model of solar air heater with elliptical rib roughness using CFD	2017
		Journal of Mechanical Science and Technology	International	Erratum to “A parametric study of the 2D model of solar air heater with elliptical rib roughness using CFD	2017
		Journal of The Institution of Engineers (India): Series C	International	Numerical Simulation of Flow Through Equilateral Triangular Duct Under Constant Wall Heat Flux Boundary Condition	2017
		Journal of Mechanical Science and Technology, Springer	International	Feasibility of a new non-edible feedstock in diesel engine: Investigation of performance, emission and combustion characteristics	2017
		Journal of Solar Energy Engineering, ASME	International	Experimental and Computational Fluid Dynamics Study on Fluid Flow and Heat Transfer in Triangular Passage Solar Air Heater of Different Configurations	2017
		Journal International Journal of Green Energy, Taylor & Francis	International	Heat transfer augmentation and flow characteristics in ribbed triangular duct solar air heater: An experimental analysis	2017
		Renewable and Sustainable Energy Reviews, Elsevier	International	Modification in combustion chamber geometry of CI engines for suitability of biodiesel: A review	2017
		Journal of The Institution of Engineers (India): Series C, Springer	International	Heat Transfer Enhancement in a Solar Air Heater with Roughened Duct Having Arc-Shaped Elements as Roughness Element on the Absorber Plate	2016
		Heat Transfer—Asian Research, Wiley	International	Simulation of Combustion Space Heat Transfer of Glass Melting Furnace	2016

		Journal Experimental Heat Transfer, Taylor & Francis	International	Heat transfer and friction factor correlation development for double-pass solar air heater having V-shaped ribs as roughness elements	2016
		Renewable and Sustainable Energy Reviews, Elsevier	International	Carbonyl and aromatic hydrocarbon emissions from diesel engine exhaust using different feedstock: A review	2016
		Renewable and Sustainable Energy Reviews	International	A review on methodology for complete elimination of diesel from CI engines using mixed feedstock	2016
		Renewable and Sustainable Energy Reviews, Elsevier	International	Heat transfer augmentation using twisted tape inserts: A review	2016
		Renewable and Sustainable Energy Reviews, Elsevier	International	Thermal and fluid dynamic characteristics of flow through triangular cross-sectional duct: A review	2016
11	Dr. Debasish Das	Heat and Mass Transfer, Springer	International	Experimental investigation for the performance of triangular fin array within a rectangular enclosure in natural convection dominated region	2017
12	Dr. Mohit Pant	Journal of Tribology, ASME DC	International	Modeling and Optimization of Friction and Wear Characteristics of Ti3Al2.5V Alloy Under Dry Sliding Condition	2016
		Tribology Transactions, Taylor Francis	International	Tribological Behavior of Ti3Al2.5V Alloy Sliding against EN-31 Steel under Dry Condition	2016
13	Dr. Mukund Dutt Sharma	Arabian Journal for Science and Engineering	International	Modelling of Machining Process While Turning Tool Steel with CBN Tool	2016

		Journal of Tribology, ASME DC	International	Modeling and Optimization of Friction and Wear Characteristics of Ti3Al2.5V Alloy Under Dry Sliding Condition	2016
		Tribology Transactions, Taylor Francis	International	Tribological Behavior of Ti3Al2.5V Alloy Sliding against EN-31 Steel under Dry Condition	2016
14	Dr. Sushant Negi	Rapid Prototyping Journal	International	Study on shrinkage behaviour of laser sintered PA 3200GF specimens using RSM and ANN	2016
15	Dr. Nitin Sharma	International Journal of Surface Science and Engineering	International	A comparative study for lubrication of surface textured porous journal bearing with two different non-Newtonian fluid models	2016
		Journal Tribology Transactions, Taylor Francis	International	Investigations on the Influence of Surface Texturing on a Couple Stress Fluid–Based Journal Bearing by Using JFO Boundary Conditions	2016

ii) PAPER

PRESENTED IN CONCERNECE/SEMINAR/SYMPOSIIS:

Sl. No.	Name of Faculty	Details of Conference Proceeding	National / International	Title of the Paper	Year of Publication
1	-----NA-----				

iii) PAPER ACCEPTED FOR PUBLICATION:

- (c) Doctoral Programme: 13 Nos. ongoing (During Session July, 2016-July,2017)
 (d) Ph. D. Degree awarded: 9 Nos. (During Session July, 2016-July,2017)
 (e) Master thesis completed: 26 Nos. (M.Tech in Thermal & CAD- CAM (Admitted in 2014 and Passed in 2016))

Sr. No	Name of the Student	Name of Guide	Name of Co-Guide	Year of Regn.	Nature of Ph.D	Specialization/ Topic	Status
1	Sh. Sonu Sharma	Dr. Rajesh Sharma	-	2010	Full-Time	Analysis, Optimization and Design of Modified Savonius Rotor	In-Progress
2	Sh. Vikas Acharya	Dr. Somesh Sharma	Dr. Sunand Kumar	2010	Part-Time	Assessing the impact of automation on Indian Steel Industries	In-Progress

3	Sh. Jagdeep Singh	Dr. Rajiv Kumar Sharma	-	2013	Full Time	Study of powder mixed EDM of Tungsten carbide alloy	In-Progress
4	Sh. Akant Kumar Singh	Dr. Siddhartha	-	2013	Full Time	Performance evaluation of fiber augmented polymer based gears	In-Progress
5	Sh. Vishal Jagota	Dr. Rajesh Sharma	-	2013	Full Time	Tribology	In-Progress
6	Sh. Munish Gupta	Dr. P.K. Sood	-	2013	Full Time	Machining	In-Progress
7	Sh. Sahil Garg	Dr. Mohit Pant	-	2013	Full Time	Computational Fracture Mechanics	In-Progress
8	Sh. Jagroop Singh	Dr. Somesh Sharma	-	2013	Full Time	Industrial Engineering	In-Progress
9	Sh. Rajneesh Sharma	Dr. Anoop Kumar	-	2013	Full Time	Heat Transfer	In-Progress
10	Sh. Anant Krishan Pun	Dr. Siddhartha	-	2014	Part Time	Wear, Materials and Design	In-Progress
11	Sh. Surender Kumar	Dr. P.K. Sood	-	2014	Full Time	Composite Materials	In-Progress
12	Sh. Paramveer Singh	Dr. S.R. Chauhan	Dr. Varun	2014	Full Time	Tribological Characteristics of IC engines using unconventional fuels	In-Progress
13	Sh. Manjeet Kharub	Dr. Rajiv Kumar Sharma	-	2014	Full Time	Quality Engineering	In-Progress

iv) **PATENT:** Nil

(f) **DOCTORAL PROGRAMME:**

S. No.	Title of Thesis	University / Institute & Year of Ph. D. Award	Name of the Scholar	Name of the supervisors
1.	Development, Characterization and Machinability Behaviour of Metal Matrix Composite Materials	NIT Hamirpur, 2017	Sh. Ravinder Kumar	Dr. S.R. Chauhan

2.	Investigation of Thermal Effects in Rough Porous Bearings	NIT Hamirpur, 2017	Sh. Nitin Sharma	Dr. Rajesh Sharma Dr. Sunil
3.	The thermo economic performance analysis of recyclic type double pass packed bed solar air heater	NIT Hamirpur, 2017	Sh. Satyender Singh	Dr. Prashant Dhiman
4.	Identifying dimensions for the fuel optimization in aviation industry	NIT Hamirpur, 2017	Sh. Vedant Singh	Dr. Somesh Sharma
5.	Evaluation of machining parameters for hard turning	NIT Hamirpur, 2017	Sh. Pardeep Kumar	Dr. S.R. Chauhan
6.	Investigation on Tensile and Wear properties of ceramic particle/fibre/hybrid Aluminium Matrix Composites	NIT Hamirpur, 2017	Sh. Devender Priyadarshi	Dr. Rajesh Sharma
7.	Tribological Studies and Machining Parameterization of Titanium Alloys	NIT Hamirpur, 2016	Sh. Mukund Dutt Sharma	Prof. Rakesh Sehgal Dr. Mohit Pant
8.	Investing Machinability and Tool Wear/Performance of CBN Tool Inserts in Hard Turning of D6 Steel	NIT Hamirpur, 2016	Sh. Manoj Nayak	Prof. Rakesh Sehgal Dr. Rajiv Kumar Sharma
9.	System Synthesis for an Effective Supply Chain Coordination	NIT Hamirpur, 2016	Sh. Prashant Chauhan	Prof. Sunand Kumar Dr. Rajiv Kumar Sharma

5. DISTICTION ACHIEVED:

- (a) By Student:
 (b) By Faculty Member:

6. DETAILS OF LABORATORIES:

Sl. No.	Type of Lab	Capacity	Year of Establishment
1	Theory of Machine/ Vibration	78 Sq.m	1996/1997
2	Ref. & Air Conditioning	78 Sq.m	1997
3	Production Section	313 Sq.m	1996
4	Dynamics of Machinery	78 Sq.m	2013
5	C.A.D	78 Sq.m	1992
6	CAM Lab.	78 Sq.m	2005
7	Metallurgy & Metallographic Lab.	78 Sq.m	1998
8	Tribology Lab.	78 Sq.m	1997
9	I.C.Engine	117 Sq.m	1995
10	Turbo Machine & Thermal	243 Sq.m	1996
11	Heat Transfer Lab.	78 Sq.m	1996
12	Mechanics of Solid	117 Sq.m	1986
13	Measurement & Control	78 Sq.m	1997
14	C.A.D (New)	313 Sq.m	2010
15	Advanced Heat Transfer	243 Sq.m	2006
16	Fluid Mechanics Lab.	120 Sq.m	2000
17	Heat Engine Lab.	117 Sq.m	1995
18	Project Lab	78 Sq.m	2013

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



1. ACADEMIC STAFF

HEAD: Dr. Surender Kumar Soni
Ph. D.

FACULTIES

Professor	Associate Professor	Assistant Professor	Lecturer(contract)
Dr. Vinod Kapoor Ph. D	Sh. K.S. Pandey	Dr. Krishan Kumar	Sh. Maneesh Kumar
Dr. (Mrs.) Rajeevan Chandel Ph. D	Dr. Surender Kumar Soni	Sh. Vinod Kumar	Sh. Prashant Garg
	Dr. Ashok Kumar	Dr. P. Daniel	Sh. Akshay Mann
	Dr. Gargi Khanna	Sh. Manoranjan Rai Bharti	Sh. Ankur Thakur
	Dr. Ashwani Kumar Rana	Sh. Rakesh Kumar	Sh. Gaurav Bansal
		Sh. Gagnesh Kumar	Ms. Amandeep Kaur
		Dr. Rohit Dhiman (Contract)	Ms. Shaffi Jindal
		Dr. Anuradha, (Contract)	Ms. Shweta Chauhan
		Dr. Ajay Singh, (Contract)	Sh. P.K. Verma
			Sh. Cerin Ninan

2. DISTINCTION ACHIEVED

- (a) By student: -
 (b) By faculty Member: -

3. SEMINAR, SYMPOSIA, SUMMER SCHOOL, WINTER SCHOOL, SHORT TERM COURSE**a. Conducted in the department**

Sponsoring agency	Name of the Coordinator	Title of the Seminar/symposia	Duration	Venue
-	-	-	-	-

b. Participated by Faculty Members:

Name of the Staff	Course/Seminar	Organization	Duration	Venue
-	-	-	-	-

4. RESEARCH**a. Research Scheme**

Title of the Scheme	Sponsored by	Assistance Received (Rs) in lakh	Investigator	Brief Report
-	-	-	-	-

b. Research Publication:-**PAPER PUBLISHED BY FACULTIES:**

- [1] Y. Agrawal, M.G. Kumar, and Rajeevan Chandel, "A novel unified model for copper and MLG NR interconnects using voltage-and current-mode signaling schemes," *IEEE Transactions on Electromagnetic Compatibility*, vol. 59, no. 1, pp. 217-227, Feb. 2017.
- [2] Y. Agrawal, M.G. Kumar, and Rajeevan Chandel, "A comprehensive model for high-speed current-mode signaling in next generation MWCNT bundle interconnect using FDTD technique," *IEEE Transactions on Nanotechnology*, vol. 15, no. 4, pp. 590-598, July 2016.
- [3] Krishan Kumar, Arun Prakash, Rajeev Tripathi, "Spectrum Handoff in Cognitive Radio Networks: A Classification and Comprehensive Survey", *Journal of Network and Computer Applications*, vol. 61, pp. 161-181, 2016.
- [4] Krishan Kumar, Arun Prakash, Rajeev Tripathi, "Context Aware Spectrum Handoff Scheme in Cognitive Radio Vehicular Networks", Special issue on Advances in Vehicular and Underwater Communication Networks, *International Journal of Adhoc and Ubiquitous Computing*, Inderscience, vol. 24, pp.101-116, 2017.
- [5] Krishan Kumar, Arun Prakash, Rajeev Tripathi, "A Spectrum Handoff Scheme for Optimal Network Selection in Cognitive Radio Vehicular Networks: A Game Theoretic Auction Theory Approach", *Physical Communications*, Elsevier, vol. 24, pp. 19-33, 2017.

- [6] Krishan Kumar, Arun Prakash, Rajeev Tripathi, "A Spectrum Handoff Scheme for Optimal Network Selection in NEMO based Cognitive Radio Vehicular Networks", *Wireless Communications and Mobile Computing*, Joint Wiley and Hindawi Publishing Corporation. Volume 2017 (2017), Article ID 6528457.
- [7] Krishan Kumar, Arun Prakash, Rajeev Tripathi, "A Spectrum Handoff Scheme with Multiple Attributes Decision Making for Optimal Network Selection in Cognitive Radio Networks", *Digital Communications and Networks*, Elsevier. In press.
- [8] Krishan Kumar, Ganesh Prasad Mishra, Arun Prakash, Rajeev Tripathi, "A Proactive Spectrum Handoff Scheme with Efficient Spectrum Utilization for Cognitive Radio Ad hoc Networks", *International Journal of Internet Protocol Technology*, Inderscience Publishers. In press.
- [9] Yash Agrawal, Rajeevan Chandel and Rohit Dhiman, "Variability analysis of stochastic parameters on the electrical performance of on-chip current-mode interconnect system", *IETE Journal of Research*, vol. 63, no. 2, pp. 268-280.
- [10] Rohit Dhiman and Rajeevan Chandel, "Delay analysis of buffer inserted sub-threshold interconnects," *Analog Integrated Circuits and Signal Processing*, vol. 90, no. 2, pp. 435-445, Feb. 2017.
- [11] Ramesh Kumar, Rohit Dhiman and Rajeevan Chandel, "Performance analysis of top-contact MLG NR based Interconnects," published in *International Symposium on Nanoelectronic and Information Systems (IEEE-iNIS)*, Dec. 2016.
- [12] Abhishek Shrivastava, Ajay Pratap Gangwar, Rahul Kumar and Rohit Dhiman, "A 60 dB bulk-driven rail-to-rail input/ output OTA," published in *International Symposium on Nanoelectronic and Information Systems (IEEE-iNIS)*, Dec. 2016.

Krishan Kumar

1. **Krishan Kumar**, Arun Prakash, Rajeev Tripathi, "Spectrum Handoff in Cognitive Radio Networks: A Classification and Comprehensive Survey", *Journal of Network and Computer Applications*, Elsevier, vol. 61, pp. 161-181, 2016.
2. **Krishan Kumar**, Arun Prakash, Rajeev Tripathi, "Context Aware Spectrum Handoff Scheme in Cognitive Radio Vehicular Networks", Special issue on Advances in Vehicular and Underwater Communication Networks, *International Journal of Adhoc and Ubiquitous Computing*, Inderscience, vol. 24, no.1/2, pp.101-116, 2017.
3. **Krishan Kumar**, Arun Prakash, Rajeev Tripathi, "A Spectrum Handoff Scheme for Optimal Network Selection in Cognitive Radio Vehicular Networks: A Game Theoretic Auction Theory Approach", *Physical Communications*, Elsevier, vol. 24, pp. 19-33, 2017.
4. **Krishan Kumar**, Arun Prakash, Rajeev Tripathi, "A Spectrum Handoff Scheme for Optimal Network Selection in NEMO based Cognitive Radio Vehicular Networks", *Wireless Communications and Mobile Computing*, Joint Wiley and Hindawi Publishing Corporation. Volume 2017 (2017), Article ID 6528457.
5. **Krishan Kumar**, Arun Prakash, Rajeev Tripathi, "A Spectrum Handoff Scheme with Multiple Attributes Decision Making for Optimal Network Selection in Cognitive Radio Networks", *Digital Communications and Networks*, Elsevier. In press.
6. **Krishan Kumar**, Ganesh Prasad Mishra, Arun Prakash, Rajeev Tripathi, "A Proactive Spectrum Handoff Scheme with Efficient Spectrum Utilization for Cognitive Radio Ad hoc Networks", *International Journal of Internet Protocol Technology*, Inderscience Publishers. In press

- (c) **Doctoral Programme:** 21 ongoing
 (d) **Ph.D Degree awarded:** 01
 (e) **M.Tech. Thesis completed (Year 2015-17)**

VLSI and Design Automation Technique

S.No.	Roll No.	Name of student
1	15M401	Neha Sharma
2	15M402	Parmjit Singh
3	15M403	Satyam Kumar
4	15M405	Himanshu Rathore
5	15M407	Burla Satyanarayana
6	15M408	K. Ramakrishna
7	15M410	Ramya Sravani Ediga
8	15M411	Shailza Kaundal
9	15M412	Priyanka Arya
10	15M413	Anish Kumar Singh

Communication System & Network:

S.No.	Roll No.	Name of student
1	15M426	Ranjan Kumar Gupta
2	15M428	Abhishek Mani Shukla
3	15M429	Rampal Bhadu
4	15M431	Abhishek Prasad Deo
5	15M432	Mohammad Jibran Hafeez
6	15M434	Prabhleen Singh
7	15M435	Sukannya Chetry
8	15M436	Rajnisha Kumari
9	15M437	Monish Bhatia
10	15M438	Rahul Sharma

(f) DOCTORAL PROGRAMME:

Sr. No.	Name of Guide	Name of students
1.	Dr. Gargi Khanna	Ms.Tarun Chaudhary
2.	Prof. Rajeevan Chandel	Mr. Mekala Girish Kumar
3.	Dr. Surender Soni	Mr. Manjeet Singh
4.	Dr. Surender Soni	Mr. Vinith Chauhan
5.	Dr. Ashok Kumar	Mr. Vicky Kumar
6.	Dr. Ashok Kumar	Mr. Gaurav
7.	Dr. Gargi Khanna	Mr. Apoorav Dwivedi
8.	Dr. Ashwani Rana	Mr. Ritu Raj Singh Rathore
9.	Dr. Ashwani Rana	Mr. Vinod Kumar
10.	Dr. Surender Soni	Ms. Jyoti Bhola
11.	Dr. Philemon Danial	Ms. M. Kodeeswari

12.	Dr. Surender Soni	Mr. M. Nithin Varma
13	Dr. Ashwani Rana	Ms. Shalu
14.	Dr. Ashok Kumar	Mr. Ashish Goswami
15.	Dr. Gargi Khanna	Mr. Prateek Asthana
16.	Dr. Krishan Kumar Asstt. Prof.	Mr. Mani Shekhar Gupta
17.	Dr. Rohit Dhiman, Asstt. Prof.	Ms. Anchal Thakur
18.	Dr. Ajay Singh, Asstt. Prof.	Ms. Anshu Thakur
19.	Dr. Rohit Dhiman, Asstt. Prof.	Mr. Ashish Singh
20.	Dr. Ajay Singh, Asstt. Prof.	Ms. Shilpa Thakur
21.	Dr. Krishan Kumar, Asstt. Prof.	Mr. Ashok Kumar

(g) POPULAR LECTURES BY OUTSIDE EXPERTS:

Sr. No.	Date	Speaker	Topic
-	-	-	-

(h) CONSULTANCY SERVICES:

Sr. No	Name of the Scheme	Sponsored Agency	Amount Earned
-	-	-	-

(i) EQUIPMENT ACQUIRED:

Sr. No.	Name of Equipment	Name of Manufacturer	Cost (Rs. In lakh)
-	-	-	-

5. TECHNICAL ASSOCIATION / SOCIETIES:

-NIL-

6. DETAIL OF THE LABORATORIES:

Sr. No.	Name of the Laboratory
1	Basic Electronics Lab
2	Computer Lab
3	Electronics Workshop
4	Analog Electronics Lab
5	Digital Signal Processing Lab
6	VLSI Design Lab
7	Communication Lab
8	MEMS Design Lab
9	Embedded System Lab
10	Digital Electronics Lab
11	Industrial Electronics Lab
12	Microwave Lab
13	Fibre Optical Lab
14	Microprocessor Lab

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



1. ACADEMIC STAFF:-

HEAD: Dr. Narottam Chand
Ph.D

FACULTIES:-

Professor	Associate Professor	Assistant Professor
Dr. Lalit Kumar Awasthi Ph. D (On Deputation)	Dr. Narottam Chand Ph. D	Dr. Siddhartha Chauhan Ph. D
	Dr. T.P. Sharma Ph. D	Dr. Naveen Chauhan Ph. D
	Dr. (Mrs.) Kamlesh Dutta Ph. D	Sh. Rajeev Kumar
		Dr. Pardeep Kumar
		Sh. Nitin Gupta
		Dr. Madhu Kumari Ph. D
		Dr. Lokesh Chouhan (On Contract) Ph.D

2. DISTINCTION ACHIEVED:

(a) By students

Following are research publications by the students:

1. Prashant Kumar, Naveen Chauhan and Narottam Chand, "Node Movement Based Neighbor Discovery in Opportunistic Networks," International Conference on Information Processing, pp. 1-4, Aug 2016.
2. B.B. Dubey, Naveen Chauhan and Narottam Chand, "Efficient Data Scheduling Technique at RSU for Vehicular Ad-hoc Networks," International Conference on Information Communication and Embedded Systems, pp. 1-7, 2016.
3. Nishant Sharma, Naveen Chauhan and Narottam Chand, "Smart Logistics Vehicle Management System Based on Internet of Vehicles," International Conference on Parallel Distributed and Grid Computing, Dec 2016.
4. Prashant Kumar, Naveen Chauhan and Narottam Chand, "Authentication With Privacy Preservation in Opportunistic Networks," International Conference on Inventive Communication and Computational Technologies (ICICCT), Coimbatore, March 10-11, 2017.

By faculty Members

Reviewer

1. Dr. Narottam Chand has been reviewer to various journals viz. IEEE Transactions on Vehicular Technology, IEEE Communication Letters, Cloud Computing (CENGAGE Learning Book), International Journal of Information and Communication Technology (Inderscience), Chinese Journal of Aeronautics, International Journal of Wireless Networks (Springer), International Journal of Communication Networks and Distributed Systems (Inderscience), Computer and Electrical Engineering Journal (Elsevier), Computer Networks (Elsevier), International Journal of Science and Technology (MIJST), Iranian Journal of Electrical and Computer Engineering (IJECE), Web Technology (CENGAGE Learning Book), International Journal of Security and Networks (Inderscience), International Journal of Communication System (Wiley), International Journal of Security and Communication Networks (Wiley), International Journal of Artificial Intelligence & Soft Computing (Inderscience), Data Communication and Networks by AS Godbole (Tata McGraw Hill Book), International Journal of Next Generation Computing, Mobile Information Systems (International Journal, IOS Press), International Journal of Ad Hoc & Ubiquitous Computing (Inderscience), etc.
2. Dr. Narottam Chand has been reviewer to various journals viz. IEEE Transactions on Vehicular Technology, IEEE Communication Letters, Cloud Computing (CENGAGE Learning Book), International Journal of Information and Communication Technology (Inderscience), Chinese Journal of Aeronautics, International Journal of Wireless Networks (Springer), International Journal of Communication Networks and Distributed Systems (Inderscience), Computer and Electrical Engineering Journal (Elsevier), Computer Networks (Elsevier), International Journal of Science and Technology (MIJST), Iranian Journal of Electrical and Computer Engineering

Networks (Inderscience), International Journal of Communication System (Wiley), International Journal of Security and Communication Networks (Wiley), International Journal of Artificial Intelligence & Soft Computing (Inderscience), Data Communication and Networks by AS Godbole (Tata McGraw Hill Book), International Journal of Next Generation Computing, Mobile Information Systems (International Journal, IOS Press), International Journal of Ad Hoc & Ubiquitous Computing (Inderscience), etc.

3. Dr. T.P. Sharma has been reviewer to various journals viz. International Journal of Recent Trends in Mathematics & Computing, Elsevier journal of “Systems Architecture”, WILEY journal “Security and Communication Networks”, Reviewer for Taylor & Francis: “Information Security Journal: A Global Perspective”, Inderscience Journal of Sensor Networks, ICTACT Journal on Communication Technology (IJCT) & International Journal of Communication Systems, etc.
4. Dr. Lokesh Chouhan has been reviewer to various journals viz. IEEE transaction on Mobile Computing, IEEE transaction on System Journal, Multimedia Tools and Applications Springer, Wireless Personal Communications Springer, Wireless Networks Springer, Elsevier Journals, etc.
5. Dr. Narottam Chand has been reviewer to various conferences viz. ICAICR-2017, INDIACom-2017, CGVIS-2017, SPIN-2017, ICRAIE-2016, PDGC-2016, NCDPCS-2016, ICACCE-2016, ICACDS-2016, NGCT-2016, IICIP-2016, ICCCA-2016, ICACCA-2016, etc.
6. Dr. TP Sharma has been reviewer to various conferences viz. IICIP-2016, AICC-2016, CICON-2016, CIP-2016, ICCCS-2016, etc.

Expert Talks

1. Dr. Narottam Chand delivered expert talks on “Evolution of Mobile Networks”, “Research Issues in Wireless Networks”, “Deployment Issues in Wireless Sensor Networks”, “System Failures due to Computation” and “Research Challenges in Embedded Sensor Systems” in Course on Sensor Based Embedded Systems Design (SESD) Under Global Initiative of Academic Networks (GIAN), MHRD, Govt. of India, June 20-July 01, 2016.
2. Dr. Narottam Chand delivered expert talks on “Evolution of Mobile Networks”, “Security Issues in Wireless Systems”, and “System Failures Due to Computation” in Short Term Course on Security Trends in Mobile Ad hoc and Sensor Systems (STMASS), NIT Hamirpur, Feb 02-07, 2017.
3. Dr. Lokesh Chouhan delivered expert talk on, “Mobile Forensics”, in Five day short term course on, "Mobile Ad Hoc and Sensor Network Security" Under ISEA Project Phase-II, Govt. of India, at NIT Hamirpur, Feb 2-7, 2017.
4. Dr. T.P. Sharma has delivered expert talks on MAC in WSN: Research Issues & Research in Engineering and Technology in Course on Sensor Based Embedded Systems Design (SESD) Under Global Initiative of Academic Networks (GIAN), MHRD, Govt. of India, June 20-July 01, 2016.

5. Dr. T.P. Sharma has delivered expert talks on Distributed System: Design Challenges at National Conference on Recent Innovations in Engineering Technology and Science, JB Institute of Technology, Dehradun during March 03-04, 2017

3. PROGRAMMES ORGANIZED

(a) Organized in the Department

Sponsoring Agency	Name of the Coordinator	Title of the Seminar/Symposia	Duration	Venue
ISEA Project Phase-II	Dr. Narottam Chand Dr. Naveen Chauhan Er. Rajeev Kumar Dr. Ashwani Rana (ECE)	Security Trends in Mobile Ad hoc and Sensor Systems (STMAS)	Feb 02-07, 2017	CSED, NIT Hamirpur
GIAN Scheme, MHRD, Govt. of India	Dr. Narottam Chand Dr. Naveen Chauhan	Sensor Based Embedded System Design (SESD) Under Global Initiative of Academic Networks (GIAN)	June 20 -July 01, 2016	NIT Hamirpur

(b) Participated by Faculty Members

Name of the Staff	Course/Seminar	Organization	Duration	Venue
Dr. Narottam Chand	Third Annual Appraisal Workshop of Information Security Education and Awareness (ISEA) Project Phase-II	IIT Guwahati	Sep 30-Oct 01, 2016	IIT Guwahati
Dr. Narottam Chand	Appraisal Workshop and RC - PI Meeting of Information Security Education and Awareness (ISEA) Project Phase-II	IIT Roorkee	Feb 17, 2017	IIT Roorkee
Dr. Lokesh Chouhan	Recent Trends in Network Security & Advances in Information Security and Cryptology	IIT Roorkee	Dec 12-Dec 18, 2016	IIT Roorkee
Dr. Lokesh Chouhan	Industry Institute Iteration Programme	NIT Hamirpur	21st Oct to 22nd Oct, 2016	NIT Hamirpur

Dr. Lokesh Chouhan	Sensor Based Embedded Systems Design (SESD-2016)	NIT Hamirpur	June 20-July 01, 2016	NIT Hamirpur
Dr. T.P. Sharma	International Conclave on Higher Education	Gandhinagar Gujrat	17-18 October, 2016.	Gandhinagar Gujrat
Dr. T.P. Sharma	43rd Asia-Pacific Advanced Network (APAN)	India Habitat Centre (IHC), New Delhi	February 12-17, 2017	India Habitat Centre (IHC), New Delhi
Dr. T.P. Sharma	National Conference on Recent Innovations in Engineering Technology and Science	JB Institute of Technology, Dehradun	March 03-04, 2017	JB Institute of Technology, Dehradun

4. RESEARCH:

a. RESEARCH SCHEME:

Title of the Scheme	Sponsored by	Assistance Received (Rs) in lakh	Investigator
Post Disaster Communication Recovery using Integrated Mobile Ad hoc Network	H.P. State Council for Science Technology & Environment	Rs. 3.31 Lacs	Dr. Naveen Chauhan Er. Rajeev Kumar

b. RESEARCH PUBLICATION FOR THE YEAR 2015-16:

Journals

1. BB Dubey, Naveen Chauhan, Narottam Chand and LalitAwasthi, "Priority Based Efficient Data Scheduling Technique for VANETs," Wireless Networks, Vol. 22, No. 5, pp. 1641-1657, 2016.
2. BB Dubey, Naveen Chauhan, Narottam Chand and LalitAwasthi, "Incentive Based Scheme for Improving Data Availability in Vehicular Ad-hoc Networks," Wireless Networks, DOI 10.1007/s11276-016-1246-7, pp. 1-19, 2016.
3. Avani Sharma, Himanshu Singh, Abhinav Mishra, Ankit Verma, Rana Gautam and Narottam Chand, "Improving Page Ranking for Search Engines," International Journal of Advances in Electronics and Computer Science, Vol. 3, No. 4, pp. 9-13, 2016.
4. BB Dubey, Naveen Chauhan, Narottam Chand and LalitAwasthi, "Incentive Based Scheme for Improving Data Availability in Vehicular Ad-hoc Networks," Wireless Networks, Vol. 23, No. 6, pp. 1669-1687, 2017.

5. Gopal Chand Gautam and Narottam Chand, "Controlled Mobility Time Synchronization for WSNs," *International Journal of Wireless Sensor Network*, Vol. 9, No. 1, pp. 1-15, 2017.
6. Prashant Kumar, Naveen Chauhan and Narottam Chand, "NextContact: Neighbor Discovery Mechanism for Opportunistic Networks," *International Journal of Grid and Distributed Computing*, Vol. 10, No. 1, pp. 99-110, 2017.
7. Pushpender Kumar, Rajeev Kumar, Naveen Chauhan and Narottam Chand, "Enhancing the Lifetime of Wireless Multimedia Sensor Network Through Image Fusion," *International Journal of Grid and Distributed Computing*, Vol. 10, No. 1, pp. 203-218, 2017.
8. Gopal Chand Gautam and Narottam Chand, "Security in Time Synchronization for Wireless Sensor Networks," *International Journal of Sensors, Wireless Communications and Control*, Vol. 7, No. 1, pp. 44-52, 2017.
9. Gopal Chand Gautam and Narottam Chand, "A Novel Cluster Based Time Synchronization Technique for Wireless Sensor Networks," *International Journal of Wireless Sensor Network*, Vol. 9, No. 5, pp. 145-165, 2017.
10. Dr. Siddhartha Chauhan & Mr. Shashi Gurung, "A novel approach for mitigating gray- hole attack in MANET" in *Springer Wireless Network, The Journal of Mobile Communication, Computation and Information*, August 2016. doi: 10.1007/s11276-016-1353-5. (SCI Impact Factor- 1.58)
11. Shashi Gurung and Siddhartha Chauhan "A novel approach for mitigating gray- hole attack in MANET" *Wireless Networks (Springer)* doi: 10.1007/s 11276-016-1353-5 Aug. 2016
12. Sunil Kumar, Kamlesh Dutta: Direct Trust Based Security Scheme for RREQ Flooding Attack in Mobile Ad Hoc Networks, *International Journal of Electronics*, Vol. 104 , Issue 6, Pages 1034-1049, 2017, Taylor & Francis
13. Mukesh Kumar, Kamlesh Dutta: Detecting Wormhole Attack on Data Aggregation in Hierarchical WSN, *International Journal of Information Security and Privacy (IJISP)*, vol 11, Issue 1, pp. 35-51, 2017, IGI Global
14. Varun Gupta, Kamlesh Dutta, Durg Singh Chauhan: Mass market development strategies of software industries: Case study based research, *Perspective in Science*, Vol 8, pp. 96-100, 2016, Elsevier
15. Sunil Kumar, Kamlesh Dutta: Intrusion detection in mobile ad hoc networks: techniques, systems, and future challenges, *Security and Communication Networks*, vol 9, Issue 14, pp 2484-2556, 2016, Wiley
16. Mukesh Kumar, Kamlesh Dutta: LDAT: LFTM based data aggregation and transmission protocol for wireless sensor networks, *Journal of Trust Management*, 3:2, 2016, Springer
17. Varun Gupta, Durg Singh Chauhan, Kamlesh Dutta: Historical prioritisation and reprioritisations using hierarchical historical R-tree, *International Journal of Computer Applications in Technology*, vol 54, Issue 4, PP 257-265, 2016, Inderscience

18. Sunil Kumar, Kamlesh Dutta: Securing Mobile Ad Hoc Networks: Challenges and Solutions, *International Journal of Handheld Computing Research (IJHCR)*, Vol 7, Issue 1, pp 26-76, 2016, IGI Global
19. Priyanka Dadhich, Kamlesh Dutta, and M.C. Govil: Detection of Slanders through Euclidean Distance Similarity Assessment for Securing E-commerce Agents in P2P Decentralized Electronic Communities, *International Journal of Security and Networks*, Vol 11, Issue 1-2, pp 48-65, 2016, Inderscience
20. Sunil Kumar and Kamlesh Dutta: Security Issues in Mobile Ad Hoc Networks: A Survey. *Mobile Computing and Wireless Networks: Concepts, Methodologies, Tools, and Applications*, DOI: 10.4018/978-1-4666-8751-6.ch086, pages 1940-1985, IGI Global, 2016
21. Kamlesh Dutta, Anshul Jindal: System for Identification and Analysis of Reduplication Words in Hindi Corpus, *International Journal of New Technology and Research (IJNTR)* Volume-2, Issue-4, April 2016 Pages 18-21
22. Pankaj Azad, T.P. Sharma and K.R. Sharma, "Energy Efficient Distributed Snapshot Algorithm for WSN" *Springer International Journal of Wireless Networks*, June 2016.
23. Krishna Joshi, T.P. Sharma, Shadab Siddiqui, Shahin Fatima, "Multiple Sink Data Aggregation," *proceedings of the International Conference on Recent Cognizance in Wireless Communication & Image Processing*, pp 223-232, 29 April 2016.
24. K.P. Sharma, T.P. Sharma, "ZBFR: Zone Based Failure Recovery in WSNs by Utilizing Mobility and Coverage Overlapping," *Springer Wireless Networks*, May 2016. [SCI Journal]
25. K.P. Sharma, T.P. Sharma, "Energy-hole avoidance and lifetime enhancement of a WSN through load factor," *Turkish Journal of Electrical Engineering and Computer Sciences*, 2016. DOI: 10.3906/elk-1508-162. [SCI Journal]
26. Rajeev Singh and T.P. Sharma, "A Location Based Method for Restricting the Flooding DoS Effect in WLANs," *Taylor and Francis Journal of Location Based Services*, 2016, 9(4): 273-295. IF: 0.63, [Scopus Journal]
27. Kulwardhan Singh, T.P. Sharma, "Handling Sink and Event Mobility in WSNs," *Sixth International Conference on Computational Intelligence and Information Technology (CIIT-2016)*, Cochin, India, 14-15 May, 2016.

