



Handbook of Information

2022-23



NATIONAL INSTITUTE OF TECHNOLOGY

(INSTITUTION OF NATIONAL IMPORTANCE)

KURUKSHETRA - 136 119 HARYANA



ATTENTION !

RAGGING IS A COGNIZABLE OFFENCE

AND

PUNISHABLE UNDER **LAW**

RAGGING ANY STUDENT

WITHIN OR OUTSIDE THE CAMPUS

IS

STRICTLY PROHIBITED

STRICT DISCIPLINARY ACTION WILL BE TAKEN

AGAINST THE OFFENDERS

ATTENTION STUDENTS !

USE OF VEHICLES

(Except Bicycle)

by the Students inside the campus

is

STRICTLY PROHIBITED

DAY SCHOLARS

may park their vehicles at the

ALLOCATED PARKING

— Director



Director's Message

Dear Students,

It gives me great pleasure to welcome you to the portals of higher learning. In particular, the incoming students of the 2022–2023 academic year to the National Institute of Technology (NIT), Kurukshetra. I congratulate you on securing admission in NIT Kurukshetra, the Institution of National Importance, situated on the holy land of Bhagwat Gita. The Institute is well recognized nationally and internationally for an excellent education system and continuously making strides in uplifting innovative research and developmental activities in various areas of engineering, science and technology. I trust that you will have a stimulating academic experience here, and that you will have a sense of anticipation as you begin your studies. Rest assured, you will find everything you need to succeed as an engineer right here. NIT Kurukshetra, offers you a 300-acre green campus, vehicle free zone, pedestrian paths and cycle tracks.

At NIT Kurukshetra, we realize the enormous impact that the engineering profession and engineers can have on society and individuals. The true test of your accomplishments is how they benefit others around you. So, look around you and focus your efforts on devising new and innovative technologies that targets today's greatest societal challenges. Think of becoming a great scientist, teacher, or entrepreneur and bringing great ideas to market. The more lives you've been able to uplift through your innovative solutions, the more you'll realize you've been able to bring about change in society. Our goal should be to enable as much of this positive change as possible. Promoting sustainable technologies that are replaceable, should be your goal to ensure a safe mother earth, free from pollution and climate change, to be passed on to the next generation.

Keeping in view of the implementation of National Education Policy (NEP-2020), efforts are made to revise the curriculum from the academic session 2022-23 onwards. The buzz words/objectives of NEP-2020 such as promoting Holistic personality development and taking care of physical, mental, emotional & spiritual well-beings, offering courses leading to multidisciplinary approach, offering major and minor degrees, value based approach in designing syllabus focussing on experimental and experiential learning are explored. Promotion of Indian Knowledge System (IKS) along with current technologies will go a long way in promoting sustainable technologies, nullifying the ills of current technologies & the impact on well-beingness of the society and mother earth. Efforts will also be made to modify the rote learning methods, evaluation criteria to promote innovation, creativity, promoting entrepreneurial traits, & develop start-up culture. Reverse brain drain can be achieved if you focus on problems of our society, uplift one lakh villages of our country, to become a global leader in the next 25 years, when free India turns 100 @ 2047.

The institute offers a wide array of undergraduate and graduate programs in engineering, management, computer applications, applied sciences, and humanities. The Institute takes pride in its faculty, staff, students, distinguished alumni, excellent infrastructure, good industry connect and much more. This Handbook of Information will serve you as a source for detailed information on all these aspects and more that you'll get to know and appreciate better with time. Your fruitful suggestions on any of the aspects or otherwise would be always welcome, however. Let me also remind you, that REC/ NIT Kurukshetra has a strong 40,000 plus alumnus, dotting across the world map, establishing themselves as engineers, technocrats, entrepreneurs, and administrators.

I wish that your time at this Institute is both enjoyable and enriching for everyone of you. I pray that the Lord will be with you constantly as you continue on your path to success & become leaders of tomorrow.

With Best Wishes

Prof. B.V. Ramana Reddy
Director



Dean's Message

The office of the Dean Students' Welfare congratulates and welcomes the batch of 2022 at the National Institute of Technology Kurukshetra. It gives me immense pleasure to inform

that the office is committed to work for the welfare of the students at various levels. Taking cognizance of the social, economic and cultural diversities, we strive to render all the facilities that will allow the young entrants to be enthusiastic and motivated to demonstrate their skills and talents.

The office of the Dean Students' Welfare ensures the overall growth of the students by providing ample of opportunities and a platform to the students to showcase and chisel their personality traits. We believe in maintaining a balance between academic and extracurricular activities as the aim of education is not only to support academic excellence but promote all round development of an individual-the holistic personality development-which suggests development of intellectual, psychological, physical, emotional and social skills to help an individual meet life's demands and challenges. These skills are very critical to be successful in life-both at personal and at professional fronts. Hence, at National Institute of Technology Kurukshetra we have meticulously designed many innovative techniques, activities and workshops that will foster development of a balanced personality.

Our focus is to promote value based education because "Education without morals is like a ship without a compass, merely wandering nowhere" (Martin Luther King Jr.). Therefore, students are involved in a variety of activities-sports, literary, cultural-including management and functioning of hostels which calls for demonstration of leadership skills and sensitivity to understand needs of different stakeholders. This year we have constituted a 'Student Council' for encouraging students' participation in maintaining discipline and sharing their ideas, interests and concerns. Thereby, initiating a culture of cooperation, fraternity, assimilation, accommodation and unity among the students further contributing towards strengthening of the social fabric of the nation.

We are proud to inform that the campus of the Institute is ragging free. The Institute follows the policy of zero tolerance towards incidents of ragging, substance abuse, eve teasing or any other criminal activity. Students are strictly warned to refrain from such activities and any person found guilty will be subjected to strict disciplinary action as per law. Physical violence or any other form of abusive behaviour towards fellow residents will not be tolerated within or outside the premises of the institute. Anyone found guilty of the same will be liable for strict disciplinary action to the extent of suspension or rustication as per case.

I hope this handbook will provide all the necessary information about the institute. The principle objective of this office is to extend all possible aid for the growth and progress of the students. The office is always open for the students and we invite suggestions for improvement.

I wish you a very happy, healthy and comfortable stay on the campus.

With Best Wishes

Prof. Dixit Garg
Dean (Student Welfare)

Handbook **of** Information

2022-23



NATIONAL INSTITUTE OF TECHNOLOGY
(INSTITUTION OF NATIONAL IMPORTANCE)

KURUKSHETRA - 136 119
HARYANA

Vision

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

Mission

To impart quality technical education that develops innovative professionals and entrepreneurs and to undertake research that generates cutting-edge technologies and futuristic knowledge, focusing on the socio-economic needs.

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THE INSTITUTE

National Institute of Technology, Kurukshetra (founded as Regional Engineering College, Kurukshetra) is a premier technical Institute in the region. Since 1963, like other Regional Engineering Colleges of India, this Institute too, had been a joint enterprise of the State and the Central Governments. This Institute was conferred upon the status of Deemed to be University, along with other Regional Engineering Colleges on June 26, 2002. Since then it has been renamed as National Institute of Technology, Kurukshetra and is a centrally funded Institute. The Institute has been declared an Institution of National Importance by MHRD, Govt. of India.

The first admission to five-year B.Sc. (Engg.) degree courses were made by the college in July, 1963 at Punjab Engineering College, Chandigarh and Thapar Institute of Engineering and Technology, Patiala, with 60 students at each place.

The Institute started functioning in this present campus at Kurukshetra in 1965-66, with 120 students admitted in the first of the five-year courses of study for the B.Sc. (Engg.) degrees in Civil, Electrical, and Mechanical Engineering. The annual intake was increased to 250 students in 1966-67. B.Sc. (Engg.) degree course in Electronics and Communication Engineering was started in 1971-72. In 1967-68, M.Sc. (Engg.) degree courses in Civil, Electrical, and Mechanical Engineering, and in 1971-72, postgraduate diploma courses in Civil, Electrical, and Mechanical Engineering and in the same year, a postgraduate diploma course in Scientific Instrumentation, were started. In July 1976, part-time M.Sc. (Engg.) degree courses in Electronics and Communication engineering, was Instituted. The first registration for the degree of Doctor of Philosophy in the Faculty of Engineering and Technology was made in July, 1967.

The Institute changed over from five-year degree programmes to the four-year degree programmes with effect from the academic year 1985-86. The new degree was called B.Tech. Special three-year degree courses in Civil, Electrical, and Mechanical Engineering, designated as 'Bachelor of Engineering', for in-service engineering diploma holders were started in the session 1982-83. These courses have now been discontinued.

The M.Sc. (Engg.) degree courses in various disciplines were redesignated as M.Tech. degree courses with effect from the session 1983-84. The full-time M.Tech. degree courses are of four semesters duration.

The Institute, in the session 1987-88, started four-year B.Tech. degree programme in Computer Engineering, with intake of 30 students. The Institute also introduced a full time M.Tech. degree course in Electronics and Communication Engineering with an intake of 30 students. The intake of B.Tech. Electronics and Communication Engineering degree course was increased from 30 to 60 from the session 1987-88. Full time M.Tech. degree course in Water Resources (Civil Engineering Dept.) was introduced in 1989-90.

Today, the Institute is proudly conducting 07 B.Tech. programs, 22 M.Tech. Programs besides MBA, MCA & Ph.D programs in all disciplines of engineering, sciences and humanities & social sciences. Since the very inception, the Institute has a commendable record of nurturing the enormous talent of this country and providing them with the best of the technical education. In the course of this journey, the Institute has contributed immensely to the technical education, Research & Development and consultancy. It is worth mentioning that the Institute has, over these years, mentored CRSCE Murthal, HEC Hisar, REC Hamirpur, REC Jalandhar, NIT Uttarkhand, and IIIT Sonapat.

In addition to providing instructions in various disciplines of Engineering and Technology at the Undergraduate level and Postgraduate level, the Institute offers excellent facilities of research in the emerging areas of science and technology.

The Campus

The campus extends over an area of about 300 acres and presents an impressive blend of modern architecture and rural landscape. It has been organised into three functional sectors, Residential sector for the students (Hostels), Instructional sector, and the Residential sector for the staff.

Hostels being a residential institution, hostel accommodation is available for students.

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Accommodation in P.G. Hostels is provided to M.Tech Students. There are eleven hostels for the boys, and four for the girls. A few hostels are proposed for construction.

Infrastructure Facilities

The infrastructure is geared to enable the Institute to turn out technical personnel of high quality. The Infrastructure facilities include eight blocks and a workshop. Each block has within it, offices for the staff, lecture halls, tutorial rooms, and various laboratories. As a new addition to this infrastructure, a mini auditorium, an examination hall, and a Senate Hall have been added. Some of the other major new facilities developed are as follows: Air-conditioning of class rooms, examination halls. Second phase is initiated; Roof-top solar plant of 1 MW capacity has been commissioned; Solar Geysers in the hostel sector have been made functional; Sewage Treatment Plant has been operationalized; an Automatic Weather Station and Monitoring System has been established in the school of Renewable Energy and Efficiency etc.

Centre of Excellence

Realizing the need of CoEs in academic, research and laboratory & overall development of the Institute, areas were identified keeping into consideration the strengths of the faculty members and existing facilities, initiatives were taken and which have now started yielding results. The details of centre and organisation progress is as under: Aeon Centre of Excellence: AEON Learning PVT. LTD. Bangalore; Siemens Centre of Excellence: Siemen Private Limited; Geo-spatial Centre of Excellence: Environmental System Research Institute India; Earthquake Engineering Facility Centre: Bangalore Integrated System Solutions (BISS) Pvt Ltd, a subsidiary of Illinois Tool Works (ITW), USA; 3-D Printing Solutions Centre of Excellence: Proposal received from 4 companies; CAE Centre of Excellence: Altair Engineering Inc., USA; IOT Incubation Centre: To be funded by NIT Kurukshetra Alumni batch of 1968-73; High Voltage Engineering Centre of Excellence: Megger India Private Limited; Cyber Security Centre: Under Atal Innovation Mission

Residential Sector

The Institute provides almost hundred percent residential facility to its faculty members, and fifty percent to the non-teaching staff.

The Place

Kurukshetra - the land of the Mahabharata, has traditionally been the epicentre of learning. It was here that the message of the Bhagvad Gita is believed to have been delivered by Lord Krishna. With a legend attached to every corner, Kurukshetra is a premier centre of pilgrimage for Hindus. In addition to its spiritual significance, the town has steadily developed into a centre of academic excellence, and occupies a place of privilege on the academic map of the northern region, especially in Haryana.

Location Kurukshetra is a rail junction on the Karnal-Ambala section of the Northern Railway. It is about 160 kms from Delhi. The Institute is situated on the Pehowa road, about 6 kms from the Railway station. The nearest road junction is Pipli which is on the Sher Shah Suri Marg (National Highway No. 1). The Institute is about 10 kms from Pipli.



NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA - 136119

BOARD OF GOVERNORS

1. Prof. B.V. Ramana Reddy,
Chairperson (Acting) & Director,
National Institute of Technology Kurukshetra
2. Joint Secretary (NITs), Department of Higher Education
Ministry of Education (Shiksha Mantralaya)
Government of India, Shastri Bhawan, New Delhi - 110 115
3. Additional Secretary & Financial Advisor, Department of Higher Education
Ministry of Education
Government of India, Shastri Bhawan, New Delhi - 110 115
4. Principal Secretary to Government of Haryana, Technical Education Department, Haryana.
Chandigarh - 160 009
5. Director General, Technical Education & Secretary,
Technical Education, Haryana.
Panchkula
6. Director, Indian Institute of Technology Ropar
Ropar, Punjab - 140 001
7. Sh. Krishan Kumar Kataria
Director, Technical Education, Haryana
Representative of Principal Secretary to Government of Haryana
Technical Education Department, Haryana
Chandigarh - 160 009
8. Er. Jwala Parsad
Principal, GBN Govt. Polytechnic, Nilokheri
Representative of Director General, Technical Education
& Secretary, Technical Education, Haryana
Panchkula
9. Dr. Brahmjit Singh
Professor, Department of Electronics & Communication Engineering
National Institute of Technology Kurukshetra
10. Dr. Sandeep Santosh, Assistant Professor
Department of Electronics & Communication Engineering
National Institute of Technology Kurukshetra
11. G.R Samantaray, Registrar (I/C) & Secretary
Board of Governors
National Institute of Technology Kurukshetra



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ADMINISTRATION

DIRECTOR

Prof. B. V. Ramana Reddy

DEANS

Planning and Development
Academics
Students Welfare
Faculty Welfare
Research and Consultancy
Industry & International Relations

Prof. Brahmjit Singh
Prof. Sathans
Prof. Dixit Garg
Prof. Surinder Deswal
Prof. Mahesh Pal
Prof. S. M. Gupta

ASSOCIATE DEANS

Planning and Development
Planning and Development (Estate & Construction)
Academics
Examinations
Students Welfare
Research and Consultancy
Industry & International Relations

Dr. N. P. Singh
Dr. Praveen Aggarwal
Dr. A. V. S. Ravi Kanth
Prof. R. P. Chauhan
Dr. Rajeev Verma
Dr. N. K. Singh
Dr. Shelly Vadhera

HEAD OF TEACHING DEPARTMENTS

Civil Engineering
Electrical Engineering
Mechanical Engineering
Electronics and Communication Engineering
Computer Engineering
Physics
Chemistry
Mathematics
Humanities & Social Sciences
Business Administration
Computer Applications

Prof. K. K. Singh
Prof. Ashwani Kumar
Prof. Hari Singh
Prof. Vrinda Gupta
Prof. A. K. Singh
Prof. Ashavani Kumar
Dr. J. K. Kapoor
Prof. Paras Ram
Prof. Vikas Chaudhary
Dr. Neeraj Kaushik
Dr. Sandeep Kumar Sood

COORDINATORS OF SCHOOLS

School of Renewable Energy & Efficiency
School of VLSI Design and Embedded Systems

Prof. Ratna Dahiya
Prof. R. K. Sharma

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FACILITIES, ACTIVITIES AND SECTIONS HEADS

Chief Warden (Hostel)	Prof. V.K. Bajpai
Deputy Chief Warden (Boys Hostel)	Dr. C. Prabhakar
Deputy Chief Warden (Boys Hostel)	Dr. Y. Dwivedi
Deputy Chief Warden (Girls Hostel)	Dr. Sarika Jain
Chairman, Library Committee	Prof. Meenu
Chairman, Canteen Committee	Prof. Ashavani Kumar
Prof.-in-Charge (Public Relations)	Dr. Vikas Mittal
Prof.-in-Charge (Annual Report)	Prof. Minati Baral
Prof.-in-Charge (Centre of Computing & Networking)	Prof. Mayank Dave
Prof.-in-Charge (Estate & Construction)	Prof. Arun Goel
Prof.-in-Charge (Health Centre)	Prof. O P Sahu
Prof.-in-Charge (Time-Table)	Dr. Rajeev Verma
Prof.-in-Charge (Physical Education)	Prof. Umesh Ghanekar
Faculty-in-Charge (Stores)	Dr. Aswani Kumar
Prof.-in-Charge (Students' Clubs)	Prof. (Ms.) Paratibha Aggarwal
Prof.-in-Charge (Technical Societies)	Dr. Saurabh Channa
Joint Registrar (General Administration and Legal)	Shri G. R. Samantaray
Deputy Registrar (Academics)	Shri Pankaj Kumar Bayati
Principal Technical Officer	Shri Lalit Mehra
Senior Medical Officer	Dr. (Ms.) Minati Raut
Medical Officer	Dr. Sumit Kumar Guin
Medical Officer	Dr. Rishu Saxena
SAS Officer	Ms. Pallavi Rai
SAS Officer	Shri Shahabuddin
Security Officer	Shri Ajeet Singh Yadav
Assistant Librarian	Shri Manish Garg
Assistant Registrar (Accounts)	Md. Afroz
Assistant Registrar (General Administration)	Shri Rajeev Saini
Assistant Registrar (Internal Audit)	Shri Ramesh
Assistant Engineer (Civil)	Shri S.N. Kaushik

WORKING HOURS

Departments-	8.30 A.M. to 5.00 P.M. (Lunch Break- 1.00 P.M. to 1.30 P.M.)
Administration-	9.00 A.M. to 5.30 P.M. (Lunch Break- 1.00 P.M. to 1.30 P.M.)
Saturdays & Sundays Closed.	



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PUBLIC INFORMATION OFFICE

In order to promote openness, transparency and accountability in administration, Government of India has enacted the right to information Act, 2005 imposing the obligations on every public authority to provide information to the person seeking it.

In terms of Section 5 (1) of the Right to Information Act, 2005, the undermentioned officers of this Institute are hereby designated as Public Information Officers (PIOs) and Assistant Public Information Officers (APIOs) to give information as per the right to information Act, 2005, in respect of the specific subject matter mentioned against their names.

Sr. No.	Name of PIO/APIO	Designated	Subject Matter
1.	Dr. S.M. Gupta Professor Department of Civil Engineering	First Appellate Authority	All matters relating to the institute
2.	Joint Registrar (GA)	Central Public Information Officer	All matters relating to the Institute
3.	Assistant Registrar (Accounts)	Assistant Central Public Information Officer	All matters relating to the Accounts Section
4.	Dy. Registrar (Academic)	Assistant Central Public Information Officer	All matters relating to the Academic Section
5.	Assistant Registrar (General Administration)	Assistant Central Public Information Officer	All matters relating to the General Section
6.	Superintendent (Stores Section)	Assistant Central Public Information Officer	All matters relating to the Stores Section
7.	Senior Superintendant (Examinations)	Assistant Central Public Information Officer	All matters relating to the Examination Cell
8.	Assistant Engineer SG-I (Civil)	Assistant Central Public Information Officer	All matters relating to the Estate Section



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COURSES OF STUDY

The institute offers courses of study leading to B.Tech., MBA, MCA, M.Tech. degrees and research facilities leading to the degree of Doctor of Philosophy. The medium of instruction and examination is English. The Institute "Institution of National Importance".

The courses include study at the Institute, visits to work sites, and practical training in the Institute workshops, and in approved Engineering works. The examinations are held at the end of every semester.