Conferences

1. Dr. Siddhartha Chauhan & Mr. Shashi Gurung, "A Review of Packet Dropping Attack Mitigation Techniques and its Drawbacks in Mobile Ad-hoc Network". In IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), Chennai, March 2017, pp.
2. Pallavi Kaushik and Kamlesh Dutta: A Neural Network Model for Intrusion Detection Using a Game Theoretic Approach, *International Conference on Advanced Informatics for Computing Research (ICAICR 2017)* March 17-18, 2017

3. Arun Kumar, Kamlesh Dutta, Anmol Gupta, Sahil Badyal and Devesh Rohan: Assisting an architect with alternative automated space layout designs using order crossover Genetic Algorithm in AutoCAD, *IEEE International Conference on Advances in Mechanical, Industrial, Automation and Management Systems(AMIAMS-2017)* pp 298-303, MNIT Allahabad
4. Anjani Garg, Sunil Kumar and Kamlesh Dutta: An Analytical Survey of State of the Art JellyFish Attack Detection and Prevention Techniques, *Fourth IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC) 2016*, Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India
5. Girisha Sharma, Sunil Kumar, Kamlesh Dutta: A Detailed Survey on Selfish Node Detection Techniques for Mobile Ad Hoc Networks, *Fourth IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC) 2016*, Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India

(c) MASTER THESIS COMPLETED:- 23 Nos

Sr. No	Title	Guide	Name of the student	Brief Report
1.	Incorporating Semantics in LDA Topic modeling to improve Text Categorization	Dr. Madhu Kumari	Sumanta Kashyapi	Completed
2.	Unordered Map Query Optimization in Cloud Database	Dr. Madhu Kumari	Jaiveer Singh Rawat	Completed
3.	Clustering of Sensor Nodes using Spatio-temporal Correlation	Mr. Rajeev Kumar	Surbhi Madan	Completed
4.	Dynamic Streaming Network Traffic Classification Using Improved Hoeffding Bound	Dr. Pardeep Singh	Arvind Kumar	Completed
5.	Performance Improvement in Web caching along with prefetching	Dr. T.P. Sharma	Bheri Srihari	Completed
6.	Implementation of TarkSangrah Logic Using Auracaria Tool	Dr. Kamlesh Dutta	Ram Pratap	Completed
7.	Adaptive Probabilistic Routing Algorithm for Wireless Sensor Networks	Dr. Siddhartha Chauhan	Prashant Wankhede	Completed
8.	FFHBR: Flooding and Forwarding History Based Routing Algorithm	Dr. Naveen Chauhan	Shishir Singh Chauhan	Completed

9.	Probabilistic TTL Based Routing Protocol in Opportunistic Networks	Dr. Naveen Chauhan	Zafar Sarif	Completed
10.	Generating Multiple Layouts Using Genetic Algorithm	Dr. Kamlesh Dutta	Anmol Gupta	Completed
11.	Energy-Efficient Private Data Aggregation in Wireless Sensor Networks	Dr. Siddhartha Chauhan	Amit Kumar	Completed
12.	Predictive Modeling To Reduce Feature Set for anaphora Resolution	Dr. Pardeep Singh	Daya Shankar Yadav	Completed
13.	Sinkhole Intrusion Detection in Wireless Sensor Network	Dr. Siddhartha Chauhan	Amit Tiwari	Completed
14.	English- Mizo Statistical Machine Translation System Using Moses	Dr. Kamlesh Dutta	Lalhriatpuia	Completed
15.	Data Prediction in Wireless Sensor Networks Using Dynamic State Vector	Dr. Narottam Chand	Tamanna Jaiswal	Completed
16.	Word Sense Disambiguation Using Geo-Referencing for Hindi	Dr. Pardeep Singh	Vimal Dixit	Completed
17.	Energy Efficient Distributed Global Snapshot Algorithm for WSN	Dr. T.P. Sharma	Pankaj Azad	Completed
18.	Energy Efficient Cluster Based Routing Protocol for Wireless Sensor Networks	Dr. Siddhartha Chauhan	Obulapu Hitesh Reddy	Completed
19.	Fault Tolerant Time Synchronization Protocol for Wireless Sensor Network	Dr. T.P. Sharma	Nancy	Completed
20.	Post Disaster Communication Recovery using Integrated Mobile Ad-hoc Network	Dr. Naveen Chauhan	Nidhi Ahlawat	Completed
21.	Witness Based Detection of Clone Attacks in Static Wireless Sensor Networks	Dr. Narottam Chand	Pratibha Sharma	Completed

22.	Consistency Maintenance in Cloud Database using POM and Tree Base	Dr. Madhu Kumari	Shyam Kishor Yadav	Completed
23.	Performance Enhancement in Wireless Sensor Networks Using Data Mining	Mr. Rajeev Kumar	Pratik Kumar	Completed

(d) DOCTORAL PROGRAMME : 07 Awarded

Sr. No.	Title	Guide	Name of the student	Brief Report
1.	Reputation Based Trust for Secure Mobile Agents	Dr. Kamlesh Dutta	Mrs. Priyanka Dadhich	Awarded
2.	Distributed Systems	Dr. T.P. Sharma	Sh. Krishan Pal Sharma	Awarded
3.	Secure Data Aggregation in WSN	Dr. Kamlesh Dutta	Sh. Mukesh Kumar	Awarded
4.	Anaphora & Conference Resolution.	Dr. Kamlesh Dutta	Sh. Pardeep Singh	Awarded
5.	Energy Efficient Data Dissemination in Wireless Sensor Networks	Dr. L. K. Awasthi Dr. Naveen Chauhan	Sh. Rajesh Sharma	Awarded
6.	Wireless Sensor Network	Dr. T.P. Sharma	Sh. Kulwardhan Singh	Awarded
7.	Efficient Data Dissemination in Vehicular Adhoc Networks	Dr. Naveen Chauhan	Sh. Brij Bihari Dubey	Awarded

(e) POPULAR LECTURES BY OUTSIDE EXPERTS:

Sr. No	Date	Speaker	Topic
1	April 21, 2016	Dr. Ruchir Gupta, IIITDM Jabalpur	Issues and Challenges in Peer-to-Peer Networks
2	June 20- July 01, 2016	Prof. D.P. Agrawal, University of Cincinnati, USA	Sensor Based Embedded Systems Design

(f) CONSULTANCY SERVICES:

Sr. No	Name of the Scheme	Sponsored Agency	Amount Earned
1.	Consultancy Service to Kangra Central Cooperative Bank for Establishment of CBS & Internet Banking	Kangra Central Cooperative Bank (2009 to Present)	Rs. 49.49 Lacs (Total)
2.	Automation of Dr. Rajindra Prasad Govt. Medical College Kangra	Dr. Rajindra Prasad Govt. Medical College Kangra (2012 to Present)	Rs. 37.33 Lacs (Total)
3.	Consultancy Service to Kangra Central Cooperative Bank for Establishment of Surveillance and Biometric Attendance system	Kangra Central Cooperative Bank (2013 to Present)	Rs. 2.07 Lacs (Total)
4.	Consultancy Service to Kangra Central Cooperative Bank for Establishment of ATMs System	Kangra Central Cooperative Bank (2013 to Present)	Rs. 4.77 Lacs (Total)
5.	Consultancy Service to Punjab State Cooperative Bank for Establishment of ATMs, EFT Switching and Allied Services	Punjab State Cooperative Bank (2014 to Present)	Rs. 11 Lacs (Total)

5. DETAIL OF THE LABORATORIES:

Sr. No.	Name of the Laboratory
1.	COMPUTER NETWORK LAB
2.	PARALLEL PROCESSING LAB
3.	COMPUTER GRAPHICS LAB
4.	IMAGE PROCESSING LAB
5.	DBMS LAB
6.	MICROPROCESSOR LAB
7.	NETWORK SECURITY LAB
8.	COMPUTATIONAL LAB
9.	COMPUTER LAB I
10.	COMPUTER LAB II
11.	RESEARCH LAB

DEPARTMENT OF ARCHITECTURE



1. ACADEMIC STAFF

HEAD Dr. Bhanu M. Marwaha
Ph.D

FACULTIES:

Professor	Associate Professor	Assistant Professor
Dr. Minakshi Jain Ph.D	Dr. I.P. Singh Ph.D	Ar. Amanjeet Kaur, M.Arch.
Dr. Bhanu M. Marwaha Ph.D		Dr. Amitava Sarkar, Ph.D.
		Ar. Vandna Sharma, M.Arch
		Ar. Venu Shree, M.Arch.
		Ar. Sandeep Sharma, M.Arch.
		Ar. Puneet Sharma, M.Arch
		Dr. Aniket Sharma, Ph.D
		Ar. Neetu Kapoor, M.Arch.

2. Distinction Achieved:

a) By Student: 03 nos.

3. By Faculty Member: 01 no.

4. Research:

a) Research Publication

International journal

1. A. Sarkar, S. Bose, Exploring impact of opaque building envelope components on thermal and energy performance of houses in lower western Himalayans for optimal selection, *Journal of Building Engineering*, 7 (2016) 170-182. (Elsevier)
2. S. S. Chandel, A. Sharma, and B. M. Marwaha, "Review of energy efficiency initiatives and regulations for residential buildings in India," *Renew. Sustain. Energy Rev.*, vol. 54, pp. 1443–1458, 2016
3. A. Sharma and B. M. Marwaha, "Alternative building materials analysis for different residential buildings considering embodied energy and construction cost," *Int. J. Ecol. Dev.*, vol. 31, no. 2, pp. 10-34, 2016

International Conferences

1. Z. Kar, A. Sarkar, Application of Environment-Behaviour Studies (EBS) in Residential Architecture – a literature review, in: *Proceedings of the International Conference on "Theory of Architectural Design: Global Practices Amid Local Milieu"*, 14th-16th April-2017, SMVD University, Katra Jammu & Kashmir, India, pp. 113-126. ISBN: 978-93-5260-628-3 (McGraw Hill Education)
2. Ar. Venu Shree, "Role of occupancy sensor for Energy Optimization in smart buildings" in conference on Architects and Smart cities mission. IIA Delhi, April 11.12.2016.
3. Ar. Venu Shree, Dr. Bhanu M. Marwaha, Dr. Pamita Awasthi, "Indoor Air Quality in school Buildings: Causes and Effects." In *Neo International Conference on Habitable Environments (NICHE)*, LPU Punjab, INDIA Nov. 11.12.2016.
4. A. Sharma, "Analyzing the impact of change in house design on the operational energy consumption pattern of a mass housing", *Civil Engineering Conference-Innovation for Sustainability (CEC- 2016)*, NIT Hamirpur, Sep. 09th to 10th, 2016

Workshop/ Training Organized

- Two days workshop "**Challenges of Planning and Designing on Hills Workshop**" held on October, 2016.
- Short term training programme On "**Sustainable built environment; issues and options**" from July 01 – 06, 2016

Research project

- Ar. Vandna Sharma & Ar. Aniket Sharma received research project on Improving compressive strength, durability properties of adobe for propagating sustainable and cost-effective mass housing especially in rural areas of different districts of Himachal Pradesh from SCSTE, Shimla (HP) worth 6,37,800/-

Book published

- Venu Shree, Varun Goel and Himanshu Nautiyal, "Carbon Footprint Estimation from a Building Sector in India", *The Carbon Footprint Handbook*, CRC press, Taylor & Francis Group. (ISBN 978-1-4822-6222-3).
- A. Sarkar, "Adaptive thermal comfort standard for houses in composite climate", Lambert Academic Publishing, Germany, 2017. ISBN: 978-3-330-05247-5

b) Doctoral Programme: 09 Nos. ongoing

Sr. No.	Title	Guide	Name of the Student	Brief report
1.	Impact of Land Acquisition on affected families	Dr. Minakshi Jain	Mr. SachinYadav	Open Seminar
2.	Adaptive Use of vernacular Construction in Present Day Context	Dr. Bhanu Marwaha	Ar. Vandna Sharma	Submitted
3.	Redefining the urban form of Hill town for sustainable development	Dr. Bhanu Marwaha	Ar. Puneet Sharma	Submitted
4.	Impact of Development control regulations on energy efficiency in residential buildings	Dr. Bhanu Marwaha	Dr. Aniket Sharma	Awarded
5.	The Impact of Urban land use Pattern on Environment: A case of Yamuna Express way	Dr. I P Singh	Ar. Kaushlendra Singh	Course work completed
6.	Assessment of spatial and non- spatial aspects of a built enclose space influencing its indoor air quality	Dr. BhanuMarwaha	Ar. Venu Shree	Course work completed
7.	A Geo design approach for spatial planning in hill areas.	Dr. Minakshi Jain	Ar. Neetu kapoor	Course work completed
8	Sustainable development of trikuta hills katraJamu.	Dr. Minakshi Jain	Ar. Vikas Bhola	Course work completed
9.	Sustainable development model by integrating landscape with built form.	Dr. Minakshi Jain	Ar. Priyank Jain	Course work completed

c) Popular Lectures by Outside Experts:

Sr. No.	Date	Speaker	Topic
1.	September 30, 2016	Ar. K. Jaisim, Chief Architect, "Fountain Head", Bangalore	Expert lectures on Architecture, urban forms and open spaces
2.	September 30, 2016	Dr.Pushplata, Professor Arch. & Planning IIT Roorkee	Expert lectures on Architecture in present context
3.	September 30, 2016	Ar. NK Negi, Chief Architect HPPWD, Shimla	Ongoing projects in Himachal
4.	September 30, 2016	Ar. J.K. Gupta, Chief Town Planner at Sahara Prime City Ltd. Chandigarh	Smart Cities
5.	September 30, 2016	Ar. Surinder Bagha, Practicing Architect Chandigarh	Challenges on Planning in Hills

6.	October 1, 2016	Dr. Sangeet Sharma, Practicing Architect Chandigarh	Landscape Design
7.	October 1, 2016	Ar. Akshay Kaul, Ecologist & Landscape Architect New Delhi	Important factors affecting designing process of housing projects.
8.	October 1, 2016	Ar. Sanjay Goel, Practising Architect, Ludhiana	“Energy Auditing for the Built Environment”
11.	October 1, 2016	Dr. Minakshi Singhal, Head Deptt of Architecture, GNDU Amritsar	“Introduction of Energy softwares and GIS”
12.	October 1, 2016	Ar. Sanjay Goel, IIA-CHD PB Chapter	“Sustainable Urban fabric”
13.	October 1, 2016	Ar. Surinder Bahga, Nominated Councilor, M.C Chandigarh	“ Site analysis, planning and Land use management
14	October 1, 2016	Ar. N.K. Negi, Chief Architect; HPPWD	“Bio climatic features and Climate efficient Design
15	October 1, 2016	Ar. Niranjan Goel,	Site Visit to Dharamshala&McLeodganj to Study the Vernacular Settlement
16	October 1, 2016	Ar. Garg	“Assessment & Causes of Fragility in Hill Areas”
17	July 1, 2016	Dr. Virender Paul (SPA Delhi)	“Environmental issues of the Built Environment”
18	July 2, 2016	Dr. Vijay Bansal	“Role of GIS in Planning”
19	July 4, 2016	Dr. Dharmendra	“ solid waste management and renewable resources”
20	July 4, 2016	Ar. Surinder Bahga (Practicing Architect Chandigarh)	“Urbanism and Green Architecture”
21	July 5, 2016	Ar. Vijay Uppal	“Constraints and Potential for Planning in Hill Areas”
22	July 5, 2016	Dr. Ravi Kumar Sharma	“Issues & Options for Energy and Water Harvesting
23	July 5, 2016	Dr. Manika Negi Senior Scientist HUDCO HSMI	“Carrying capacity and Ecological footprints”
24	July 5, 2016	Ar. Surinder Bahga/ Sh. Siddhartha Wig (Practicing Architects Chandigarh)	“Planning for Green Architecture”
25	July 6, 2016	Ajay Sharma (SJVN Ltd Shimla)	Energy Certification and Micro hydro power Plants
26	July 6, 2016	Ar. Meenakshi Singhal (HOD, Deptt of Arch. GNDU Amritsar)	“Conservation of Heritage structures”
27	July 6, 2016	Dr. S.S. Chandel	“Renewable Energy Systems”

d) Popular Lectures delivered Outside:

Sr. No.	Date	Speaker	Topic
1.	April 2017 at HIPA, Shimla	Ar. Sandeep Sharma	Auto -cad
2.	Oct. 2016, ZONASA, Bareilly, UP	Ar. Sandeep Sharma	Expert Lectures on Architecture
3.	Feb. 2017, NITTTR, Hamirpur	Ar. Sandeep Sharma	Conservation
4.	Feb. 2017, NITTTR, Hamirpur	Dr. Amitawa Sarkar	Roll of New Techniques/Technologies for Energy Efficient Buildings
5.	November, 2016, Katra, Jammu & Kashmir	Dr. Amitawa Sarkar	Expert Lectures on Architecture

5. Consultancy Services:

Sr. No.	Name of the Scheme	Sponsored Agency	Amount earned
1.	Workshop/ Lab for Govt. Senior School, H.P.	Directorate of Higher Education	1.96 lakh

6. Technical Associations/Societies:

Sr. No.	Name of Professional Societies/ Institutions	Name of the Faculty	Status	National/ International
1.	Council of Architecture	Dr. Minakshi Jain	CA/90/13558	National
2.	Indian Society of Landscape Architects	Dr. Minakshi Jain	J-10/A2007	National
3.	Council of Architecture	Dr. Bhanu Marwaha	CA/92/15454	National
4.	Associate Member of The Indian Institute of Architects Mumbai	Dr. Bhanu Marwaha	A-14291	National
5.	Associate Member of The Indian Institute of Architects Mumbai	Dr. I.P. Singh	A-16465	National
6.	Council of Architecture	Dr. I.P. Singh	CA/89/12443	National
7.	Council of Architecture	Ar. Amanjeet Kaur	CA/2001/28647	National
8.	Member of The Indian Institute of Architects Mumbai	Ar. Amanjeet Kaur	Lifetime	National
9.	Council of Architecture	Ar. Amitava Sarkar	CA/2003/31657	National

10.	Council of Architecture	Ar. Vandna Sharma	CA/2005/36353	National
11.	Council of Architecture	Ar. Venu Shree	CA/2006/38789	National
12.	Member of The Indian Institute of Architects Mumbai	Ar. Sandeep Sharma	Lifetime	National
13.	Council of Architecture	Ar. Sandeep Sharma	CA/2006/37836	National
14.	Member of The Indian Institute of Architects Mumbai	Ar. Puneet Sharma	Lifetime	National
15.	Council of Architecture	Ar. Puneet Sharma	CA/2004/33626	National
16.	Institute of Urban Design India	Ar. Puneet Sharma	Lifetime	National
17.	Member of The Indian Institute of Architects Mumbai	Ar. Aniket Sharma	Lifetime	National
18.	Council of Architecture	Ar. Aniket Sharma	CA/2006/38390	National
19.	Associate Member of Institute of Town Planners, India	Ar. Aniket Sharma	Lifetime (2011-119)	National
20.	Member, Indian Society of Heating, Refrigeration & Air Conditioning Engineers (ISHRAE)	Ar. Aniket Sharma	2017-2020	National
21.	Life Member, Indian Building Congress (IBC)	Ar. Aniket Sharma	Lifetime (ML6231)	National
22.	Life Member, Indian Concrete Institute	Ar. Aniket Sharma	Lifetime (10542)	National
23.	Member, Autodesk User Group International Organization (AUGI)	Ar. Aniket Sharma	Lifetime	International
24.	General Member, International Network for Traditional Building, Architecture and Urbanism (INTBAU)	Ar. Aniket Sharma	Lifetime	International
25.	Member of The Indian Institute of Architects Mumbai	Ar. Neetu Kapoor	Lifetime	National
26.	Council of Architecture	Ar. Neetu Kapoor	CA/2006/37880	National

7. Equipment acquired:

Sr. No.	Name of Equipment	Name of Manufacturer	Cost (Rs. In lakh)
1.	NIL	-----	-----

8. Details of Laboratories:

- a. Audio Visual Lab
- b. Research & Documentation Lab
- c. Surveying Lab
- d. Climatology Lab
- e. Reprographic Lab
- f. Workshop
- g. Model Making Lab
- h. Computer Lab

9. Student Activities:

- i) Society Interiors Design Competition 2017
- ii) Nimbus 2017

DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES



1. ACADEMIC STAFF

HEAD: Dr. Yogesh Gupta
Ph.D

FACULTIES:-

Professor	Associate Professor	Assistant Professor
Dr. Piar Chand Ph. D.	Dr. Yogesh Gupta Ph. D.	Dr. Saroj Thakur, Ph. D.
		Dr. Manoj Sharma, Ph. D.
		Dr. Mhod Adil, Ph.D
		Dr. Vivek Tiwari, Ph.D

2. RESEARCH:-

a) Research Publication:

I) Paper Published in National and International Conferences/Seminars:

- Yogesh Gupta and Nisha Kumari (2016) Investigation of Role and Relevance of Marketing for Micro Industries: A case study of Hamirpur District in Himachal Pradesh", International Journal of Humanities and Social Sciences (IJHS), Vol. I Issue-I, July-2016, pop. 40-51.
- Yogesh Gupta and Nisha Kumari (2016): " Exploring Impact of product and consumer characteristics of E-commerce, Adoption", Sajmmr: South Asian Journal of Marketing & Management Research, Vol. 6 Issue 6-7, June-Uly 2016, pp. 12-26.

ii) National and International Conferences/Seminars/workshop organized:

- 1) Two days International Conference on Technology Management (ICTM-2016) July 14-15, 2016.
- 2) Case writing workshop: Development of cases in Business Management Education 03 days 17th to 19th March, 2017.

b) Ph.D. Degree Awarded:

Sr. No.	Title	Guide's	Name of Student	Brief Report
1.	Job Stressor, Emotion and Organization Justice as an Antecedent of Counterproductive Work Behavior Among Bank Employees	Dr. Piar Chand, Professor	Mr. Pawan Kumar Chand	Degree Awarded
2.	The Relationship of Transformational Leadership, Emotional Intelligence and work Alienation with Organizational Citizenship Behavior – An Empirical Study	Dr. Piar Chand, Professor	Ms. Tanvi Mahajan	Degree Awarded

c) PAPER REVIEWER – Many Journal of Emerald**d) DOCTORAL PROGRAMME: 05 Nos. on going**

Sr. No.	Title	Guide's	Name of Student	Brief Report
1.	Workplace spirituality, Emotional ownership, job satisfaction: a Paradigm for managing job stress.	Prof. Piar Chand	Mr. Vikrant Jaswal	In progress
2	Performance An analysis of Indian Textile Exports: A study of post Reform Period.	Dr. Manoj Sharma	Mr. Rahul Dhiman	In progress
3	--	Prof. Piar Chand	Ms. Sonika	In progress
4	--	Dr. Manoj Sharma	Ms. Ritu Rana	In progress
5	--	Dr. Manoj Sharma Prof. Piar Chand	Mr. Daljit Singh	In progress

3. DETAIL OF THE LABORATORIES:

Sr. No.	Name of the Laboratory
1.	Language Lab

DEPARTMENT OF PHYSICS



1. ACADEMIC STAFF:

HEAD Dr. Subhash Chand
 Ph.D

FACULTIES:-

Professor	Associate Professor	Assistant Professor
--	Dr. Subhash Chand, Ph. D	Dr. Rajesh Kumar, Ph. D
	Dr. Arvind Kumar, Ph. D	Dr. Vimal Sharma, Ph. D
	Dr. Kuldeep Kumar Sharma, Ph. D	

2. RESEARCH:

(a) Research scheme:

Title of the scheme	Sponsored by	Assistance received(Rs.) in lakh	Investigator	Brief Report
Effect of Swift Heavy Ion irradiation on magneto transport properties of multilayer of colossal magneto resistance (CMR)/High-TC Superconductors (HTCS)/CMR Thin Films	IUAC Delhi	06.00	Dr. Kuldeep Kumar Sharma	Completed

(b) Research Publication

i) PAPER PUBLISHED BY FACULTIES:

LIST OF PUBLICATIONS

1. Journal of Materials Science: Materials in Electronics Synthesis and characterization of flower like ZnO structures and their applications in photo catalytic degradation of Rhodamine B dye. N. Rana, Subhash Chand and Arvind K. Gathania J Mater Sci: Mater Electron (2016) 27:2504–2510 DOI 10.1007/s10854-015-4051-7 Impact Factor 1.798 ISSN 0957-4522.
2. Fabrication and electrical characterization of nickel/p-Si Schottky diode at low temperature Rajender Kumar, Subhash Chand Solid State Sciences 58 (2016) 115-121 10.1016/j.solidstatesciences.2016.06.003 Impact Factor: 2.041 5-Year Impact Factor: 1.916 ISSN 1293-2558.
3. Effect of carbon nanotube addition on the thermite reaction in the Al/CuO energetic nanocomposite, Manjula Sharma, Vimal Sharma, 04 May 2017, 1921-1938, 2017, Philosophical Magazine.
4. Numerical analysis of inhomogeneous Schottky diode with discrete barrier height patches Priyanka Kaushal and Subhash Chand INTERNATIONAL JOURNAL OF ELECTRONICS Vol 103, 937-949, 2016.
5. EFFECT OF PHOTONIC STRUCTURE ON THE OPTICAL PROPERTIES OF THE YVO₄-Eu³⁺ PHOSPHOR, Shashi Thakur, Naresh Dhiman, Amit Sharma and Arvind K. Gathania, J. of Electronic Materials, 46(4), 2085-2089, 2017.
6. INFILTRATED SILICA PHOTONIC CRYSTAL WITH LIQUID CRYSTAL AND VARIOUS ORGANIC LIQUIDS, Naresh Dhiman, Dinesh Pathak, BP Singh, Arvind K. Gathania, Surface Review and Letters, 24(4), 1750054 (1-4), 2017.

PAPER PRESENTED IN CONFERENCE/SEMINAR/SYMPOSIUM: - NIL

1. PAER ACCEPTED FOR PUBLICATION: -Nil-

2. PATENT: -Nil-

(c) Doctoral Programme: - 04 Nos. ongoing

Sr. No	Title	Guide	Name of the student	Brief Report
1..	Effect of Swift Heavy Ion irradiation on magneto transport properties of multilayer of colossal magneto resistance (CMR)/High -TC Superconductors (HTCS)/CMR Thin Films	Dr. Kuldeep Kumar Shrama	Mr. Arvind Kumar	In progress
2.	New admission	Dr. Vimal Sharma Dr. Subhash Chand	Mr. Munish Rangra	In Progress
3.	To study the effect of Nickel substitution at B site of RCO_3	Dr. Rajesh Kumar	Mr. Ashok Kumar	In progress
4.	New admission		Ms. Leela Vati	In progress

(d) Ph.D. Degree awarded: -

Sr. No	Title	Guide	Name of the student	Brief Report
1.	Fabrication and characterization of Metal Zinc Oxide Silicon and Metal Silicon Heterojunction	Dr. Subhash Chand	Mr. Rajender Kumar	Completed
2.	Band Gap Engineering of Zinc Oxide by Cadmium and Magnesium Doping using SO Gel Synthesis	Dr. Arvind Kumar	Ms. Neha Rani Rana	Completed
3.	Development of three dimensional structure for photonics application		Mr. Shashi Kumar	Completed
4.	Tailoring the properties of CNT reinforced Metal Matrix Composites	Dr. Vimal Sharma	Ms. Manjula Sharma	Completed

(e) Master Thesis completed: - -Nil-

7. EQUIPMENT ACQUIRED: -NIL-

8. TECHNICAL ASSOCIATION/SOCIETIES: - Nil

9. DETAIL OF THE LABORATORIES:

Sr.No.	Name of the Laboratory
1.	UG Lab
2.	R & D Lab I
3.	R & D Lab II
4.	R & D Lab III
5.	M.Sc. Lab

Sr. No.	Title	Guide	Name of the student	Status
1.	Synthesis and characterization of ZnO thin films by sol-gel method	Dr. Subash Chandra	Mr. Rajender Kumar	Completed
2.	Structural and optical properties of ZnO thin films by sol-gel method	Dr. Subash Chandra	Mr. Nisha Ram	Completed

DEPARTMENT OF CHEMISTRY



1. ACADEMIC STAFF

HEAD **Dr. Bharti Gaur**
Ph.D

FACULTIES:-

Professor	Associate Professor	Assistant Professor
Dr. A.S. Singha	1) Dr. Pamita Awasthi Ph.D	1) Dr. Raj Kaushal, Ph.D
	2) Dr. Bharti Gaur Ph.D	2) Dr. K.S. Ghosh, Ph.D
		3) Dr. Jaibir Kherb, Ph.D

2. SEMINAR, SYMPOSIA, SUMMER SCHOOL, WINTER SCHOOL, SHORT TERM COURSES

Sponsoring Agency	Name of the Coordinator	Title of the seminar/symposia etc.	Duration	Venue
MHRD-GIAN	Dr. Kalyan S Ghosh Dr. Jaibir Kherb	Advanced Nanomaterials: Applications in Disease Diagnosis and Imaging'. Prof. Rohit Bhagara from University of Illinois, UC was the speaker in this lecture series.	May 29 - June 3, 2016	NIT Hamirpur

3. RESEARCH Research Scheme

Title of the scheme	Sponsored by	Assistance received(Rs.) in lakh	Investigator	Brief Report
Manufacture of pine needle based fiber/Particle boards	DST, Govt. of India	40.77 Lacs	Dr. Bharti Gaur	On going
Exploring diversity, Functional Dynamics and Biotechnological Applications of Bacterial Communities Inhabiting Hot Water Spring Atop the Himalayan Ranges at Manikaran, Himachal Pradesh, India	DBT Govt. of India	52,23,200	Dr. Bharti Gaur Prof. Rup Lal Prof. Mallikarjun N Shakarad	On going
Designing, preparation, characterization and ant proliferative activity of titanium based drugs.	Funded by : SERB, DST, New Delhi	Amount -11 lacs	Dr. Raj Kaushal	On going
Inhibition of the fibrillation of β and γ -crystallins: An Alternate way against cataract	SERB-DST, Govt. of India	24 lakhs	Dr. Kalyan S. Ghosh	Completed

4. Research Publication: (w.e.f. 1.04.2016 to 31.03.2017)

1. Kali Dass, SR Chauhan, **Bharti Gaur**, 'Study on the effects of nano-aluminum-oxide particulates on mechanical and tribological characteristics of chopped carbon fiber reinforced epoxy composites' *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*, 231 (4), 403-422, 2016
2. Swati Awasthi, Vaishnav Kiran, **Bharti Gaur**, 'Influence of hydrophobic block length and ionic liquid on the performance of multiblock poly (arylene ether) proton exchange membrane' *International Journal of Hydrogen Energy*, 42 (16), 11710–11723, 2017.
3. Swati Awasthi, **Bharti Gaur**, 'Polymer Electrolytes: Ionic Liquid Modified Phenolphthalein Based Hybrid Multiblock Poly (Arylene Ether) Copolymers' *Journal of the Electrochemical Society*, 164 (8), H5057-H5067, 2017.

4. Kali Dass, SR Chauhan, **Bharti Gaur**, 'Study on the effects of nanoparticulates of SiC, Al₂O₃, and ZnO on the mechanical and tribological performance of epoxy-based nanocomposites' *Particulate Science and Technology*, 1-18, 2016, [dx.doi.org/10.1080/02726351.2016.1184730](https://doi.org/10.1080/02726351.2016.1184730)
5. Sheetal and **Raj Kaushal**, *In vitro* Anticancer and Antibacterial Activities of Octahedral Ruthenium(III) Complexes with Hydroxamic Acids. Synthesis and Spectroscopic Characterization, *Russian journal of General Chemistry*, 2016, vol 86, issue 2.
6. Sheetal, *Kiran Nehra*, Rajeev Kaushal, Saroj Arora, Davinder Kaur, Raj Kaushal Octahedral Titanium (IV) Complexes with Five Novel Hydroximates Ligands: Synthesis, Spectroscopic Characterization And In Vitro Activities On IMR-32 And CHO Cell Line And Ten Bacterial Strains, *Russian Journal of General Chemistry*, 2016, vol 86, issue 1, 154–160.
7. Raj Kaushal, Sheetal Thakur and Kiran Nehra, ct-DNA Binding and Anti-bacterial Activity of Octahedral Titanium (IV) Heteroleptic (Benzoylacetone and Hydroxamic Acids) Complexes, *International journal of Medicinal Chemistry*, Volum 2016 (2016), Article ID 2361214, 11 pages <http://dx.doi.org/10.1155/2016/2361214>
8. Chauhan, P., Muralidharan, S. B., Velappan, A. B., Datta, D., Pratihari, S., Debnath, J. and **Ghosh, K. S.** (2017) Inhibition of copper-mediated aggregation of human γ D-crystallin by Schiff bases, *J. Biol. Inorg. Chem.* 22, 505-517.

5. **Doctoral Programme:-** 11 Nos. on going

Ph.D Degree Awarded:- 03 Nos.

Doctoral Programme:

Sr. No	Title	Guide	Name of the student	Brief Report
1	"Synthesis, characterization biological and computational study of Anticancer drugs"	Dr. Pamita Awasthi,	Ms. Manu Vatsal	In Progress
2	"Synthesis, Characterization and Performance Evaluation of Poly Arylene Ether Ketone"	Dr. Bharti Gaur	Ms. Swati Awasthi	In Progress
3	"Inhibition of oxidative aggregation of crystallin proteins by synthetic and natural compounds"	Dr. K.S. Ghosh	Ms. Priyanka Chauhan	In Progress
4.	"Fibrillation of gamma crystallins and its inhibition by small molecules and chaperones"	Dr. K.S. Ghosh	Ms. Vandna Sharma	In Progress

5	"Synthesis, Characterization, Bioassay and Computational Studies of Sulfonamide analogues having multifunctional Applications.	Dr. Pamita Awasthi	Ms. Kirna	In Progress
6.	"Metal-Indole Complexes as Potential Anticancer Agents"	Dr. Raj Kaushal	Ms. Archana Thakur	In Progress
7.	"Self Heating Thermoset Resin"	Dr. A.S. Singha Dr. Bharti Gaur	Ms. Tamanna Thaukr	In Progress
8.	"Juvenoids as insect growth regulations	Dr. Pamita Awasthi	Ms. Vandna Devi	In Progress
9.	"Carbon based quantum Dots as sensors"	Dr. Jaibir Kherb	Ms. Shameema Rana	In Progress
10.	"Proton Exchange Membranes for Fuel cell application"	Dr. Bharti Gaur Dr. A.S. Singha	Ms. Rashi	In Progress
11.	"Posttranslational modifications on crystalline and its inhibition"	Dr. K.S. Ghosh	Ms. Shiwani Rana	In Progress

6. Popular Lectures by outside experts:

Sr. No.	Date	Speaker	Topic
1.	29.05.2016 to 3.06.2016	Prof. Rohit Bhagara from University of Illinois, UC was the speaker in this lecture series	Advanced Nano materials: Applications in Disease Diagnosis and Imaging'

7. EQUIPMENTS ACQUIRED:

Sr.No.	Name of Equipment	Qty	Name of manufacturer/Supplier	Cost
1.	Digital Electronic Balance	01	M/s Deep Distributors Near Rotary Eye Hospital Maranda, Palampur (HP) against Supply Order No. NIT/HMR/SPC/Chemistry/38/45/2016/830-832 dated 20.09.2016	53,235.00
2.	Hot Air Oven & Magnetic Stirrer with Hot Plates 2 No.	01	M/S Kapur Scientific Traders, 2759/2-D, Timber Market, Ambala Cantt-133001 against Supply Order No. NIT/HMR/SPC/Chemistry/38/45/2016/827-29 dated 20.09.2016	10,225.00

3.	Horizontal Electrophoresis Unit	01	M/S Research Aid Instrument & Services, Prabhu Chhaya Bhawan, Baijnath Road, Palampur (HP)-176061 against Supply Order No. NIT/HMR/SPC/Chemistry/1477-79 dated 1.03.2017	56,602.00
4.	Hand Held UV Lamp with Automatic Safety	01	M/S Research Aid Instrument & Services, Prabhu Chhaya Bhawan, Baijnath Road, Palampur (HP)-176061 against Supply Order No. NIT/HMR/SPC/Chemistry/1477-79 dated 1.03.2017	35,604.00

8. DETAIL OF THE LABORATORIES:

Sr. No.	Name of the Laboratory
1.	Research & Development Laboratory R&D Lab (PG)
2.	Under Graduate (UG) Laboratory
3.	Instrumentation Laboratory

DEPARTMENT OF MATHEMATICS



1. ACADEMIC STAFF

HEAD- Dr. Ramesh Kumar Vats
Ph. D

2. FACULTIES

Professor	Associate Professor	Assistant Professor	Faculty/Lecturer (on contract)
Dr. Y. D. Sh arma Ph. D.	Dr. Ramesh Kumar Vats, Ph. D.	Dr. Pawan Kumar Sharma, Ph. D.	Dr. Kushal Sharma
Dr. Sunil Ph. D.		Dr. Suket, Ph. D.	
		Dr. Rajesh Kumar Sharma, Ph.D. (On Contract)	
		Dr. Abhishek Singh, Ph.D. (On Contract)	
		Dr. Talari Ganesh, Ph.D. (On Contract)	

3. RESEARCH (2016-2017)**(a) Research Publication:****Paper published in Journal National and International/Conferences/Seminars:**

1. **Nitin Sharma, S. Kango, A. Tyal R. K. Sharma, Sunil, (2016)** "Investigation on the influence of surface texturing on a couple stress fluid based journal bearing by using JFO boundary conditions". "Tribology Transaction", **59(3)**, 579-584.
2. **Nitin Sharma, R. K. Sharma, Sunil, S. Kango, (2016)** "A Comparative study for lubrication of surface textured porous journal bearing with two different non-Newtonian fluid models". "Int. J. Surface Science and Engineering" **10(5)**, 485-502.
3. **Amit Mahajan, Sunil, Mahesh Kumar Sharma, (2017)** "Linear stability analysis of penetrative convection via internal heating in a ferrofluid saturated porous layer". Fluids (Switzerland).
4. **Abhishek Singh et.al, (2017)** "Siblings and family user clustering of underweight children in northern India, JBS, Vol.49, issue3, pp.348-363"
5. **Neha Gupta, S. Verma, Abhishek Singh et.al, (2016)** "Adaptation of locally available portion sizes for food frequency questionnaires IJCM, Vol.41, issue(3), PP,228-233".
6. **Rajesh Sharma Anuar Ishak, Ioan Pop, (2016)** "Stagnation point flow of a micro polar over a Stretching shrinking sheet with second Order velocity slip, journal of Aerospace Engineering, 29(2016) 04016025".