B.Tech. Degree Programmes-

Courses of study are offered in the following disciplines-

Discipline	No. of Seats
Civil Engineering	164
Computer Engineering	243
Electrical Engineering	164
Electronics & Communication Engineering	164
Information Technology	164
Mechanical Engineering	164
Production & Industrial Engineering	084
Total	1147

The duration of each of the B.Tech degree courses is four academic years (Eight Semesters).

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NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA -136119 B.Tech. Seat Matrix (2022)

Program Name	State/All India Seats	Seat Pool	OPEN	OPEN-PwD	GEN-EWS	GEN-EWS-PwD	SC	SC-PwD	ST	ST-PwD	OBC-NCL	OBC-NCL-PwD	Total (includes Female Supernumerary)	Program-Total	
														Seat Capacity	Female Supernumerary
Civil Engg	HARYANA	Gender-Neutral	25	1	6	1	9	0	5	0	18	0	65	82	0
		Female-only (including Supernumerary)	7	1	1	0	2	0	1	0	4	1	17		
													(including "0" Supernumerary)		
	Other than HARYANA	Gender-Neutral	24	2	7	0	9	1	4	1	17	1	66	82	0
		Female-only (including Supernumerary)	6	0	2	0	3	0	1	0	4	0	16		
													(including "0" Supernumerary)		
Electrical Engg.	HARYANA	Gender-Neutral	25	1	6	1	9	1	5	0	17	0	65	82	0
		Female-only (including Supernumerary)	7	1	1	0	2	0	1	0	4	1	17		
													(including "0" Supernumerary)		
	Other than HARYANA	Gender-Neutral	24	2	7	0	9	1	4	1	17	1	66	82	0
		Female-only (including Supernumerary)	6	0	2	0	3	0	1	0	4	0	16		
													(including "0" Supernumerary)		
Electronics and Comm. Engg.	HARYANA	Gender-Neutral	25	1	6	1	9	1	5	0	17	0	65	82	0
		Female-only (including Supernumerary)	7	1	1	0	2	0	1	0	4	1	17		
													(including "0" Supernumerary)		
	Other than HARYANA	Gender-Neutral	26	1	6	0	9	0	4	1	18	1	66	82	0
		Female-only (including Supernumerary)	6	0	2	0	3	0	1	0	4	0	16		
													(including "0" Supernumerary)		

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Mechanical Engg.	HARYANA	Gender-Neutral	26	1	6	1	10	0	5	0	17	0	66	82	0
		Female-only (including Supernumerary)	6	1	1	0	2	0	1	0	4	1	16		
	Other than HARYANA												(including "0" Supernumerary)		
		Gender-Neutral	26	1	6	0	9	1	4	1	17	1	66	82	0
		Female-only (including Supernumerary)	6	0	2	0	3	0	1	0	4	0	16		
													(including "0" Supernumerary)		
Production and Industrial Engg.	HARYANA	Gender-Neutral	13	0	4	0	5	0	2	0	9	0	33	42	0
		Female-only (including Supernumerary)	4	0	1	0	1	1	0	0	2	0	9		
	Other than HARYANA												(including "0" Supernumerary)		
		Gender-Neutral	13	1	3	0	5	0	3	0	8	1	34	42	0
		Female-only (including Supernumerary)	3	0	1	0	1	0	1	0	2	0	8		
													(including "0" Supernumerary)		
Information Technology	HARYANA	Gender-Neutral	26	1	6	1	9	1	5	0	17	0	66	82	0
		Female-only (including Supernumerary)	6	1	1	0	2	0	1	0	4	1	16		
	Other than HARYANA												(including "0" Supernumerary)		
		Gender-Neutral	26	1	6	0	10	0	5	0	17	1	66	82	0
		Female-only (including Supernumerary)	6	0	2	0	3	0	1	0	4	0	16		
													(including "0" Supernumerary)		
Computer Engg.	HARYANA	Gender-Neutral	37	2	9	1	14	0	8	0	24	2	97	122	0
		Female-only (including Supernumerary)	9	1	3	0	4	0	2	0	6	0	25		
	Other than HARYANA												(including "0" Supernumerary)		
		Gender-Neutral	37	2	9	0	13	1	8	0	25	2	97	121	0
		Female-only (including Supernumerary)	10	0	2	0	3	1	2	0	6	0	24		
													(including "0" Supernumerary)		
		Total Seats	442	23	109	6	163	9	82	4	294	15	1147	1147	0

* 20% seats are reserved for Female

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Direct Admission of Students Abroad (DASA/MEA/ICCR/MEA(NSS)/MEA(SSS))

Under this category, the centralized admission is done based on the JEE(Mains) score of the students except ICCR who obtain their educational eligibility for B.Tech. programmes of the NITs from foreign country. The seat matrix for this category is given below.

Sr. No.	B.Tech. Programmes	No. of Supernumerary Seats					
		DASA	ICCR	SII	MEA (NSS)	MEA (SSS)	MEA
1	Civil Engg.	5	5	5	1	1	1
2	Computer Engg.	5	3	5	1	1	1
3	Information Technology	5	2	0	1	1	1
4	Electrical Engg.	5	5	5	1	1	1
5	Electronics & Comm. Engg.	5	5	5	1	1	1
6	Production & Industrial Engg.	5	5	0	1	1	1
7	Mechanical Engg.	5	3	5	1	1	-
	Total	35	28	25	7	7	6

M.Tech. Degree Programmes-

The duration of M.Tech. programme is two academic years (four semesters). The M. Tech. seats are filled by GATE qualified candidates only (except for sponsored category).

In addition to the above seats, a maximum of 5 sponsored (full-time) may be admitted to each course (specialization). Such candidates should be sponsored by Govt. Organization, Public Sector Undertaking, (Regd. Under Indian Companies Act 1956), Govt./ Govt. aided/ Private Engineering Colleges/ Polytechnics. They should have two years experience after graduation in the organization(s) of the types specified on last date of applying, out of which at least one-year continuous experience should be as regular employee in the sponsoring organization. However, such candidates will not be eligible for award of GATE scholarship.

1. Seats Available for Admission

1.1 Through CCMT-2022:

The candidates are advised to visit (www.ccmt.in) for detailed information about admission procedure. The GATE qualified candidates are eligible for Institute scholarship as per Govt. of India rules. The seats available for admission through CCMT-2022 are given in Table 1.

Table 1: Seat Matrix for admission in M.Tech. through CCMT- 2022

Deptt./ School	M.Tech. Programme	OP	EWS	OBC	SC	ST	OP PWD	EWS PWD	OBC PWD	SC PWD	ST PWD	Total
Civil Engineering	Environmental Engg. (EV)	10	3	6	4	2	1	0	0	0	0	26
	Geotechnical Engineering (GE)	9	2	6	3	1	1	0	0	0	1	23
	Structural Engg. (SU)	10	2	5	4	2	0	0	1	0	0	24
	Transportation Engg. (TE)	9	3	6	3	2	0	0	0	0	0	23
	Water Resources Engg. (WR)	7	2	4	2	1	0	0	1	0	0	17

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	Water Resources Engg. (WR)	7	2	4	2	1	0	0	1	0	0	17
	Water Resources Engg with Agricultural Engg. (WR)	2	0	1	1	0	0	0	0	0	0	04
Computer Engg.	Computer Engg. (XE)	12	3	8	3	3	1	0	0	1	0	31
	Cyber Security (BR)	9	2	7	4	2	1	0	0	0	0	25
Electrical Engineering	Control System (CP)	10	2	6	4	1	0	0	1	0	1	25
	Power Electronics & Drives (PD)	9	3	6	3	2	1	0	0	1	0	25
	Power System (TJ)	10	3	6	4	1	0	0	1	0	0	25
Electronics & Comm. Engg.	Communication Systems (CY)	11	2	8	5	2	1	1	0	0	0	30
Mechanical Engg.	Machine Design (MD)	10	3	7	3	1	0	0	0	1	0	25
	Production and Industrial Engg. (IP)	10	2	7	4	2	0	0	0	0	0	25
	Thermal Engineering (TI)	11	3	8	5	2	1	0	0	0	0	30
Physics	Instrumentation (IX)	10	2	7	4	2	0	0	0	0	0	25
	Nanomaterials and Nanotechnology (C9)	10	3	7	3	2	0	0	0	0	0	25
School of VLSI Design & Embedded System	Embedded System Design (VF)	9	3	6	3	2	1	0	1	0	0	25
	VLSI Design (VN)	14	3	10	5	3	2	1	1	1	0	40
School of Renewable Energy & Efficiency	Renewable Energy Systems with Electrical Engg. (RN)	4	1	2	2	0	0	0	1	0	0	10
	Renewable Energy Systems with Mechanical Engg. (RN)	4	1	3	1	1	0	0	0	0	0	10
	Renewable Energy Systems with Civil Engg. (RN)	2	0	1	1	1	0	0	0	0	0	05
GRAND TOTAL		192	48	127	71	35	10	2	7	4	2	498

1.2 Through Direct Admission

The Institute offer admissions directly through Institute level counseling in the academic session 2022-23 on sponsored seats for all branches and specialization (Table 2).

Table 2: Seat Matrix Sponsored seats (2022) M.Tech. Programmes

Deptt./ School	M.Tech. Programme	OP	EWS	OBC	SC	ST	OP PWD	EWS PWD	OBC PWD	SC PWD	ST PWD	Total
Civil Engg.	Environmental Engg.	2	0	1	1	1	0	0	0	0	0	5
	Geotechnical Engg.	2	0	1	1	0	0	1	0	0	0	5
	Structural Engg.	2	1	1	1	0	0	0	0	0	0	5
	Transportation Engg.	2	0	1	0	0	0	0	0	1	1	5

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	Water Resources Engg.*	2	0	1	0	1	0	0	1	0	0	5
Computer Engg.	Computer Engg.	2	1	1	1	0	0	0	0	0	0	5
	Cyber Security	2	1	1	1	0	0	0	0	0	0	5
Electrical Engg.	Control System	2	0	2	1	0	0	0	0	0	0	5
	Power Electronics & Drives	2	1	1	0	1	0	0	0	0	0	5
	Power System	2	0	2	0	1	0	0	0	0	0	5
ECE	Communication Systems	2	1	1	1	0	0	0	0	0	0	5
Mechanical Engg.	Production & Industrial Engg.	2	0	2	0	1	0	0	0	0	0	5
	Machine Design	2	0	1	1	0	1	0	0	0	0	5
	Thermal Engineering	2	1	1	1	0	0	0	0	0	0	5
Physics	Instrumentation	2	0	2	1	0	0	0	0	0	0	5
	Nanomaterials & Nanotechnology	1	1	2	1	0	0	0	0	0	0	5
School of Renewable Energy & Efficiency	Renewable Energy Systems*	2	0	2	0	1	0	0	0	0	0	5
School of VLSI Design & Embedded System	Embedded System Design (EE/ME)	2	1	1	1	0	0	0	0	0	0	5
	VLSI Design	2	1	1	1	0	0	0	0	0	0	5
GRAND TOTAL		37	9	25	13	6	1	1	1	1	1	95

Institute scholarship shall be available to only GATE qualified candidates at the time of admission, taking admission as non-sponsored candidates with GATE score above cut off in respective GATE paper.

Under DASA/MEA/ICCR Category

The seat matrix for this category is given in Table 3.

Table 3: Seat Matrix for admission to PG programmes (2022-23)

Sr. No.	Department Name	Programme Name	DASA			MEA	MEA (NSS)	ICCR	SII (TUITION FEE WAIVER %)					Total Seats Reserved
			CIWG	NON-CIWG	TOTAL				0%	25%	50%	100%	TOTAL	
1	Civil Engineering Department	Environmental Engineering	0	1	1	1	1	1	1	-	-	-	1	5
2		Geotechnical Engineering	0	1	1	1	-	1	1	-	-	-	1	4
3		Structural Engineering	0	1	1	1	-	1	1	-	-	-	1	4
4		Transportational Engineering	0	1	1	1	-	1	1	-	-	-	1	4
5		Water Resources Engineering	0	1	1	1	-	1	1	-	-	-	1	4

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6	Computer Engineering Department	Computer Engineering (Cyber Security)	0	1	1	1	-	1	1	-	-	-	1	4
7		Computer Engineering	0	1	1	1	1	1	1	-	-	-	1	5
8	Electronics & Communications Department	Communications Systems	0	1	1	1	1	1	1	-	-	-	1	5
9	Electrical Engineering Department	Control System	0	1	1	1	1	1	1	-	-	-	1	5
10		Power Electronics & Drives	0	1	1	1	-	1	1	-	-	-	1	4
11		Power System	0	1	1	1	-	1	1	-	-	-	1	4
12	Mechanical Engineering Department	Machine Design	0	1	1	1	-	1	1	-	-	-	1	4
13		Production & Industrial Engineering	0	1	1	1	-	1	1	-	-	-	1	4
14		Thermal Engineering	0	1	1	1	1	1	1	-	-	-	1	5
15	Physics	Instrumentation	0	1	1	1	-	1	-	-	-	-	0	3
16		Nanomaterials and Nanotechnology	0	1	1	1	-	1	-	-	-	-	0	3
17	School of Renewable Energy & Efficiency	Renewable Energy Systems	0	1	1	1	-	1	-	-	-	-	0	3
18	School of VLSI Design & Embedded Systems	Embedded System Design	0	1	1	1	-	1	-	-	-	-	0	3
19	Embedded Systems	VLSI Design	0	1	1	1	-	1	-	-	-	-	0	3
Total (M.Tech) (19 Programmes)			0	19	19	19	5	19	14	0	0	0	14	76
20	Department of Business Administration	MBA	-	1	1	1	1	1	-	-	-	-	0	4
21	Department of Computer Application	MCA	-	1	1	1	1	1	-	-	-	-	0	4
TOTAL (21 - PG Programmes) (2022)			0	21	21	21	7	21	14	0	0	0	14	84

NOTE NSS: Nepal Scholarship Scheme under Ministry of External Affairs

SSS: Syrian Scholarship Scheme under Ministry of External Affairs

MEA: Ministry of External Affairs Quota

DASA: Direct Admission of Student Abroad

SII: Study in India

ICCR: Indian Council for Cultural Relations

Master of Business Administration (MBA)

MBA Seat Matrix (2022-23)

Quota	OP	OP PWD	EWS	EWS PWD	OBC	OBC PWD	SC	SC PWD	ST	ST PWD	Total
Regular Seats	21	1	5	0	13	1	7	1	4	0	53

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(DASA/ICCR/MEA/MEA(NSS))

Sr. No.	DASA Seats	ICCR Seats	MEA Seats	MEA (NSS)
1	1	1	1	1

Sponsored Seats

Quota	OP	OP PWD	EWS	EWS PWD	OBC	OBC PWD	SC	SC PWD	ST	ST PWD	Total
Self-Finance (Sponsored) Seats	03	0	01	0	01	01	01	0	0	0	07

Master of Computer Applications (MCA)

MCA Seat Matrix (2022-23)

Cat.	OP	OP PWD	EWS	EWS PWD	OBC	OBC PWD	SC	SC PWD	ST	ST PWD	Total
Regular Seats	25	1	6	0	16	1	9	1	5	0	64
Self-Finance	12	1	3	0	8	1	5	0	2	0	32
Total											96



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ATTENDANCE, EVALUATION, EXAMINATION AND OTHER RULES

Credit-base System of Evaluation

The Institute is following credit-based system of continuous evaluation. The brief details of this system are given below:

1. Registration

- (a) Every student is required to register at the commencement of each semester on the dates fixed and notified by the Dean (Academic). The registration process is coordinated by the academic section of the Institute. Students have to submit the registration form (except in first semester) in their respective departments which is then forwarded to the academic section.
- (b) Only those students are permitted to register who have:
 - i) Cleared all fees and dues of the Institute, library and Hostel (if resident).
 - ii) Not been debarred from registering for a specified period on any ground by the competent authority.
 - iii) Qualified the condition as laid down under clause 3.2 of the UG Academic Regulations.

2. Credit Counts

All Courses have a credit count and teaching of subjects is reckoned in terms of credits. The number of credits of a course of are ordinary calculated as:

- (a) Lectures/Tutorials: One lecture per week is assigned ONE credit.
- (b) Practical's: One lab period per week is assigned HALF a credit.
- (c) Seminar/Colloquium/Group Discussion/Project: same as for practical

3. EVALUATION PROCESS

Based on the performance of a student in a course evaluated through class-work, two mid semester examinations and an end semester examination, a letter grade for that course for the semester is awarded to a student.

Further, since each letter grade awarded to the student indicates the level of performance in that course, it has an assigned Grade Point for the purpose of computing the Cumulative Grade Point Average (CGPA) as given below:

Marks obtained & Letter Grade	Performance	Grade Point
$85 \leq A+ \leq 100$	Excellent	10
$75 \leq A < 85$	Very Good	09
$65 \leq B < 75$	Good	08
$50 \leq C < 65$	Average	06
$40 \leq D < 50$	Pass	04
$0 \leq F < 40$	Re-appear	00

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Cumulative Grade Point Average (CGPA) is the weighted average of all the grades and computed as follow:

$$CGPA = \sum C_i G_i / \sum C_i$$

C_i denotes credits assigned to i^{th} course and G_i indicates the Grade point equivalent to the Letter Grade obtained by the student to the i^{th} course.

The Percentage of marks obtained by a student can be calculated as = CGPA multiplying by 9.00.

1. Evaluation System

CONTINUOUS EVALUATION SUB-COMPONENTS AND WEIGHTAGE

	SUB-COMPONENT	WEIGHTAGE %
(a)	Theory Papers	
1.	Two Class Tests	15+15=30
2.	Teacher's Assessment through viva-voce, Home Assignments, on the spot tests, Short quizzes etc.	10
3.	Class Attendance (L+T)*	10
4.	End Semester Examination	50
(b)	Practicals	
1.	Mid Semester Evaluation (to be conducted in regular Practical Classes)	30
2.	Teacher's Assessment through viva -voce, short quizzes, reports, Class work etc.	20
3.	Class Attendance*	10
4.	End Semester Examination	40
(c)	For Seminars, Projects, Training, Comprehensive viva and General Fitness evaluation, the weightage will be decided by Departmental Review/Academic Committees.	

*The maximum attendance for calculation of attendance component of sessional marks shall be 90% of the total classes held.

The criteria of minimum requirement of attendance for being eligible to appear in the end semester examinations and obtain minimum 'D' grade and earn the assigned credits as given below:

The Senate in its 30th meeting held on 6.6.2017 vide item no. 30.04 approved the proposal of criteria of minimum requirement of attendance for being eligible to appear in the end semester examinations as given below:

Minimum requirement of attendance for being eligible to appear in the end semester shall be 75%. However, this may be relaxed upto a maximum of 10% i.e. upto 65% by the Director. Those having attendance below 65% are not allowed to appear for the end-semester examination of that/those course (s) and shall be notified as 'Detained'. All such students, depending upon their attendance shall be further categorized into two categories A & B, as follows:

Category A: (Attendance between 50 % to 64.99 %) A student has two options

Option 1: To repeat the course through classroom/lab studies and obtain whatever grade he can obtain

Option 2: He/she is permitted to attend classes of the next semester and can appear for the mid-semester examinations of that/those course(s) when the opportunity is available. However, such student is restricted to a grade of 'D' only.

Category B: (Attendance below 50 %) Such students have to mandatorily repeat that/those course (s).

A Tabular presentation is given below:

Attendance	Course of Action
75% or more	Eligible to appear for the End- semester examination

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65% - 74.99%	Eligible to appear for the End- semester examination with the permission of the Director
50% - 64.99%	Detained Two options a) Repeat the course(s) through classroom / lab teaching b) To appear for mid-semester examination in that/those course(s) and settle for a maximum of 'D' grade
Below 50%	Detained To repeat classes



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HONOURS AND AWARDS

Undergraduate students of B.Tech. Degree Courses are eligible for a number of honours, awards, scholarships and other financial assistance; based on their academic performance, means, requirements etc. Chief among these are the award of medals to toppers in the various disciplines, citation of names on the Institute Roll of Honour, and the award for the Best All-Rounder. While the medals and the certificates of merit awarded are purely for academic achievements, the Best All-Rounder award is for a student who combines scholarship with sportsmanship and excellence in other extramural activities.

The students of B.Tech. who get the highest marks in a semester examination are awarded prizes in the form of technical books and Certificate. Out going final year students are awarded this amount in cash.