(b) National and International Conference/Seminars/Workshop organized : (2016-17)

(c) Research scheme (2016-17)

S.No	Name of the staff	Title of the scheme	Sponsored by	Assistance received (Rs.) in lakh	Investigator	Brief Report
1	Dr. Rajesh Kumar Sharma,	"Numerical investigations of some momentum & Heat transfer problems in complex Nano Fluids"	SERB, Govt. of India	6.87350/- Lakh.	Principal Investigator	One J.R.F. Recruited

(d) Participated by faculty Member: (2016-17)

4. PH.D. DEGREE AWARDED-02: (2016-17)

S.No	Title of the Thesis	Name of the Guide's/Supervisor	Name of Student/Regn.No	Brief Report
1	"EXISTENCE OF FIXED POINTS FOR MAPPINGS IN METRIC,MENGER AND FUZZY METRIC SPACES"	Dr. Ramesh Kumar Vats Associate Professor & Head, Mathematics Department, NIT Hamirpur (HP)	Ms. Manju Grewal No.2K10-Ph.D-Maths-116	Degree Awarded
2	"MATHEMATICAL ANALYSIS OF VIBRATIONS FUNCTIONALLY GRADED THERMOELASTIC STRUCTURES"	Dr. Pawan Kumar Sharma, Assistant Professor Department of Mathematics NIT, Hamirpur (HP)	Mr. Krishna Chandra Mishra No.2K11-Ph.D-Maths-193	Degree Awarded

5. DOCTORAL PROGRAMME: 04.on going: (2016-17)

S. No.	Title	Guide's Name	Name of Student	Registration No	Brief Report
1	"Some Problems on Bio-Connection in a Suspension Saturated with Nano Fluid"	Dr. Y. D. Sharma	Ms. Shivani	2k15-Ph.D-Math-286	In progress
2	"Solutions of Fractional different by using fixed point theory"	Dr. R. K. Vats	Mr. Sachin Kumar	2k15-Ph.D-Math-287	In progress
3	---	Dr. R. K. Vats	Mr. Ankit Kumar Nain	-	In progress
4	---	Dr. R. K. Sharma	Mr. Ankit Kumar	-	In progress

6. DETAIL OF THE LABORATORIES:

S. No.	Name of the Laboratory
1	Computation Lab

DEPARTMENT OF CHEMICAL ENGINEERING



1. ACADEMIC STAFF

HEAD: Dr. Pamita Awasthi
Ph. D.

FACULTIES:

Professor	Associate Professor	Assistant Professor	Lecturer(On Contract)
--	Dr. Pamita Awasthi	Dr. Radhe Shyam	Dr. Vijay Singh
		Dr. Leela Manohar	Dr. Arijit Das
		Dr. Tapas Palai	Dr. Jogender Singh
			Dr. Deepak Sahu

2. DISTINCTION ACHIEVED:

- a) Miss Tanya Agarwal (Roll No.13747) student of B. Tech-final year, department of chemical engineering has been selected to the **award of Director Medal** for Best All Rounder, for the year 2016-17.
- b) Aditya Goyal (Roll No. 15731) student of B. Tech.-second year, department of chemical engineering has been awarded with the MHRD Excellent performance award – 2016.
- c) Arjun Malhotra (Roll No. 15734) student of B. Tech.-second year, department of chemical engineering has been awarded as the Best Delegate ISTE Model United Nations.
- d) **Job Placement:** The students are placed in various core chemical engineering and software industries.
- e) **Gate-2017:** B. Tech 4th-year students secured very good ranks in Gate-2017, despite being the very first batch of the Chemical Engineering Department. The details of the Gate- 2017 qualified students are given below.

Sr. No	Name of Student	Roll No.	Rank Gate-2017
1.	Rajat Tomar	13741	22
2.	Brijesh Pratap Singh	13754	31
3.	Aashish Thakur	13731	60
4.	Mohd Saif	13744	188
5.	Neha Goyal	13725	206
6.	Ankul Joshi	13752	274
7.	Yagya Priya Madhukar	13750	274
8.	Avinash Jaiswal	13749	417
9.	Susheel Bhardwaj	13708	472
10.	Rishabh Agarwal	13756	522
11.	Abhay Kumar	13720	551
12.	Bhavesk Kumar	13714	1319
13.	Nimesh Srivastav	13729	1429
14.	Samyank Jain	13748	1429
15.	Tanya Agarwal	13747	1500
16.	Amit Kumar	13753	1703
17.	Abhirai Singh Thakur	13716	2043
18.	Priyanka	13738	2216
19.	Devendra Poonia	13760	2548
20.	Sarvesh Palwal	13734	2985
21.	Anupam Dhiman	13718	3882

3. INDUSTRIAL VISIT:

Industrial visit of B. Tech (3rd year) and M. Tech. (1st year) students was organized to Procter & Gamble, India [manufacturing unit at Baddi, Solan (H.P)] on 25 March 2017. P&G is one of the largest and fastest growing consumer goods company in India, established in 1964. P&G India now serves over 650 million consumers across India. The industry visit was aimed to give an exposure and insight to the students about practical applications of chemical engineering. Initially, historical detail and establishment of company were briefed to all the students. The students were allowed to visit different sections of manufacturing unit viz processing unit and packaging. A brief detail about the manufacturing units and packing of products such as soap and detergent were given. The above training helped the students to become technically sound in the field of industrial manufacturing and packaging.

4. ACADEMIC AND TECHNICAL EVENTS ORGANISED:

4.1 CONSTITUTION DAY

The department of chemical engineering has organised various events under celebration/observance of “**CONSTITUTION DAY**” on 26th November 2016 in the Department of Chemical Engineering, National Institute of Technology, Hamirpur (H.P).

- ❖ Reading of the preamble to the Constitution
- ❖ Reading of the Fundamental Duties as enshrined in Article 51A of the Constitution.

4.2 Rashtriya Ekta Saptah

The Department of Chemical Engineering has organised “**Rashtriya Ekta Saptah**” from **October 31 to November 6, 2016**. The students, faculty members and staff of the department have actively participated. The various events are organised as under:

- 1.2.1 The Quiz and Essay Writing Competition was organised on 03.11.2016.
- 1.2.2 The Slogan Writing Competition was conducted by inviting all the students of NIT Hamirpur through online competition starting from 02.11.2016 to 06.11.2016.
- 1.2.3 The Prize and Certificate has been given to the winner students participated in the Slogan Writing Competition:

4.3 Workshop on 'Photoshop'

The chemical Engineering Society 'Dravya' organized a half day workshop on 'Photoshop' on 21st January, 2017. Around 55 students participated in the workshop. The basic features of Photoshop were analyzed and hands-on working out was demonstrated.

4.4 Gate Mock Test-2017

The department of chemical engineering organized the mock test for Gate-2017 on 21st January 2017, which helped students to secure good ranks in the Gate-2017.

4.5 Fresher's Party

Fresher's Party for Incoming students of the 2016th batch of chemical engineering students were organised on 7th February 2017.

5. SEMINAR, SYMPOSIA, SUMMER SCHOOL, WINTER SCHOOL, SHORT TERM COURSE

a. Conducted by the Department:

Sponsoring Agency	Name of the Coordinator	Title of the seminar/symposia etc.	Duration	Venue
NIT Hamirpur under TEQIP-II	Dr. Radhe Shyam and Dr. Varun	Computational Fluid Dynamics and Heat Transfer	05-10 September 2016	NIT Hamirpur
NIT Hamirpur under TEQIP-II	Dr. Pamita Awasthi and Dr. Leela Manohar Aeshala	Industry interaction Programme	21-22 October 2016	NIT Hamirpur

❖ Department of chemical engineering organized a TEQIP-II sponsored Short Term Course (STC) on Heat Transfer and Computational Fluid Dynamics. Distinguished experts of this area interacted and shared their experience with the participants during the programme. The participants from the industry and academia appreciated the STC course after its completions and expressed their interest to attend another course on advanced CFD with more application examples if organized in future.



- ❖ Department of chemical engineering organized a Workshop on Industry Institute Interaction Programme from 21-22 October 2016. Distinguished experts from industry and Academic Institutes interacted and shared their experience with the participants during the programme. Curriculum design development, campus and off-campus placements and Training/Internship opportunities for the B. Tech students in the R&D Labs and Industries. **Shri Rajesh Sharma, IAS, Director of Industries, Himachal Pradesh** has announced from the stage that an incubation facility would be developed at NIT Hamirpur. The facility will be used by both NIT Hamirpur as well as industries people. The incubation facility will provide research and development platform to the students and also help them to develop an understanding of environment and requirement of the industries.
- ❖ The student chapter of Indian Institute of Chemical Engineers (IIChE) was inaugurated by **Sh. Anand Kumar, Director, Petrotech Society** on 21st October 2016. IIChE is a confluence of streams of professionals from academia, research institute and industry. It provides a wide range of opportunities for the development of chemical engineering science and its applications. The workshop on Industry Institute Interaction Programme was organized from 21-22 October 2016, to provide a forum to the eminent researchers, engineers and the students of NITH to discuss their ideas on emerging issues in the field of chemical engineering.





b. Participated by faculty Members:

Name of the Staff	Course/Seminar	Held at Organization	Duration	Venue
Dr. Radhe Shyam	International Conference	NIT Allahabad	15-17.12.2016	NIT Allahabad
Dr. Pamita Awasthi	Workshop	HFRI, Panthghati Shimla	25.11.2016	Shimla (HP).

c. Expert Lecturers delivered by faculty Members:

Dr. Jogender Singh of the department of Chemical Engineering delivered an expert lecture on Application of CFD to Study the Heat Transfer in Complex Micro-Geometries at Short Term Course organized by Department of Chemical Engineering and TQUIP-II, NIT Hamirpur, 05-10 September 2016.

6. RESEARCH PROJECT AND RESEARCH PUBLICATION:

a) Research Project

Title of the Research Project	Sponsored by	Assistance received (Rs. in lakh)	Investigator/ PI	Brief Report.
Flow and Heat Transfer Over a Corrugated Tube Placed in Non-Newtonian Power-Law in the Presence of Magnetic Field	Science & Engineering Research Board (SERB), Department of Science & Technology (DST), Government of India	Rs. 21.5	Dr. Radhe Shyam	Sanctioned vide FILE NO. ECR/2016/001033 SCIENCE & ENGINEERING RESEARCH BOARD 5 & 5A, Lower Ground Floor Vasant Square Mall Plot No. A, Community Centre Sector-B, Pocket-S, Vasant Kunj New Delhi-110070 Dated: 15-Sep-2016 for a period 03 years.
Development of Amine Functionalized Polymer Electrolytes for Reduction of CO ₂ to Fuel.	Science & Engineering Research Board (SERB), Department of Science & Technology (DST), Government of India	35.42	Dr. Leela Manohar Aeshala	Sanctioned vide FILE NO. ECR/2016/001340 SCIENCE & ENGINEERING RESEARCH BOARD (SERB) (a statutory body of the Department of Science & Technology, government of India) 5 & 5A, Lower Ground Floor Vasant Square Mall Plot No. A, Community Centre Sector-B, Pocket-5, Vasant Kunj New Delhi-110070 Dated: 28-Feb-2017 for a period 03 years.

Water treatment for Removal of Chromium and Arsenic by Microbial Method Followed by Adsorption: Sustainable Solution with Minimum Environmental Impact.	Science & Engineering Research Board (SERB), Department of Science & Technology (DST), Government of India	42.52	Dr. Tapas Palai	Sanctioned vide FILE NO. ECR/2016/001844 SCIENCE & ENGINEERING RESEARCH BOARD(SERB) (a statutory body of the Department of Science & Technology, government of India) 5 & 5A, Lower Ground Floor Vasant Square Mall Plot No. A, Community Centre Sector-B, Pocket-5, Vasant Kunj New Delhi-110070 Dated: 23-Mar-2017 for a period 03 years.
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a) Research Publication

- i. **Papers published by Faculties:**
- ii. **Papers accepted for publication:** Nil
- iii. **Patent:** Nil
- iv. **Doctoral Programme:** Nil
- v. **Master thesis completed:** Nil
- vi. **Ph.D Degree awarded:** Nil
- vii. **Popular Lectures by outside experts:**

Sr. No.	Date	Speaker	Topic
	Nil	Nil	

7. EQUIPMENT ACQUIRED:

Sr. No.	Name of Equipment	Qty	Name of manufacturer/Supplier	Cost in Rs.
1.	HP Laser Jet Printer	01	M/s New Gautam Traders Anu, Hamirpur	Rs.8,950.00

8. CONSULTANCY SERVICES: Nil

9. TECHNICAL ASSOCIATION/SOCIETIES: Nil

10. DETAILS OF LABORATORIES:

- Fluid Mechanics Laboratory
- Heat Transfer Laboratory
- Mechanical Unit Operation
- Mass Transfer Laboratory
- Process Dynamic Control Laboratory
- Chemical Technology Laboratory
- Energy Technology Laboratory
- Chemical Reaction Engineering Laboratory
- Computer Lab
- Industrial Pollution Abatement Lab

CENTRE FOR EXCELENCE IN MATERIAL SCIENCE & ENGINEERING



1. ACADEMIC STAFF

HEAD Dr. Ravi Kumar
Ph.D

FACULTIES:

Professor	Associate Professor	Assistant Professor (On Contract)
Dr. Ravi Kumar Ph. D	Dr. Vishal Singh Ph. D	Dr. Vikram Verma

2. DISTINCTION ACHIEVED

- (a) By student: -
(b) By faculty Member: -

3. SEMINAR, SYMPOSIA, SUMMER SCHOOL, WINTER SCHOOL, SHORT TERM COURSE

a. Conducted in the department.

Sponsoring agency	Name of the Coordinator	Title of the Seminar/symposia	Duration	Venue
-	-	-	-	-

b. Participated by Faculty Members:

Name of the Staff	Course/Seminar	Organization	Duration	Venue
-	-	-	-	-

5. RESEARCH

a) Research Scheme:

Title of the Scheme	Sponsored by	Assistance Received (Rs) in lakh	Investigator	Brief Report
-	-	-	-	-

a) Research Publication:-

PAPER PUBLISHED BY FACULTIES:

IN INTERNATIONAL CONFERENCES//SEMINAR/SYMPOSIUM

1. "Disappearance of Metal-Insulator in NdNiO₃/LaAlO₃ thin films by ion irradiation Controlled Stress" Yogesh Kumar, R.J. Chaudhary and Ravi Kumar J.App. Physics 120 (2016) 115306
2. "Ferri-Magnetic order in Mn induced Spinal CO_{3-x}M_{nx}O₄ (0.1≤x≤1) Ceramic Composites" P.L. Meena, K.Sreenivas, M.R Singh, Ashok Kumar, S.P. Singh and Ravi Kumar. J. Mag. Mag. Materials 403 (206) 193-198
3. "Ni3d-O2p Hybridization dependent Magnetic Properties of LaNiO₃ thin films" Yogesh Kumar, A.P. Singh, S.K. Sharma, R.J Choudhary, P. Thakur, M. Knobel, N.B. Brooks and Ravi Kumar, Thin Solid Films 619 (2016) 144-147
4. "Radiation Induced Color Centres in Cr-doped LiF Phosphor" Satinder Kumar, A.K. Gathania, Ankush Vij and Ravi Kumar. Materials Focus 5 (2016) 281-286.
5. "Gamma Induced thermo luminescence and Color Centre Study of Dy doped LiF micro cubes". Satinder Kumar, A.K. Gathania, Ankush vij and ARvi kumar, Ceramics International (2016)
6. Sanjeev Katoch, Rakesh Sehgal, and Vishal Singh, *Evaluation of wear resistance of cryogenically treated hot die steel AISI-H11*, IVth International conference on production and industrial engineering (CPIE-2016) December 19-21, 2016, NIT, Jalandhar, Punjab. ID No 0342, pp. 936-940.
7. P. Ravi, A. Gupta, S. Kaur, V. Singh, S. Kumar and D. Kumar, Study of Structural and Optical Properties of Fe doped CuO Nanoparticles, AIP Conference Proceedings 1728, 020057 (2016); doi:10.1063/1.4946108.

8. N. Kaur, Abhinav, G. P. Singh, **V. Singh**, S. Kumar and D. Kumar, Optical and Structural Properties of Fe-doped SnO_2 Nanoparticles prepared by Co-Precipitation Method, AIP Conference Proceedings, 1728, 020055 (2016); doi:10.1063/1.4946106.
9. P. Graak, A. Devi, D. Kumar, **V. Singh** and S. Kumar, Preparation and Atomic Force Microscopy of CTAB stabilized Polythiophene Nanoparticles Thin Films, AIP Conference Proceedings 1728, 020049 (2016); doi:10.1063/1.4946099.

A. Paper Published in National Conferences

1. Sanjeev Katoch, Rakesh Sehgal, and **Vishal Singh**, *Influence of Cryogenic Treatment on toughness (CVN) and Hardness of Hot Die Steel (AISI-H11)*, National Conf. on Production Engineering COPE-2016, October 07-08, 2016 at Guru Nanak Dev Engineering College, Ludhiana (Pb.) India.

B. Invited talks/expert lectures delivered in conferences, workshop and short term courses (2016-17) by Prof. Ravi Kumar

1. "Search for new mechanism of d^0 magnetism: A case study of MoO_2 , TiO_2 and SnO_2 using x-ray absorption technique." Invited talk in Summer School on Magnetism July 11-15, 2016 at School of Physics and Materials Science, Thapar University, Patials.
2. "Role of Nano Technology in Civil Engineering". Expert lecture in short term course on "Sustainable built environment: issues and options" during 1-6 June, 2016 at Department of Architecture, NIT, Hamirpur.
3. "Innovations in materials science in 20th and 21st centuries." Expert lecture in **INSPIRE Science Internship Camp** from 23rd June to 27th June, 2016 to be held at M.L.S.M. Campus, Sundernagar.
4. "Nuclear power and safety: Clean energy sources." Expert lecture in **INSPIRE Science Internship Camp** from 23rd June to 27th June, 2016 to be held at M.L.S.M. Campus, Sundernagar.
5. "Role of ions in materials engineering; Nano structuring". Invited talk in Short term course on "Recent trends in Nanostructured Materials" during 19-23 September, 2016 at NIT, Jalandhar.
6. "Ion beams in magnetic and superconducting materials". Invited talk in International School on "Ion beams in materials science" during 22-27 September, 2016 at Inter University Accelerator Centre, New Delhi.
7. "Innovations in materials science in 20th and 21st centuries." Keynote Lecture in National Conference on "ANALYTICAL CHEMISTRY AND MOLECULAR SPECTROSCOPY (ACMS-2016)" Oct 13 – 14, 2016 at Department of Chemistry, NIT, Hamirpur.

8. "Search for new mechanism of d^0 magnetism: A case study of MoO_2 , TiO_2 and SnO_2 using x-ray absorption technique." Invited talk Silver Jubilee National Conference on "Study of Matter Using Intense Radiation Sources and Under Extreme Conditions" during Nov 3-6, 2016 at UGC-DAE Consortium for Scientific Research, Indore.
 9. "Innovations in materials science in 20th and 21st centuries." Expert lecture at Amity University, Gurgaon on 13th January, 2017.
 10. "Materials Engineering for Spintronics applications". Expert lecture on Foundation day of NIT, Patna on 27th January, 2017.
 11. "Materials Engineering for Spintronics applications". Invited talk in workshop on "Recent Trends in Materials Science" at Guru Nanak Dev University, Amritsar on 28th February, 2017.
 12. "Search for new mechanism of d^0 magnetism: A case study of MoO_2 , TiO_2 and SnO_2 using x-ray absorption technique." Invited talk in National Conference on "**Recent Advances in Materials Science and Spectroscopy-2017** scheduled from **February 15-17, 2017** in the Shri Mata Vaishno Devi University, Katra (J&K) India.
 13. "Innovations in materials science in 20th and 21st centuries." Invited talk in National Conference on "Advances in Basic and Applied Sciences" during 7-8 April, 2017 at Carrier Point University, Tikker-Kharwarian, Hamirpur.
- c) **PAPER ACCEPTED FOR PUBLICATION:** -NIL-
- d) **PATENT:** -NIL-
6. **Doctoral Programme:** 05 Nos. Ongoing
7. **Ph.D Degree awarded:** 03
8. **Master thesis completed:** 12 (Thesis to be submitted very shortly during June/July, 2017).

Sr. No.	Title	Guide	Name of the student (s)	Brief Report
1	Influence of Cutting Parameters on Surface Roughness in Turning of Titanium Grade9 and to study Tool Wear Mechanism and Chip Morphology	Dr. Vishal Singh	Mr. Vishvendra Pratap Singh (15M601)	
2	Machinability Investigation of Titanium Grade-5 Alloy by using PVD Coated TiAlN Carbide Insert and to Study Tool Wear Mechanisms and Chip Morphology		Mr. Sumit Bhan (15M602)	

3	Tribological Study of Graphite Filled Glass - Epoxy Composites		Ms. Deeksha Lohani (15M603)	
4.	Preparation And Characterization of Nanoclay/ Nylon Opposite Thin Films		Mr. Pankaj Bhardwaj (15M605)	
5.	Synthesis And Characterization Of Copper Oxide Nanoparticles	Dr. Vikaram Verma	Mr. Manoj Kumar (15M607)	
6.	Synthesis And Characterization Of Nickel Oxide Nanoparticles		Mr. Sandeep Kumar (15M608)	
7.	Tribological Study of Polypropylene /Glass Fibre/ Nanoclay Hybrid Composites Prepared By Using Twin Screw Extruder	Dr. Vishal Singh	Mr. Sahil Thakur (15M609)	
8.	Synthesis and characterization of Zinc, Stanatte nanoparticles	Dr. Ravi Kumar	Mr. Ayush Chandra Pundir (15M610)	

9. DOCTORAL PROGRAMME:

1	Syn and Optical, Electrical Characterization of P-type Transparent conducting Oxides Material	Dr. Vikram Verma/Dr. Ravi Kumar	Mr. Jarnail Singh	Ongoing
2	Synthesis and Characterization of LDPE, HDPE with fillers graphite GE, CNT and study the electrical and mechanical properties	Dr. Vishal Singh	Mr. Ashish	Ongoing
3	Structural , Electrical and Magnetic Studies of Transition Metal substituted RCrO_3	Dr. Ravi Kumar	Mr. Kapil Dev Singh	Ongoing
4	Ferroelectric Nano-Polymer Composite	Dr. Subhash Chand Deptt. of Physics	Mr. Sumit Bhardwaj	Completed
5	Nano-Phosphors	Dr. Arvind Kumar, Deptt. of Physics	Mr. Satinder Kumar	Completed

6.	Multiferroic Materials	Dr. Kuldeep Kumar Sharma, Deptt. of Physics	Mr. Joginder Pal Sharma	Completed
7.	Effect of Cryogenic Treatment on Mech. Metallurgical properties of Tool & Die Steels	Dr. Vishal Singh	Mr. Sanjeev Katoch	Ongoing
8.	Nano clay / Polymer Composites	Dr. Vishal Singh	Mr. Sudhir Saralch	Ongoing

10. POPULAR LECTURES BY OUTSIDE EXPERTS:

Sr. No.	Date	Speaker	Topic
1		NIL	

11. CONSULTANCY SERVICES:

Sr. No	Name of the Scheme	Sponsored Agency	Amount Earned
-	-	-	-

12. EQUIPMENT ACQUIRED:

Sr. No.	Name of equipment	Name of manufacturer	Cost (Rs. In lakh)
-	-	-	-

13. TECHNICAL ASSOCIATION / SOCIETIES:

-NIL-

14. DETAIL OF THE LABORATORIES:

Sr. No.	Name of the Laboratory
1.	Polymer Composites Lab
2.	XRD Lab
3.	FESEM / Nano Indentor Lab
4.	PLD Lab
5.	PL/Micro-Raman Lab
6.	Spectroscopy Lab
7.	Nano Tech. Lab
8.	UG Lab (Material Science & Engg.)

CENTRE FOR ENERGY AND ENVIRONMENTAL ENGINEERING



1. ACADEMIC STAFF

HEAD: Dr. N. S. Thakur, Professor
Ph.D

FACULTIES:

Professor	Associate Professor	Assistant Professor
Dr. S. S. Chandel	Dr. S. S. Katoch	Dr. Mamta Awasthi
Dr. N. S. Thakur		Dr. Sunanda Sinha (on contract)
		Mrs. Yashasvi Thakur (on contract)
		Ms. Anamika Gandhi (on contract)

2. DISTINCTION ACHIVED:

(a) By Student : 48

(2016-2017)	M.Tech (Energy Technology)	M.Tech (Environmental Engineering)
1 st Year	14	13
2 nd Year	10	11

(b) By Faculty Member: 04

3. SEMINAR, SYMPOSIA, SUMMER SCHOOL, WINTER SCHOOL, SHORT TERM COURSE

(a) Conducted in the Department: NIL

(b) Participated by Faculty Members:

Name of Staff	Course/Seminar	Organization	Duration	Venue
Dr. S. S. Katoch Assoc. Prof.	3 rd World summit on Accreditation	National Board of Accreditation	March 18 -20, 2016	The Leela Ambience Hotel Gurgaon (Delhi NCR)
Dr. S. S. Katoch Assoc Prof.	Characterizing the uncertainties in climate change impacts assessment for water resources	NIT Hamirpur(HP)	February 22-26, 2016	NIT Hamirpur(HP)
Dr. S. S. Katoch Assoc Prof.	International Conference on Civil and Environmental Engineering	IRAJ Research Forum, Goa	February 28, 2016	IRAJ Research Forum, Goa

4. RESEARCH:

(a) Research Scheme: NIL

(b) Research Publications:

(i) PAPER PUBLISHED BY FACULTIES: 06 Nos

Paper Published in International Journals:

S.No	Journal Name	Title of paper	Year in which publish	Author	Journal Pages
1.	Renewable Energy	Environmental Sustainability of run of river hydropower projects : A case study from western Himalyan region of India	2016	Kumar D, Katoch S.S.	599-607

2.	Renewable and Sustainable Energy Reviews	Review of energy efficient features in vernacular architecture for improving indoor thermal comfort conditions	2016	Chandel S. S., Vandna Sharma, and Bhanu M. Marwaha	459-477
3.	<i>Solar Energy</i>	A novel study for determining early life degradation of multi-crystalline-silicon photovoltaic modules observed in western Himalayan Indian climatic conditions	2016	Sharma, Vikrant, and S. S. Chandel	32-44
4.	<i>Energy Conversion and Management</i>	Analysis of fixed tilt and sun tracking photovoltaic-micro wind based hybrid power systems	2016	Sinha, Sunanda, and S. S. Chandel	265-275
5.	<i>Renewable and Sustainable Energy Reviews</i>	Review of energy efficiency initiatives and regulations for residential buildings in India	2016	Chandel S. S., Aniket Sharma, and Bhanu M. Marwaha	1443-1458
6.	<i>Renewable and Sustainable Energy Reviews</i>	Overview of the initiatives in renewable energy sector under the national action plan on climate change in India	2016	Chandel S. S., Rajnish Shrivastva, Vikrant Sharma, and P. Ramasamy	866-873

(i) **PAPER PRESENTED IN CONFERENCE/SEMINAR/SYMPOSIUM:**

International/National Conferences

1. Ameesh Kumar Sharma, Dr. N. S. Thakur, Hydro Power Energy For Sustainable Development In Jammu And Kashmir International Conference On "Hydro Power For Sustainable Development" Organised By Government Of Uttarakhand And Alternate Hydro Energy Centre, IIT Roorkee Held On Feb 05-07, 2015.

- i) **PAPER ACCEPTED FOR PUBLICATION** : Nil
- ii) **PATENT** : Nil
- (a) **Doctoral Programme:** 05 Nos.
- (b) **Ph.D. Degree awarded:** 05 Nos.
- (c) **Master Thesis Completed:** Nil
- (d) **DOCTORAL PROGRAMME:**

Sr. No.	Title	Guide	Name of Student	Brief Report
1.	Study of Photovoltaic–Wind based Hybrid Power Generation systems in the Western Himalayan Terrain	Prof. S. S. Chandel	Sunanda Sinha	Awarded
2.	Assessment of Sustainability Indicators for run of the River Hydropower Projects	Dr. S. S. Katoch	Deepak Kumar	Awarded
3.	Performance and Degradation Analysis of Different Photovoltaic Technologies under Field Conditions	Prof. S. S. Chandel	Vikrant Sharma	Awarded
4.	Artificial Neural Network Based Predication of Solar Radiation for Optimum Sizing of Solar Photovoltaic Systems for Power Generation	Prof. S. S. Chandel	Amit Kumar Yadav	Awarded
5.	Isolation and Identification of Indigenous Microalgae for Biofuel Production in Hamirpur (HP)	Dr. Mamta Awasthi	Vivek Prakash Pankaj	Awarded

(g) POPULAR LECTURES BY OUTSIDE EXPERTS:

S. No.	Date	Speaker	Topic
03	07 July, 2016	Dr. Bijan Kumar Mondal	Biodiesel an Alternate Fuel for CI Engine

5. **CONSULTANCY SERVICES:** Nil

6. **EQUIPMENT ACQUIRED:**

Sr. No.	Name of Equipment	Name of Manufacturer	Cost (Rs. In INR)
1.	Multi parameter Analyzer	M/s Mahajan Scientific Engg. Works 1 st Floor Opposite ICICI Bank The Mall Solan	4,03,812/-
2.	Data Logging for real time logging and monitoring of Solar water heating Systems	M/s Aimil Ltd. Naimex House A - 8 Mohan Co-operative Industrial Estate New Delhi 110044	14,40,000/-
3.	Data acquisition and online monitoring system for PV Pumping System	M/s Aimil Ltd. Naimex House A - 8 Mohan Co-operative Industrial Estate New Delhi 110044	8,55,000/-
4.	Outdoor test Facility for the comparative study of different Technologies	M/s Aimil Ltd. Naimex House A - 8 Mohan Co-operative Industrial Estate New Delhi 110044	17,77,500/-

7. NAME OF LABORATORIES:

S. No	Name of Laboratory
1.	Solar Photovoltaic Laboratory
2.	Solar Thermal Laboratory
3.	Energy Simulation Laboratory
4.	Bio Energy Laboratory
5.	Energy Research Laboratory
6.	Bio Fuel Laboratory
7.	Environment Laboratory

3.1 Non-Academic Staff (Non-Teaching) as on 31.03.2017

3.1.1. ADMINISTRATIVE STAFF

Sr. No.	Title	First Name	Last Name	Designation	Employee Code
1	Dr.	Sushil	Chauhan	Registrar	S0030
2	Sh.	Ramesh Chand	Gathania	Deputy Registrar (Accounts)	S0340
3	Sh.	Pardeep Kumar	Soni	Deputy Registrar (Admin)	S0339
4	Sh.	Sanjay	Jamwal	Assistant Registrar(Admn)	S0151
5	Sh.	Gaurav Kumar	Sharma	Assistant Registrar(Academic)	S0344
6	Er.	S.K.	Walia	Executive Engineer	
7	Er.	Vivek	Sharma	Assistant Engineer	
8	Er.	Sandeep	Sharma	Assistant Engineer	
9	Dr.	Mani	Verma	Medical Officer	S0293
10	Sh.	Jagdish Chand	Verma	Scientific Officer (Grade-II)	S0243
11	Sh.	Anil	Kumar	Scientific Officer (Grade-II)	S0057
12	Sh.	Ashwani	Kumar	Scientific Officer (Grade-II)	S0059
13	Sh.	Nitin	Paliwal	Assistant Librarian	S0343
14	Sh	Vimlesh	Patel	Assistant Librarian	S0359

3.1.2 Technical Staff

Sr. No.	Title	First Name	Last Name	Designation	Employee Code
1	Sh.	Sanjeev Kumar	Vashisth	Assistant Engineer (Elect.)	-
2	Sh.	Rajesh	Sharma	Assistant Engineer (Tele)	S0172
3	Sh.	Birender Singh	Minhas	Assistant Librarian	S0166
4	Sh.	Rajesh	Paul	Sr. Library Assistant	S0167
5	Sh.	Joginder	Singh	Library Assistant	S0169
6	Sh.	Sarvjit	Singh	Sr. Library Assistant	S0170
7	Sh.	Kartar	Singh	Sr. Pharmacist	S0163
8	Sh.	Amarjeet	Singh	Foreman (SG-II)	S0270
9	Sh.	Ravi	Singh	Hardware Engineer (SG-II)	S0240
10	Sh.	Deep	Kanga	Senior Technical Assistant	S0065
11	Sh.	Om Parkash	Sharma	Senior Technical Assistant	S0105
12	Sh.	Jaspal	Singh	Senior Technical Assistant	S0106
13	Sh.	Balbir	Singh	Senior Technical Assistant	S0077
14	Sh.	Rajpal	Minhas	Senior Technical Assistant	S0092
15	Sh.	Avinash	Aggarwal	Senior Technical Assistant	S0269
16	Sh.	Santosh	Kumar	Senior Technical Assistant	S0275
17	Sh.	Inder Singh	Guleria	Technical Assistant	S0104
18	Sh.	Partap	Chand	Technical Assistant	S0113
19	Sh.	Dhian	Singh	Technical Assistant	S0066
20	Sh.	Bikram	Singh	Technical Assistant	S0084
21	Sh.	Man	Chand	Technical Assistant	S0108
22	Sh.	Ravinder	Kumar	Technical Assistant	S0107