Institute Medals and Merit Certificates for Toppers

The students of B.Tech. Degree courses of various disciplines, who obtain the highest marks in the final year examination, pass all the semester examinations in the first attempt, are eligible for the award of these University and Merit certificate medals.

The names of the students who get the highest marks in the final year examinations of their respective disciplines, are cited on the institute Roll of Honours.

Best All-Rounder

B.Tech. students passing out of the institute can compete for this award which carries a certificate, a cash prize and citation of the name of the winner on the Roll of Honour. Students are selected on the basis of their performance in studies and extra-mural activities during the entire period of their stay in the Institute. Weightage is given to the achievements of a candidate in various fields of activity in accordance with the following distribution.

Eligibility Criteria:

1. The student should have obtained minimum of 7.0 CGPA in all the examinations of B.Tech. Program.
2. The student should have passed each examination in the first attempt of the B.Tech. Program.
3. The student should have achievements in all the activities and should be scoring non-zero points individually in each or the activities and sub-activities.
4. The students who have been awarded punishment for a major indiscipline would not be eligible for the consideration for the award.

Distribution of points in various categories:

A.	Curricular	40
B.	Co-curricular activities	
	1. Technical papers presentation, Research Projects/technical competitions etc.	10
C.	Extra-curricular activities	
	1. Club activities	15
	2. Sports Activities (including NCC)	15
	3. Socially Relevant Activities (events for the Under privileged/Blood Donation Camp/National Campaigns like Swachh Bharat Abhiyan, Unnat Bharat Abhiyan etc)	10
D.	Interview	10
	Total	100

Marks would be deducted from the above for cases involving indiscipline on the part of the applicants.

Criterion for the Best Sportsman

In order to award the best Sportsman Trophy, the candidates will be awarded marks as follows.

Inter-State (National Senior)	9 Marks
Inter-State (National Junior)	7 Marks
Inter-University	5 Marks
Inter-District (National Senior)	4 Marks
Inter-District (National Junior)	3 Marks

Three additional marks for any individual being declared best for any individual event in the state competition subject to the maximum of 6 marks.

Two additional marks per event for being declared best of any individual event in the university competition subject to the maximum of 4 marks.

One additional mark for being declared best in individual event in the Institute/ district competition subject to the maximum of 2 marks.

Three additional mark for the Captain University colour.

Provision also exists for a Second Best Sportsman award with a cash prize of Rs.200/- and a trophy.

Award for Technical Working Model

An award of Rs. 5000/- has been instituted from the year 1989-90 for the best technical working model of the year. All the students of the Institute are eligible to compete.

General Fitness and Professional Aptitude Marks

Students are encouraged to actively pursue sports, co-curricular activities and social service, to develop their personalities to the full. Their achievements in these fields are reflected in the marks achieved by them in Comprehensive Viva-Voce and General Fitness and Professional Aptitude examination. 75 marks have been allocated to Comprehensive Viva-Voce in the scheme of examination for B.Tech. Degree course. The distribution of these marks is as follow:

Academic achievements	-	15 marks
General Conduct	-	15 marks
Personality and Maturity	-	10 marks
Sports and co- curricular	-	10 marks
Professional skills including	-	25 marks
T& P, Major Project etc		

Marks proportional to the achievements of the students in various fields, shall be awarded to them by the Director at the time of the final comprehensive viva-voce examination at the end of the VIII Semester. Students claiming competitive excellence in any of the activities (Sports/ Clubs/ Magazine/ NSS/ NCC etc.) may apply to the Director for award of marks after having their claims verified by the respective teachers-in-charge of the activities in which excellence is claimed. A committee comprising the president clubs, president sports, staff claims of the students and recommends the award of marks to them.

The General Fitness and Professional Aptitude examination at the end of 8th semester is given by the Director.

Students who may have indulged in acts of indiscipline, or taken part in an undesirable activity during their stay in the Institute, will stand to lose marks for conduct in direct proportion to the severity of offence (s) committed by them.

No marks under this head (conduct) will be awarded to a student who has been rusticated from the institute.

Dr. R.P. Singh Silver Medal

Silver Medal in the memory of Late Dr. R.P. Singh, a former faculty member of Mech. Engg. Dept., is awarded to the toppers in 2nd and 3rd year Mechanical Engineering.

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Guru Harkrishan Educational Society, Chandigarh

The society has instituted a prize of Rs. 501/- for the overall topper of all the disciplines of B.Tech.. Degree courses.

Medals

Gold Medal along with a cash award of Rs. 5,000/- for the students who secure 1st position in the final examination in the above mentioned disciplines of NIT Kurukshetra.

Haryana State Electronics Development Corporation Ltd. Chandigarh

The corporation has instituted Harton Gold, Silver, and Bronze Medal, accompanied with merit certificates and cash prizes of Rs. 3000/-, Rs. 2000/-, and Rs. 1000/- respectively in the Institute in Haryana in the fields of Electronics/ Computers.

Shri Shyam Sunder Dhingra Medal

The ex-students of Elect. Engg. Branch of 1981-86 Batch have instituted a Medal, along with a cash prize of Rs. 5000/-, in the memory of Late Sh. Shyam Sunder Dhingra, a graduate of Elect. Engg. from this Institute, to be awarded to the top Ranker of B.Tech. Electrical Engineering branch with effect from the year 2003.

OPJEMS (O.P. Jindal Engineering and Management) Scholarships

In order to promote academic excellence, the Jindals have instituted a scholarship scheme, w.e.f. the year 2007, for selected meritorious students of each year of B.Tech., in fond memory of Late Shri O.P. Jindal. The Scholarship carries a cash amount of Rs. 80,000/- to each student plus medal for the respective year.

Manohar Award of Excellence from the year 2009-10

Two Alumni of the institute Mr. Ravinder Grover and Mr. Inderjit Grover of Batch 1976 have instituted an award consisting of a cash prize of Rs. 50,000/- plus one gold medal which is to be given to the overall topper of B.Tech. 1st year.



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SCHOLARSHIP/ FINANCIAL ASSISTANCE

RECK-66 ALUMINI SCHOLARSHIP

Alumni awarded RECK-66 scholarship to first four topper of 1st year based on JEE(Mains) rank.

Merit-Cum-Means and other Scholarships

84 (21 each year) Merit scholarships are awarded by the Institute (as per the conditions laid down) for each year of B.Tech. Degree courses. In addition to these, National Scholarships, Post-metric Scholarships, and many other stipends are awarded by various Government institutions and other agencies as per details given in the chart.

Any students receiving a merit Scholarship or stipend will not be permitted to receive any other scholarship/ stipend. In case he/she is in receipt of any other scholarship or stipend it must be surrendered and amounts received refunded before a merit scholarship or merit- cum- means scholarship can be claimed. Loans, or a single cash prize however, will not debar a student from eligibility for the merit scholarship, or Merit-Cum-Means Scholarship.

A scholarship which falls vacant due to any reason will be awarded to the next eligible candidate in order of merit.

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

For merit scholarship in the first year, the last date for application is 30th September for the year of admission. Application forms are available in the office of the Deputy Registrar (Academics)

Scholarships at Serial No. 3 to 6 of detailed chart

The number of scholarships is decided by the sanctioning authority from time to time. The period for these scholarships and loans is four years' subject to fulfillment of the conditions laid down by the sanctioning authority.

For Engineering Education Loan, Haryana, the applications are to be submitted to the Director, National Institute of Technology, Kurukshetra by 15th October. In all other cases, the last date will be as decided by the sanctioning authority.

Alumni Association Scholarship

The NITK Alumni Association awards 5 scholarships (One each in the disciplines of Civil, Computer, Electronics and Comm. Engg., Electrical, and Mechanical Engineering) of the value of the Rs. 2400/- per annum which is open to all regular B.Tech. students of the Institute.

Eligibility:

- i) The guardian/ parents financial supporter of the claimants is unable to support him/ her
- ii) All previous papers (both theory and practical) are clear.

Procedure for Applying:

The student should not be receiving any other Scholarships (Loan, prize not included).

The application for the grant of the scholarship, on the prescribed form A, should be accompanied with the following documents:

Attested copy of the Board/ University Degree certificate.

An affidavit by the parents/ guardian stating income from all the sources.

Duration/ Renewal

The duration of the scholarship is one year.

Payment

Payment of the scholarship will be in two installments. The first installment will be of the total amount starting from the month of August of the current year. The second installment will be released after the student furnishes

his odd semester examination result.

Alumni Association Medal for the Best All- Round Student of the Year

The Alumni association has instituted a medal for Best All-Rounder student of the year of the Institute. The best All-Rounder student will be the same as selected by the duly constituted board of the Institute for the purpose.

The selected candidate will be required to execute a bond agreeing to abide by the terms and the conditions stated above and to repay the scholarship amount already drawn, in case a gross indiscipline case is instituted against him/ her.

In all matters, the decision of the President, NITK Alumni Association shall be final.

For all Scholarship/ Loans

A student must abide by all the rules and regulations of the Institute. Any misconduct on his / her part may result in cancellation of the scholarship, in part, or in whole, temporarily, or permanently.

For unauthorized absence from classes for 3 days or more, a student shall be debarred for the whole semester from the benefits of scholarships and/ or other pecuniary advantages including loans.

In addition to the above scholarships and loans, other scholarship/ stipends and financial assistance may also be available from time to time. For details, consult the Dean (Academic).



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INSTITUTE MERIT, MERIT-CUM-MEANS & OTHER SCHOLARSHIPS, FINANCIAL ASSISTANCE Etc.

Sr. No., Name	Number	Period	Value	Eligibility Conditions	Basis of award
1. Merit Scholarship	21, each academic year in 2 nd , 3 rd and 4 th awarded in each discipline separately, i.e. three in each of the 7 Branches	One year	₹ 3000/- Per Student Per year	First class or 60 percent or more marks in one attempt in the qualifying examination for admission For Subsequent Years	Marks secured in the first semester examination For Subsequent Years
2. Merit-cum- Means Scholarship	first Academic Year only	semester examinations in each year, provided that if a student fails in any subject in a semester examination, his marks in the next immediate examination will be included in the aggregate		60% or marks in the aggregate in the qualifying examination	Marks Secured in The aggregate in the two Semester Examination In the Previous year. Marks secured in the first Semester Examination The DPI of the State from Which the student has Passed the
3. National Scholarship	-	-	₹ 300/- Per month for boarders, and ₹ 120/- per month for day scholarship	60% or marks in the aggregate in the qualifying examination	Result of the Examination which the student has passed as the qualifying examination
4. Post Matric scheduled caste/ Tribe Scholarship	-	-	₹ 740/- per Month for Boarders And ₹ 330/- per month For Day Scholars (male) Students with full exemptions	A scheduled caste/tribe candidate who have passed the qualifying or higher	The DPI of the state from Which the Student has Passed the Qualifying examination

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6.	Sh. Shyam Sunder Dhingra Medal & scholarship			Rs. 5000/-	Topper students of Engg. Branch	
7.	Manohar Award of Excellence	Topper of 1 st year (one)		Rs. 50000/- + Certificate	Topper of 1 st year	B.Tech. 1 st Year

Scholarship for M.Tech. Students

A Scholarship of the value of Rs. 12400/- p.m. per student will be awarded to all the eligible GATE qualified students pursuing a regular course of study of M.Tech.

Only those candidates who have qualified the GATE will be eligible for the award of the scholarships.

Scholarship for Ph.D. Students (Institute Scholarship)

Sr. No.	Qualifying Degree (As per Ph.D. Ordinance)	Existing emoluments rates per month
1.	Institute Scholarship (Equivalent to JRF)	31000/-
	Institute Scholarship (Equivalent to SRF)	35000/-

How many types of Scholarship are being awarded in the institute?

Sr. No.	Name of Scholarship	Awarding Agency	Amt. (Rs.)	Ceiling of Parent income p.a
1	Post Matric SC/ST	Haryana Social Justice & Empowerment Deptt. Chandigarh through DWO, KKR	Rs. 740.00 for hostler & Rs. 330 for day scholar + other allowance	Rs. 2.00 Lacs for SC/ST & Rs. 1.00 Lac for BC
2	Post Matric (Other States) SC/ST	Other States Ministry of Social Justice & Empowerment Deptt. Through DWO	Rs. 740.00 for hostler & Rs. 330 for day scholar + other allowance	Rs. 2.00 Lacs for SC/ST & Rs. 1.00 Lac for BC
3	Merit Scholarship (B.Tech.)	Institute	Rs. 3000/- p.a + Merit Certificate	On Merit basis Calculated SGPA
4	Central SC scholarship for top 10 students on Merit basis of JEE Mains rank for 1 st year students	Ministry of Social Justice & Empowerment, GOI, New Delhi	100% assistance like as T.E + Living Exp. + Books + Computer	Rs. 4.5 Lacs per annum
5	NSP Top Class Scholarship for ST Students.	Ministry of Tribal Affairs, GOI, New Delhi	100% assistance like as T.E + Living Exp. + Books + Computer	Rs. 4.5 Lacs per annum

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6	Physical Disabilities Scholarship	UGC, National Handicapped Finance and Dev. Corp. Ltd. (Ministry of Social Justice & Empowerment, GOI, New Delhi	T.F. + Maintenance Allowance Rs. 2500/- p.m + 6000/- p.m for stationary for 10 months in a academic year	Rs. 6.00 Lacs per annum.
7	Merit scholarship for UG students for every year to our students	OP Jindal Engg. & Management (OPJEMS)	Rs. 80000/- cash, Medal + Certificate	No Ceiling
8	Scholarship for all categories for UG & PG students	Indian Oil Corporation Ltd. GOI Entp.	Rs. 36000/- cash, Medal + Certificate	No Ceiling
9	Minority Community Scholarship (Merit-cum-Means Based Scholarship)	Ministry of Minority Affairs, GOI	100% assistance	No Ceiling
10	Post Matric OBC/BC	Haryana Social Justice & Empowerment Deptt. Chandigarh through DWO KKR	Rs. 740.00 for Hostler & Rs. 330 for day scholar + other allowance	Parental Income per annum is Rs. 1.00 Lac.
11	ONGC, Scholarship under Industry-Academia Interface (02 topper students)	Oil and Natural Gas Corporation Ltd., Dehradun	Rs. 48,000/- p.a for Mech. & E. Engg. (1 st rank in 3 rd year) 60% minimum marks	Ceiling 4.5 Lac.
12	Meritorious SC/ST Students Scholarship by EIL	Engineers India Ltd.	Financial help Rs. 36000 per annual	Ceiling 3 Lac. max.

Despite of the above scholarship, the other individual award are bidding awarded by the different individual memorial personality are given as under:

- Shyam Sunder Dhingra Award - To Overall Topper
One Medal + Certificate + Cash Prize of Rs. 5000/-
- R.P. Singh Medal - 2nd & 3rd year Topper of Mechanical Engg.
One Medal + Certificate
- Manohar Award of Excellence - Topper of 1st Year
Certificate + Cheque of Rs. 50,000/-

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FEES AND EXPENSES

Fee structure for B.Tech.students admitting in academic session 2022-23
B.Tech.(Academic Year 2022-23)

<i>Particulars of Fees (Rs.)</i>	<i>1st Sem (Greater than 5 lakh)</i>	<i>1st Sem (Between 1 to 5 Lakh)</i>	<i>1st Sem (Below 1 lakh and all SC/ST and PWD)</i>
TuitionFee(persem)	62500	20833	0
Student Activity Fee (per sem.)	3100	3100	3100
Instt.Dev.Fund(per sem)	3100	3100	3100
Skill Dev. & Edu.Tour(per sem)	800	800	800
Examinational Fee (per sem)	1400	1400	1400
Medical Insurance(per year)	800	800	800
Alumni Fee(one time)	1400	1400	1400
Student Welfare Fund (One Time)	700	700	700
Admission/RegnFee (One Time)	1400	1400	1400
Watch & Ward/Tpt. Exps (One Time)	5000	5000	5000
Convocation (One Time)	2200	2200	2200
Library (One Time)	700	700	700
Institute Security (Refundable One Time)	6400	6400	6400
Library Security (Refundable : One Time)	1400	1400	1400
Hostel Room rent (per sem)			
Triple Seater Room	4400	4400	4400
Double Seater Rom	6000	6000	6000
Single Seater Room	7700	7700	7700
Electricity Charges: Hostel (Actual Basis Rec. in advance)			
Elect.Charges (Triple/Double Seater)			
Elect.Charges (Single Seater)			
Total Fee			
Day Scholar (Non Hostler)	95300	53633	32800
Hostler (Triple Seater)	95300	53633	32800
Hostler (Double Seater)	96900	55233	34400
Hostler (Single Seater)	98600	56933	36100

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Fee structure for M.Tech. students (Academic Year 2022-23)

Particulars of Fees (Rs.)	1st Sem (General/OBC/PWD)	1st Sem (SC/ST)
Tuition Fee (per sem.)	35000	0
Student Activity Fee (per sem.)	3100	3100
Instt. Dev. Fund (per sem)	3100	3100
Skill Dev. & Edu. Tour (per sem)	800	800
Examinational Fee (per sem)	1400	1400
Medical Insurance (per year)	800	800
Alumni Fee (one time)	1400	1400
Student Welfare Fund (one time)	700	700
Admission/Regn. Fee (One Time)	1400	1400
Watch & Ward /Tpt. Exps (one time)	5000	5000
Convocation (OneTime)	2200	2200
Library (OneTime)	700	700
Institute Security (Refundable one time)	6400	6400
Library Security (Refundable:One Time)	1400	1400
Hostel Room rent (per sem)		
Triple Seater Room	4400	4400
Double Seater Room	6000	6000
Single Seater Room	7700	7700
Electricity Charges :Hostel(Actual Basis Rec. in advance)		
Elect.Charges (Triple/Double Seater)		
Elect.Charges (Single Seater)		
Total Fee		
Day Scholar (Non Hostler)	71100	36100
Hostler (Triple Seater)	67800	32800
Hostler (Double Seater)	69400	34400
Hostler (Single Seater)	71100	36100

Fee structure for MBA students (Academic Year 2022-23)

Particulars of Fees (Rs.)	1st Sem
Tuition Fee (per sem.)	35000
Student Activity Fee (per sem.)	3100
Instt. Dev. Fund (per sem)	3100
Skill Dev. & Edu. Tour (per sem)	800
Examinational Fee (per sem)	1400
Medical Insurance (per year)	800
Alumni Fee (one time)	1400

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Student Welfare Fund (one time)	700
Admission/Regn. Fee (One Time)	1400
Watch & Ward /Tpt. Exps (one time)	5000
Convocation (OneTime)	2200
Library (OneTime)	700
Institute Security (RefundableOne Time)	6400
Library Security (Refundable:One Time)	1400
Hostel Room rent (per sem)	
Triple Seater Room	4400
Double Seater Room	6000
Single Seater Room	7700
Electricity Charges :Hostel (Actual Basis Rec. in advance)	
Elect.Charges (Triple/Double Seater)	
Elect.Charges (Single Seater)	
Total Fee	
Day Scholar (Non Hostler)	71100
Hostler (Triple Seater)	67800
Hostler (Double Seater)	69400
Hostler (Single Seater)	71100

Fee structure for MCA students (Academic Year 2022-23)

ParticularsofFees(Rs.)	1stSem (Regular)	1st Sem (Self Finance)
Tuition Fee (per sem.)	35000	100000
Student Activity Fee (per sem.)	3100	3100
Instt. Dev. Fund (per sem)	3100	3100
Skill Dev. & Edu. Tour (per sem)	800	800
Examinational Fee (per sem)	1400	1400
Medical Insurance (per year)	800	800
Alumni Fee (one time)	1400	1400
Student Welfare Fund (one time)	700	700
Admission/Regn. Fee (One Time)	1400	1400
Watch & Ward /Tpt. Exps (one time)	5000	5000
Convocation (OneTime)	2200	2200
Library (OneTime)	700	700
Institute Security(Refundable One Time)	6400	6400
Library Security (Refundable: One Time)	1400	1400
Hostel Room rent (per sem)		
Triple Seater Room	4400	4400

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Double Seater Room	6000	6000
Single Seater Room	7700	7700
Electricity Charges :Hostel(Actual Basis Rec. in advance)		
Elect.Charges (Triple/Double Seater)		
Elect.Charges (Single Seater)		
Total Fee		
Day Scholar (Non Hostler)	71100	136100
Hostler (Triple Seater)	67800	132800
Hostler (Double Seater)	69400	134400
Hostler (Single Seater)	71100	136100