23	Sh.	Sanjeev Kumar	Thakur	Technical Assistant	S0058
24	Sh.	Dev	Raj	Technical Assistant	S0114
25	Sh.	Dinesh	Kumar	Technical Assistant	S0067
26	Sh.	Joginder	Singh	Technical Assistant	S0093
27	Sh.	Krishan	Dass	Technical Assistant	S0109
28	Sh.	Kuldeep	Kumar	Technician SG-I	S0171
29	Sh.	Desh	Raj	Technician SG-II	
30	Sh.	Kalyan	Singh	Technician SG-II	
31	Sh.	Ashwani	Kumar	Technician SG-II	
32	Smt.	Reeta	Singh	Senior Technician	S0268
33	Sh.	Ajay	Kumar	Senior Technician	S0101
34	Sh.	SukhDev	Singh	Senior Technician	S0102
35	Sh.	Parkash	Singh	Senior Technician	S0079
36	Sh.	Rakesh	Kumar	Senior Technician	S0115
37	Sh.	Suresh	Kumar	Senior Technician	S0069
38	Sh.	Shiv	Dayal	Senior Technician	S0070
39	Sh.	Jiwan	Kumar	Senior Technician	S0061
40	Sh.	Rakesh	Sharma	Senior Technician	S0060
41	Sh.	Gajinder	Singh	Senior Technician	
42	Sh.	Surinder	Singh	Senior Technician	S0086
43	Sh.	Sunil	Kumar	Senior Technician	S0111
44	Sh.	Santosh Kumar	Yadav	Senior Technician	S0266
45	Sh.	Chet	Ram	Technician	S0095
46	Sh.	Roop	Lal	Technician	S0087
47	Sh.	Surinder	Kumar	Technician	S0116
48	Sh.	Vijay	Kumar	Technician	S0267
49	Sh.	Kishore	Chand	Sr. Technician	S0265
50	Sh.	Naresh	Kumar	Technician	S0264
51	Sh.	Mahesh	Chand	Work Assistant (Driver)	S0173
52	Sh.	Yaswant	Singh	Work Assistant (Driver)	S0174
53	Sh.	Surender	Pal	Work Assistant (Driver)	S0316
54	Sh.	Sanjeev	Kumar	Work Assistant (Driver)	S0317
55	Sh.	Shameem	Ahmed	Work Assistant (Driver)	S0319
56	Sh.	Pawan	Kumar	Work Assistant (Driver)	S0326
57	Sh.	Ashok	Kumar	Technical Assistant	

3.1.3 Ministerial Staff:

Sr. No.	Title	First Name	Last Name	Designation	Employee Code
1	Sh.	Baldev Ram	Sharma	Superintendent (SG-II)	S0123
2	Sh.	Nanak Chand	Negi	Superintendent (SG-II)	S0126
3	Sh.	Govind Singh	Gurung	Sr. Superintendent	S0127
4	Sh.	Balam Ram	Rana	Sr. Superintendent	S0125
5	Sh.	Tilak Raj	Kapoor	Sr. Superintendent	S0128
6	Sh.	Pritam Chand	Rangra	Sr. Superintendent	S0129
7	Sh.	Dev	Kumari	Sr. Superintendent	S0134
8	Sh.	Amar Nath	Nath	Superintendent	S0133

9	Sh.	Kulwant Singh	Attri	Superintendent	S0130
10	Sh.	Satpal	Sharma	Superintendent	S0132
11	Sh.	Rattan Chand	Verma	Superintendent	S0131
12	Sh.	Parkash Chand	Bhardwaj	Superintendent	S0139
13	Sh.	Raman	Kumar	Superintendent	S0272
14	Sh.	Parkash Chand	Azad	Secretary	S0096
15	Sh.	Parvesh	Kumar	Sr. Secretary	S0282
16	Sh.	Desh Raj	Bansal	Secretary	S0099
17	Sh.	Dev	Raj	Secretary	S0071
18	Sh.	Gulab Singh	Thakur	Stenographer (SG- I)	S0117
19	Sh.	Pushpa	Devi	Sr. Stenographer	S0164
20	Sh.	Ram	Kumar	Sr. Stenographer	S0080
21	Smt.	Sangeeta	Kumari	Stenographer	S0150
22	Sh.	Vinod	Kumar	Stenographer	S0149
23	Smt.	Raj Kumar	Sharma	Superintendent	S0136
24	Sh.	Sanjeev	Mehta	Asst. SG I	S0097
25	Sh.	Pardeep	Kumar	Asst. SG I	S0137
26	Sh.	Kishore	Kumar	Asst. SG I	S0138
27	Sh.	Joginder	Singh	Asst. SG I	S0141
28	Sh.	Rameshwar	Attri	Asst. SG II	S0140
29	Sh.	Pritam	Chand	Asst. SG II	S0143
30	Sh.	Yashpal	Singh	Asst. SG II	S0142
31	Sh.	Dharam	Singh	Asst. SG II	S0144
32	Sh.	Pawan Kumar	Sharma	Asst. SG II	S0145
33	Sh.	Jitender	Kumar	Asst. SG II	S0146
34	Sh.	Surinder	Singh	Asst. SG II	S0072
35	Sh.	Surindera	Verma	Asst. SG II	S0147
36	Smt.	Vinod	Kumar	Asst. SG II	S0153
37	Smt.	SukhDev	Singh	Sr. Assistant	S0286
38	Sh.	Raman	Thakur	Sr. Assistant	S0158
39	Sh.	Meera	Thakur	Sr. Assistant	S0155
40	Sh.	Meena	Devi	Jr. Assistant	S0162
41	Smt.	Madan	Lal	Sr. Assistant	S0152
42	Smt.	Rajbala	Jassi	Sr. Assistant	S0062
43	Sh.	Raj	Kumar	Sr. Assistant	S0160
44	Smt.	Nazima	--	Sr. Assistant	S0159
45	Sh.	Ramneek	Kumar	Sr. Assistant	S0161
46	Smt.	Rajeev	Kumar	Sr. Assistant	S0273
47	Sh.	Sohan	Singh	Jr. Assistant	S0081
48	Sh.	Roshan	Lal	Jr. Assistant	S0156
49	Sh.	Ajit	Kumar	Jr. Assistant	S0157
50	Sh.	Vikas	Dogra	Sr. Assistant	S0311
51	Sh.	Ashwani	Kumar	Sr. Assistant	S0314
52	Sh.	Vishal	Narota	Jr. Assistant	S0313
53	Sh.	Vipan	Kumar-I	Jr. Assistant	S0312
54	Sh.	Vipan	Kumar-II	Jr. Assistant	S0315
55	Sh.	Shashi Kant	Ratnakar	Jr. Assistant	S0320
56	Sh.	V.K.	Tippan	Jr. Assistant	S0321
57	Sh.	Neenu	Sharma	Jr. Assistant	S0325

Supporting Staff:

1	Mr.	Partap	Chand	Attendant	S0189
2	Mr.	Bhagwan	Dass	Attendant	S0198
3	Mr.	Suresh Chand	Rangra	Attendant	S0186
4	Mr.	Saju	Ram	Attendant	S0184
5	Mr.	Pritam	Chand	Attendant	S0103
6	Mr.	Satish	Chand	Attendant	S0082
7	Mr.	Balwinder	Singh	Attendant	S0193
8	Mr.	Om	Prakash	Attendant	S0181
9	Mr.	Sunil	Kumar	Attendant	S0180
10	Smt.	Tara	Devi	Attendant	S0073
11	Smt.	Geeta	Devi	Attendant	S0217
12	Smt.	Tripta	Devi	Attendant	S0215
13	Smt.	Sulesho	Devi	Attendant	S0083
14	Mr.	Hari	Singh	Attendant	S0219
15	Mr.	Bhupinder	Singh	Attendant	S0210
16	Mr.	Surinder	Kumar	Attendant	S0280
17	Mr.	Shakti	Chand	Attendant	S0187
18	Mr.	Yoginder	Singh	Attendant	S0187
19	Smt.	Manorma	Chopra	Attendant	S0098
20	Mr.	Hem	Raj	Attendant	S0197
21	Mr.	Dharam	Singh	Attendant	S0199
22	Mr.	Kashmir	Singh	Attendant	S0196
23	Mr.	Kehar	Singh	Attendant	S0194
24	Mr.	Ravinder	Kumar	Attendant	S0207
25	Mr.	Vijay	Kumar	Attendant	S0202
26	Mr.	Balwant	Chand	Attendant	S0064
27	Mr.	Nikka	Ram	Attendant	S0200
28	Mr.	Rajinder	Singh	Attendant	S0213
29	Mr.	Tilak	Raj	Attendant	S0075
30	Mr.	Manohar	Lal	Attendant	S0188
31	Mr.	Banka	Ram	Attendant	S0074
32	Mr.	Suresh	Kumar	Attendant	S0192
33	Mr.	Ashok	Kumar-I	Attendant	S0195
34	Mr.	Ravi	Das	Attendant	S0190
35	Mr.	Ashok	Kumar-II	Attendant	S0191
36	Mr.	Lekh	Raj	Attendant	
37	Mr.	Joginder	Singh	Attendant	S0119
38	Mr.	Partap	Chand	Attendant	S0189
39	Mr.	Devinder	Kumar	Attendant	S0214
40	Mr.	Milap	Chand	Attendant	S0220
41	Mr.	Suresh	Kumar	Attendant	S0186
42	Mr.	Ramesh	Chand-I	Attendant	S0205

43	Mr.	Manmohan	Lal	Attendant	S0089
44	Mr.	Jiwan	Parkash	Attendant	S0206
45	Mr.	Ramesh	Chand-II	Attendant	S0201
46	Mr.	Subhash	Chand	Attendant	S0222
47	Mr.	Chain	Singh	Attendant	S0203
48	Mr.	Jai	Chand	Attendant	S0208
49	Mr.	Vinod	Kumar	Attendant	S0221
50	Mr.	Subhash	Chand	Attendant	S0183
51	Mr.	Anil	Kumar	Attendant	S0262
52	Smt.	Salochna	--	Attendant	S0263
53	Mr.	Jiya	Lal	Attendant	S0274
54	Mr.	Neeraj	Kumar	Attendant	S0271
55	Mr.	Roshan	Lal	Attendant (Works)	
56	Mr.	Vidya	Sagar	Attendant (Works)	
57	Mr.	Parkash	Chand	Attendant (Works)	
58	Mr.	Rajinder	Singh	Attendant (Works)	
59	Mr.	Rakesh	Kumar	Attendant (Works)	
60	Mr.	Prem	Lal	Attendant (Works)	
61	Mr.	Om	Parkash	Attendant (Library)	S0276
62	Mr.	Sunil	Kumar	Attendant (Library)	S0277
63	Mr.	Subhash	Chand	Attendant (Library)	S0279
64	Mr.	Mukesh	Singh	Attendant (Library)	S0278
65	Mr.	Basant	Singh	Attendant	

4.0 Teaching Programmes:

4.1 Courses Offered:

The following Programmes are offered by the Institute

1. B.Tech/ B.Arch
2. Five years dual degree Bachelor and master of technology
3. M.Tech / M.Arch / MBA
4. Ph.D

4. LIST OF REGISTERED STUDENTS 2016-2017
(1st, 3rd, 5th, 7th & 9th Semester)

1st Year 1st Semester: (2016-2017):

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidate under ICCR/MEA/DASA scheme			
	B	G	Total	B	G	Total	B	G	Total	B	G	Total	ICCR (SS)	MEA (SW)	DASA	Total
2016-17																
CE	81 OBC PH 01	09	90	11	03	14	07	0	07	22	04	26	0	01 Male(Nepal)	0	01
EEE	67 SCPH 01 OPPH 01	20	87	07	05	12	06	01	07	20	06	26	0	0	0	0
ME	91 OPPH 01	03	94	13	01	14	06	01	07	24	01	25	0	01 Male(Nepal)	01 Male(UAE)	02
E&CE	72 OPPH 01 OBC PH 01	22	94	07	07	14	04	03	07	20	04	24	01 Male (Bangladesh)	03 Male(Nepal)	0	04
CSE	74 OPPH 01	20	94	13	01	14	05	02	07	21	05	26	0	02 Female + Male(India n)	01 (Nepal) Male	03
Chemical Engg	41	09	50	07	0	07	01	01	02	13	02	15	0	0	0	0
B.Tech. Dual Degree CSE	38 OPPH 02	20	58	04	05	09	04	0	04	10	06	16	0	0	0	0
B.Tech. Dual Degree ECE	45 OPPH 02	05	50	07	01	08	03	0	03	13	02	15	0	0	0	0
Arch.	25 OPPH 01	09	34	04	01	05	03	01	04	06	0	06	0	0	0	0
Total (1)	534	117	651	73	24	97	39	9	48	149	30	179	01	07	02	10

One student transferred to NIT Kurukshetra, as per directions received from Chairman CSAB-2016 and in compliance to the order passed by the Hon'ble High Court of Punjab and Haryana at Chandigarh in COCP No. 1838 of 2016

2nd. Year 3rd. Semester (2016-2017):

2016-17	B	G	Total	B	G	Total	B	G	Total	B	G	Total	IC CR (SS)	ME A (WS)	DASA	Total
CE	87	02	89	14	0	14	07	0	07	24	01	25	0	01M ale	0	01
EEE	77	09	86	14	0	14	06	01	07	19	04	23	0	0	0	0
ME	87	01	88	14	0	14	07	0	07	25	0	25	0	0	0	0
E&CE	60	27	87	10	04	14	06	01	07	16	08	24	0	01 Fema le	0	01
CSE	71	15	86	11	02	13	06	0	06	22	03	25	0	0	0	0
Chemical Engg	47	08	55	07	01	08	04	0	04	13	03	16	0	0	0	0
Dual Degree CSE. 05 year	42	10	52	05	04	09	03	0	03	15	01	16	0	0	0	0
Dual Degree ECE. 05 year	39	09	48	09	0	09	02	02	04	12	02	14	0	0	0	0
Arch.	28	11	39	04	01	05	01	01	02	09	02	11	0	0	0	0
Total (2)	538	92	630	88	12	100	42	5	47	155	24	179	0	02	0	02

3rd Year 5th Semester: (2016-17)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidate under Min. of Ext. Affairs New Delhi (ICCR Scholarship/Welfare Scheme & DASA			
2016-17	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	SS	WS	DASA	Total
CE	76	07	83	10	02	12	07	01	08	22	02	24	0	01 Female	0	01
EEE	79	11	90	11	02	13	05	02	07	22	02	24	0	0	0	0

ME	93	OPPH 01	0	93	14	0	14	06	0	25	0	02 (Nepal) Male	02
ECE	71	OPPH 01 OBC PH 01	22	93	07	03	14	04	03	19	0	01 Male	01
CSE	71	OPPH 01	19	90	11	03	14	06	01	19	0	01 (Nepal) Male	02
Chem. Engg.	43	SCPH 01 OPPH 01	10	53	08	0	08	03	01	11	0	0	0
Arch.	25		17	42	05	0	05	02	02	08	0	01 Male USA	01
Dual Degree (CSE)	52	OPPH 02	07	59	08	01	09	03	01	17	0	0	0
Total (3)	510		93	603	74	15	89	36	11	143	22	165	07

4th Year 7th Semester: (2016-2017)

Course	All Communities				Scheduled Caste			Scheduled Tribe			OBC			Foreign candidate under Min. of Ext. Affairs New Delhi (ICCR Scholarship/Welfare Scheme & DASA)			
	Boys	Girls	Total		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	SS	WS	DASA	Total
2016-17 CE	80	04	84		13	0	13	04	0	04	22	01	23	0	0	0	0
EEE	68	20	88		09	01	10	05	02	07	18	06	24	0	0	01Nepal 01 Saudi Arabia	02
Mech.	86	01	87		12	0	12	05	0	05	25	0	25	0	0	01Nepal 01 Saudi Arabia	02
ECE	65	19	84		10	03	13	04	02	06	17	05	22	0	01 Paris	0	01

CSE	64 OPPH 1	21	85	11	02	13	04	01	05	18	06	24	0	01 Washington	0		01
Chemical Engg	45	11	56	06	03	09	03	01	04	14	01	15	0	0	0		0
Arch.	30 OPPH 1	12	42	04	02	06	02	01	03	11	01	12	0	0	0		0
Total (4)	438	88	526	65	11	76	27	7	34	125	20	145	0	02	04		06

5th Year 9th Semester: (2016-2017)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidate under Min. of Ext. Affairs New Delhi (ICCR Scholarship/Welfare Scheme & DASA				
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	SS	WS	DAS A	Total	
2016-17																	
Arch. Total (5)	32 OPPH 1	12	44	04	02	06	02	01	03	11	01	12	0	0	0	0	0

SUMMARY

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidate under Min. of Ext. Affairs New Delhi (ICCR Scholarship/Welfare Scheme & DASA				
2016-17	Boys			Girls			Total			Boys			Girls				
Total (1)	534	117	651	73	24	97	39	9	48	149	30	179	01	07	02	10	
Total (2)	538	92	630	88	12	100	42	5	47	155	24	179	0	02	0	02	
Total (3)	510	93	603	74	15	89	36	11	47	143	22	165	0	03	04	07	
Total (4)	438	88	526	65	11	76	27	7	34	125	20	145	0	02	04	06	
Total (5)	32	12	44	04	02	06	02	01	03	11	01	12	0	0	0	0	
	2052	402	2454	304	64	368	146	33	179	583	97	680	1	14	10	25	

*SS = Scholarship Schemes, WS= Welfare Scheme, DASA= Direct Admission of students Abroad.

M. Tech.-2016-2017

M Tech. 1st Year 1st Semester (2016-17)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidates Under ICCR/DASA	
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girl	Total	Boys	Girl	Total	ICCR	DAS A Total
2016-17														
CIVIL	49	04	53	09	0	09	03	0	03	18	0	18	0	0
ELECT.	33	05	38	07	0	07	01	00	01	11	04	15	0	0
MECH.	24	00	24	03	0	03	0	0	0	11	0	11	0	0
ECE	18	05	23	03	0	03	0	01	01	08	02	10	0	0
CSE	13	08	21	02	01	03	0	01	01	04	02	06	0	0
CMSE	11	01	12	02	0	02	0	0	0	05	01	06	0	0
CEEE	20	07	27	03	02	05	01	01	02	11	02	13	0	0
ARCH.	05	05	10	01	01	02	0	0	0	01	01	02	0	0
CEH	0	03	03	0	0	0	0	0	0	0	01	01	0	0
Total (1)	173	38	211	30	4	34	5	3	8	69	13	82	0	0

M Tech. 2nd Year 3rd Semester: (2016-17)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidates Under ICCR/DASA	
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girl	Total	Boys	Girl	Total	ICCR	DASA Total
2016-17														
CIVIL	50	04	54	07	01	08	03	01	04	17	02	19	0	0
ELECT.	23	05	28	03	02	05	02	0	02	03	01	04	0	0
MECH.	24	00	24	03	0	03	02	0	02	09	0	09	0	0
ECE	19	06	25	03	03	06	0	0	0	06	01	07	0	0
CSE	07	14	21	02	01	03	0	01	01	03	04	07	0	0
CMSE	08	01	09	03	0	03	01	0	01	0	0	0	0	0
CEEE	18	03	21	03	0	03	01	01	02	03	01	04	0	0
ARCH.	01	04	05	0	0	0	0	0	0	0	0	0	0	0
Total (2)	150	37	187	24	7	31	9	3	12	41	9	50	0	0

02 No. Part-time registered in Civil Engineering Department

SUMMARY

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidates Under ICCR/DASA		
	Boys	Girls	Total	Boys	Girl	Total	Boys	Girls	Total	Boys	Girl	Total	ICCR	DASA	Total
2016-17															
Total (1) (T2)	323	75	398	54	11	65	14	6	20	110	22	132	0	0	0

MBA. 1st Year 1st Semester (2016-17)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidates Under ICCR/DASA		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girl	Total	Boys	Girl	Total	ICCR	DASA	Total
2016-17															
DOMS	08	05	13	01	01	02	0	0	0	01	0	01	0	0	0
G. Total	08	05	13	01	01	02	0	0	0	01	0	01	0	0	0

MBA. 2nd Year 3rd Semester (2016-17)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidates Under ICCR/DASA		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girl	Total	Boys	Girl	Total	ICCR	DASA	Total
2016-17															
DOMS	07	02	09	01	0	01	0	0	0	03	0	03	0	0	0
G. Total	07	02	09	01	0	01	0	0	0	03	0	03	0	0	0

SUMMARY

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidates Under ICCR/DASA		
	Boys	Girls	Total	Boys	Girl	Total	Boys	Girl	Total	Boys	Girl	Total	ICCR	DASA	Total
2016-17															
G. Total (T1 to T2)	08	05	13	01	01	02	0	0	0	01	0	01	0	0	0
	07	02	09	01	0	01	0	0	0	03	0	03	0	0	0
	15	7	22	2	1	3	0	0	0	4	0	4	0	0	0

Ph. Ds Course-wise Enrolment 2016-2017

1st Semester (2016-2017)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.ds			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
CE	07	01	08	0	0	0	0	0	0	01	0	01	07	01	0	08
EE	06	0	06	0	0	0	01	0	01	0	0	0	0	06	0	06
ME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E&CE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arch	02	02	04	01	0	01	0	0	0	0	0	0	02	02	0	04
CHE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	01	01	02	0	0	0	0	0	0	0	0	0	02	0	0	02
Chemistry	0	05	05	0	02	02	0	0	0	0	0	0	05	0	0	05
Math	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HSS	01	03	04	01	0	01	0	0	0	0	0	0	04	0	0	04
CEEE	01	0	01	0	0	0	0	0	0	0	0	0	01	0	0	01
CME	01	0	01	0	0	0	0	0	0	0	01	01	01	0	0	01
Total (1)	19	12	31	2	2	4	1	0	1	1	1	2	22	9	0	31

3rd Semester (2016-2017)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.ds			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
CE	06	01	07	01	0	01	0	0	0	01	0	01	07	0	0	07
EE	0	01	01	0	0	0	0	0	0	0	0	0	01	0	0	01
E&CE	04	02	06	0	01	01	0	0	0	01	0	01	05	01	0	06
CSE	03	0	03	0	0	0	0	0	0	01	0	01	03	0	0	03
Physics	01	0	01	0	0	0	0	0	0	0	0	0	01	0	0	01
Chemistry	0	02	02	0	0	0	0	01	01	0	0	0	02	0	0	02
Math	01	01	02	0	0	0	0	0	0	01	01	02	02	0	0	02
CEEE	02	0	02	0	0	0	0	0	0	0	0	0	02	0	0	02
Total (2)	17	7	24	1	1	2	0	1	1	4	1	5	23	1	0	24

4th Semester (2016-2017)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.ds			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
E&CE	01	01	02	0	0	0	0	0	0	0	0	0	01	01	0	02
CSE	03	0	03	0	0	0	0	0	0	03	0	03	02	01	0	03
Total (3)	04	01	05	0	0	0	0	0	0	03	0	03	03	02	0	05

5th Semester (2016-2017)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.ds			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
CE	0	01	01	0	0	0	0	0	0	0	0	0	01	0	0	01
EE	05	01	06	01	01	02	0	0	0	01	0	01	06	0	0	06
ME	04	0	04	01	0	01	0	0	0	01	0	01	03	0	01	04
CSE	02	02	04	01	01	02	0	0	0	01	0	01	03	01	0	04
Physics	01	0	01	0	0	0	01	0	01	0	0	0	01	0	0	01
Chemistry	0	01	01	0	0	0	0	0	0	0	0	0	01	0	0	01
Total (4)	12	5	17	3	2	5	1	0	1	3	0	3	15	1	1	17

7th Semester (2016-2017):

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.ds			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
EE	04	01	05	01	0	01	0	0	0	01	0	01	05	0	0	05
ME	05	0	05	01	0	01	0	0	0	0	0	0	05	0	0	05
E&CE	07	0	07	01	0	01	0	0	0	01	0	01	06	01	0	07
CSE	01	0	01	0	0	0	0	0	0	0	0	0	0	01	0	01
Arch.	01	0	01	0	0	0	0	0	0	0	0	0	01	0	0	01
CEEE	01	0	01	0	0	0	0	0	0	0	0	0	01	0	0	01
Chemistry	0	03	03	0	0	0	0	0	0	0	0	0	03	0	0	03
HSS	02	0	02	0	0	0	0	0	0	01	0	01	02	0	0	02
Total (5)	21	04	25	03	0	03	0	0	0	03	0	03	23	02	0	25

8th Semester: (2016-2017):

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.ds			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
EE	01	0	01	0	0	0	0	0	0	01	0	01	01	0	0	01
ME	02	0	02	02	0	02	0	0	0	0	0	0	02	0	0	02
ECE	02	01	03	0	0	0	0	01	01	0	0	0	03	0	0	03
CSE	01	0	01	0	0	0	0	0	0	0	0	0	01	0	0	01
Total (6)	6	1	7	2	0	2	0	1	1	1	0	1	7	0	0	7

10th Semester (2016-2017)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.ds			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (7)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11th Semester (2016-2017)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.d			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
CE	01	0	01	0	0	0	0	0	0	0	0	0	0	0	01	01
Math.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CMSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEEE	01	0	01	0	0	0	0	0	0	0	0	0	01	0	0	01
Arch.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (8)	2	0	2	0	0	0	0	0	0	0	0	0	01	0	01	02

12th Semester: (2016-17) :

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph. D			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
CE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EE	01	0	01	0	0	0	0	0	0	0	0	0	0	01	0	01
ME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Math	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H&SS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arch.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (9)	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1

13th. Semester: (2016-2017)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.d			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
CE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ME	02	0	02	0	0	0	0	0	0	0	0	0	0	01	01	02
CSE	04	0	04	0	0	0	0	0	0	0	0	0	0	0	04	04
Math	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CMSE	01	0	01	0	0	0	0	0	0	0	0	0	0	0	01	01
Total (10)	7	0	7	0	0	0	0	0	0	0	0	0	0	1	6	7

14th. Semester: (2016-2017) :

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph. D			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
CE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EE	01	0	01	0	0	0	0	0	0	0	0	0	0	0	01	01
CSE	01	0	01	0	0	0	0	0	0	0	0	0	0	0	01	01
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H&SS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (11)	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2

Zero Semester: (2016-2017)

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.ds			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
CE	03	0	03	01	0	01	0	0	0	0	0	0	0	01	02	03
EE	03	0	03	0	0	0	0	0	0	0	0	0	0	01	02	03
ME	02	0	02	0	0	0	01	0	01	0	0	0	01	01	0	02
CSE	03	0	03	01	0	01	0	0	0	0	0	0	01	01	01	03
Math	01	01	02	0	0	0	0	0	0	0	0	0	0	02	0	02
Physics	01	01	02	0	0	0	0	0	0	0	0	0	02	0	0	2
Hum. & SS	0	01	01	0	0	0	0	0	0	0	0	0	01	0	0	01
Chemistry	0	01	01	0	0	0	0	0	0	0	0	0	01	0	0	01
CME	01	0	01	0	0	0	0	0	0	0	0	0	01	0	0	01
Arch.	02	01	03	0	0	0	0	0	0	0	0	0	0	03	0	03
Total (12)	16	5	21	2	0	2	1	0	1	0	0	0	7	9	5	21

SUMMARY

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Nature of Ph.ds			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Full Time	Part-Time	Off-Cam	Total
2016-17																
G. Total (T1 to T12)	107	35	142	13	5	18	3	2	5	15	2	17	101	26	15	142

4.4 Total Strength of B. Tech. /B.Arch./Dual Degree, M. Tech./M. Arch./MBA/ Ph.D. for the Session-2016-17:

Course	All Communities			Scheduled Caste			Scheduled Tribe			OBC			Foreign candidate under Min. of Ext. Affairs New Delhi (ICCR Scholarship/Welfare Scheme & DASA			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	ICC R	MEA	DASA	Total
2016-17																
B. Tech. /B.Arch./ Dual Degree.	2052	402	2454	304	64	368	146	33	179	583	97	680	1	14	10	25
M.Tech./M.Arch	323	75	398	54	11	65	14	6	20	110	22	132	0	0	0	323
MBA	15	7	22	2	1	3	0	0	0	4	0	4	0	0	0	0
Ph.D.	107	35	142	13	5	18	3	2	5	15	2	17	Full Time	Part Time	Off Camp	Total
													101	26	15	142
G. Total	2497	519	3016	373	81	454	163	41	204	712	121	833	--	--	--	--

Students Total Strength

UG Courses	2187
Dual Degree Courses	267
PG Courses	420
Ph. Ds	142
Total	3016

4.5 Awards (Students)

This institution has instituted the following Director's Medals to best all rounder among UG/PG student and selection for these awards is made by the duly constituted committee, on the basis of last three and half years overall assessment of the student regarding his/her academic achievement, discipline character, attendance activities etc.

- A.** Director's Medal to Best all rounder among UG/PG students.
- B.** Gold Medal to Topper of each B.Tech./B.Arch. stream.
- C.** Silver Medal to 2nd topper of each B.Tech./B.Arch. stream.
- D.** Gold Medal to Topper of each PG programme provided the no. of passing out students is at least five.

LIST OF B. TECH TOPPER AND 2ND TOPPER PASSED OUT DURING 2016

ARCHITECTURE

1	YASHASVI SHARMA	11620	8.70
2	PREETY SAINI	11637	8.42

CIVIL ENGINEERING

1	ADITYA BINDRA	12102	9.67
2	AMANDEEP KALRA	12101	9.29

COMPUTER SCIENCE & ENGINEERING

1	AMANPREET KANG	12562	9.23
2	AVANI SHARMA	12582	9.18

ELECTRONICS AND COMMUNICATION ENGINEERING

1	AKANKSHA KALIA	12481	9.53
2	KARAN PATHAK	12415	9.52

ELECTRICAL & ELECTRONICS ENGINEERING

1	SAURABH MATHUR	12237	9.18
2	PRATIBHA KUMARI	12255	8.89

MECHANICAL ENGINEERING

1	ROHIT PATIAL	12315	9.43
2	ASHUTOSH SHARMA	12382	8.91

CIVIL ENGINEERING (GEOTECHNICAL ENGINEERING & UNDERGROUND STRUCTURE)

1	ARUSHI GUPTA	14M111	9.32
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CIVIL ENGINEERING (STRUCTURE ENGINEERING)

1	VINAY KUMAR PANDEY	14M116	9.13
2	DHIRAJ GHOSH	14M127	9.13

CIVIL ENGINEERING (TRANSPORTATION SYSTEM ENGINEERING)

1	ARUN KRISHNA G	14M138	8.82
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CIVIL ENGINEERING (WATER RESOURCE ENGINEERING)

1	ASHISH DOBHAL	14M150	8.16
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CIVIL ENGINEERING (ENVIRONMENTAL ENGINEERING

1	NIMISHA ANNA JACOB	14M155	9.32
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ELECTRICAL ENGINEERING (POWER SYSTEM)

1	DEEPIKA NEGI	14M203	9.13
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ELECTRICAL ENGINEERING (SIGNAL PROCESSING AND CONTROL)

1	AVINASH KUMAR	14M232	8.76
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ELECTRICAL ENGINEERING (CONDITION MONITORING CONTROL AND PROTECTION OF ELECTRICAL APPARATUS).

1	KATURU SUBRAHMANYAM	14M254	8.79
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MECHANICAL ENGINEERING (THERMAL ENGINEERING)

1	JOSYULA SRI SURYANARAYANA TEJASWI	14M305	9.03
2	AMIT KUMAR	14M307	9.03

MECHANICAL ENGINEERING (CAD/CAM)

1	ANKUR SHARMA	14M336	8.97
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ELECTRONICS & COMMUNICATION ENGINEERING (VLSI DESIGN AUTOMATION & TECHNIQUES).

1	PANKAJ KUMAR SHARMA	14M416	9.37
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ELECTRONICS & COMMUNICATION ENGINEERING (COMMUNICATION SYSTEMS & NETWORKS).

1	SATYA PAL SINGH	14M436	8.82
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COMPUTER SCIENCE & ENGINEERING (COMPUTER SCIENCE & ENGINEERING)

1	ANMOL GUPTA	14M510	9.18
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COMPUTER SCIENCE & ENGINEERING (MOBILE COMPUTING).

1	NIDHI AHLAWAT	14M528	8.76
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MATERIAL SCIENCE AND ENGINEERING

1	VINAY SHARMA	14M606	8.47
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ENERGY AND ENVIRONMENT ENGINEERING

1	JAYATI SINGH	14M704	8.90
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ARCHITECTURE

1	ANJALI GOVIL	14M801	8.50
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DIRECTOR MEDAL TO BEST ALL ROUNDER – 2016

Sr.No.	Roll No.	Branch	Name	Medal
1.	13747	Chemical Engineering	Ms. Tanya Agarwal	Gold
2.	13473	Electronics & Communication Engineering	Ms. Nitya Garg	Gold

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR
ACADEMIC CALENDAR AUTUMN SEMESTER 2016-2017

JULY, 2016		AUGUST, 2016		SEPTEMBER, 2016		OCTOBER, 2016		NOVEMBER, 2016		DECEMBER, 2016			JANUARY, 2017					
1	FR	1	MO	1	TH	1	SA	1	TU	1	TH	End Semester Ph.D. Seminar continued		1	SU			
2	SA	2	TU	2	FR	2	SU	Mahatma Gandhi Jyanti		2	WE	2	FR	2	MO			
3	SU	3	WE	3	SA	3	MO	1	3	TH	3	SA	Reporting Date for Students		3	TU		
4	MO	4	TH	4	SU	4	TU	2	4	FR	4		SU	4	WE			
5	TU	5	FR	5	MO	3	WE	Mid Term Evaluation of B.Tech./B.Arch./M.Tech./M.Arch./MBA Project/Dissertation	5	SA	5		MO	End Semester Theory Examinations		5	TH	
6	WE	6	SA	6	TU	4	TH		4	6	SU	6		TU			6	FR
7	TH	7	SU	7	WE	5	FR		5	7	MO	7		WE	End Semester Ph.D. Seminar continued		7	SA
8	FR	8	MO	6	TH	8	SA			8	TU	8		TH			8	SU
9	SA	9	TU	7	FR	9	SU			9	WE	9		FR	9		MO	
10	SU	10	WE	10	SA	10	MO	Mid Term Break		10	TH	10		SA	10		TU	
11	MO	11	TH	11	SU	11	TU	Dussehra		11	FR	11		SU	11		WE	
12	TU	12	FR	10	MO	12	WE	Muharram		12	SA	12		MO	Winter Break Start for Students		12	TH
13	WE	13	SA	13	TU	13	TH	Mid Term Break		13	SU	13		TU	Milad-Un-Nabi		13	FR
14	TH	14	SU	9	WE	14	FR	Mid Term Break		14	MO	14		WE	Last Date for Submission of B. Tech./B.Arch. Project/Dissertation		14	SA
15	FR	15	MO	15	TH	15	SA			15	TU	15		TH	End Semester Evaluation of B.Tech./B.Arch. Project/Dissertation		15	SU
16	SA	16	TU	16	FR	16	SU			16	WE	16		FR	of Final Year		16	MO

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17	SU	17	WE	12/11	17	SA	17	MO	6	17	TH	11	17	SA	Last Date for Submission of Grades for Practical and Theory : Six Days After the End of Practical Examination But Not Later Than this date in Any Case	Winter Break Start for Faculty	17	TU
18	MO	Faculty Reporting	18	TH	13/12	18	SU	18	TU	7	18	FR	18	SU	Departmental Meeting Regarding Attendance		18	WE
19	TU		19	FR	14/13	19	MO	19	WE	8	19	SA	19	MO			19	TH
20	WE		20	SA		20	TU	20	TH	9	20	SU	20	TU			20	FR
21	TH		21	SU		21	WE	21	FR	10	21	MO	End Semester Practical Examinations/End Semester evaluation of M.Tech 3rd Sem & End Semester Ph.D. Seminar (Department wise Slots to be Notified by the Academic Section)	21	WE		21	SA
22	FR		22	MO	15/14	22	TH	22	SA		22	TU		22	TH		22	SU
23	SA		23	TU	16/15	23	FR	23	SU		23	WE		23	FR		23	MO
24	SU		24	WE	17/16	24	SA	24	MO	11	24	TH		24	SA		24	TU
25	MO		25	TH	18/17	25	SU	25	TU	12	25	FR		25	SU	Christmas Day	25	WE
26	TU	Registration for B.Tech/M.Arch/Dual Degree (Third Semester Onwards)	26	FR	19/18	26	MO	12	26	WE	13	26	SA				26	TH
27	WE	M.Tech/M.Arch/MBA (Third Semester Onwards), Ph.D. (All Semesters)	27	SA		27	TU	13	27	TH	14	27	SU				27	FR
28	TH	Orientation for Degree Freshers	28	SU		28	WE	14	28	FR	15	28	MO	End Semester Theory Examinations & End Semester Ph.D. Seminar continued	28	WE	28	SA
29	FR	Commencement of Teaching Work	29	MO	20/19	29	TH	15	29	SA		29	TU		29	TH	29	SU
30	SA		30	TU	21/20	30	FR	16	30	SU	Diwali		30	WE	30	FR	30	
31	SU		31	WE	22/21				31	MO	Govardhan Pooja	16		31	SA		31	
		Working Day	1		22/21	16				16		11						
		Cumulative Working Days	1		23	39				55		66						
		Cumulative Working Days (MBA First Semester)	0		21	37				53		64						

Placement

The Training & Placement Cell was established in this Institute in the year 1995. Since then lot of activities are being conducted within the ambit of this cell for the benefit of the students and faculty.