The detail of fees of Ph.D. (full time) and Ph.D. (part time)
students for odd semester 2022-23
is as under :

Particulars of Fee (Rs.)	Ph.D. Full Time	Ph.D. Part Time
<i>Tuition Fee (per sem)</i>	10000	10000
<i>Student Activity Fee (per sem.)</i>	3100	3100
<i>Instt. Dev. Fund (per sem)</i>	3100	3100
<i>Skill Dev. & Edu. Tour (per sem)</i>	800	800
<i>Examination Fee (per sem)</i>	1400	1400
<i>Medical Insurance (per year)</i>	1000	0
<i>Alumni Fee (one time)</i>	1400	1400
<i>Student Welfare Fund (One time)</i>	700	700
<i>Admission/Regn. Fee (One Time)</i>	1400	1400
<i>Watch & Ward / Tpt. Exps (One Time)</i>	5000	5000
<i>Convocation (One time)</i>	2200	2200
<i>Library Fee (One time)</i>	700	700
<i>Institute Security (Refundable: one time)</i>	6400	6400
<i>Library Security (Refundable: one time)</i>	1400	1400
Total Semester Fee Rs.	38600	37600

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Scholarship for Ph.D. Students

Sr. No.	Qualifying Degree	Existing emolument rates per month w.e.f January, 2019
1	Graduate Degree in Professional Course (BE/B.Tech or Equivalent) and GATE or equivalent OR Post Graduate Degree in Basic Sciences (M.Sc. Or Equivalent and NET qualified)	1 st & 2 nd Year Rs. 31,000 /- Upto 5 th year Rs. 35,000 /-



DEPARTMENT OF CIVIL ENGINEERING

Head of Department

- | | | |
|----|----------------|------|
| 1. | Dr. K.K. Singh | Ph.D |
|----|----------------|------|

Professor

- | | | |
|-----|---------------------------------|------|
| 1. | Dr. Baldev Setia(On Lien) | Ph.D |
| 2. | Dr. S.K. Madan | Ph.D |
| 3. | Dr. H.K. Sharma | Ph.D |
| 4. | Dr. S.N.Sachdeva(On Deputation) | Ph.D |
| 5. | Dr. K.K. Singh | Ph.D |
| 6. | Dr. S.M. Gupta | Ph.D |
| 7. | Dr. Arun Goel | Ph.D |
| 8. | Dr. S.K. Patidar | Ph.D |
| 9. | Dr. Ashwani Jain | Ph.D |
| 10. | Dr. Mahesh Pal | Ph.D |
| 11. | Dr. SurinderDeswal | Ph.D |
| 12. | Dr. V.P. Singh | Ph.D |
| 13. | Dr. Praveen Aggarwal | Ph.D |
| 14. | Dr. Saraswati Setia | Ph.D |
| 15. | Dr. Paratibha Aggarwal | Ph.D |

Associate Professor

- | | | |
|-----|------------------|------|
| 16. | Dr. N.K. Tiwari | Ph.D |
| 17. | Dr. Babita Saini | Ph.D |

Assistant Professor

- | | | |
|-----|----------------------------|------|
| 18. | Dr. Yogesh Aggarwal | Ph.D |
| 19. | Dr. H.D. Chalak | Ph.D |
| 20. | Dr. Ajay Krishna Prabhakar | Ph.D |

BRIEF PROFILE

The Department of Civil Engineering of National Institute of Technology, Kurukshetra (Formerly Regional Engineering College, Haryana) started functioning from the year 1963, when the first batch of students were admitted to the five-year B Sc. Engineering Degree Course. In 1966, M Sc. Engineering Degree Courses in the specializations of Structural Engineering and Constructional Techniques; and Soil Mechanics and Foundation Engineering were started. The first registration for the degree of Doctor of Philosophy in Civil Engineering was done in 1967.

The Institute switched over to four-year B Tech Degree Programme from 1985. The M Sc Engineering programs were also renamed as M Tech programs. In 1989, M Tech degree course in Water Resources Engineering was started.

Three Year Special Degree Course, "Bachelor of Engineering" for In-Service field engineers holding Diploma in Engineering was introduced from the session 1982-83. The course was fully funded by Govt. of Haryana. The Govt. of Haryana has discontinued this course w.e.f 2001-02.

Master of Technology in the specializations, Transportation Engineering and Environmental Engineering were started from year 2005.

VISION AND MISSION OF THE DEPARTMENT

VISION

To impart state-of-the-art Civil engineering education and research responsive to global challenges.

MISSION

1. To impart quality Civil Engineering Education that develops innovative professionals and entrepreneurs.
2. To undertake research that generates cutting-edge technologies and futuristic knowledge, focusing on the socio-economic needs.
3. To prepare professionals with emphasis on leadership, team work and ethical conduct.

ACADEMIC PROGRAMES

Title of Programme	Field of Specialization	Full Time/ Part Time	Duration	Sanctioned Strength	Year of Starting
B.Tech (UG)	Civil Engineering	Full Time	4yrs	195	1963
M.Tech. (P.G)	Structural Engineering	Full Time	2yrs	24	1966
	Geotechnical Engineering	Full Time	2yrs	23	1966
	Water Resource Engineering	Full Time	2yrs	21	1989
	Transportation Engineering	Full Time	2yrs	23	2005
	Environmental Engineering	Full Time	2yrs	26	2005
Ph.D (Research PG)	In all M.Tech. Specialization	Full Time and Part Time	–	-	1967

R & D FACILITIES

STRUCTURAL ENGINEERING

Laboratory Testing

- 3000kN capacity compression testing machine
- 1000kN capacity universal testing machine
- Test frame of 600kN capacity, Load cells
- Testing of Building Materials

Computational facilities

- ANSYS 18.0
- STAAD Pro & STAAD Foundation Advanced
- SAP 2000 Ultimate V-2016
- ETAB Ultimate V-19
- MSC DIGIMAT

Instrumentation

- Strain measuring device, data acquisition systems, transducers, accelerometers and Non destructive testing equipments

Field Testing

- Non-destructive testing of civil engineering structures

GEOTECHNICAL ENGINEERING

Field Testing

- Boring and representative / undisturbed sampling
- Standard penetration test
- Static cone penetration test, Plate load test

Instrumentation

- Velocity pickups
- Wave velocity meters

Laboratory Testing

- Multi unit consolidation testing device
- Motorised direct shear testing device
- Liquefaction studies
- Test tanks for testing of foundations with different water table levels
- Facilities for testing of rigid, flexible and reinforced earth retaining walls footings
- Core drilling, cutting and polishing of rocks
- High pressure triaxial testing machine with confining pressure upto 70 MPa
- Rock permeability test
- Brazilian tensile strength test
- Brazilian tensile strength test
- Point load strength index of rocks

Computational facilities

- PLAXIS 2D

- PLAXIS 3D

ENVIRONMENTAL ENGINEERING

Field Testing/ Laboratory Testing

- Ambient air monitoring, Indoor air monitoring
- Stack monitoring
- Testing of water for drinking, construction and other uses, Industrial effluent testing
- Water quality monitoring of water resources
- Monitoring of water and waste water treatment plants

Instrumentation

- Atomic Absorption Spectrophotometer (AAS)
- Ion Analyzer, gas chromatograph
- Noise Meter, stack monitoring kit
- High volume samplers
- UV-Visible spectrometer
- Automated continuous flow analyser

TRANSPORTATION ENGINEERING

Field Testing

- Field testing / core cutting, plate load test
- Benkelman beam deflection test
- Traffic surveys

Laboratory Testing

- Testing of Materials of Rigid & Flexible pavements
- Computerised driver aptitude testing (C-Dat)
- Audio visual system for traffic analysis

Computational facilities

- MX ROAD SUITE

WATER RESOURCE ENGINEERING

Field Testing

- Discharge measurement in rivers and canals
- Testing of Pipes Capacity, testing of Pumps

Computational facilities

- MIKE SHE & URBAN +
- MIKE HYDRO BASIN
- MIKE FLOOD

Instrumentation

- Water level and bed level recorders, sediment sampler
- 15mm, 25mm propeller current meter

Laboratory Testing

- Calibration of various discharge measuring equipments

- Tilting flumes, non tilting flumes, wind tunnel
- Larger open space for construction of outdoor river and hydraulic models with Rectangular and Trapezoidal channels.

CURRENT AREAS OF RESEARCH

Structural Engineering

- High performance, Fiber Reinforced and Self-Compacting Concrete
- Fuzzy logic applications
- Micro structure analysis and application of Nano technology
- Reliability studies of structures
- Analysis & Design aspects of Earthquake resistant RCC Structures

Geotechnical Engineering

- Landslide analysis and control
- Ground Improvement
- Pile Foundation
- Geo Environmental Engineering
- Liquefaction of Soils

Environmental Engineering

- Heavy metal removal, anaerobic treatment of waste water
- Nutrient requirement of high rate anaerobic treatment systems, bioremediation of contaminants
- Fate and transport of contaminates in natural systems
- Developments of jet aerators, air pollution modelling
- Biosorption of heavy metals by algal species
- Nutrient removal and eutrophication control

Transportation Engineering

- Pavement analysis, design and evaluation
- Reinforced flexible pavement
- Capacity analysis of roads
- Rural road network planning and design
- Road safety, accident analysis and modelling
- Recycled /waste materials in road construction

Water Resource Engineering

- Mathematical modelling of river processes
- Rational design of hydraulic structures stilling basins
- Fundamental aspects of clear water and sediment laden water flows in channels
- Flood forecasting, energy dissipations
- GIS and remote sensing applications
- Groundwater hydrology & recharge
- Scour around bridge piers & abutments
- Ground water quality analysis, hydrology modelling
- Development of aeration devices

MAJOR FIELDS OF CONSULTANCY

The department has provided consultancy in the field of Civil Engineering listed below in the tune of Eight crore in last three years.

Structural Engineering

- Structural design of residential, office , industrial and commercial buildings
- Retrofitting of structures
- Structural design of water tanks and reservoirs
- Design of concrete mixes
- Structural design of water retaining structures
- Proof checking of structural design of different types of structures for Central Govt., State Govt. Deptts., PSUs, and private organizations
- Third Party Inspection of ongoing Projects.