4.7 Training and Placement Department:

Training & Placement department has been actively performing and coordinating a number of professional activities for the students. Some of the major activities relating to the students are Practical Training for the students and campus placement.

Short Term Industrial Research Experience.

Short Term Industrial Research Experience is an integral part of engineering education that aims to making students familiar with the culture and environment of industries and getting practical knowledge on working of equipment, plants and processes which cannot be accommodated or explained in a laboratory. Students are exposed to the concept of plant management and organization at first hand.

Short Term Industrial Research Experience for the B.Tech. /B.Arch. students were arranged in 294 different organizations/industries throughout the country/abroad during May-July 2017 for all B.Tech./B.Arch./Integrated M.Tech. students who had completed their pre final year. 4-6 weeks of internship at the end of 3rd year are to be completed by each student before appearing the final year.

Internship to be undertaken by students in industries/organization during May-July 2017 is as under:

Sr. No.	Address	No. of students
1.	The Coordinator Trainee and Apprenticeship Cell CSIR – CSIO Chandigarh	1
2.	M/s. Opto Electronics Factory Govt. of India, M o D Raipur, Dehradun – 248 008	1
3.	The Central Electronics Engineering Research Institute (CEERI) Pilani – 333031 Rajasthan, India	1
4.	The DRDO Dehradun GOI, Ministry of Defence Defence R&D Organisation Instruments R& D Establishment Raipur Road, Dehradun – 248 008	5
5.	The Council of Scientific and Industrial Research (CSIR) CSIR Complex Library Avenue, PUSA New Delhi - 110012	3
6.	Dr. Satinder Kumar Sharma Associate Professor School of Computing & Electrical Engineering, IIT Mandi, Mandi	1
7.	M/s. Bharat Electronics Limited (BEL) Govt. of India P.O. Bharat Nagar – 201010 Ghaziabad (UP), India	2

8.	M/s. Sofcon India Pvt. Ltd. SCF -15, 2nd Floor, Phase -5 Sector -59, S.A.S Nagar Mohali, Punjab	6
9.	The Ministry of Electronics and Information Technology (MIT) Delhi CGO Complex New Delhi	3
10.	The Assistant Engineer All India Radio, Shimla	1
11.	M/s. Vindhya Telelinks Limited Plot No. E-237, Tower Greens 3 rd Floor, Phase 8B, Industrial Area Mohali – 160055, Punjab.	1
12.	M/s. Bharat Sanchar Nigam Ltd. 3rd Floor, Block 11, SDA Complex Vikas Nagar, SDA Complex Road Kusumpti Shimla (HP) – 171 009	1
13.	M/s. Wipro Limited INDUS Conference Room Tower 4, 1st Floor, Wipro Ltd. Gate 1, DM Block, Sector – V Salt Lake, Kolkata – 700091	1
14.	The Indian Institute of Remote Sensing 4, Kalidass Road, P.B. No. 135 Dehradun – 248 001, India	6
15.	Prof. Olaf Dossel Karlsruhe Institute of Technology Karlsruhe 76131 Germany	1
16.	Dr. Arnab Maity Assistant Professor Department of Aerospace Engineering Indian Institute of Technology, Bombay Powai, Mumbai – 400 076	1
17.	M/s. North Central Railway Project Unit Ircot Complex, Shivaji Bridge New Delhi - 110001	1
18.	M/s. Bharat Sanchar Nigam Ltd. Staff Selection O/o Telecom District	1
19.	M/s. Bharat Electronics Ltd. (BEL) 405, Industrial Area, Phase – III Panchkula – 134113 (Haryana)	2
20.	M/s. Satya Technologies Door No. 7-1-455, 2 nd Floor, Sri Sai Arcade, Beside Aditya Trade Centre, Ameerpet, Hyderabad, Telangana	2
21.	The Director RDC-SASE, HIMPARI SAR Plot No. 1, Sector 37-A, Chandigarh Pin Code - 160036	1
22.	M/s. Bharat Sanchar Nigam Ltd. Hamirpur (HP)	1
23.	M/s. Bharti Airtel Ltd. Gurgaon	1

24.	The Senior DSTE Kota Jn. Rly. Station Kota Division Rajasthan	1
25.	M/s. Bharat Sanchar Nigam Limited Office of Chief General Manager Telecom HP Circle, Shimla - 171009	1
26.	M/s. Uurmi Group D.No. 860/A Road No. 45, CBI Colony Jubilee Hills, Hyderabad Telangana - 500033	1
27.	The AGM (HR) BSNL O/o GMTD Chandigarh	1
28.	The University of Calgary Alberta, Calgary, Canada	1
29.	M/s. Reliance Jio Infocomm Ltd. Aanad Bhawan, Sansar Chandra Road Jaipur, Rajasthan (India)	1
30.	BSNL, ALTTC Raj Nagar Near Hapur Chungi Ghaziabad - 201002	3
31.	M/s. ADRDE Mall Rd. Sultan Pura, Idguh Colony	1
32.	M/s. Brian O Vision Solutions Mohan's Elite, 1st Floor H. No. -2-56/5/50 Madhapur, Khanamet Hyderabad – 500 081	2
33.	M/s. Bharat Dynamics Ltd. Bhanur, Patancheru (M) Medak Dist., Telengana - 502305	1
34.	M/s. Bharat Electronics Limited Central Research Laboratory Bharat Nagar Post Ghaziabad - 201010	1
35.	M/s. North Central Railway Project Unit Ircot Complex, Shivaji Bridge New Delhi - 110001	1
36.	M/s. Bharat Sanchar Nigam Limited Office of the General Manager Telecom District Hamirpur BSNL, Bhawan, Bhota Chowk, Hamirpur (HP) – 177 001	3
37.	M/s. Aryan Informatrix Pvt. Ltd. Jaipur	1
38.	M/s. North Central Railway Project Unit Ircot Complex, Shivaji Bridge New Delhi - 110001	1
39.	BSNL, Office of the General Manager Telecom Distt. Kanpur	1
40.	The IIRS, ISRO Dept. of Space, Govt. of India 4, Kalidass Road, Dehradun Uttarakhand - 248001	1

41.	M/s. Sasken Technologies 139/25, Ring Road Domlur, Bangalore - 560071	1
42.	The Assistant Engineer Door Darshan Kandra Jammu	1
43.	The Global Campus Hiring Team Wipro Limited	2
44.	Mrs. Maya Sr. Pvt. Secretary to Associate Director, HR	2
45.	The CSIR – National Physical Laboratory New Delhi	1
46.	M/s. Wearberry Soft Solutions India Pvt. Ltd. H. No. 8-2-293/82/A Plot No. 1091, Road No. 41 Jubilee Hills, Hyderabad - 500033	1
47.	RWTH Aachen University Germany	1
48.	M/s. Bharat Sanchar Nigam Limited O/o Telecom District Manager, Sitapur (UP)	1
49.	M/s. NTPC Kahalgaon P.O. – Kahalgaon, District – Bhagalpur Bihar - 813214	1
50.	M/s. Cadence Design Systems Noida	1
51.	M/s. Bharat Sanchar Nigam Limited Department of Telecommunications, Hyderabad	1
52.	BSNL, Office of the General Manager Telecom Distt. Kanpur	1
53.	The Regional Telecom Training Centre, Jaipur - 13	2
54.	The MNNIT Allahabad Teliargary Allahabad Uttarpradesh - 211004	1
55.	M/s. Bharat Heavy Electricals Limited Ramachandrapuram Hyderabad - 500032	1
56.	The AGM (HR & PLG) O/o TDM BSNL ETAH - 207001	1
57.	M/s. SCL Mohali Punjab	1
58.	M/s. RedSky Technologies Pvt. Ltd. Mumbai	1
59.	Dr. Raja Lakshmi Electrical Engineering Department IIT Hyderabad	1
60.	M/s. C-DOT Campus Mehrauli, New Delhi	1
61.	M/s. Luminous Power Technologies Pvt. Ltd. Vill. Shivbari, Gagret, Tehsil – Amb Distt. Una (HP)	1

62.	The Assistant Director Telecom (HR) Bharat Sanchar Nigam Limited Office of Chief General Manager Telecom HP Circle, Shimla – 171 009	1
63.	Dr. Manoj Kumar Shukla Professor Electronics Engg. Deptt. H.B.T.U, East Campus Kanpur.	1
64.	M/s. Stellent Soft Pvt. Ltd. Visakhapatnam, Andhra Pradesh.	1
65.	M/s. Biztime IT Solutions Pvt. Ltd. #12, AMC Main Road Kavalbyrasandra, RT Nagar Bangalore - 560032	6
66.	M/s. C-DAC (Centre for Development of Advanced Computing) A-34, Phase – VIII, Industrial Area Mohali – 160 071, Chandigarh, Pb. India.	8
67.	Dr. S.R.S. Iyengar IIT Ropar	1
68.	M/s. 7 Horse Software Development Zirakpur, Maya Garden City Block No. E 3 Punjab - 160062	1
69.	The Impinge School of Training and Development #F-264, Phase VIII-B, Indl. Area, Mohali Punjab	2
70.	The HR Tech. Mahindra SDC, 45-47, Phase 2, Hosur Road Electronics City, Bangalore – 560 100	1
71.	M/s. Cogo Freight Private Limited 3 rd Floor, T2 Pinnacle Business Park Mahakali Caves Road, Andheri East Mumbai - 400047	4
72.	Sh. Ruchir Chaturvedi Sr. IT Architect Tower C, Unitech Cyber Park Sector 39, Gurugram, Haryana - 122001	1
73.	M/s. Bharat Sanchar Nigam Limited (BSNL) Mandi (HP) - 175001	1
74.	M/s. Wipro Limited No. – 72, Keonics Electronics City Hosur Road, Gate 1, Bangalore - 560100	1
75.	M/s. Optum Global Solutions (India) Pvt. Ltd. Pioneer Towers, 3rd Floor (3A) Plot No. 16, Software Unit Layout Hi-Tech. City, Madhapur Hyderabad, Telangana – 500 081	1
76.	Sh. Kapil Agarwal Sr. Apps Developer Floor 12, Tower-B, Unitech Cyber Park Sector 39, Gurugram, Haryana - 122001	1
77.	Dr. Sam Joseph, Ph.D. Co-Founder and Chair of the Board of Trustees Agile Ventures, Registered UK Chairty 1170963	1

78.	M/s. SPP Infotech Pvt. Ltd. Plot No. – 209 First Floor, Phase – 5 Industrial Area, SAS Nagar Mohali Chandigarh - 160055	3
79.	The Centre for Development of Advanced Computing (CDAC) C-DAC, Knowledge Park No. 1, Old Madras Road, Byappanahalli Bengaluru – 5600038, India	4
80.	Dr. Vinod Kumar Agrawal Head – Information Technology Division Council of Scientific & Industrial Research HQRS Anusnadhan Bhawan, 2 Rafi Marg, New Delhi - 110001	1
81.	M/s. Playbuff Studios Pvt. Ltd. Tower B, 3rd Floor DLF Building, IT Park Chandigarh	1
82.	M/s. Impinge IT Solutions Pvt. Ltd. #F-265, Phase VIII-B Indl. Area Mohali (Punjab)	2
83.	M/s. Socit Technologies Pvt. Ltd. 1st Floor, Ghuggar Palampur, Distt. Kangra (HP) Pin Code – 176 061	1
84.	M/s. Infowiz Software Sco: 118-120, Sector 34-A Chandigarh, 160022, IN	3
85.	M/s. VAIOTI Kanpur 117/M/138, Kakadeo Kanpur (UP) - 208019	1
86.	Sh. Shyam Babu Scientist ‘C’ Hazard Mitigation and Engineering Division (HMED) For Director SASE GOI, Ministry of Defence Defence Research and Development Organization Snow and Avalanche Study Establishment (SASE) Research and Development Centre Him Parisar Plot No. 1, Sector 37-A, Chandigarh (UT) - 160036	1
87.	The Director XOR Labs Pvt. Ltd. SCO 11, Sector 58 Phase 5, Industrial Area Mohali - 160059	1
88.	M/s. Tech Experia Nucleus Computers Ltd. E-78, 2nd Floor, South Extension-I New Delhi - 110049	1
89.	M/s. C-DAC (Centre for Development of Advanced Computing) 68, Electronics City Bangalore – 560100, India	2
90.	M/s. SSK Infotech Solutions Pvt. Ltd. Mahati East End, Level-3 Jayabheri Enclave, Survey No. 66-67 Hitech City, Madhapur, Hyderabad - 500081	1

91.	M/s. Byte System Near ChhotaChoraha, Dadabari Kota Rajasthan	1
92.	Prof. Deepak B. Pathak Professor Dept. of CSE, IIT Bombay Powai, Mumbai – 400 076, India	1
93.	M/s. Yatra.com Unitech Cyber Park Tower A, 5th floor, Sector – 39 Gurgaon, India – 122 002	1
94.	M/s. C-DAC ATC NETCOM IT – 23, Sitapura, EPIP Software IT Park Jaipur – 302022 (Rajasthan)	1
95.	The Training Manager HAL Accessories Division Faizabad Road, Indira Nagar Lucknow - 226016	1
96.	The Ministry of Railway Jaipur	1
97.	M/s. SmartWiz Technologies F-131, Ground Floor Phase-8B Industrial Area, Mohali - 160058	2
98.	M/s. Aryan InfomatrixPvt. Ltd. Jaipur	2
99.	M/s. William O'Neil India A4, Technomark Television 1st Floor, NGEF Industrial Estate Bengaluru, Karnaaka - 560048	2
100.	M/s. E-Plus Studio Technologies (India) Pvt. Ltd. A-58/59, Giriraj Industrial Premises Mahakali Caves Road Andheri (East), Mumbai - 400093	1
101.	M/s. C-DAC (Centre for Development of Advanced Computing) Research Center Bengaluru, Karnataka	1
102.	M/s. Amazin Automation Solutions Pvt. Ltd. Unit No. 142, JMD Megapolis Building Sector 48, Sohna Road, Gurgaon Haryana – 122018	1
103.	M/s. Ritusha Consultants Private Ltd. 113/166, 2 nd Floor NadriBaazr, Swaroop Nagar, Kanpur	1
104.	M/s. Ashok Leyland Plant Pantnagar Plot No. 1, Sector XII, IIE Pantnagar, Uttarakhand.	6
105.	M/s. CMI Energy India Pvt. Ltd. Tehsil Nalagarh Baddi, Dist. – Solan - 173205	1
106.	M/s. Shriram Pistons & Rings Ltd. A4-7, Industrial Area, Meerut Road Ghaziabad - 201003	1

107.	M/s. Hero Motocorp Ltd. Plot No. 3, Sector 10, IIE Sidcul, Haridwar (UK)	1
108.	Mr.Ritesh Kumar Sharma Ordance Factory Dehradun Ministry of Defence, Dehradun	1
109.	M/s. National Fertilizers Limited NayaNangal, Punjab - 140126	20
110.	M/s. Gabriel India Ltd. Gurugram, Haryana – 122 004	1
111.	M/s. Ambuja Cement, Darlaghat Tehsil – Arki Distt. Solan (HP)	1
112.	M/s. Maruti Suzuki India Limited Old Palam Gurgaon Road Gurgaon – 122015 Haryana, India	1
113.	M/s. TVS Motor Company Ltd. Village – Bhatrain, Bharatgarh Road Tehsil – Nalagarh Dist. – Solan (HP) - 174101	3
114.	M/s. Simla Automobiles Pvt. Ltd. Mahindra & Mahindra Ltd. Ner Chowk Mandi (HP)	1
115.	M/s. International Tractors Ltd. Vill. Chak Gujran P.O. Piplanwala, Jalandhar Road Hoshiarpur - 146022	6
116.	M/s. Sundaram Auto Components Ltd. Village – Bhatrain, Bharatgarh Road Tehsil – Nalagarh Dist. – Solan (HP) - 174101	1
117.	Medhavvi Center for Automotive Research (R), Last Street Bansi Nagar, Opp. Railway Station, Hoshiarpur (Pb.) – 146 001	1
118.	M/s. P&R Infraprojects Ltd. Ropar	1
119.	M/s. Honda Cars India Ltd. Plot No. A-1, Sector 40/41 Surajpur – Kasna Road, Greater Noida Industrial Development Area Greater Noida (UP) – 201306	3
120.	Mahindra & Mahindra Ltd. Swaraj Division SAS Nagar, Mohali, Punjab	1
121.	Prof. Sudarshan Kumar Dept. of Aerospace Engg. IIT Bombay - 400076	2
122.	M/s. Petrofac Engineering Pvt. Ltd. 12th Floor, Building 14 Tower B, DLF Cyber City Sector 24 & 25 A, Gurugram Haryana - 122002	1
123.	BBMB (PW) Slapper, Distt. Mandi Mandi (HP) - 175017	1

124.	M/s. Honda Motorcycle and Scooter India Ltd. Narsapura Industrial Area, Narsapura Kolar, Karnataka	2
125.	Minda Industries Ltd. Haryana	1
126.	M/s. Ashok Leyland Limited Technical Centre, Vellivoyal Charadi, Chennai, India - 600103	2
127.	M/s. Lakshman Tools Pvt. Ltd. Plot No. 103, Sector-24, FBD.	1
128.	M/s. Indian Oil Corporation Ltd. Barauni Oil Refinery Dist.- Bagusarai Bihar - 85114	1
129.	M/s. Rajasthan Rajya Vidyut Utpadan Nigam Ltd. Dholpur Combined Cycle Power Project Office of the Chief Engineer (DCCPP)	1
130.	M/s. Blue Star Limited Nahan Road, Village Rampur Jatt Kala Amb, Distt. – Sirmour (HP) – 173 030	1
131.	M/s. Mahle Filter Systems (India) Pvt. Ltd. Plot No. 14, Sector1, 173220 Parwanoo, Distt.- Solan India	2
132.	M/s. Tata Motors Ltd. Chinhat Industrial Area Deva Road, Lucknow (UP)	2
133.	Mr. Anurag Bhardwaj Dy. Manager (HR) SJVN Limited SJVN Office Comple Shanan, P.O. – Sanjauli Dist.Shimla (HP) - 171006	3
134.	M/s. Omax Autos Limited Kichha, Rudrapur (U.S. Nagar)	1
135.	M/s. Indian Oil Corporation Western Pipeline Division, Phagi Road, Chaksu Jaipur - 303901	1
136.	M/s. Mahindra & Mahindra Swaraj Division Phase – 4, Industrial Area, Mohali	1
137.	M/s. Autonomous Logistics Technologies Pvt. Ltd. Hyderabad.	1
138.	M/s. India Yamaha Motor Pvt. Ltd. A3, Industrial Area, Noida – Dadri Road Surajpur – 201306 Dist. G.B. Nagar (UP)	1
139.	M/s. Lift – Tech Material Movement Rajeev Colony, Samaypur Road Opp. State Bank of Patiala Sector – 25, Ballabgarh Faridabad - 121004	2

140.	M/s. Him Technoforge Ltd. Village – Manpura, Tehsil – Baddi Himachal Pradesh - 174101	1
141.	Dy. GM (KRG/TRG) 510 Army Base Wksp Meerut Cantt. PIN 900468	1
142.	M/s. Ashok Leyland Plant Matsya Industrial Area Alwar (Rajasthan) Pin Code - 301030	1
143.	The Executive Director (Engineering) RSRTC Head Office, Parivahan Marg Chaumu House, Jaipur, Rajasthan Pin Code - 302001	1
144.	The Personnel Officer CTPP, RVGU, Chhabra, Rajasthan	1
145.	M/s. Bharat Heavy Electricals Limited Human Resource Development Centre Haridwar - 249403	10
146.	M/s. Honda Cars India Ltd. SPL -1, Tapukara Industrial Area Khushkhera, Distt. – Alwar Rajasthan – 301707	1
147.	Tata Sikorsky Aerospace Limited Aditya Nagar, Ranga Reddy District Adibhatla, Telangana - 501510	1
148.	M/s. Maruti Suzuki India Ltd. Manesar Plant Plot No. 1, Phase 3A IMT Manesar, Gurgaon - 122051	1
149.	M/s. Mahindra & Mahindra (Swaraj Divison) Mohali Swaraj Tractors Ltd. Phase 4 , Industrial Area Sec. 73 Mohali, Punjab - 160055	1
150.	The Executive Director (Engineering) RSRTC Head Office, Parivahan Marg Chaumu House, Jaipur, Rajasthan Pin Code - 302001	1
151.	M/s. IRDE Raipur Road Dehradun – 248008 Uttarakhand	1
152.	M/s. Aarti Stips Pvt. Ltd. Biratnagar, Nepal	1
153.	M/s. Omkeshawar Hydroelectric Power Plant Mandhata, Khandwa Distt. Madha Pradesh	1
154.	M/s. BHEL Haridwar Sector 3, Bhel Township Haridwar, Uttarakhand - 249403	1
155.	M/s. National Engineering Industries (NBC) Khatipura Road Jaipur - 302020	2

156.	The Human Resources Tata Motors Limited (TML) Drive Line Jamshedpur Pin Code - 831010	1
157.	The SJVN Nathpa Jhakri (HP)	6
158.	The Giri Power House Division HPSEBL, Girinagar - 173031	2
159.	M/s. Bharat Heavy Electricals Ltd. Human Resource Development Centre Haridwar	4
160.	M/s. Schneider Electric Infrastructure Ltd. Vadodara, Gujarat	1
161.	M/s. Koldam Hydropower Project NTPC Limited, Barmana, Distt. Bilaspur (HP)	1
162.	M/s. Power Grid Corporation of India Ltd. HVDC, Kurukshetra	5
163.	The Assistant Executive Engineer Elect. Mtc. Sub Division No.-II HPSEB Ltd. LPH, Thalout, Distt. Mandi (HP)	1
164.	The Office of Executive Engineer 132KV Sub-Station Kangra (Ghurkari), HPSEBL	1
165.	The Superintending Engineer Shanan Power House P.S.P.C.L. Joginder Nagar	1
166.	The Bhakra Beas Management Board, Nangal	1
167.	The Assistant Manager (HR) Human Resource Deptt. Rampur HPS, Bayal	8
168.	M/s. Lanco Thermal Power Ltd. H. No. 104, Upper Shyam Nagar Dharamshala – 176215 Distt. Kangra (HP)	1
169.	Sh. SrikantSrinivasan Vice President & Head – HR Power Transmission & Distribution IC Larsen & Toubro Limited Construction P.B. No. 979, Mount Poonamallee Road Manapakkam, Chennai – 600 089	1
170.	The Incharge, Hydel Training Institute SJVN, Kotla Tehsil – Rampur Distt. – Shimla (HP)	1
171.	The BBMB (Power Wing) Pongdam Nangal Township	2
172.	The North West Railway DRM Office Jaipur, Rajasthan	1

173.	M/s. Jakson Ltd. A-43, Hosiery Complex Block – B, Noida, Phase -2 (UP) - 201305	1
174.	The Pong Dam Talwara Pong Power House Circle BBMB Talwara Township	1
175.	The Manager (HR-EDC) NTPC Ltd., Barh Patna, Bihar	3
176.	The Chief Engineer HPSEBL Distt. Kangra Substation (132KV) (HP)	1
177.	The Assistant Manager Power House, NJHPS Jhakri Distt. – Shimla (HP)	1
178.	The Assistant Executive Engineer Elect. Mtc. Sub Division No.-II HPSEB Ltd. LPH, Thalout, Distt. Mandi (HP)	1
179.	The Office of Executive Engineer 220 KV GSS, Herapura Jaipur, Rajasthan Pin Code – 302005	4
180.	The Ministry of New and Renewable Energy, Block No. 14, C.G.O. Complex, Lodi Road, New Delhi	1
181.	Rajasthan Electronics and Instrumentation Ltd. 2 Kanakpura Industrial Area, Jaipur - 302012	2
182.	M/s. TTC DLW Varanasi	1
183.	M/s. Delhi Metro Rail Corporation Ltd. Metro Bhawan Fire Brigade Lane, Barakhamba Road New Delhi – 110001, India	5
184.	Sh. Amit Gupta Asst. Manager Traction (Line-4/KB-NCC-VASI) DMRC	5
185.	The National Institute of Solar Energy Gurugram	1
186.	132KV GSS RVVNL Deoli, Distt. – Tonk Rajasthan	1
187.	The Chief Engineer (C&C) Rajasthan Rajya Vidyut Prasran Limited Ajmer (Rajasthan) (GSS RVVNL 220 KV, Sabalpura, Sikar)	1
188.	M/s. Tata Steel Orissa, Kalinganggan Pin Code - 755026	1
189.	The Rajwest Power Plant Barmer Rajasthan	1

190.	Dr. Gurunath Gurralla Assistant Professor Dept. of Electrical Engineering IISc Bangalore	1
191.	M/s. Sterling and Wilson Pvt. Ltd. 4/c-482, Gomti Nagar Extension Lucknow - 226010	1
192.	The Foroze Gandhi NTPC Unchahar Distt. Bareilly (UP)	1
193.	The HPSEBL Bijni 132/33 KV Distribution Substation Mandi – 175001	1
194.	M/s. Matrix Comsec 394, GIDC Makarpura Vadodara, Gujrat	1
195.	The Indian Institute of Technology Roorkee Roorkee	1
196.	The Chhabara Thermal Power Plant Dist. – Baran, Rajasthan	1
197.	Mr.ChajanKosanbia COO ShilpMaitri, Opp. Shiv Temple Bhatar Road Surat - 395017	1
198.	M/s. Larsen & Toubro Limited Power Transmission & Distribution IC Manapakkam, Chennai – 600 089	1
199.	M/s. Gail India Limited Vijaipur, Guna (MP)	1
200.	Er. D.S. Choudhary Executive Engineer 220 KV GSS RVPNL Bhadra Dist. – Hanumangarh Rajasthan	1
201.	The Deputy Project Manager L&T MGR Railway Corridor Project Office, Village – Chauliberna, P.O. & P.S. – Brajrajnagar, Distt. – Jharsuguda, Odisha - 768216	1
202.	M/s. NHPC Limited Parbati-2 HE Project Post – Nagwain, Distt. Mandi (HP) Pin Code - 175121	5
203.	The Executive Engineer Hamirpur Division HPPWD Hamirpur	13
204.	The Sr. Manager (HRT) Sawra-Kuddu H.E.P. H.P.P.C.L. Hatkoti, Tehsil – Jubbal Distt. Shimla (HP)	1
205.	The Engineer D2 Consult – ICT JV Solang, Manali, Distt. – Kullu.	5

206.	The Assistant Engineer Nagrota Sub-Division NagrotaBagwan (HP) Pin Code - 176047	1
207.	M/s. IL&FS Engineering and Construction Company Ltd. Village – Kuddi, NH – 88 Near Ghagus, P.O. Binola, Tehsil - Sadar, Distt. – Bilaspur (HP)	2
208.	Prof. Dr.-Ing. Habil.F.Wuttke Chair of Geomechanics und Geotechnics Institute of Applied GeoScience, Ludewig-Meyn- Str.10 24118 Kiel, Germany	1
209.	Dr.AnubhaGoel Asstt. Professor Department of Civil Engineering IIT Kanpur	1
210.	M/s. NBCC Limited Office of Addl. General Manager Unit Office : IIT Works Kamand, Mandi (HP)	1
211.	M/s. Gammon Engineers & Contractors Pvt. Ltd. GMR Bajoli - Holi HE Project Village & P.O. Holi -Deol, Tehsil – Bharmour, Distt. Chamba	1
212.	Office of the Chief Project Manager Nagpur Metro Rail Corp. Ltd. Nagpur - 440015	1
213.	The Director Personnel H.P. Power Corporation Ltd. BCS, Shimla – 171 009 (HP)	1
214.	The Executive Engineer Barsar Division HPPWD Barsar	1
215.	Mr. Rajarshi Ghosh (HRD) Transportation Infrastructure Independent Company L&T Construction, 3rd Floor Landmark – B, Suren Road Chakala, Andheri (East), Mumbai	2
216.	Mr. D. Sudhakar L&T Business Park, TC-2 (Tower – B), 1st Floor Gate No. 5, Saki Vihar Road Powai, Mumbai – 4000 072	1
217.	Prof. K. Ramamurthy HOD, Dept. of Civil Engineering (Dr. Balaji Narasimhan) Associate Professor EWRE Division, CED IIT Madras	1
218.	M/s. Jaipur Metro Rail Corporation	4
219.	The Shift In Charge Chamera-III Power Station NHPC Ltd., Dharwala Chamba (HP) - 176311	1

220.	M/s. GMR BajoliHoli Hydropower Pvt. Ltd. Rattan Chand Building VPO : Kuleth, Sub-Tehsil : Holi Tehsil – Bharmour, Distt. – Chamba (HP) – 176 326	1
221.	The U.P. State Bride Corporation Ltd. Bareilly (UP)	1
222.	The Manager (HR) NTPC Koldam, Bilaspur	1
223.	The Public Works Department Almora, Uttarakhand	1
224.	M/s. Airports Authority of India Rajiv Gandhi Bhawan Safdarjung Airport New Delhi - 110003	1
225.	The Public Works Department Bypass Road, Sirmeth, Rajasthan	1
226.	The Junior Engineer CPWD Jaipur	1
227.	Mr. K. Krishna Kumar Manager HR - Water & Effluent Treatment IC Larsen & Toubro Limited Construction P.B. No. 979, Mount Poonamallee Road Manapakkam, Chennai – 600 089, INDIA	1
228.	M/s. Gawar Construction Ltd. SF-01, JMD Galleria Sec. 48, Sohna Road Gurgaon – 122001, Haryana	1
229.	The Deputy Chief Engineer C/Workshop/JHS Jhanshi (UP)	1
230.	The Junior Engineer CPWD Jaipur	1
231.	M/s. Larsen & Toubro (L&T) Banar Road, Jodhpur Rajasthan - 342027	1
232.	The Assistant Engineer P.W.D. (UP)	1
233.	The Public Works Department (PWD) Agra	1
234.	The Project Manager Larsen & Toubro Pvt. Ltd. Pokarun – Fulsund PHED Project Balotra (Bormer) Rajasthan - 344022	1
235.	CADD Centre Near Bus Stand Hamirpur (HP)	1
236.	Prof. Marco Borga Department of Land, Environment Agriculture and Forestry University of Padova, Italy	1

237.	The Public Works Department Division -2, Sawai Madhopur Rajasthan	2
238.	M/s. Lucknow Metro Rail Corporation Limited Administrative Building, Vipin Khand Gomti Nagar, Lucknow - 226010	2
239.	The Public Works Department Bypass Road, Bari Dist. – Dholpur Rajasthan	2
240.	LMRC Vipin khand Lucknow	1
241.	The Project Manager-2B Delhi Metro Rail Corporation Ltd. New Delhi - 110035	1
242.	M/s. Air Liquide North India Pvt. Ltd. Naptha Cracker Project Panipat	1
243.	M/s. Fermenta Biotech Ltd. Takoli, P.O. – Nagwain Distt. – Mandi – 175121 (HP)	2
244.	The Chief Manager (MS, L&D) Panipat Refinery (IOCL) - 132140	1
245.	M/s. Indian Oil Corporation Limited Research & Development Centre Sector-13, Faridabad – 121007 Haryana (India)	2
246.	M/s. Air Liquide Global E&C Solutions India Pvt. Ltd. A024/10, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi – 110044, India	1
247.	M/s. Nestle India Ltd. Pantnagar Udham Singh Nagar Uttarakhand - 263153	2
248.	M/s. ITC Limited VPO Manpura, Tehsil – Baddi Dist.- Solan (HP) - 174101	2
249.	The Deputy General Manager (MKTG-GPTC) Gail Polymer Technology GAIL (India) Ltd. B-35&36, Sector-1, Noida-201301	1
250.	Dr. Diva Sc ‘D’ HRD GOI, Ministry of Defence Defence Research & Development Organisation Terminal Ballistics Research Laboratory Sector – 30, Chandigarh – 160 030	1
251.	The Manager (MKTG-GPTC) GAIL (India) Ltd. DESU Terminal, I.P. Estate, Ring Road, New Delhi	2
252.	M/s. Cadila Healthcare Ltd. Manager Engineering Swaraj Majaa, juddi Kalan Baddi (HP) - 173205	1
253.	The AGM (HR) Training Deptt. EIL Gurugram	1

254.	M/s/ SEL Manufacturing Co. Ltd. Nawanshahar, Punjab - 144517	1
255.	M/s. I.O.C.L. Panipat Panipat Refinery and Petrochemical Complex, Panipat	1
256.	M/s. ONGC Ahmedabad Asset HR-ER Deptt., 5th Floor Avani Bhavan, Chandkheda Ahmedabad – 380005	4
257.	M/s. India Glycols Limited GIDA Industrial Area Phase -1, Sahjanwa Gorakhpur (UP) - 273209	2
258.	M/s. Indian Oil Corporation Limited Mathura Refinery, Mathura	1
259.	M/s. Shriram Rayons Shriram Nagar, Kota – 324 004 Rajasthan	1
260.	The Assistant Manager (T&D) Indian Oil Corporation Ltd. Barauni Refinery, Begugarai (Bihar)	3
261.	Dr. Prabhu R Nott Professor Chemical Engg. Dept. IISC Bangalore	1
262.	M/s. Indian Oil Corporation Ltd. Panipat Refinery, Panipat	1
263.	M/s. ACC Limited Gagal Cement Works P.O. – Barmana (HP)	1
264.	Mr. Chajan Kosanbia COO, ShilpMaitri, Opp. Shiv Temple Bhatar Road Surat - 395017	1
265.	Dr. Debajyoti Goswami Assistant Professor Department of Chemical Engineering University of Culcutta	1
266.	Mr. S. Swarna Raju Chief Engineer (Prodn.) Well Services, ONGC, Eoa, Kakinada	1
267.	M/s. Lumata Digital India Pvt. Ltd. C-28/29, 7 th Floor, Tower A Logix Cyber Park, Sector 62/C Noida, (UP) – 201309	1
268.	M/s. Smartwiz Technologies Mohali, Chandigarh	8
269.	M/s. Snow Web Digital Bhatakufar, Shimla - 171001	3
270.	Dr. Aditya Nigam Assistant Professor School of Computing & Electrical Engineering The Indian Institute of Technology Mandi, Kamand - 175005	1

271.	Dr.Sandeep Kumar Assistant Professor Deptt. Of Computer Science & Engg. Indian Institute of Technology Roorkee, Roorkee	1
272.	M/s. Tak Softwares 125, Ganpati Arcade Gurgaon – 122001 Haryana, India	2
273.	Sh. Arnav Bhavsar School of Computing and Electrical Engg. IIT Mandi, Mandi, India	1
274.	M/s. LAVA International Ltd. A-56, Sector 64 NOIDA	1
275.	M/s. Fossbytes Media Pvt. Ltd. Noida (UP)	1
276.	Dr. Arnaud Legout I.N.R.I.A. Centre de recherché de Sophia AntipolisMediterranee 2004, Route Des Lucioles – B.P. 93 06902 SOPHIA ANTIPOIS CEDEX FRANCE	1
277.	M/s. Deziign Suite (TCS iON) Training Partner NABI Building, C-127, Level- 3, Phase – 8 Industrial Area, Mohali – 160055, Punjab	4
278.	Professor D.B. Phatak Ekalavya Summer Internship Indian Institute of Technology, Bombay Powai, Mumbai (Maharashtra) - 400076	2
279.	The DRDO ISSA Govt. of India, Min. of Defence Institute for Systems Studies & Analyses Defence R &D Organisation Metcalf House, Delhi – 110054	1
280.	Dr. Ayush Maheshwari Associate Professor Department of Computer Sc. &Engg. Indian Institute of Technology, Bombay	1
281.	The Summer Research Internship Programme – 2017 Indian Institute of Information Technology – Allahabad Jhalwa, Deoghat, Allahabad - 211012	1
282.	M/s. Workholics Infocorp. 09, Vishal Nagar Annapurna Main Road, Indore - 452009	1
283.	M/s. HP Computer 116/N/54 Kakadeo Kanpur, Near Suraj Hospital UP - 208025	1
284.	M/s. mBreath Technologies Pvt. Ltd. Science & Technology Entrepreneurs Park, IIT Kharagpur, West Bengal - 721302	1
285.	M/s. Bharat Electronics Limited 405, Industrial Area, Phase- III Panchkula – 134113 (Haryana)	1

286.	M/s. Workholics Infocorp. 09, Vishal Nagar Annapurna Main Road, Indore - 452009	1
287.	M/s. Rail Coach Factory (RCF) Kapurthala, Hussainpur, Rasulpur, Chisty Punjab - 144602	1
288.	M/s. Dcube Tech Ventures Pvt. Ltd. E-190, 5th Floor, Industrial Area Phase 8B, Mohali, Punjab - 160055	1
289.	M/s. Eleven Internet Services LLP Bogineni (2nd Floor) 9th Main Rd., Stage 2 Eshwara Layout, Indira Nagar Bengaluru, Karnataka - 560038	1
290.	The MNNIT Allahabad, UP	1
291.	M/s. Brain O Vision Solutions Pvt. Ltd. Hyderabad	2
292.	Dr. K. Narayanan CSC Department Indian Institute of Technology Delhi	1
293.	M/s. 121 Mapping Inc. Oberoi Garden Premises Chandivali, Andheri (E) Mumbai - 400072	1
294.	M/s. TCIL IT (Telecommunication Consultants India Ltd.) SCO 3017-18, IInd Floor, Sector 22-D Chandigarh - 160022	1

Placement for 2016– 2017

Campus Placement:

During the academic session 2016-17, 49 companies from different sectors visited our Institute for campus placement of B.Tech./B.Arch./M.Tech. students. In all, 412 offers have been issued to our B.Tech. students. The following is the list of companies who visited the institute and the record of placement for the academic year 2016-17.

B.Tech. 2017 batch:-

2017 (Total 49 Nos. of organizations in which student has been placed during the year 2016-17)					
Sr. No.	Discipline	No. of students in final year		Total No. of students placed through Placement Cell	Percentage of placement
		Total	Eligible/ Appeared		
1	Elect. & Comm. Engg.	84	65	64+17*	98.46
2	Comp.Sc. & Engg.	85	73	70+26*	95.89
3	Electrical & Electronics Engg.	88	70	52+19*	74.28
4	Mechanical Engg.	87	69	64+35*	92.75
5	Civil Engg.	84	43	38+6*	88.37
6	Chemical Engg.	56	51	19+2*	37.25
Total:		484	371	307+105*	82.74

Marked* students have got more than one job.

B.Arch. 2017 Batch

2017 (Total 1 No. of organization in which student has been placed during the year 2016 -17)					
Sr. No.	Discipline	No. of students in final year		Total No. of students shortlisted through Placement Cell	Percentage of placement
		Total	Eligible		
1	Architecture	44	44	01	-

M.Tech./M.Arch/MBA

2017 (Total 04 Nos. of organizations in which student has been placed during the year 2016-17)					
Sr. No.	Discipline	No. of students in final year		Total No. of students placed through Placement Cell	Percentage of placement
		Total	Eligible/ Appeared		
1	Geotechnical Engg.	15	15	-	
2	Structure Engg.	13	13	-	
3	Transportation Systems Engg.	12	12	-	
4	Water Resource Engg.	11	11	-	
5	THERMAL ENGG. (MECH. ENGG.)	13	13	1	
6	(CAD-CAM) (ME)	10	10		
7	Power Systems (EEE)	10	10	-	
8	Signal Processing & Control (EEE)	08	08	2	
9	Condition Monitoring, Protection & Control of Electrical Apparatus (EEE)	10	10	-	
10	VLSI Design & Automation Techniques (ECE)	12	12	5	
11	Comm. Systems & Networks (ECE)	13	13	2	
12	Comp. Sc. & Engg.	10	10	3	
13	Mobile Computing	09	09	3+1*	
14	Energy Technology	10	10	-	
15	Environmental Engg.	11	11	-	
16	Material Sc. & Engg.	08	08	-	
17	Architecture	05	05	-	
18	MBA	09	09	-	
Total:		189	189	16+1*	

CAMPUS PLACEMENT RECORD OF B.TECH / B.ARCH / M.TECH**YEAR : 2016 – 2017****B.Tech.**

Sr. No.	Name of Organisation	Disc. of Engg considered	App. Pay Pac. (Rs. Lakhs per annul	Students Selected						Total
				E&CE	CSE	EE	ME	CE	Chemical	
1.	Drishti-Soft Solution Pvt. Ltd.	CSE/E&CE	16.30	-	2	-	-	-	-	02
2.	EXL Analytics Pvt. Ltd.	EE/CSE/EE	6.0	1	3	1	-	-	-	05
3.	Godrej Agrovet Ltd.	Chemical	5.5	-	-	-	-	-	1	01
4.	Analytics Quotients Pvt Ltd.	CSE/E&CE/Chemical	5.5	1	2	-	-	-	2	05
5.	ISGEC Heavy Engg. Ltd.	ME	4.75	-	-	-	2	-	-	02
6.	United Health Group (UHG)	CSE/E&CE/EE	9.88	4	7	1	-	-	-	12
7.	Grey-B Services Pvt. Ltd.	EE/CSE/E&CE	4.36	1	1	3	-	-	-	05
8.	Intellect Design Arena Ltd.	E&CE/CSE	5.00	6	4	-	-	-	-	10
9.	Wipro Technologies	CSE/EE/E&CE	6.00	9	8	1	-	-	-	18
10.	Ashok Leyland	ME	3.35	-	-	1	3	-	-	04
11.	Future First	ME	9.2	-	-	-	2	-	-	02
12.	L&T Construction Pvt. Ltd.	CE/E&CE/EE/ME	5.11	3	-	9	15	33	-	60
13.	Sapient Pvt. Ltd., Gurgaon	CSE/E&CE	5.05	6	9	-	-	-	-	15
14.	Samsung R&D Pvt. Ltd	CSE/E&CE	14.0	1	9	-	-	-	-	10
15.	Indiamart Intermesh Ltd.	CSE	3.8	-	3	-	-	-	-	03
16.	TT Consultant Pvt. Ltd.	E&CE	4.10	5	-	-	-	-	-	05
17.	Maruti Suzuki India Ltd.	ME	7.10	-	-	-	4	-	-	04
18.	Infosys Pvt. Ltd.	CE/EE/ME/E&CE/CSE/Chemical	3.20	15	9	12	30	4	8	78
19.	Capgemini Pvt. Ltd	E&CE/CSE/EE/ME/ Chemical	6.0	9	4	4	13	3	3	36
20.	Playbuff Pvt. Ltd.	E&CE/CSE	4.3/4.1	5	1	-	-	-	-	06
21.	SAP Lab. Pvt. Ltd.	CSE	10.0	-	1	-	-	-	-	01
22.	Info objects Pvt. Ltd.	CSE	5.0/4.0	-	3	-	-	-	-	03
23.	Tata Consulting Pvt. Ltd.	EE/ME/CSE/E&CE	3.30	4	3	13	3	-	-	23
24.	Oracle Pvt. Ltd.	EE/ME/CSE/E&CE	6.17/4.75	1	4	3	1	-	-	09
25.	Uflex Pvt. Ltd.	Chemical/EE/ME	3.75	-	-	2	2	-	2	06
26.	Vedanta Ltd.	Chemical/EE/ME	7.95	-	-	2	3	-	2	07
27.	Newgen Pvt. Ltd.	CSE	6.25	-	5	-	-	-	-	05
28.	Godrej & Boyce Pvt. Ltd.	CE/EEE/ME	5.50	-	-	1	7	1	-	09
29.	Saint Gobain Pvt. Ltd.	EEE/ME	6.0	-	-	2	1	-	-	03
30.	Hero Motocorp Ltd.	ME	6.5	-	-	-	2	-	-	02
31.	Tata Power Delhi Distribution	EE	4.31	-	-	5	-	-	-	05

32.	Samtel Avoinics Limited	E&CE	5.0	1	-	-	-	-	-	01
33.	Reliance Jio Infocomm Ltd.	CSE	4.5	-	4	-	-	-	-	04
34.	Virtusapolaris Pvt. Ltd.	E&CE	5.0	1	-	-	-	-	-	01
35.	KEC International Pvt. Ltd.	CE/EE	4.75	-	-	2	-	1	-	03
36.	Motherson Sumi INFotech & Designs Limited	CSE/E&CE	5.0	2	3	-	-	-	-	05
37.	First American Pvt. Ltd.	E&CE	7.0	1	-	-	-	-	-	01
38.	Indag Rubber Ltd., Solan	EE/ME	3.0	-	-	1	1	-	-	02
39.	Global Logic India Pvt. Ltd.	E&CE/CSE	4.5	2	2	-	-	-	-	04
40.	Bharat Petroleum Corpn. Ltd.	EE/ME	14.2	-	-	4	4	-	-	08
41.	Aakash Institute	CSE	5.61	-	1	-	-	-	-	01
42.	Code Brew Labs	CSE	3.5	-	2	-	-	-	-	02
43.	Hindustan Petroleum Corpn. Ltd.	EE/ME/E&CE	10.12	1	-	2	1	-	-	04
44.	Subros Pvt. Ltd.	ME	4.0	-	-	-	4	-	-	04
45.	Adobe Systems India Pvt.Ltd.	CSE	27.0	-	1	-	-	-	-	01
46.	Om Careers Pvt. Ltd.	Chemical/E&CE/EEE/ME	5.0/5.24/5.60	2	-	2	1	-	3	08
47.	Simplex Infrastructure Ltd.	CE	3.35	-	-	-	-	1	-	01
48.	Sprinklr India Pvt. Ltd.	CSE	12.0	-	5	-	-	-	-	05
49.	Afcons Infrastructure Ltd.	CE	4.80	-	-	-	-	1	-	01
		Total		81	96	71	99	44	21	412

B.Arch. 2017 batch

Sr. No	Name of Organisation	Disc.ofEngg considered	App. Pay Pac. (Rs. Lakhs per annum)	B.Arch	Total
1.	Godrej & Boyse Pvt. Ltd.	Arch	Rs.5.50	01	01
		Total			01

M.Tech. 2017 batch

Sr. No	Name of Organisation	Disc.ofEngg considered	App.Pay Pac. (Rs. Lakhs per annum)	Students Selected								
				ECE	CSE	EE	ME	CE	Mat. Sc.	Arc h	Energy	
1	Alstom Transport India Ltd.	EE	7.0	-	-	1	-	-	-	-	-	01
2	Infosys Pvt. Ltd.	ME/E&CE/CSE	3.20	5	3	-	1	-	-	-	-	09
3.	Tata Conculting	EE/ME/CSE/E& CE	3.50	2	-	1	-	-	-	-	-	03
4.	HCL Technologies	CSE	4.75	-	4	-	-	-	-	-	-	04
		Total										17

Total Nos. of organizations in which students placed from UG = 49 Nos.

Highest Package offered = Rs. 27.0 Lacs PA
Lowest package offered = Rs. 3.00 LacsPA
Average package offered = Rs. 5.58 Lacs PA

Total Nos. of organizations in which students placed from PG = 04 Nos.

Highest Package offered = Rs. 7.00 Lacs PA
Lowest package offered = Rs. 3.20 Lacs PA
Average package offered = Rs. 3.84 Lacs PA

Branch wise B.Tech students:

Branch	Highest Package offered	Lowest Package Offered	Average package offered
Civil Engineering	Rs. 6.00Lacs	Rs. 3.20Lacs	4.95
Electrical & Electronics Engineering	Rs. 9.88 Lacs	Rs. 3.00Lacs	5.23
Mechanical Engineering	Rs. 14.2 Lacs	Rs. 3.00 Lacs	5.18
Electronics & Communication Engineering	Rs. 14.0 Lacs	Rs. 3.20Lacs	5.18
Computer Science & Engineering	Rs. 27.0Lacs	Rs. 3.20Lacs	6.41
Chemical Engineering	Rs. 7.95 Lacs	Rs. 3.20 Lacs	4.77

4.8 Scholarships/Assistance ship:

Scholarship disbursed to the students (B.Tech/B.Arch/M.Tech/Ph.D) of this Institute under various scholarship schemes during the year 2016-17 (w.e.f. April, 2016 to March, 2017). Detail is as under:-					
Sl.No.	Name of the Scholarship	Name of source from where scholarship funds/grant received	Scholarship amount	No. of students got S/ship	Remarks
1	Merit-cum-Means Scholarship	Govt. of India, MHRD, New Delhi	2933600	76	Rs.38,600/- renewal (full s/ship) for 2012-13 & 2013-2014 batch students
			218900	11	Rs.19,900 renewal (token s/ship) for 2012-13 & 2013-2014 batch students
			270200	7	Rs.38,600/- fresh (full s/ship) for 2012-13 & 2013-2014 batch students
			39800	2	Rs.19,900 fresh (token s/ship) for 2012-13 & 2013-2014 batch students
			6329600	86	Rs.73,600/- renewal (full s/ship) for 2014-15 batch students
			112200	3	Rs.37,400/-renewal (token s/ship) for 2014-15 batch students
			662400	9	Rs.73,600/- fresh (full s/ship) for 2014-15 batch students
			74800	2	Rs.37,400/-fresh (token s/ship) for 2014-15 batch students
			2944000	40	Rs.73,600/- renewal (full s/ship) for 2015-16 batch students
2	M.Tech. Stipend (for GATE qualified students)	Govt. of India MHRD, New Delhi	411400	11	Rs.37,400/-renewal (token s/ship) for 2015-16 batch students
			2281600	31	Rs.73,600/- fresh (full s/ship) for 2015-16 batch students
			224400	6	Rs.37,400/-fresh (token s/ship) for 2015-16 batch students
			54319002	395	Rs.12400/- each PM for 2015-17 & 2016-18 batch students (as per actual presence)
			510933	9	Rs.12400/- each PM for 2015-17 batch students (as per actual presence)
3	Financial Assistance to Ph.D Scholars.	Govt. of India under TEQIP Grant			
		Govt. of India MHRD, New Delhi	9863761	47	Rs.25,000/- each per month & Rs.28,000 PM after two years
		Govt. of India MHRD, New Delhi (Under TEQIP-II Grant)	5587693	23	Rs.25,000/- each per month & Rs.28,000 PM after two years
4	Central Sector Scholarship "Top Class Education" for ST -Category Students (Top-05)	Deity Scholarship	3229984	9	Rs.31,500/- each per month
		GOI, Ministry of Tribal Affairs, New Delhi	167800	2	Renewal for 4th year 2012-13 batch students
			323200	2	Renewal for 3rd year 2013-14 batch students
			475600	4	Fresh for 2nd year 2014-15 batch students.

5	ACC -Scholarship	ACC Ltd. Gagal Cement Works Barmana, Bilaspur (HP)	204000	17	Rs. 6000/- each -per semester (i.e. Rs. 12000/- for both semester)- account payee (paid directly student's a/c)
6	Post Matric S/ship, Telangana	Telangana Govt.	106850	1	Directly paid to student account for the year 2014-15 & 2015-16
7	Post Matric S/ship, Bihar	Directorate of Bihar Govt.	1177760	20	Directly paid to students' account for the year 2015-16
8	Post Matric S/ship, UP	UP Welfare Department	91000	1	Directly paid to students' account for the year 2015-16
9	ONGC-S/ship	ONGC-Academy Dehradun Uttarakhand	156000	3	2012, 2014 & 2015 batch students (in r/o Mechanical Engg. 3rd year Topper)
10	ONGC Merit Scholarship	ONGC Limited SC/ST Cell Tel Bhawan, Dehradun.	192000	4	Merit Scholarship @ Rs. 48,000/- per student
11	H.P Board Scholarship	Secretary H.P. Education Board Dharamsala (HP)	408000	34	All batches Renewal and Fresh Scholarship
12	MHRD- (CBSE Board) (under more than 80% scheme)	Govt. of India MHRD, New Delhi	90000	9	2012-13 to 2015-16 batch students (paid directly student's a/c)
13	MHRD- through concerned State Boards (under more than 80% scheme)	Govt. of India MHRD, New Delhi	60000	6	2012-13 to 2015-16 batch students (paid directly student's a/c)
14	Departmental Scholarship	BSNL	21600	3	in r/o 2014-15 to 2015-16 batch students dependent of BSNL Employee.
		IFFCO	41000	1	in r/o 2014-15 batch student
		Railway	91000	5	in r/o 2013-14, 2014-15 & 2015-16 batch students
		Raj. School Education Board	5000	1	Teachers' Ward S/ship
		PB School Board	10000	1	in r/o 2014-15 batch student
		Indian Army	12000	2	in r/o 2012-13 & 2013-14 batch student
		BSF S/ship out of EDN Fund	30000	3	in r/o 2014-15 batch student
		Indian Air Force Benevolent Association	18000	3	in r/o 2013-14 & 2015- 16 batch students
		Indian Air Force Southern Air Command S/ship	15000	1	in r/o 2015-16 batch student
		Bihar Police Education Fund	10000	1	in r/o 2016-17 batch student
		Central Welfare Fund, SSB, GoI	19000	1	in r/o 2014-15 batch student
		Police Department, UP	31000	1	in r/o 2015-16 batch student
		Mandi Shiksha Uthan Samiti/DC Mandi (HP)	20000	1	in r/o 2015-16 batch student
		NCERT (NTS)	48000	2	in r/o 2015-16 batch student
		Police Department, Telangana	6000	1	in r/o 2016-17 batch student

15	FAEA -Scholarship	FAEA Scholarship (BHEL -3)C-25 Outab Institutional Area, New Delhi-110 016	50000	1	in r/o 2014-15 batch student	
16	UGC, New Delhi	UGC Scholarship for North Eastern Region	85800	1	in r/o 2014-15 batch student for two year (2015-16 & 2016-17)	
17	Hans Raj Foundation	Hans Raj Foundation S/ship	30810	1	in r/o 2015-16 batch student	
18	MHRD, Gol	J&K Special S/ship, MHRD, Gol	36633	1	in r/o 2011-12 batch student	
19	Ministry of Min. Affairs, Gol	MOMA S/ship	27500	1	in r/o 2013-14 batch student	
20	CSSS for College & University Students	Deptt.of Higher Education, Gol	20000	2	in r/o 2013-14 & 2016-17 batch students	
21	HP Social Department	HP Social Department S/ship	6000	1	in r/o 2013-14 batch student	
22	Dr. Ambedkar PMSS for EBC, HP	Director Higher Education, Shimla Himachal Pradesh	170850	2	in r/o 2015-16 batch student	
23	Post Matric S/ship for SC/ST (under Centrally sponsored S/Ship Scheme) (through hp e-pass software)	Director Higher Education, Shimla Himachal Pradesh	1330300	19	(2011-12 to 2015-16 batch SC-students) -paid directly student's a/c	
		Director Higher Education, Shimla Himachal Pradesh	951000	13	(2012-13 to 2015-16 batch ST-students) -paid directly student's a/c	
24	Indira Gandhi Utkrisht Chhatravritti Yojana (through HP e-Pass software)	Director Higher Education, Shimla Himachal Pradesh	10000	1	in r/o 2013-14 batch student	
25	Kalpana Chawla Chhatravarty Yojna (through hp e-pass software)	Director Higher Education, Shimla Himachal Pradesh	150000	10	(2013-14, 2014-15 to 2015-16 batch students) -paid directly student's a/c	
26	SJVN-Silver Jubilee Merit S/Ship	SJVN-Silver Jubilee Merit Scholarship, H.O Shimla Himachal Pradesh	3792000	158	(2012-13 to 2015-16 batch students) -paid directly student's a/c	
			1632000	68	Fresh for 1st year 2016-17 batch students.	
27	Prime Minister's Merit Scholarship	Ministry of Defence Kendriya Sainik Board PM Scholarship Scheme West Block IV, Wing V R.K. Puram, New Delhi-66	240000	10	Rs.24,000/ for each student-directly paid to student account	
28	Indian Oil Education Scholarship	Administrator M/s ACE Consultants Indian Oil Scholarship Scheme, B-13, DSIDC Complex, Patparganj, Industrial Area, Delhi-92	36000	1	2013-14 batch student (directly paid student's a/c)	

29	NTPC Limited	NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodhi Road, New Delhi	96000	2	Rs.48000/- each for 2014-15 batch students
30	Rashtriya Ispat Nigam Limited, Vizag	Rashtriya Ispat Nigam Limited, Vizag S/ship	36000	1	Rs.18000/- each for 2015-16 batch students (for two years)
31	Samsung India Pvt. Ltd.	Samsung Star Scholarship	400000	2	2016-17 batch students (directly paid student's a/c)
32	NHFDC- Scholarship for <u>Physically Handicapped</u> students	National Handicapped Finance & Dev. Corporation (Min. SJ&E,GOI) Red Cross Bhawan Faridabad	171000	2	2011-12 & 2012-13 batch students (paid directly student's a/c)
		TOTAL:	103115976	1194	

5.0 THE BOG, FC & OTHER COMMITTEES

5.1 BOARD OF GOVERNORS:

The Board of Governors present incumbents are:

Sr. No.	Name & address	Designation
1	Shri Senapathy (Kris) Gopalakrishnan Ex-Executive Vice-Chairman (Infosys) R/o 855, 13th Main, 3rd Block, Koramangala Bangalore-560 034 (Karnataka).	Chairperson
2	Joint Secretary (Tech) Government of India, Ministry of HRD Department of Secondary & Higher Education Shastri Bhawan, New Delhi—110 015	Member
3	Principal Secretary (TE) To the Government of H.P. Shimla—171 002 (H.P.)	Member
4	Financial Adviser (HRD) Government of India, Ministry of HRD Department of Secondary & Higher Education, Shastri Bhawan, New Delhi—110 015	Member
5	Director (Technical Education) Industrial and Vocational Training Sundernagar, District Mandi, (HP)-174 401	Member
6	Prof. D.K.Bandyopadhyay Former Vice Chancellor Guru Govind Singh Indraprastha University Sector-16-C Dwarka, Delhi-110 079	Member
7	Prof. Indu Mehrotra Professor, Civil Engineering Department Indian Institute of Technology (IIT) Roorkee-247 667	Member
8	Director Indian Institute of Technology Mandi 2 nd Floor, PWD Rest House Near Bust Stand, Mandi-175001	Member
9	Dr. Ravi Kumar Sharma Professor Civil Engineering Department NIT, Hamirpur (HP)	Member
10	Dr. Pamita Awasthi Associate Professor Chemical Engineering Department NIT Hamirpur (HP)	Member
11	Director NIT, Hamirpur (HP)	Ex-officio Member
12	Registrar NIT, Hamirpur (H.P.)	Secretary

5.2 FINANCE COMMITTEE

The Finance Committee present incumbents are:

Sr. No.	Name & address	Designation
1	Shri Senapathy (Kris) Gopalakrishnan Ex-Executive Vice-Chairman (Infosys) R/o 855, 13th Main, 3rd Block, Koramangala Bangalore-560 034 (Karnataka).	Chairman
2	Joint Secretary (Tech) Government of India Ministry of HRD, Department of Secondary & Higher Education, Shastri Bhawan, New Delhi—110 001	Member
3	Principal Secretary (TE) To the Government of H.P., Shimla —171 002 (H.P.)	Member
4	Financial Adviser (HRD) Government of India, Ministry of HRD Department of Secondary & Higher Education, Shastri Bhawan , New Delhi—110 001	Member
5	Director (Technical Education) Industrial and Vocational Training Sundernagar, District Mandi, (HP)-174 401	Member
6	Prof. D.K.Bandyopadhyay Former Vice Chancellor Guru Govind Singh Indraprastha University Sector-16-C Dwarka, Delhi-110 079	Member
7	Prof. Indu Mehrotra Professor Civil Engineering Department Indian Institute of Technology (IIT) Roorkee-247 667	Member
8	Director Indian Institute of Technology Mandi 2 nd Floor, PWD Rest House, Near Bust Stand, Mandi-175001	Member
9	Dr. Ravi Kumar Sharma Professor Civil Engineering Department NIT, Hamirpur (HP)	Member
10	Dr. Pamita Awasthi Associate Professor Chemical Engineering Department	Member
11	Prof. Ajay K. Sharma Director NIT, Hamirpur (HP)	Member
12	Registrar NIT, Hamirpur (H.P.)	Member Secretary

5.3 BUILDING & WORKS COMMITTEE

The Buildings & Works Committee present incumbents are:

Sr. No.	Name & address	Designation
1	Director NIT, Hamirpur (H.P.)	Chairman
2	Director (T) Government of IndiaMinistry of HRD, Department of Higher Education New Delhi—110 001	Member
3	Superintending Engineer (Electrical) Chandigarh Central Electrical Circle CPWD, Sector-9A, Chandigarh-160 009	Member
4	Dr. A.K. Tripathi Director Ministry of New & Renewable Energy Sources B-14, CGO Complex, Lodhi Road New Delhi—110 003	Member
5	Superintending Engineer 8 th Circle, HP PWD, Hamirpur (H.P.)	Member
6	Director (IFD) Ministry of HRD, Government of India Department of Higher Education Shastri Bhawan, New Delhi	Member
7	Dean (P&D) National Institute of Technology Hamirpur (H.P.)	Member
8	Superintending Engineer PWD (Electrical Wing) Dharamshala (HP)	Member
9	Director Department of Technical Education Vocational and Industrial Training Sundernagar, Distt. Mandi (HP)	Member
10	Superintending Engineer (Civil) CPWD Kennedy Cottage Shimla-4	Member
11	Registrar NIT, Hamirpur (H.P.)	Member Secretary

5.4 THE SENATE

a)	The Director, ex-officio	Chairman
b)	The Dy. Director, ex-officio	Member-(vacant)
c)	Professors appointed or recognized as such by the Institute for imparting instructions in the Institute.	
1.	Prof. (Ms.) Geetam Tiwari, Department of Civil Engineering, Indian Institute of Technology, Hauz Kha, New Delhi-110016.	External Member
2.	Prof. Abhishek Nirjar, B-10, Qutab Institutional Area, New Delhi-110016	External Member
3.	Prof. Suneel Kumar Shrivastava , Professor, Department of Chemistry, Indian Institute of Technology, Kharagpur-721302.	External Member
4.	Prof. O.N. Mohanty, Plot 200 Unit3, Kharavela Nagar, Bhubaneswar-751001.	External Member
5.	Prof. P.K. Chande, B-36 HIG Colony, A.B. Road, Indore-452008.	External Member
6.	Prof. Anil Kumar Dixit, Prof. & Head, CEEE, IIT, Bombay Powai, Mumbai-400076	External Member
7.	Dr. Virender Kumar Sarda Prof. CED, NIT, Hamirpur(HP)	Member
8.	Dr. Y.R. Sood, Prof. EED, NIT, Hamirpur (HP).	Member
9.	Dr. A. S. Singha, Prof. in Chemistry NIT, Hamirpur (HP).	Member
10.	Dr. Sunand Kumar, Prof. MED, NIT, Hamirpur (HP).	Member
11.	Dr. R.K. Sharma, Prof. CED, NIT, Hamirpur (HP).	Member

12.	Dr. Anoop Kumar, Prof. in MED, NIT, Hamirpur (HP).	Member
13.	Dr. Vinod Kapoor, Prof. E&CED, NIT, Hamirpur.	Member
14.	Dr. Sushil Chauhan, Prof. EED, NIT, Hamirpur.	Member
15.	Dr. Minakshi Jain, Prof. in Architecture, NIT, Hamirpur (HP).	Member
16.	Dr. N.S. Thakur, Prof. Energy & Environment Engg., NIT, Hamirpur.	Member
17.	Dr. S.S. Chandel, Prof. Energy & Environment Engg., NIT, Hamirpur (HP).	Member
18.	Dr. R.N. Sharma, Prof. EED, NIT, Hamirpur (HP).	Member
19.	Dr. Raman Parti, Prof. CED, NIT, Hamirpur (HP).	Member
20.	Dr. Piar Chand, Prof. Humanities & Social Science, NIT, Hamirpur (HP).	Member
21.	Dr. Y. D. Sharma, Prof. in Mathematics. NIT, Hamirpur.	Member
22.	Prof. Sunil, Deptt. of Mathematics, NIT, Hamirpur H.P.	Member
23.	Dr. R.K.Dutta, Prof., CED, NIT, Hamirpur(HP).	Member

24.	Dr. Ashwani Chandel Prof. EED NIT Hamirpur	Member
25.	Dr. Bhanu Marwaha, Prof. Architecture Deptt., NIT, Hamirpur(HP).	Member
26.	Dr. Rajeevan Chandel, Prof. E&CED. NIT Hamirpur	Member
27.	Dr. Ravinder Nath Sharma, Chairman, SPGC NIT,Hamirpur	Special Invitee
28.	Dr. Ashwani Kumar Chairman, SUGC NIT Hamirpur	Special Invitee
29.	Sh. Desh Raj Rana Head, E&CED NIT, Hamirpur H.P.	Special Invitee
30.	Dr. I.P. Singh Head, Arch. Deptt., NIT Hamirpur H.P.	Special Invitee
31.	Dr. S.S. Katoch, Head, CEEE NIT, Hamirpur (HP).	Special Invitee
32.	Dr. Pardeep Kumar Head, CED, NIT,Hamirpur.	Special Invitee
33.	Dr. Narottam Chand Head, CSED, NIT, Hamirpur(HP).	Special Invitee
34.	Dr. Kuldeep Kumar Sharma Head, Physics Deptt. NIT, Hamirpur(HP).	Special Invitee
35.	Dr. Pamita Awasthi Head, Chemistry Deptt., NIT Hamirpur	Special Invitee

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| 36. | Dr. Rajiv Kumar Sharma
Head, MED,
NIT Hamirpur | Special Invitee |
| 37. | Dr. Somesh Sharma
Head, DOMS,
NIT Hamirpur | Special Invitee |
| 38. | Dr. Vishal Singh
Head, CMSE
NIT Hamirpur | Special Invitee |
| 39. | Registrar
NIT Hamirpur H.P. | Member Secretary |

6.0 CENTRAL FACILITIES SERVICES:

6.1 COMPUTER SERVICE CENTRE:

1). COMPUTER CENTRE

Computer Centre at National Institute of Technology, Hamirpur (HP) has been setup with the objective of providing state-of-the-art computational and communication facilities for the students, faculty and staff to carry out academic and research activities. Computer Centre is a central facility, which caters to the needs of different academic departments, centres and various sections of the Institute. Additionally, it also provides design and implementation services for computer network and automation of Institute. The mission of Computer Centre is to design, implement, perceive and fine tune the future computing and communication requirement of the Institute. Computer Centre at NIT Hamirpur aspires to be a leading computational/communication facility in higher education. Apart from this, Computer Centre is actively involved in extending consultancy services to outside organizations to rollout their hardware, software and networking infrastructure in best possible manner.

Objectives:

Computer Centre at NIT Hamirpur has been established with following objectives:

- To provide a central computing/communication facility with network infrastructure for all the students, faculty members and staff of the Institute.
- To collect/analyze the computing requirements of the departments and design, procure, deploy and maintain the solutions.
- To assist students, faculty and research scholars of all departments in the Institute in computerizing their activities.
- To conduct short terms courses for the students and staff of the Institute.
- To design, maintain and administer campus-wide network including Internet and allied services.
- To design and implement office automation modules in-house as per the Institute requirement.
- To provide communication service throughout the campus.
- To provide consultancy in ICT related areas.

2). Computer centre manages various computing and communication facilities throughout the campus. It provides Internet access, Web, Email, FTP and other computing services 24x7x365. The Institute has campus wide network of more than 3000 voice & Data nodes over the fibre backbone with above 100 active devices, Wi-Fi, Voice over IP (VoIP) and Video-Conferencing. A fleet of servers from SUN, IBM, HP, Dell, etc. have been deployed to provide the services like Web, Email, DNS, proxy, DHCP, etc in the campus. The Institute has got 1Gbps connectivity under National Knowledge Network (NKN), MHRD, Govt. of India. Students, Faculty and staff are provided with Internet facility in academic, administrative and residential area. We have high end facilities like cluster computing environment having 14 heterogeneous chassis based blades with different operating systems equipped with 6TB SAN and 24TB NAS storage capacity. Internet connectivity of 1 Gbps from NKN has been provided to the Institute by MHRD, Govt. of India under NKN (National Knowledge Network). An additional Internet connectivity of 155 Mbps has been leased from M/S. Vodafone. For external telephone connectivity E1 PRI of 30 Channels has been subscribed from BSNL.

3). Technical Officers/Officials

Head	:	Dr. T.P. Sharma
Scientific Officer	:	Sh. Anil Kumar
Scientific Officer	:	Sh. Jagdish Verma
Scientific Officer	:	Sh. Ashwani Kumar Sharma
Hardware Engineer (SG-II)	:	Sh. Ravi Singh
Sr. Technician	:	Sh. Rakesh Sharma

- 4). The detail of the assets/equipment purchased for the Computer Centre during the financial year 2016-17 in English and Hindi version is as below:-

Sr. No.	Name of Asset/Equipment	Quantity
1	Redesign/Re-development work of NIT Hamirpur Institute Website.	01 No.
2	Web Based Digital Learning Studio.	01 No.
3	Toner Cartridge(Black 43x) for Printer HP Laserjet 9040dn.	02 Nos.
4	Toner Cartridges 645A (Black, Cyan, Magenta & Yellow) for Printer HP Colour Laserjet 5550 dn.	04 Nos. (01 No. each)

5). Detail of the Laboratories

Sr. No.	Name of the Laboratories
1.	Internet Laboratory
2.	Research Laboratory
3.	Programming Laboratory
4.	Language Laboratory

6.2 WORKSHOP**Staff:**

Dr. P.K. Sood
Ph. D
Workshop Superintendent

6.3 LIBRARY:

- A. No. of books available upto 31/03/2017 : 90221
- B. No. of books added during the year : 5425
- C. Expenditure on purchase of books during the year : 34,48,295/-
- D. E-resources subscribed by Institute:
1. BIS Code for Civil Engineering
 2. DELNET
 3. IEEE Xplore Digital Library
 4. Science Direct
 5. Springer Link
- E. e-resources subscribed through e- SodhSindhu:
1. ACM Digital Library
 2. ASCE Library
 3. ASME Digital Collection
 4. ASTM International
 5. Economic and Political Weekly
 6. Emerald
 7. ISID (Institute for Studies in Industrial Development)
 8. J-Gate
 9. JSTOR
 10. Nature
 11. Oxford University Press
 12. Web of Science
- F. No. of Print Magazine : 18
- G. Any other facilities added
1. RFID based Library Management System for self check-in, check-out, renewal etc.
 2. Nimbus e Mobile App to provide the facility of Off-Campus Access of e-Resources on their mobiles.
 3. Institutional Repository for archiving research output.
 4. SMS based notification service.
 5. Wi-Fi services to access e-resources.

6.4 HOSPITAL:**1) Background:**

The medical facilities are available from 9:00 AM to 8:00 PM daily for students and staff. A doctor on emergency duty is available 24 hours round a clock. Ambulance is available on a telephone call. The doctors available in Health Centre are:-

- I. Dr. Mani Verma
- II. Dr. Wattan Singh
- III. Dr. J.R. Rattan
- IV. Dr. H.K. Attri
- V. Dr. K.C. Chopra
- VI. Dr. Swatantra Sharma

- 2) The working hours of the dispensary are as follow:-
- | | | |
|------------------|---|---|
| Monday to Friday | - | 9:00 AM to 8:00 PM |
| Saturday | - | 9:00 AM to 8:00 PM |
| Sunday | - | 9:00 AM to 12:00 noon
2:30 PM to 5:30 PM
6:30 PM to 8:00 PM |
- 3) Total patients treated annually - 17482
- 4) No. of outdoor attendance - 17482
- 5) No. of day care patients - 35 (Approx.)
- 6) No. of referral cases - 367 (Approx.)

(New Chemist shop has been set up in our Health Centre to facilitate students and staff.)

6.5 POST OFFICE, BANK, SHOPPING CENTRE & OTHER FACILITIES:

To facilitate all financial transactions, a fully computerized branch of State Bank of India functions in the Institute premises. Similarly, for the convenience of the students, a Post Office is operating in the campus. It provides saving bank facility and has provision of money orders, postal orders and postage stamps etc.

6.6 PHYSICAL FACILITIES & GAMES AND SPORTS FACILITIES:



Background:

National Institute of Technology Hamirpur is one of the premier technical institute in Northern India. The Institute presently provides sports facilities for both indoor and outdoor activities. A standard size stadium with the provision of pavilion has been provided to the students where the games like Cricket, Football, Hockey, Basket Ball Lawn Tennis and Athletics are played. The facilities of separate Basket ball and lawn tennis court with the provision of flood lights also have been provided to our students. We have got the provision of indoor hall for Badminton and other indoor games and gymnasium facilities with latest physical fitness machines for both boys and girls separately. The facilities of Billiards and pool table for our students and staff have also been provided.

Inter Branches and Inter Year Tournament

At institute level sports departmental organized inter branch tournament in the odd semester and in the even semester there is inter year tournament for both Boys and Girl every year. All student take part in these tournament with great sprit.

During the season 2016-17 two day 30th Annual Athletics meet was organized from March 31st -1st April-2017. In this meet the following events were organized such as shot put, discuss throw and javelin throw for Boys and Girls. For the session 2016-17 Mr. Abhishek among Boys and Ms. Vetta Chaudhary among the girl declared as Best Athlete.

A:-Boys

Sr. No	Game	Date & Year	Name of Tournament	Venue	Position
1	Volleyball	1-3 Oct.-2016	ITUSA	NIT, Kurukshetra	3 rd
2	Basketball	1-3 Oct.-2016	ITUSA	NIT, Kurukshetra	-
3	Football	1-3 Oct.-2016	ITUSA	NIT, Kurukshetra	-
4	Cricket	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	-
5	T.T.	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	-
6	Basket Ball	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	-
7	Football	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	-
8	Volleyball	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	-
9	Badminton	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	-
10	Athletic	6-8 Mar. 2017	All India Inter NIT	NIT, Kurukshetra	Silver in Long Jump
11	Cricket	13-15 Apr. 2017	ITUSA	Thapar Patiala	-
12	Table Tennis	13-15 Apr. 2017	ITUSA	Thapar Patiala	2 nd

A:-Boys

Sr. No.	Game	Date & Year	Name of Tournament	Venue	Position
1	Volleyball	1-3 Oct.-2016	ITUSA	NIT, Kurukshetra	2 nd

2	Basketball	1-3 Oct.-2016	ITUSA	NIT, Kurukshetra	-
3	T.T.	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	2 nd
4	Volleyball	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	2 nd
5	Badminton	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	2 nd
6	Basket ball	17-19 Feb. 2017	MST-17 Sports fest	MNIT Jaipur	3 rd
7	Athletic	6-8 Mar. 2017	All India Inter NIT	NIT, Kurukshetra	-

The institute maintains excellent fitness facilities and playground with the following provisions:-

1	Athletics Track and Field	200m track(grass)	1 No.	There is one ground for all these 04 games
2	Football ground	Without floodlight	1 No.	
3	Cricket ground	Without floodlight	1 No.	
4	Hockey ground	Without floodlight	1 No.	
5	Volleyball court	With flood light	2 No.	
6	Basketball court	With flood light	1 No.	
7	Lawn Tennis court	With floodlight	3 No.	Synthetic
8	Kabaddi Court	--	--	--
9	Badminton court	With floodlight	1 No.	
10	Gymnasium	Well-equipped Gymnasium are available inside Hostels		
11	Indoor games facilities are available inside hostel compounds. (Table tennis, Carom, Chess, outdoor badminton court, etc.) There is an attractive stadium with the provision of pavilion for 1500 spectators			
12	Open Air Theater			

6.7 OTHER FACILITIES LIKE HOSTELS, MESSES, STAFF QUARTERS, ADMINISTRATION & TELEPHONE EXCHANGE:

The Hostel Management Council comprising of Hostel/Mess Attendant, Mess Manager, Assistant Warden, Warden and student's representatives headed by Chief Warden of hostels decide the Management of hostel facilities. Major issues are decided by Director. The existing Hostel Management Council members are as under:-

Chief Warden and Warden/Assistant Warden of Hostels

Sr. No.	Name of Warden	Designation (CW/AW and GS)	Name of Hostel
1.	Dr. R.S. Banshtu	Chief warden (Hostels)	All Hostels
2.	Dr. R.K.Jamalta	Warden	Mani Mahesh Boys Hostel
3.	Dr. Suket Kumar	Assistant Warden	
4.	Dr.O.P.Rahi	Warden	Dhouladhar Boys Hostel
5.	Dr. Rohit Dhiman	Assistant Warden	
6.	Dr. Siddhartha Chauhan	Warden	Satpura Hostel
7.	Dr. Radhe Shyam	Assistant Warden	
8.	Dr. Rajesh Kumar	Warden	Kailash Boys Hostel
9.	Dr. Kalyan Sunder Ghosh	Assistant Warden	
10.	Dr. Vikram Verma	Assistant Warden	
11.	Dr. Sunil Sharma	Warden	Vindhyachal Boys Hostel
12.	Dr. Chandrasekharn S	Asstt. Warden	
13.	Er. Vinod Sharma	Warden	Neelkanth Boys Hostel
14.	Dr. T. Ganesh	Assistant Warden	
15.	Dr. Rajesh kumar Sharma	Assistant Warden	
16.	Er. Chander Prakash	Warden	Himadri Hostel
17.	Ar. Puneet Sharma	Assistant Warden	
18.	Dr. Vivek Tiwari	Assistant Warden	
19.	Dr. Pamita Awasthi	Warden	Parvati Girls Hostel
20.	Dr. Madhu Kumari	Assistant Warden	
21.	Dr. Gargi Khanna	Warden	Ambika Girls Hostel
22.	Ar. Venu Shree	Assistant Warden	
23.	Er. Pardeep Singh	Warden	Himgiri Hostel
24.	Dr. K. Nallasivam	Assistant Warden	
25.	Er. Anil Kumar	Assistant Warden	
26.	Dr. Mamta Awasthi	Warden	Aravali Girls Hostel
27.	Ar. Neetu Kapoor	Assistant Warden	

There are seven Boys Hostels and two Girls Hostels available in the institute. The statics of boarders of each hostel are as under:-

Name of the Hostel	Type (Single/ Double/ 03 Seated/ 04 seated/ 06 seated)	Capacity
Kailash Boys Hostel	03 seated	612
Vindhyachal Boys Hostel	Single seated	170
Satpura Hostel	Triplet	325
Mani Mahesh Boys Hostel	Single seated	167
Dhouladhar Boys Hostel	Single seated- 91 03 seated- 24	163
Neelkanth Boys Hostel	Double seated-03 03 seated- 145	441
Himadri Hostel	Triplet	597
Parvati Girls Hostel	Single seated-54 03 seated-36	162
Ambika Girls Hostel	Doublet- 25 03 Seated- 26 04 Seated- 16 05 Seated- 25	267

Hostel Management Policy:-

- National Institute of Technology, Hamirpur is a fully residential institute. All the students admitted in the institute should reside in hostels. However, with special permission of higher authority, students may be permitted to stay outside.
- Each hostel is having one Warden, at least one Asstt. Warden, Mess Manager and Hostel/ Mess Attendant who will look after the day to day affairs of the boarders.
- The top most hostel authority next to Director is Chief Warden (H) who coordinates these activities and is authorized for all financial transaction.
- There is a separate Bank Account of each hostel in the name of the Warden of concerned hostel and one is in the name of Chief Warden (H). Students will deposit their dues at concerned Hostel Warden Account and later on Hostel Establishment Fund, Ambulance Fund and Mess Security is transferred to the Chief Warden (H).
- The mess account bills contain only the mess advance to start with, which will be topped at the end of each semester.
- At the end of every semester there is complete reconciliation.
- Hostel Establishment Fund, Common Room Fund, Ambulance Fund is collected from the students once in a year and which will be transferred to the Chief Warden Office except Common Room Fund. The Common Room Fund is used by the Warden for the welfare of the concerned Hostel.
- The Head Cook, Cook and Mess Workers are employed by the Chief Warden (H) for all the hostels and their monthly salary is included in the monthly mess bill of the boarders of concerned hostel.

- The salary of Mess Staff is paid by the Warden of concerned hostel through their Bank Account opened in the SBI NIT Hamirpur branch.
- All expenses like electricity bill, water charges etc. are divided among all the boarders equally.
- For PG and Research Students mess bill is charged for all 12 months unless they are specially permitted by the authority to stay outside for a specific period.
- No mess rebate is allowed to any boarder unless specially permitted by the Warden for specific reason, as per Hostel Rules.
- No mess bill will be charged to the UG students during vacation unless they are specially permitted to stay during vacation, but salary charges of mess workers, electricity bill, water charges stationery charges will be payable for the 12 months.
- For UG, PG and Ph. D regular students including 1st year, the Establishment charges, ambulance charges and common room charges are collected from July 1st once in a year.
- Each hostel maintains its Bank Account and all the bills of grocery, ration, milk, gas, vegetables, Liveries disbursement of wages (including festival allowance) to mess workers as well as electricity/ water charges fully paid by the Warden of concerned hostel.
- The accounts of all the hostels are duly audited by an external agency at least twice in a year.

The Hostel of Residence:-

The institute is essentially residential institute and provides hostel accommodation for students. Separate hostel accommodation is available for girl students. It is mandatory for all the students to stay in the hostel. However, a student may be permitted on application in prescribed form during beginning of each semester to live with his/ her parents or local guardian at Hamirpur (HP). Students permitted to stay outside hostel are exempted from payment of mess charges, electricity charges and water charges under Hostel Fee. The name, full address, office and residence and telephone number, designation and willingness of local guardian have to be furnished at the time of admission. The room allotment of the hostel is done on the basis of merit through software.

PLINTH AREA OF NIT BUILDING

Sr. No.	Description	Number	Plinth area (approx. in sq. Ft. after renovation.	Total area sq. Ft.	Equivalent area in Sq. MT.
	OTRS				
1	Type-I	20	345.36	6907.92	642.00
2	Type-II	82	688.51	56457.72	5247.00
3	Type-III	54	907.82	49022.56	4556.00
4	Type-IV	48	1341.41	34387.68	5984.00
5	Type-V	16	1985.22	31763.52	2952.00
6	Duplex Type-VI	4	269.22	1076.88	100.00

7	Director Residence	1	3281.80	3281.80	305.00
8	Garbage	97	134.50	13046.50	1213.00
9	Faculty residence under construction	48	1827.85	87736.80	8154.00
10	Non-teaching residence under construction	16	1827.85	29245.60	2718.00
B	Hostel wise Area	1	221818.52	221818.52	197195.00
C	Academic Area	1	856313.08	856313.08	79583.00
				Total	308649.00
		Gross plinth area=Qtrsarea+Hostelarea +Academic area			
		Total=308649.00 Sq.m 76.26Acre			
		Total developed area= Plinth area+garden + Road etc.			
		Total 100.84 Acre =408085.00 Sq.m			



COMPUTER SCIENCE & ENGINEERING DEPARTMENT



Annual Accounts 2016-17

AUDIT CERTIFICATE

Separate Audit Report of the Comptroller & Auditor General of India on the accounts of the National Institute of Technology, Hamirpur for the year ended 31 March 2017

1. We have audited the Balance Sheet of the **National Institute of Technology, Hamirpur** as at 31 March 2017, Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with section 22 of the National Institutes of Technology Act, 2007. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/ CAG's Audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. Based on our audit, we report that:
 - i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
 - ii) The Balance Sheet and Income and Expenditure Account/Receipt and Payment Account dealt with by this Report have been drawn up in the format prescribed by the Ministry of Human Resources Development, Government of India vide order No. 29-4/2012-FD dated 17 April 2015.
 - iii) In our opinion, proper books of accounts and other relevant records have been maintained by the **National Institute of Technology, Hamirpur** in so far as it appears from our examination of such books.
 - iv) We further report that:

A. Balance Sheet

A.1 Current Liabilities and Provisions (Schedule 3)**A.1.1 Receipts against Sponsored Projects (Sl. No. 6(b)):Rs. 3.24 crore****Receipts against Sponsored Fellowship and Scholarship (Sl. No. 6(c)): Rs.0.41 crore**

- a) The Institute had earned interest on saving account as well as on FDRs (Schedule 11 & 12) to the tune of Rs.2.93 crore which included interest earned on the investments of Sponsored Projects & Fellowship Funds which were not transferred to the Sponsored Projects & Fellowship Funds (Schedule 3). This has resulted in understatement of Sponsored Projects & Fellowship Funds (interest income) and overstatement of interest on investment as well as understatement of deficit for the year by the amount of interest not transferred.
- b) As per format of accounts for Central Educational Institutions the receipts against sponsored projects, sponsored fellowships & scholarships and other funds should be shown by way of sub schedule 3(a) & 3(b) to the schedule-3. The Institute has not prepared these sub schedules.

A.1.2 Unutilised Grants (Sl. No. 6(d)): Rs.0.00

- a) As per Format of Accounts for Central Educational Institutions, unutilised grants are to be shown as current liability in the Balance Sheet. The above has been shown as Nil whereas the Institute had an unutilised grant of Rs.64.43 lakh as on 31 March 2017. This has resulted in overstatement of Corpus /Capital Fund and understatement of Current Liabilities by Rs.64.43 lakh.
- b) The Institute has not prepared Schedule 3(c) “Unutilised Grants from UGC, Government of India and State Governments” in the Format of Accounts for Central Higher Educational Institutions prescribed by the MHRD.

A.1.3 Interest on project grants payable 6(j): Rs.99.36 lakh

The Institute has shown liability of Rs.99.36 lakh on account of interest on project grants payable in respect of the closed projects since 1986 to 2009-10. As considerable time has elapsed since closure of these projects, this amount needs to be adjusted either by recognizing as income or by refunding to the concerned agencies.

A.2 Fixed Assets (Schedule 4)**Addition to Buildings during the year: Rs.26.70 crore**

Above includes two buildings amounting to Rs.16.57 crore which were not completed and handed over by the executing agencies during the year 2016-17. Hence, these should have been booked under capital work-in-progress. Capitalizing the work in progress has resulted in understatement of work in progress by Rs.16.57, overstatement of Buildings by Rs.16.24 crore (Rs.16.57 crore less depreciation Rs.0.33 crore) and overstatement of deficit for the year and understatement of Capital Fund by Rs.0.33 crore.

A. Income & Expenditure Account

Repair and Maintenance Account (Schedule 19): Rs.5.55 crore

Above wrongly includes expenditure of Rs.12.80 lakh on account of maintenance of Vehicles which should have been included in Transportation expenses. This has resulted into understatement of Transportation expenses as well as overstatement of Repair and Maintenance Account (Buildings) by Rs.12.80 lakh.

Similarly, expenses incurred on repair and maintenance of Furniture & Fixture, Plant & Machinery and Office Equipment were not properly segregated and were included under Repair and Maintenance Account (Buildings) in contravention to the prescribed format.

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

Net impact of Audit comments on the Annual Accounts of National Institute of Technology, Hamirpur for the year ending 31 March 2017 is as under:

- i Assets understated by Rs.33.14 lakh.
- ii Liabilities understated by Rs.64.43 lakh.
- iii Capital Fund overstated by Rs.31.29 lakh.
- iv Deficit for the year overstated by Rs.33.14 lakh.

C.2. Provisions for retirement benefits

The Format of Accounts for Central Higher Educational Institutions and AS-15 of ICAI provide that provision for retirement benefits is to be made on Actuarial Valuation Method. Though the Institute has made provision for pension amounting to Rs.18.68 lakh in the accounts for the year 2016-17, the same has not been made on Actuarial valuation basis. Besides, no provision has been made for Gratuity and Leave Encashment.

C.3 Accounts have not been page-numbered.**D. Grants-in-aid**

Out of total available funds of Rs. 67.16 crore (Plan: Rs.32.11 crore, Non Plan: Rs.35.05 crore) including previous year balance of Rs.7.76 crore (Plan: Rs.7.11 crore, Non Plan: Rs.0.65 crore), grant received during the year Rs.58.30 crore (Plan: Rs.25.00 crore, Non Plan: Rs.33.30 crore) & interest on grant received Rs.1.10 crore, the Institute could utilize a sum of Rs.66.52 crore (Plan: Rs. 31.88 crore, Non Plan: Rs.34.64 crore) leaving an unspent balance of Rs.0.64 crore (Plan: Rs.0.23 crore, Non Plan: Rs.0.41 crore).

- v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet,

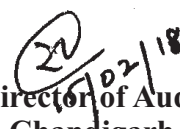
Income and Expenditure Account and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.

- vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:

Unspent balance of Rs.5.54 crore (Plan: Rs.7.11 crore, Non Plan: Rs.(-)1.57 crore) was taken in the previous SAR for the year 2015-16 which did not include interest on grant received during the year 2015-16 of Rs.2.22 crore, deficit of Rs.(-) 1.57 crore was met from the interest of Rs.2.22 crore received, leaving unspent Non Plan balance of Rs.0.65 crore). Hence, unspent balance of Rs.7.76 crore (Plan: Rs.7.11 crore, Non Plan: Rs.0.65 crore) of previous year has now been taken correctly which tallies with utilization certificate also.

- a. In so far as it relates to the Balance Sheet, of the state of affairs of the **National Institute of Technology, Hamirpur** as at 31st March 2017; and
- b. In so far as it relates to Income & Expenditure Account, of the deficit for the year ended on that date.

For and on behalf of the C & AG of India.


**Principal Director of Audit (Central),
Chandigarh**

Place: Chandigarh

Date:

Annexure to Audit Report

1. Adequacy of Internal Audit System.

The system of pre-audit of payments is in existence in the Institute. Internal Audit for the year 2016-17 has been conducted by the Chartered Accountant but their report is awaited.

2. Adequacy on Internal Control System

Internal control system is considered inadequate in view of the following:

- i) The Institute has not prepared its Accounting Manual.
- ii) As prescribed in the Statute/Manual of the Institute, four meetings of Board of Governors, Finance Committee and Building & Works Committee are required to be held in a year. However, against required four number of meetings, only two meetings of Board of Governors, Finance Committee and Building & Works Committee were held during the financial year 2016-17.

3. Physical verification of Fixed Assets

Physical Verification of Fixed Assets for the year 2016-17 had been conducted.

4. Physical verification of Inventory

Physical Verification of Inventory for the year 2016-17 had been conducted.

5. Regularity in payment of Statutory Dues

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



Deputy Director

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
BALANCE SHEET AS AT 31st March, 2017

(Amount-----Rs.)			
	Schedule	Current Year	Previous Year
<u>SOURCES OF FUNDS</u>			
CORPUS/CAPITAL FUND	1	3,52,12,21,813.03	3,28,55,76,009.75
DESIGNATED/EARMARKED/ENDOWMENT FUNDS	2	2,19,48,598.08	1,91,55,244.08
CURRENT LIABILITIES AND PROVISIONS	3	52,54,23,016.40	38,79,14,491.09
TOTAL		4,06,85,93,427.51	3,69,26,45,744.92
<u>APPLICATION OF FUNDS</u>			
<u>FIXED ASSETS</u>	4		
Tangible Assets		2,40,64,07,712.67	2,24,27,67,380.58
Intangible Assets		0.00	0.00
Capital Works-In-Progress		36,21,21,634.00	34,35,57,291.00
INVESTMENT FROM EARMARKED/ENDOWMENT FUNDS	5		
Long Term			
Short Term			
INVESTMENT - OTHERS	6	0.00	0.00
CURRENT ASSETS	7	1,19,78,84,814.60	92,98,07,220.10
LOANS, ADVANCES & DEPOSITS	8	10,21,79,266.24	17,65,13,853.24
TOTAL		4,06,85,93,427.51	3,69,26,45,744.92

SIGNIFICANT ACCOUNTING POLICIES

23

CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

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DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P) .

REGISTRAR,
NIT, HAMIRPUR (H.P) .

DIRECTOR,
NIT, HAMIRPUR (H.P) .

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD/YEAR ENDED 31/03/2017

(Amount --Rs.)			
INCOME	Schedule	Current Year	Previous Year
ACADEMIC RECEIPTS	9	13,31,45,385.50	15,55,67,432.49
GRANT & SUBSIDIES	10	33,30,00,000.00	42,50,00,000.00
INCOME FROM INVESTMENTS	11	2,62,83,542.00	2,47,01,404.00
INTEREST EARNED	12	30,29,309.00	4,489,643.00
OTHER INCOME	13	1,46,72,408.20	1,70,80,728.00
PRIOR PERIOD INCOME	14		
TOTAL(A)		51,01,30,644.70	62,68,39,207.49
EXPENDITURE			
STAFF PAYMENT & BENEFITS (ESTABLISHMENT EXPENSES)	15	35,00,75,861.00	32,55,81,115.00
ACADEMIC EXPENSES	16	10,60,64,426.00	8,95,00,216.00
ADMINSTRATIVE AND GENERAL EXPENSES	17	3,72,08,967.00	4,17,07,033.00
TRANSPORTATION EXPENSES	18	8,73,788.00	17,50,067.00
REPAIR & MAINTENANCE	19	5,55,41,985.00	4,06,72,742.00
FINANCE COSTS	20	58.00	229.00
DEPRECIATION	4	10,86,61,704.91	9,47,78,059.53

OTHER EXPENSES				
PRIOR PERIOD EXPENSES				
Depreciation (Net Total at the year-end - corresponding to schedule 4)			0.00	0.00
			0.00	6,11,358.00
TOTAL (B)			65,84,26,789.91	59,46,00,819.53
Balance being excess of Income over Expenditure (A-B)			-14,82,96,145.21	3,22,38,387.96
Transfer to /from Designated Fund			-----	-----
Building Fund				
Others (specify)			-----	-----
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CAPITAL FUND			-14,82,96,145.21	3,22,38,387.96
SIGNIFICANT ACCOUNTING POLICIES CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS		23		
		24		

DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P).

REGISTRAR,
NIT, HAMIRPUR (H.P).

DIRECTOR,
NIT, HAMIRPUR (H.P).

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31/03/2017

(Amount--Rs.)		
	Current Year	
	Previous year	
SCHEDULE 1. CORPUS/ CAPITAL FUND :		
Balance as at the beginning of the year		3,08,06,25,630.79
Add : Contribution towards Corpus/Capital fund		
Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure	12,17,24,491.49	
Add: Assets Purchased out of Earmarked Funds	25,00,00,000.00	
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution	0.00	
	3,33,906.00	
Add: Assets Donated/Gifts Received	1,64,43,516.00	
Add: Other Additions (Interest on Corpus fund)	0.00	
Add: Excess of Income over expenditure transferred from the Income & Expenditure Account	1,59,48,475.00	
	3,22,38,387.96	
Total		20,49,50,378,96
(Deduct) Deficit transferred from the Income & expenditure Account	23,56,45,803.28	
	0.00	0.00
BALANCE AS AT THE YEAR -- END	3,52,12,21,813.03	3,28,55,76,009.75

DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P).

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31/03/2017

SCHEDULE 2 - DESIGNATED/ EARMARKED / ENDOWMENT FUNDS	Fund Wise Breakup				(Amount--Rs.)	
	Total					
	Pension Fund	Fund BBB	Fund CCC	Endowment Funds	Current Year	Previous Year
A.						
a) Opening balance	1,91,55,244.08				1,91,55,244.08	1,51,88,778.08
b) Additions during the year	15,26,880.00				15,26,880.00	10,27,632.00
c) Income from investments made of the funds					0.00	28,61,879.00
d) Accrued Interest on investments/Advances	11,97,522.00				11,97,522.00	0.00
e) Interest on Savings Bank a/c	68,952.00				68,952.00	76,955.00
f) Other additions (Specify nature	0.00				0.00	0.00
Total (A)	2,19,48,598.08				2,19,48,598.08	1,91,55,244.08
B.						
Utilisation/Expenditure towards objectives of funds	0.00				0.00	0.00
ii) Capital Expenditure	0.00				0.00	0.00
ii) Revenue Expenditure	0.00				0.00	0.00
Total (B)	0.00				0.00	0.00
Closing balance at the yearend (A - B)	2,19,48,598.08	0.00		0.00	2,19,48,598.08	1,91,55,244.08

Represented by
Cash And Bank Balances
Investments
Interest accrued but not due

Total									

SCHEDULE 2A

ENDOWMENT FUNDS

1.Sr. No.	2. Name of the Endowment	Opening Balance		Additions during the year			Total			Expenditure on the object during the year 9	Closing Balance		Total
		3. Endowment	4. Accumulated Interest	5. Endowment	6. Interest	7. Endowment (3+5)	8. Accumulated Interest (4+6)	10. Endowment	11. Accumulated interest				
Total													

DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P).

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31/03/2017

	Current Year	Previous Year	(Amount--Rs.)
<u>SCHEDULE 3-CURRENT LIABILITIES AND PROVISIONS</u>			
-			
A. CURRENT LIABILITIES			
1. Deposits from staff (TWS)	11,782.00	11,782.00	
2. Deposits from students			
College Caution Money	43,11,100.00	48,66,100.00	
Hostel Caution Money	41,14,861.50	46,19,861.50	
Library Security	76,43,175.00	86,72,675.00	
3. Sundry Creditors			
a) For Goods & Services	0.00	0.00	
b) Others	0.00	0.00	
4. Deposit-Others (including EMD, Security Deposit and other)	26,24,01,124.17	20,32,78,655.49	
5. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS):	17,036.00	37,804.00	
Total (A)		27,84,99,078.67	
B) Others			
6. Other Current Liabilities			
a)Salaries	2,51,55,675.00	2,46,71,434.00	
b)Receipts against sponsored projects	3,24,56,667.49	3,60,01,083.49	
c) Receipts against sponsored fellowships & scholarships	41,77,379.00	26,73,243.00	
d)Unutilized Grants	0.00	0.00	
e) Grants in advance	0.00	0.00	
f) Other funds	1,02,12,079.00	90,67,617.00	

g) Other liabilities	0.00		0.00
h) Fees received in advance	10,97,78,591.31		5,07,12,178.68
i) Outstanding Liability UNI	3,65,353.00		3,65,353.00
j) Interest on project Grant payable	99,36,001.83		98,87,409.83
k) Extra Curricular Activities	2,68,32,045.10		2,42,97,025.10
l) Medical Expenses	53,285.00		5,797.00
m) Legal Fees	33,900.00		16,000.00
n) Other Misc	600.00		4,498.00
o) Security Charges	24,68,244.00		0.00
p) Seminar Expense payable	0.00		0.00
q) Professional Development allowance	0.00		
r) LTC	0.00		51,399.00
s) Student Welfare expenses	0.00		649.00
t) Journal & Publication	0.00		1,27,094.00
u) Maintenance of Equipment	0.00		92,700.00
v) Maintenance of Building	1,23,27,983.00		18,104.00
w)Wages	25,917.00		14,177.00
			25,917.00
			0.00
x) Convocation	0.00		6,18,579.00
y) NDCPS	6,23,531.00		
		23,44,47,251.73	38,01,37,136.09
TOTAL (A)		51,29,46,330.40	38,01,37,136.09
B. PROVISIONS			
1. For Taxation	0.00		0.00
2. Gratuity	0.00		8,91,773.00
3. Superannuation Pension	18,68,232.00		28,76,788.00
4. Accumulated Leave Encashment	0.00		3,40,199.00
5. Trade Warranties/Claims	0.00		0.00

6. Others (Specify)				
Auditors remuneration payable	0.00			3,50,000.00
Consultancy charges payable	350,000.00			66,000.00
Telephone charges payable	90,000.00			6,994.00
Electricity charges payable	12,042.00			4,12,580.00
Entertainment Expenses	6,18,962.00			1,27,095.00
Cleaning and Maintenance	530.00			0.00
Water Charges	7,95,031.00			2,35,313.00
Stationery expenses	5,38,080.00			0.00
Departmental operating cost	14,020.00			0.00
Examination expenses	0.00			12,000.00
Scholarship	62,24,013.00			0.00
TA	7,610.00			26,958.00
Provision for contingency, other work & Equipment	13,08,166.00			17,81,655.00
Bonus	6,50,000.00			6,50,000.00
		1,24,76,686.00		77,77,355.00
TOTAL (B)		1,24,76,686.00		77,77,355.00
TOTAL (A+B)		52,54,23,016.40		38,79,14,491.09

DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P).

SCHEDULE - 3 (a) SPONSORED PROJECTS

1.Sr. No.	2. Name of the Project	Opening Balance		5. Receipts/recoveries during the year	6. Total	7. Expenditure during the year	Closing Balance	
		3. Credit	4. Debit				8. Credit	9. Debit
Total								

SCHEDULE 3 (b) SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

1.Sr. No.	2. Name of Sponsor	Opening Balance		Transaction during the year		Closing Balance	
		3. Credit	4. Debit	5. Credit	6. Debit	7. Credit	8. Debit
	University Grants Commission						
	Ministry.....						
	Others (Specify individually						
Total							

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

	Current Year	Previous Year
A. Plan grants: Government of India Balance B/F Add: Receipts during the year		
Total (a)		

Less Refunds			
Less: Utilized for Revenue Expenditure			
Less: Utilized for Capital expenditure			
	Total (b)		
Unutilized carried forward (a-b)			
B. UGC grants: Plan			
Balance B/F			
Add: Receipts during the year			
	Total (c)		
Less Refunds			
Less: Utilized for Revenue Expenditure			
Less: Utilized for Capital expenditure			
	Total (d)		
Unutilized carried forward (c-d)			
C. UGC Grants Non Plan			
Balance B/F			
Add: Receipts during the year			
	Total (e)		
Less Refunds			
Less: Utilized for Revenue Expenditure			
Less: Utilized for Capital expenditure			
	Total (f)		
Unutilized carried forward (e-f)			
D. Grants from State Govt.			
Balance B/F			
Add: Receipts during the year			
	Total (g)		

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10	Office Equipment	1,55,76,371.85	3,28,614.00	0.00	1,59,04,985.85	93,30,169.58	11,92,873.94	0.00	1,05,23,043.52	53,81,942.33	62,46,202.27
11	Audio Visual Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Computers & Peripherals	2,47,40,775.00	0.00	0.00	2,47,40,775.00	2,27,66,984.52	49,48,155.00	0.00	2,77,15,139.52	-29,74,364.52	19,73,790.48
13	Furniture, Fixtures & Fittings	10,79,85,572.04	0.00	0.00	10,79,85,572.04	4,07,14,808.63	1,61,97,835.81	0.00	5,69,12,644.44	5,10,72,927.60	6,72,70,763.41
14	Vehicles & Lib. Books & Scientific Journals	87,42,177.00	0.00	0.00	87,42,177.00	50,07,467.32	8,74,217.70	0.00	58,81,685.02	28,60,491.98	37,34,709.68
15	Small Value Assets	4,44,92,968.06	34,46,046.00	0.00	4,79,39,014.06	4,31,60,605.11	47,93,901.41	0.00	4,79,54,506.52	-15,492.46	13,32,362.95
16		76,083.00	0.00	0.00	76,083.00	76,083.00	0.00	0.00	76,083.00	0.00	0.00
	Total(A)	3,38,28,69,773.01	27,23,02,037.00	0.00	3,65,51,71,810.01	1,14,01,02,392.43	10,86,61,704.91	0.00	1,24,87,64,097.34	2,40,64,07,712.67	2,24,27,67,380.57
	Capital Work in Progress (B)	34,35,57,291.00	1,85,64,343.00	0.00	36,21,21,634.00					36,21,21,634.00	34,35,57,291.00
									TOTAL	2,76,85,29,346.67	2,58,63,24,671.57
S. No.	Intangible Assets	Opening Balance 01/04/2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions / Adjustment	Total Depreciation	31/03/2017	31/03/2016
-	Computer Software E-Journals Patent										
	TOTAL C										
	Grand Total (A+B+C)										

SCHEDULE 4A PLAN

S. No.	Assets Heads	GROSS BLOCK				DEPRECIATION FOR THE YEAR				NET BLOCK (WDV)	
		Opening Balance 01/04/2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the year	Deductions / Adjustment	Total Depreciation	31/03/2017	31/03/2016
1	Land	44,20,551.00	0.00	0.00	44,20,551.00	0.00	0.00	0.00	0.00	44,20,551.00	44,20,551.00
2	Site Development	6,73,15,653.30	0.00	0.00	6,73,15,653.30	5,53,14,289.01	0.00	0.00	5,53,14,289.01	1,20,01,364.29	1,20,01,364.28
3	Buildings	2,67,45,57,895.24	0.00	0.00	2,94,15,87,629.24	68,86,71,014.07	5,88,31,752.58	0.00	74,75,02,766.65	2,19,40,84,862.59	1,98,58,86,881.17
4	Roads & Bridges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Tube wells & Water Supply I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Sewerage & Drainage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Electrical Installation and equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Plant & Machinery Scientific & Laboratory Equipment	43,49,61,726.52	0.00	0.00	43,64,59,369.52	27,50,60,971.19	2,18,22,968.48	0.00	29,68,83,939.67	13,95,75,429.85	15,99,00,755.33
9	Office Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10		1,55,76,371.85	0.00	0.00	1,59,04,985.85	93,30,169.58	11,92,873.94	0.00	1,05,23,043.52	53,81,942.33	62,46,202.27
11	Audio Visual Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Computers & Peripherals	2,47,40,775.00	0.00	0.00	2,47,40,775.00	2,27,66,984.52	49,48,155.00	0.00	2,77,15,139.52	-29,74,364.52	19,73,790.48
13	Furniture, Fixtures & Fittings	10,79,85,572.04	0.00	0.00	10,79,85,572.04	4,07,14,808.63	1,61,97,835.81	0.00	5,69,12,644.44	5,10,72,927.60	6,72,70,763.41
14	Vehicles	87,42,177.00	0.00	0.00	87,42,177.00	50,07,467.32	8,74,217.70	0.00	58,81,685.02	28,60,491.98	37,34,709.68
15	Lib. Books & Scientific Journals	4,44,92,968.06	0.00	0.00	4,79,39,014.06	4,31,60,605.11	47,93,901.41	0.00	4,79,54,506.52	-15,492.46	13,32,362.95
16	Small Value Assets	76,083.00	0.00	0.00	76,083.00	76,083.00	0.00	0.00	76,083.00	0.00	0.00
	Total(A)	3,38,28,69,773.01	0.00	0.00	3,65,51,71,810.01	1,14,01,02,392.43	10,86,61,704.91	0.00	1,24,87,64,097.34	2,40,64,07,712.67	2,24,27,67,380.57
	Capital Work in Progress (B)	34,35,57,291.00	1,85,64,343.00	0.00	36,21,21,634.00					36,21,21,634.00	34,35,57,291.00
									TOTAL	2,76,85,29,346.67	2,58,63,24,671.57

S. No.	Intangible Assets	Opening Balance 01/04/2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions / Adjustment	Total Depreciation	31/03/2017	31/03/2016
-	Computer Software E-Journals Patent										
	TOTAL C										

	Grand Total (A+B+C)										
	Grand Total (A+B+C)										

SCHEDULE 4B NON · PLAN

S. No.	Assets Heads	GROSS BLOCK				DEPRECIATION FOR THE YEAR				NET BLOCK (WDV)	
		Opening Balance 01/04/2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the year	Deductions / Adjustment	Total Depreciation	31/03/2017	31/03/2016
	Land Site Development Buildings Roads & Bridges Tube wells & Water Supply I										

S. No.	Intangible Assets	Opening Balance 01/04/2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions / Adjustment	Total Depreciation	31/03/2017	31/03/2016
	Patent										
	TOTAL C										
	Grand Total (A+B+C)										

SCHEDULE 4 C -INTANGIBLE ASSETS

S. No.	Intangible Assets	Opening Balance 01/04/2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Amortization for the year	Deductions / Adjustment	Total Depreciation	31/03/2017	31/03/2016
-	Patents & Copyrights Computer Software E- Journals										
	TOTAL C										

SCHEDULE 4 C (I)-PATENTS AND COPYRIGHTS

Particulars	Opening Balance 01/04/2016	Additions	Gross	Amortization	Net Block 31/03/2017	Net Block 31/03/2016
A. Patents Granted						
1 Balance as on 31.03.14 of Patents obtained in 2008-09 (Original Value - Rs /-)						
2 Balance as on 31.03.14 of Patents obtained in 2010-11 (Original Value- Rs /-)						
3 Balance as on 31.03.14 of Patents obtained in 2012-13 (Original Value - Rs /-)						
4 Patents granted during the Current Year						
Total						
Particulars	Opening Balance 01/04/2016	Additions	Gross	Patents Granted/ rejected	Net Block 31/03/2017	Net Block 31/03/2016
B. Patents Pending in respect of Patents applied for						
1 Expenditure incurred during 2009-10 to 2011-12						
2 Expenditure incurred during 2012-13						
3 Expenditure incurred during 2013-14						
Total						
C. Grand Total (A+B)						

SCHEDULE 4D OTHERS

S. No.	Assets Heads	GROSS BLOCK				DEPRECIATION FOR THE YEAR			NET BLOCK (WDV)	
		Opening Balance 01/04/2016	Additions	Deductions	Closing Balance	Depreciation Opening Balance	Depreciation for the year	Deductions / Adjustment	Total Depreciation	31/03/2017 31/03/2016
	Land Site Development Buildings Roads & Bridges Tubewells & Water Supply I Sewerage & Drainage Electrical Installation and equipment Plant & Machinery Scientific & Laboratory Equipment Office Equipment Audio Visual Equipment Computers & Peripherals									

	Furniture, Fixtures & Fittings																		
	Vehicles																		
	Lib. Books & Scientific Journals																		
	Small Value Assets																		
	Total (A)																		
	Capital Work in Progress (B)																		
	Grand Total																		

Note: The additions during the Year include additions from:

Gifted
Earmarked Funds
Sponsored Projects
Own Funds
Total

DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P).

SCHEDULE 5 : INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS

	Current Year	Amount in Rupees	
		Previous Year	
1 In Central Government Securities 2 In State Government Securities 3 Other approved Securities 4 Shares 5 Debentures and Bonds 6 Term Deposits with Banks 7 Others (to be specified)			
Total			

SCHEDULE 5 (A) INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS (FUND WISE)

Sl. No.	Funds	Amount in Rupees	
		Current Year	Previous Year
	Endowment Fund Investments		
	Total		

SCHEDULE 6 -INVESTMENTS- OTHERS

	Amount in Rupees	
	Current Year	Previous Year
1. In Central Government Securities		
2. In State Government Securities		
3. Other approved Securities		
4. Shares		
5. Debentures and Bonds		
6. Others (to be specified)		
Total		

DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P).

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31/03/201 7

SCHEDULE 7 - CURRENT ASSETS		-	-	(Amount-Rs)	
				Current Year	Previous Year
1. Stock:					
a) Stores and Spares				34,02,051.00	65,89,590.00
b) loose Tools				0.00	0.00
c) Publications				0.00	0.00
d) laboratory chemicals, consumables and glass ware				0.00	0.00
e) Building Material				0.00	0.00
f) Electrical Material				0.00	0.00
g) Stationery				0.00	0.00
h) Water supply material				0.00	0.00
				34,02,051.00	65,89,590.00
2. Sundry Debtors:					
a) Debts Outstanding for a period exceeding six months				0.00	0.00
b) Others				0.00	0.00
3. Cash and Bank Balances					
a) With Scheduled Banks:					
Cash In Hand				7,33,591.05	2,73,463.05
Current Account/Grant in Transit				0.00	0.00
Fixed Deposit				99,47,66,272.00	82,93,92,245.00
Saving Account Main Account				19,88,29,310.61	9,35,33,732.11
Saving Account Secrecy Fund				1,53,589.94	18,189.94

b) With non-Scheduled Banks:	In term deposit Accounts	0.00		0.00	
	In Savings Accounts	0.00		0.00	
4. Post Office- Savings Accounts			1,19,44,82,763.60		92,32,17,630.10
TOTAL			1,19,78,84,814.60		92,98,07,220.10

DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P)

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31/03/2017

		(Amount-Rs)			
SCHEDULE 8- LOANS, ADVANCES & DEPOSITS		Current Year		Previous Year	
1. Advances to employees: (Non-interest bearing)	a) Salary	0.00		0.00	
	b) Festival	0.00		0.00	
	c) Medical Advance	0.00		0.00	
	d) Other (to be specified	0.00	0.00	0.00	0.00
2. Long Term Advances to employees: (Interest bearing)	a) Vehicle loan	0.00		0.00	
	b) Home loan	0.00		0.00	
	c) Others (to be specified)	41,77,379.00	41,77,379.00	23,74,343.00	23,74,343.00
3. Advances and other amounts recoverable in cash or in kind or for value to be received:					
	a) On Capital Account	7,03,05,962.24		16,07,67,578.24	
	b) to Suppliers	0.00		0.00	
	c) Others	0.00	7,03,05,962.24	0.00	16,07,67,578.24

4. Prepaid Expenses				
a) Insurance				
b) Other expenses				
5. Deposits				
a) Telephone '	0.00		0.00	
b) Lease Rent	0.00		0.00	
c) Electricity	0.00		0.00	
d) AI GTE, if applicable	0.00		0.00	
e) Others (to be specified)	0.00		0.00	0.00
6. Income Accrued:				
a) On Investments from Earmarked/ Endowment Funds	0.00		0.00	
b) On Investments-FDR	2,70,76,368.00		1,18,19,354.00	
c) On Loans and Advances	0.00		0.00	
d) Others (includes income due unrealized) Saving Bank	53,551.00		10,97,566.00	1,29,16,920.00
7. Other- Current assets receivable from UGC/sponsored projects				
a) Debit balances in Sponsored Projects	0.00		0.00	
b) Debit balances in Sponsored Fellowships & Scholarships	0.00		0.00	
c) Grants Receivable	0.00		0.00	
d) Other receivables from UGC	0.00		0.00	0.00
8. Claims Receivable				
Misc Income	0.00		7,313.00	
License Fees	2,40,916.00		1,03,139.00	
Garage Rent	3,390.00		3,060.00	
Interest on loan & Advances from Staff	19,200.00		34,200.00	
Income receivable from Forest Department	2,98,000.00		2,98,000.00	
Rent from Guest House	0.00		9,300.00	
Rent from Hostel	4,500.00			4,55,012.00
TOTAL			10,21,79,266.24	17,65,13,853.24

DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P.).

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)

SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD/YEAR ENDED 31/03/201 7

SCHEDULE 9- ACADEMIC RECEIPT		(Amount-Rs)	
		Current Year	Previous Year
FEES FROM STUDENTS			
Academic			
1. Tuition fee		12,88,82,085.50	14,80,22,096.49
2. Admission fee		3,54,000.00	4,47,500.00
3. Enrolment fee		0.00	0.00
4. Library Admission fee		2,79,100.00	2,95,411.00
5. Laboratory fee		0.00	0.00
6. Art & Craft fee		0.00	0.00
7. Registration fee		0.00	0.00
8. Syllabus fee		0.00	0.00
Total (A)		12,95,15,185.50	14,87,65,007.49
Examinations			
1. Admission test fee		0.00	0.00
2. Annual Examination fee		19,78,550.00	46,68,500.00
3. Mark sheet, certificate fee		73,600.00	90,775.00
4. Entrance examination fee		0.00	0.00
Total (B)		20,52,150.00	47,59,275.00
Other Fees			
1. Identity card fee		0.00	0.00
2. Fine/ Miscellaneous fee		0.00	0.00
3. Medical fee		6,26,150.00	8,40,075.00
4. Transportation fee		0.00	0.00
5. Hostel fee		0.00	0.00
6. Grade Card Fee		1,16,800.00	83,075.00
7. Common Facility Fee		8,35,100.00	11,20,000.00
Total(C)		15,78,050.00	20,43,150.00

Sale of Publications			
1. Sale of Admission forms		0.00	0.00
2. Sale of syllabus and Question Paper, etc.		0.00	0.00
3. Sale of prospectus including admission forms		0.00	0.00
Total (D)		0.00	0.00
Other Academic Receipts			
1. Registration fee for workshops, programmes		0.00	0.00
2. Registration fees (Academic Staff College)		0.00	0.00
Total (E)		0.00	0.00
GRAND TOTAL (A+B+C+D+E)		13,31,45,385.50	15,55,67,432.49

DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P).

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIODYEAR ENDED 31/03/2017
SCHEDULE 10- GRANTS SUBSIDIES IRREVOCABLE GRANTS RECEIVED)

SCHEDULE 10- GRANTS SUBSIDIES IRREVOCABLE GRANTS RECEIVED)							Amount in Rupees	
Particulars	Plan			Total Plan	Non Plan UGC/Govt of India	Current year Total	Previous Year Total	
	Govt of India	UGC						
		Plan	Specific Schemes					
Balance B/F	7,11,04,512.16	0.00	0.00	0.00	65,39,645.47	0.00	0.00	
Add: Receipts during the year	25,00,00,000.00	25,00,00,000.00	0.00	50,00,00,000.00	33,30,00,000.00	83,30,00,000.00	52,00,00,000.00	
Total	32,11,04,512.16	25,00,00,000.00	0.00	57,11,04,512.16	33,95,39,645.47	91,06,44,157.63	52,00,00,000.00	
Less: Refund to UGC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Balance	32,11,04,512.16	25,00,00,000.00	0.00	57,11,04,512.16	33,95,39,645.47	91,06,44,157.63	52,00,00,000.00	
Less: Utilised for Capital expenditure (A)	19,51,15,717.00	0.00	0.00	19,51,15,717.00	0.00	19,51,15,717.00	9,50,00,000.00	
Balance	12,59,88,795.16	25,00,00,000.00	0.00	37,59,88,795.16	33,95,39,645.47	71,55,28,440.63	42,50,00,000.00	
Less: utilized for Revenue Expenditure (B)	12,36,60,968.00	25,00,00,000.00	0.00	37,36,60,968.00	33,54,24,250.00	70,90,85,218.00	42,50,00,000.00	
Balance C/F (C)	23,27,827.16	0.00	0.00	23,27,827.16	41,15,395.47	64,43,222.63	0.00	

DY. REGISTRAR (ACCOUNTS),
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SCHEDULE 11- INCOME FROM INVESTMENTS			Amount in Rupees		
Particulars	Earmarked/ Endowment Fund		Other Investments		
	Current Year	Previous Year	Current Year	Previous Year	
1. Interest					
a. On Government Securities	-		-		
b. Other Bonds/Debentures	-		-		
2. Interest on Term Deposits	0.00	0.00	2,62,83,542.00		2,47,01,404.00
3. Income accrued but not due on Term Deposits/Interest bearing advances to employees	-		-		
4. Interest on Savings Bank Accounts	-		-		
5. Others (Specify)	-		-		
TOTAL	0.00	0.00	2,62,83,542.00		2,47,01,404.00
Transferred to Earmarked/Endowment Funds					
Balance					

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NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD/YEAR ENDED 31/03/2017

SCHEDULE 12- INTEREST EARNED		(Amount-Rs)	
Particulars	Current Year	Previous Year	
1 On Savings Accounts With Schedule Bank	25,52,161.00	41,86,433.00	
2 On Loans:			
a) Employees/Staff	4,77,148.00	3,03,210.00	
b) Others	0.00	0.00	
3. On Debtors and Other Receivables	0.00	0.00	
<u>TOTAL</u>	30,29,309.00	44,89,643.00	

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NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD/YEAR ENDED 31/03/20 17
SCHEDULE 13-OTHER INCOME (Amount-Rs)

		Current Year		Previous Year	
A. Income from Land & Buildings					
1. Hostel Room Rent	-		66,29,550.00		83,57,250.00
2. License fee	-		23,90,871.00		15,69,909.00
3. Hire Charges of Auditorium/Play ground/Convention Centre, etc	-		2,09,900.00		2,12,135.00
4. Electricity charges recovered	-		0.00		0.00
5. Water charges recovered	-		11,38,697.00		12,90,569.00
6. Rent from Guest House	-		6,01,450.00		9,44,854.00
7. Rent from Garrage	-		40,290.00		36,590.00
	Total		1,10,10,758.00	1,10,10,758.00	1,24,11,307.00
B. Sale of Institute's publications				0.00	0.00
C. Income from holding events					
1. Gross Receipts from annual function/ sports carnival	-			0.00	0.00
Less: Direct expenditure incurred on the annual function/ sports carnival	-				
2. Gross Receipts from fetes	-			0.00	0.00
Less: Direct expenditure incurred on the fetes	-				
3. Gross Receipts for educational tours	-			0.00	0.00
Less: Direct expenditure incurred on the tours	-				
4. Others (to be specified and separately disclosed)	-			0.00	0.00
	Total		0.00	0.00	0.00

D. Others

1. Income from consultancy .		0.00		0.00	
2. RTI fees		0.00		0.00	
3. Income from Royalty		0.00		0.00	
4. Sale of application form (recruitment)		0.00		0.00	
5. Misc. receipts (Sale of tender form, waste paper, tree etc.)		26,74,945.20		37,71,287.00	
6. Profit on Sale/disposal of Assets		0.00		0.00	
a) Owned assets		0.00		0.00	
b) Assets received free of cost		0.00		0.00	
7. Grants/Donations from Institutions, Welfare Bodies and International					
Organizations		0.00		0.00	
8 Others (specify) Overhead Charges		9,86,705.00		8,98,134.00	
10. Charges for use of transport		0.00		0.00	
	Total	36,61,650.20	36.61,650.20	46,69,421.00	46,69,421.00
Grand Total (A+B+C+D)			1,46,72,408.20		1,70,80,728.00

SCHEDULE 14- PRIOR PERIOD INCOME

Particulars	Amount In Rupees	
	Current Years	Previous Year
1. Academic Receipts	0.00	0.00
2. Income from Investments	0.00	0.00
3.1Interest earned	0.00	0.00
4. Other Income	0.00	0.00
	Total	0.00

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NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD/YEAR ENDED 31/03/201 7

SCHEDULE 15- STAFF PAYMENTS & BENEFITS (ESTABLISHMEN T EXPENSES)

	Current Year			Previous Year	
	Plan	Non-Plan	Total	Plan	Non-Plan
a) Salaries and Wages	0.00	30,20,51,921.00	30,20,51,921.00	0.00	27,48,77,138.00
b) Allowances and Bonus	0.00	6,94,254.00	6,94,254.00	0.00	6,50,000.00
c) Contribution to Pension Fund	0.00	51,000.00	51,000.00	0.00	59,86,682.00
d) Contribution to Other Fund (NPS)	0.00	74,18,392.00	74,18,392.00	0.00	3,06,000.00
e) Staff Welfare Expenses	0.00	3,57,406.00	3,57,406.00	0.00	2,48,549.00
D Retirement and Terminal Benefits	0.00	3,06,02,509.00	3,06,02,509.00	0.00	3,49,02,408.00
g) LTC facility	0.00	22,18,325.00	22,18,325.00	0.00	16,34,207.00
h) Medical facility	0.00	31,32,187.00	31,32,187.00	0.00	36,48,779.00
i) Children Education Allowance	0.00	31,57,140.00	31,57,140.00	0.00	30,92,879.00
j) Honorarium	0.00	0.00	0.00	0.00	0.00
I) Others (specify) Professional development allowance	0.00	3,88,635.00	3,88,635.00	0.00	2,34,473.00
Overtime Drivers	0.00	4,092.00	4,092.00	0.00	0.00
Leave Encashment	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	35,00,75,861.00	35,00,75,861.00	0.00	32,55,81,115.00

SCHEDULE 15 A- EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

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

DY. REGISTRAR (ACCOUNTS)
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NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD/YEAR ENDED 31/03/2016

SCHEDULE 16- ACADEMIC EXPENSES

	Current Year			Previous Year	
	Plan	Non-Plan	Total	Plan	Non-Plan
a) Laboratory expenses	0.00	36,88,004.00	36,88,004.00	0.00	18,19,383.00
b) Field work/Participation in Conferences	0.00	0.00	0.00	0.00	0.00
c) Expenses on Seminars/Workshops	0.00	3,68,865.00	3,68,865.00	0.00	3,18,777.00
d) Payment to visiting faculty .	0.00	0.00	0.00	0.00	0.00
e) Examination	0.00	17,74,563.00	17,74,563.00	0.00	10,96,223.00
f) Student Welfare expenses	0.00	2,96,007.00	2,96,007.00	0.00	4,67,256.00
g) Admission expenses --	0.00	0.00	0.00	0.00	0.00
h) Convocation expenses	0.00	0.00	0.00	0.00	5,87,750.00
i) Publications	0.00	95,77,874.00	95,77,874.00	0.00	92,700.00
j) Stipend/means-cum-merit scholarship	8,74,51,833.00	0.00	8,74,51,833.00	7,93,22,937.00	0.00
k) Subscription Expenses	0.00	0.00	0.00	0.00	31,04,351.00
l) Others (specify) academic expenses	0.00	27,47,280.00	27,47,280.00	0.00	26,40,839.00
m) Accreditation to AICTE Expenses	0.00	1,60,000.00	1,60,000.00	0.00	50,000.00
Total	8,74,51,833.00	1,86,12,593.00	10,60,64,426.00	7,93,22,937.00	1,01,77,279.00
					8,95,00,216.00

DY. REGISTRAR (ACCOUNTS)
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NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD/YEAR ENDED 31/03/2017
SCHEDULE 17- ADMINISTRATIVE AND GENERAL EXPENSES

	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
-						
A Infrastructure	0.00	84,69,230.00	84,69,230.00	0.00	72,53,332.00	85,87,522.00
a) Electricity and power	0.00	19,08,698.00	19,08,698.00	0.00	13,34,190.00	
b) Water charges	0.00	0.00	0.00	0.00		
c) Insurance	0.00	0.00	0.00	0.00		
d) Rent, Rates and Taxes (including propertytax)	0.00	0.00	0.00			4,31,803.00
B Communication						
e) Postage and Stationery	0.00	1,54,230.00	1,54,230.00	0.00	2,21,045.00	
f) Telephone, Fax and Internet Charges	0.00	1,96,575.00	1,96,575.00	0.00	2,10,758.00	
C Others						3,26,87,708.00
g) Printing and Stationery (consumption)	0.00	13,87,398.00	13,87,398.00	0.00	20,72,258.00	
h) Travelling and Conveyance Expenses	0.00	28,86,305.00	28,86,305.00	0.00	45,54,828.00	
i) Hospitality .	0.00	5,63,544.00	5,63,544.00	0.00	12,04,920.00	
j) Auditors Remuneration	0.00	1,52,814.00	1,52,814.00	0.00	5,84,977.00	
k) Professional Charges	0.00	90,000.00	90,000.00	0.00	0.00	
l) Advertisement and Publicity	0.00	12,49,362.00	12,49,362.00	0.00	72,96,357.00	
m) Magazines & Journals	0.00	0.00	0.00	0.00	0.00	
n) Others Misc Administrative expenses	0.00	7,48,819.00	7,48,819.00	0.00	10,58,521.00	
o) Security Charges	0.00	1,86,64,342.00	1,86,64,342.00	0.00	1,53,94,826.00	
p) Legal expenses	0.00	7,37,650.00	7,37,650.00	0.00	5,21,021.00	
Total	0.00	3,72,08,967.00	3,72,08,967.00	0.00		4,17,07,033.00

SCHEDULE 18-TRANSPORTATION EXPENSES

Particulars	Amount in Rupees				
	Current Year		Previous Year		
	Plan	Non-Plan	Total	Plan	Total
1 Vehicles (owned by institution)					
a) Running expenses	0.00	8,24,278.00	8,24,278.00	0.00	10,01,379.00
b) Repairs & maintenance	0.00	0.00	0.00	0.00	6,23,660.00
c) Insurance expenses	0.00	49,510.00	49,510.00	0.00	1,25,028.00
2 Vehicles taken on rent/lease					
a) Rent/lease expenses	0.00	0.00	0.00	0.00	0.00
3 Vehicle (Taxi) hiring expenses					
a) Rent/lease expenses	0.00	0.00	0.00	0.00	0.00
Total	0.00	8,73,788.00	8,73,788.00	0.00	17,50,067.00

DY. REGISTRAR (ACCOUNTS)
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NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD/YEAR ENDED 31/03/2017

SCHEDULE 19- REPAIR & MAINTENANCE

Particulars	Amount in Rupees				
	Current Year		Previous Year		
	Plan	Non-Plan	Total	Plan	Total
a) Buildings	1,23,13,806.00	3,34,06,376.00	4,57,20,182.00	3,09,47,194.00	3,09,47,194.00
b) Furniture & Fixtures	0.00	0.00	0.00	4,710.00	4,710.00
c) Plant & Machinery	0.00	0.00	0.00	0.00	0.00
d) Office Equipment	0.00	0.00	0.00	8,74,048.00	8,74,048.00
e) Computers	0.00	0.00	0.00	0.00	0.00
f) Laboratory & Scientific equipment	0.00	0.00	0.00	1,48,746.00	1,48,746.00
g) Audio Visual equipment	0.00	0.00	0.00	0.00	0.00
h) Cleaning Material & Services	98,21,803.00	0.00	98,21,803.00	86,98,044.00	86,98,044.00

i) Book binding charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
j) Gardening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
k) Estate Maintenance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l) Others Water supply	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m) Road	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n) Street light	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
o) Oxidation Pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
p) Maintenance of Entrance Flayer In Admin Block	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2,21,35,609.00	3,34,06,376.00	5,55,23,881.00	4,06,72,742.00	0.00	0.00	4,06,72,742.00	

SCHEDULE 20- FINANCE COSTS		Amount in Rupees					
Particulars		Current Year			Previous Year		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total
a) Bank charges		0.00	58.00	58.00	0.00	229.00	229.00
b) Others (specify)		0.00	0.00	0.00	0.00	0.00	0.00
Total		0.00	33,406,434.00	58.00	0.00	229.00	229.00

DY. REGISTRAR (ACCOUNTS)
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NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD/YEAR ENDED 31/03/2016

SCHEDULE 21- OTHER EXPENSES		Amount in Rupees				
		Current Year			Previous Year	
Particulars		Plan	Non-Plan	Total	Plan	Total
a) Provision for Bad and Doubtful Debts/Advances		0.00	0.00	0.00	0.00	0.00
b) Irrecoverable Balances Written - off		0.00	0.00	0.00	0.00	0.00
c) Grants/Subsidies to other institutions/organizations		0.00	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.00	0.00	0.00

SCHEDULE 22: PRIOR PERIOD EXPENSES		Amount in Rupees				
		Current Year			Previous Year	
Particulars		Plan	Non-Plan	Total	Plan	Total
1 Establishment expenses		0.00	0.00	0.00	0.00	6,11,358.00
2 Academic expenses		0.00	0.00	0.00	0.00	0.00
3 Administrative expenses		0.00	0.00	0.00	0.00	0.00
4 Transportation expenses		0.00	0.00	0.00	0.00	0.00
5 Repairs & Maintenance		0.00	0.00	0.00	0.00	0.00
6 Other expenses		0.00	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.00	0.00	6,11,358.00

DY. REGISTRAR (ACCOUNTS)
NIT, HAMIRPUR (H.P)

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P)
RECEIPTS AND PAYMENTS ACCOUNT FOR THE PERIOD/YEAR ENDED 31/03/2016
(Amount-Rs)

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR		PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I. Opening Balances a) Cash Balances b) Bank Balance In Current accounts In Deposit Accounts Savings accounts	2,73,463.05	2,27,856.05		1. Expenses a) Establishment Expenses b) Academic Expenses c) Administrative Expenses d) Transportation Expenses e) Repairs & Maintenance f) Prior period expenses g) Student curricular Activities	34,46,47,742.00 9,94,52,107.00 3,67,17,480.00 0.00 4,24,33,148.00 0.00 23,07,680.00	31,91,27,697.00 9,28,34,426.00 4,56,21,372.00 0.00 4,24,78,933.00 6,11,358.00 17,23,575.00
II. Grants Received a) From Government of India b) From State Government c) From other sources (details} (Grants for capital & revenue exp/ to be shown sepretaly if available	58,30,00,000.00 0.00	63,00,00,000.00 2,00,00,000.00		II. Payments against Earmarked/Endowment Funds		
III. Academic Receipts	13,31,45,385.50	15,55,67,432.49		III. Payments against Sponsored Projects/Schemes		
IV. Receipts against Earmarked/Endowment Funds				IV. Payments against Sponsored Fellowships/Scholarships		
V. Receipts against Sponsored Projects/Schemes				V. Investments and Deposits made a) Out of Earmarked/Endowments funds b) Out of own funds (Investments- Others		

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VI. Receipts against sponsored Fellowships Scholarships					VI. Term Deposits with Scheduled Banks		
VII. Income on Investments from					VII. Expenditure on Fixed Assets and capital WIP		
a) Earmarked/Endowment funds					b) Other investments a) Fixed Assets	29,69,99,472.00	16,09,89,190.00
b) Other investments					b) Capital Works- in- Progress		
VIII. Interest received on					VIII. Other Payments including statutory payments		
a) Bank Deposits	1,10,26,528.00			2,64,52,514.00			
b) Loans and Advances	4,92,148.00						
c) Savings Bank Accounts	35,90,676.00						
d) Project grant	48,592.00			9,43,213.00			
IX. Investments encashed					IX. Refunds of Grants		
X. Term Deposits with Scheduled Banks encashed					X. Deposits, Advances and Stock	14,94,46,417.00	33,45,50,334.00
XI. Other income (including Prior Period Income)	1,45,28,310.20			1,70,32,631.00	XI. Other Payments	0.00	0.00
XII. Deposits, Advances and Stock	49,24,59,439.80			43,09,94,129.37	XII. Closing balances		
					a) Cash in hand	7,33,591.05	2,73,463.05
					b) Bank balances		
					In Current Accounts		
					In Savings Accounts	19,88,29,310.61	9,35,33,732.11
					In Deposit Accounts	99,47,66,272.00	82,93,92,245.00
XIII. Miscellaneous Receipts including Statutory Receipts							
XIV. Any Other Receipts	48,42,700.00			59,82,425.00			
TOTAL	2,16,63,33,219.66			1,92,11,36,325.16	TOTAL	2,16,63,33,219.66	1,92,11,36,325.16

Dy. Registrar (Accounts)
NIT HAMIRPUR (H.P)

NIT HAMIRPUR (H.P)

Director
NIT HAMIRPUR (H.P)

SCHEDULE: 23**SIGNIFICANT ACCOUNTING POLICIES (ILLUSTRATIVE)****1. BASIS FOR PREPARATION OF ACCOUNTS**

The accounts are prepared under the Hospital Cost Convention unless otherwise stated and generally on the Accrual method of accounting.

2. REVENUE RECOGNITION

- 2.1** Fees from Students and Interest on Saving Bank account are accounted on accrual basis.
- 2.2** Income from Land, Buildings and Other Property and Interest on Investments are accounted on accrual basis.
- 2.3** Interest on interest bearing advances to staff for House Building, Purchase of Vehicles and computers is accounted on accrual basis every year, through the actual recovery of interest starts after the full repayment of Principal.

3. FIXED ASSETS AND DEPRECIATION

- 3.1** Fixed assets are stated at cost of acquisition including inward freight, duties and taxes and incidental and direct expenses related to acquisition, installation and commissioning.
- 3.2** Gifted/ Donated assets are valued at the declared value where available ; if not available, The value is estimated based on the present market value adjusted with reference to the physical Condition of the asset. They are set-up by credit to Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets.
- 3.3** Books received as gifts, are valued at selling prices printed on the books. Where they are not printed, the value is based on assessment.
- 3.4** Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Straight line method, at the following rates:

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

- 3.5** Depreciation is provided for the whole year on additions during the years
- 3.6** Where an asset is fully depreciated, it will be carried at a residual value of Re.1 in the Balance Sheet and will not be further depreciated. Therefore, depreciation is calculated on the additions of each year separately at the rate of depreciation application for that asset head.
- 3.7** Assets created out of Earmarked Funds and funds Sponsored Projects, where the ownership of such assets vests in the Institution, are setup by credit to Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets. Assets created out of Sponsored Project funds, where the ownership is retained by the sponsors but held and used by the Institution are separately disclosed in the Notes on Accounts.
- 3.8** Assets, the individual value of each of which is Rs. 2000 or less (except Library Books) are treated as Small Value Assets, 100% depreciation is provided in respect of such assets at the time of their acquisition. However physical accounting and control are continued by the holders of assets.

4. INTANGIBLE ASSETS: NIL

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

6. RETIREMENT BENEFITS: The Actual payments of Pension, Gratuity and Leave encashment are debited in the Accounts to the respective provisions. Other retirement benefits viz . Deposit Linked Insurance, Contribution to New Pension Scheme, Medical reimbursement to retired employees and Travel to Home on retirement are accounted on accrual basis (actual payments plus outstanding bills at the end of the year).

7. INVESTMENTS

- a) Long term investments are carried at their cost or face value whichever is lower. However any permanent diminution in their value as on the date of the Balance Sheet is provide for.
- b) Short Term investments are carried at their cost or market value (if quoted) whichever is lower.

8. EARMARKED/ENDOWMENT FUNDS

The Pension fund is earmarked for specific purpose. The fund has a separate bank account

9. GOVERNMENT AND UGC GRANTS

- 9.1 Government Grant and UGC grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31st March and the grant is actually received in the next financial year, the grant accounted on accrual basis and an equal amount is shown as recoverable from the Granter.
- 9.2 To the extent utilized capital expenditure, (on accrual basis) government grants and grants from UGC are transferred to the Capital Fund.
- 9.3 Government and UGC grants for meeting Revenue Expenditure (on accrual basis) are treated, to the extent utilized, as income of the year in which they are realized.
- 9.4 Unutilized grants (including advances paid out of such grants) are carried forward and exhibited as a liability in the Balance Sheet.

- 10. INVESTMENTS OF EARMARKED FUNDS AND INTEREST INCOME ACCRUED ON SUCH INVESTMENTS:** To the extent not immediately required for expenditure, the amounts available against such funds are invested in approved Securities & Bonds or deposited for fixed term with Banks, leaving the balance in Saving Bank Accounts.
- 11. SPONSORED PROJECTS:**
- 11.1** In respect of ongoing Sponsored Projects, the amounts received from sponsors are credited to the head “Current Liabilities and Provisions-Current Liabilities-Other Liabilities –Receipts against ongoing sponsored projects.” As and when expenditure is incurred /advances are paid against such projects, or the concerned projects account is debited with allocated overhead charges, the liability account is debited.
 - 11.2** In addition to the Earmarked Fund for the Junior Research Fellowships funded by the University Grants Commission, Fellowships and Scholarships are also sponsored by various organizations. These are accounted in the same way as Sponsored Projects expect that the expenditure generally is only on disbursement of Fellowships and Scholarships, which may include allowances for contingent expenditure by the Fellows and scholars.
 - 11.3** The Institution itself also awards Fellowships and Scholarships, which are accounted as Academic expenses.
- 12. INCOME TAX:** The income of the Institution is exempt from Income Tax under Section 10(23c) of the Income Tax Act. No provision for tax is therefore made in the accounts.

SCHEDULE: 24

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS (ILLUSTRATIVE)

- 1. CONTINGENT LIABILITIES: NIL**
- 2. FIXED ASSETS:**
- 2.1** Additions in the year to Fixed Assets in Schedule 4 include Assets purchased out of Plan Funds.
 - 2.2** In the Balance Sheet as on 31.3.2017 and the Balance Sheets of earlier years Fixed Assets created out of plan funds.
- 3. CURRENT ASSETS, LOANS, ADVANCES AND DEPOSITS:** In the opinion of the Management the current assets, Loans, Advances and Deposits have a value on realization in the ordinary course, equal at least to the aggregate amount shown in the Balance Sheet.
- 4.** The details of balances in Saving Bank Accounts, Current Accounts and Fixed Deposit Accounts with Banks are enclosed as attachment 'A' to the Schedule of Current Assets.
- 5.** Previous year's figures have been regrouped wherever necessary.
- 6.** Schedules 1 to 24 are annexed to and form an integral part of the Balance Sheet at 31 “March 2017 and the Income & Expenditure account for the year ended on that date.

**NATIONAL INSTITUTE OF TECHNOLOGY
HAMIRPUR (H.P)
GENERAL PROVIDENT FUND
BALANCE SHEET
AS ON 31/03/2017**

P-YEAR	HEAD OF ACCOUNT	AMOUNT(RS)	
	<u>LIABILITIES</u>		
	Subscription Account (PF Contribution)		
330,125,504.55	Upto 2016	382,296,907.55	
52,171,403.00	During the year	54,152,337.00	
382,296,907.55		436,449,244.55	
	Add: Interest		
131,946,667.45	Upto 2016	154,850,430.45	
22,903,763.00	During the year	23,781,359.00	
154,850,430.45		178,631,789.45	
	Less: Withdrwal		
198,489,142.00	Upto 2016	236,727,341.00	
38,238,199.00	During the year	39,836,767.00	
236,727,341.00		276,564,108.00	338,516,926.00
300,419,997.00			
	Income & Expenditure Account		
4,813,411.64	Upto 2016	13,880,428.64	
9,067,017.00	During the year	-6,062,833.82	7,817,594.82
13,880,428.64			
314,300,425.64			346,334,520.82
	<u>ASSETS</u>		
	Temporary Advance		
29,538,048.00	Up to 2016	31,971,548.00	
2,433,500.00	During the year	1,010,500.00	
31,971,548.00		32,982,048.00	
	Less: refund		
28,755,883.00	Upto 2016	30,732,683.00	
1,976,800.00	During the year	1,561,150.00	
30,732,683.00		32,293,833.00	688,215.00
1,238,865.00			
	Bank Interest Accrued		
13,779,906.00	Opening Balance	13,080,221.00	
17,080,221.00	ADD: (C-Year accrued)	19,688,239.00	
30,860,127.00		36,768,460.00	
13,779,906.00	Less: Interest received on Maturity	17,080,221.00	19,688,239.00
17,080,221.00			
295,981,339.64	Closing Balance Bank		325,958,066.82
314,300,425.64			346,334,520.82

**DY. REGISTRAR (ACCOUNTS),
NIT, HAMIRPUR (H.P).**

**REGISTRAR,
NIT, HAMIRPUR (H.P).**

**DIRECTOR,
NIT, HAMIRPUR (H.P).**

**NATIONAL INSTITUTE OF TECHNOLOGY
HAMIRPUR (H.P)
GENERAL PROVIDENT FUND
RECEIPTS AND PAYMENTS ACCOUNT
FOR THE YEAR 01/04/2016 TO 31/03/2017**

Previous Year(Rs)	RECEIPTS HEAD OF ACCOUNT	AMOUNT(RS)
253,834,370.64	CASH IN BANK	295,981,339.64
52,171,403.00	SUBSCRIPTION	54,152,337.00
1,976,800.00	REFUND OF ADVANCE	1,561,150.00
28,670,658.00	BANK INTEREST	15,110,507.18
336,653,231.64		366,805,333.82
	PAYMENTS	
2,433,500.00	TEM. ADVANCE TO STAFF	1,010,500.00
38,238,199.00	WITHDRAWAL	39,836,767.00
193.00	BANK CHARGES	0.00
295,981,339.64	CLOSING BANK BALANCE	325,958,066.82
336,653,231.64		366,805,333.82
DY. REGISTRAR (ACCOUNTS) NIT, HAMIRPUR (H.P)	REGISTRAR NIT, HAMIRPUR (H.P)	DIRECTOR NIT, HAMIRPUR (H.P)

**NATIONAL INSTITUTE OF TECHNOLOGY
HAMIRPUR (H.P)
GENERAL PROVIDENT FUND
INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR 01/04/2015 TO 31/03/2017**

Previous Year(Rs)	EXPENDITURE HEAD OF ACCOUNT	AMOUNT(RS)
22,903,763.00	Interest credited to the Subscribers Account	23,781,359.00
193.00	Bank Charges	0.00
9,067,017.00	Excess of +Income/-loss	-6,062,833.82
31,970,973.00		17,718,525.18
	INCOME	
28,670,658.00	Income from Investment:	
17,080,221.00	Bank Interest received	15,110,507.18
13,779,906.00	Add: Interest due for 2016-2017	19,688,239.00
31,970,973.00	Less: Due of year 2015-2016	17,080,221.00
		17,718,525.18
31,970,973.00		17,718,525.18
DY. REGISTRAR (ACCOUNTS) , NIT, HAMIRPUR (H.P) .	REGISTRAR, NIT, HAMIRPUR (H.P) .	DIRECTOR, NIT, HAMIRPUR (H.P) .