Geotechnical Engineering

- An assignment from Terminal Ballistics Research Lab of DRDO for Rail Track Rocket Sled (RTRS), National Test Facility for dynamic testing of armament, sub systems of missiles and eject-able components at supersonic speed with the idea of augmentation of this facility to carry heavier pay loads & attain velocities of the order of 3.0 Mach.
- An assignment from RITES in the capacity as Geotechnical expert for Project Management Consultancy for project TERA at RITES facility at TBRL Range, Ramgarh.
- Geotechnical investigation of various types of Bridges and Buildings.

Environmental Engineering

- Domestic and industrial effluent testing
- Testing water quality for industrial, construction and other uses
- Design and vetting of treatment plant

Transportation Engineering

- design of overlays for roads
- design of bituminous mixes for resurfing of roads
- design of new pavement of new roads
- testing of road materials
- technical scrutiny of PMGSY projects of Haryana

Water Resources Engineering

- Design of causeways and small drains
- Design of Drainage system
- Design of embankment

Consultancy worth of **Rs. 8 crore** has been done during last three years.

Sponsoring Agencies

- | | | |
|-----------------------------------|---------------------------|--------------------|
| • PWD | • DRDOs | • NTPC |
| • HUDA | • RITES | • MES |
| • CPWD | • L&T | • HVPNL and others |
| • Northern Railways | • DDA | |
| • Power Grid Cooperation of India | • Indian Oil Co-operation | |

Total Amount of consultancy for each year = > Rs. 1.00 crore

DEPARTMENT OF COMPUTER ENGINEERING

Head of Department

Dr. Awadhesh Kumar Singh	PhD
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Professors

Dr. Mayank Dave	PhD
Dr. Jitender Kumar Chhabra	PhD
Dr. Awadhesh Kumar Singh	PhD
Dr. Sanjay Kumar Jain	PhD
Dr. Rajesh Kumar Aggarwal	PhD

Assistant Professors

Dr. Priyanka Ahlawat	PhD
Dr. Mohit Dua	PhD
Dr. Ritu Garg	PhD
Dr. Virender Ranga (on lien)	PhD
Dr. Mantosh Biswas (on Lien)	PhD
Dr. Vikram Singh	PhD
Dr. Mahendra Kumar Murmu	PhD
Dr. Vijay Verma	PhD
Dr. Ankit Kumar Jain	PhD
Dr. Anoop Kumar Patel	PhD
Dr. Santosh Kumar	PhD
Dr. Kriti Bhushan	PhD
Dr. Bharati Sinha	PhD

B.Tech. Programmes

The department started offering B.Tech. Computer Engineering programme in 1987 with an intake of 30 students. However, the present intake is 92. The department has also started B.Tech programme in Information Technology (IT) in 2006 with present intake of 92 students. 100% eligible students are placed through campus placements. Our students are employed in various big shot and reputed IT companies like Google-USA, Amazon, Adobe, Flipkart, Microsoft, CodeNations, IBM, Zomato, DRDO, Cisco, Yahoo, CDOT, Makemytrip, Oracle, Philips, MAQ, HP, Samsung, Nomura, SAP Labs, Drishti Software, ST-Microelectronics, Cap-Gemini, Ericsson, Aricent, Amdocs, Impeutus, Snapdeal, etc. Students of the department have an official technical society called Techno byte, which organizes several technical and academic programmes round the year for the students.

M.Tech. Programmes

M.Tech. in Computer Engineering (Part-Time) was introduced in 1996 for sponsored candidates of NIT Kurukshetra (then R.E.C.K). Full time M.Tech programme in Computer Engineering was introduced in 2009 with present intake of 31 seats with additional 5 seats for sponsored candidates from industries/institutes. Another M.Tech programme with specialization in Cyber Security was

introduced from the session 2015-16 with present intake of 25 seats. Almost all of the interested students get placed in reputed IT companies like MAQ, Dell, Amdocs, Royal Bank of Scotland, Oracle, Wipro, Nokia, Reliance Jio, etc. M.Tech students also get internship offers in the 2nd year from reputed IT companies like Oracle, Dell, KPIT, Toshiba, Media Tech, Intel, Mentor Graphics, Stryker, etc.

Doctoral Programme

The following research areas are offered in the Department leading to Doctor of Philosophy (PhD) degree in Computer Engineering.

- Computer Networks
- Internet of Things
- Software Defined Networking
- Wireless Sensor Networks
- Mobile Computing
- Cloud Computing
- Information Security
- Cyber Security
- Web Security
- Cloud Security
- Internet of Things Security
- Ad-hoc Network Security
- WSN Security
- Security in Pervasive Computers
- Key Management in WSN
- Online Social Networks
- Image Processing
- Signal Processing
- Information Retrieval
- Data Mining
- Data Analytics
- Pattern Recognition
- Soft Computing
- Biometrics
- Machine Learning
- Affective Computing
- Software Engineering
- Deep Learning
- Internet of Robotics of Things
- Applications of Artificial Intelligence in Healthcare systems

Hardware Facilities:

Super Computer/ High Performance Computing:

DEEP LEARNING (DL):

RAM: 96 GB EEC DDR3; HARD Drive: 16 TB; Processor: Dual socket Intel Xeon E5-2600, 14 Cores, 2.6 GHz Clock speed; Accelerator: Slot 2x16 PCI-E Gen3 slots for GPU; Graphic Card: Nvidia P5000; Drivers: CUDA; OS: Ubuntu.

High Performance Computing (HPC):

RAM: 96 GB EEC DDR3; HARD Drive: 16 TB; Processor: Dual socket Intel Xeon E5-2600, 14 Cores, 2.6 GHz Clock speed; Accelerator: Slot 2x16 PCI-E Gen3 slots for GPU; Graphic Card: Nvidia GP100; Drivers: CUDA; OS: CentOS.

Computers:

Servers/Workstations:

- Intel Xeon Rack based (Dell R 730) 02 Nos.

Desktop Computers:

- Intel i7 processor based 300 Nos.
- Intel i7 processor based with Graphics 15 Nos.
- Intel i5 processor based 25 Nos.
- Intel i3 processor based 25 Nos.

Total: 365 Nos.

Photocopier / Network Printers: 03 Nos.

- Konica Minolta bizhub C 300i
- Konica Minolta bizhub 363
- Kyocera TasKalfa 3011i

Laboratory Facilities:

We have excellent computational facilities available for academic and research purpose. The department has its own intranet connected to the campus wide LAN. The department intranet supports several servers based on Windows 2008, Windows 2003 and Linux servers. All servers are networked through switches, and about 350 nodes are connected to these servers. The department has printing and scanning facilities available to the students and staff members.

Major Laboratories:

- Application and Systems Software Lab
- Computer Networks Lab
- Project Lab
- Software Engineering Lab
- Speech and Image Processing Lab
- Cyber Security Lab
- Data Science and Machine Learning Lab
- Database System and Cloud Computing Lab

Computational Facilities:

Excellent computational facilities are available for academic and research purposes. The department has its own intranet since 1994 and is connected to the campus wide LAN. The department intranet supports about 10 servers based on Windows and Linux servers which are networked through switches and about 350 nodes are connected to these servers. The department has good quality printing and scanning facilities available to the students and staff members. There are eight laboratories for UG/PG/PhD in the department. Students work on tools, compilers, web authoring tools, DBMS, rational suite enterprise, Network Simulation Tools like NetSim, Qualnet, Image Processing Software and Cloud Computing software 'Aneka', etc.

Research Activities & Specializations

Faculty of the department has specialized areas for advanced studies and research in Distributed Computing, Software Engineering, Computer Networks, Database and Data Mining, Natural Language Processing, Information and Cyber Security, Image Processing. Faculty has published research papers in very high impact factor journals such as IEEE Transactions on Computers, IEEE Sensor Wireless Personal Communications (Springer), International Journal of Speech Technology (Springer), International Journal of Network Management (Wiley), Journal of Supercomputing (Springer), etc. Journal Engineering Applications of AI (Elsevier), Journal of Computational Science (Elsevier), Faculty members are also empaneled as reviewers on several prestigious research journals of repute.

Student Achievements

A large number of students participate in different activities such as programming contests outside the institute such as Microsoft Imagine Cup, ACM International Collegiate Programming Contest (ACM-ICPC), IBM's The Great Mind Challenge (TGMC) and have represented the institute up to final rounds of challenge. Students also represent institute in technical paper presentations. Students of the department also perform higher studies at the institutes of higher learning in India and abroad. During last four years, approximately 15-20 students are selected for Summer Internship programmes of Microsoft, Amazon, and Adobe etc. Most of them are being offered placement in the respective company subsequently.

Placements

Following is the list of some well reputed companies where our students are got placed in the final year of their B.Tech programme (Computer Engineering and Information Technology):

Sr. No.	NAME OF COMPANY	Sr. No.	NAME OF COMPANY
1.	Amazon	10.	Flipkart
2.	Microsoft	11.	Seimens
3.	Nutanix	12.	Supertech
4.	Meesho	13.	Saplab
5.	Udaan	14.	Goldmansachs
6.	Gameskraft	15.	PharmEasy
7.	Google	16.	Wells Cargo
8.	Intuit Technologies	17.	Toppr
9.	Urban Company	18.	Lowes Services
10.	MakeMyTrip	19.	NXP Semiconductor
11.	Oracle	20.	Paytm

Handbook of Information

List of Staff Members of Department of Computer Engineering

Sr. No.	Name	Designation
1.	Sh. Sanjeev Kumar	Senior Technical Officer
2.	Mr. Sunil Yadav	Technical Assistant
3.	Smt. Poli Devi	Assistant, SG-II
4.	Sh. Pawan Kumar	Office Assistant
5.	Sh. Rajesh Sharma	Senior Office Attendant

PhD. Completed and in Progress

Fifty (50) candidates have been awarded their PhD from the Department and Thirty Seven (37) are doing PhD in various emerging areas.

Research Collaborations

A. Sponsored Research Projects:

1. Prof. Mayank Dave, Co-Principal Investigator of project titled "Information Security Education and Awareness (ISEA) Project Phase-II", Funded by DeitY, Ministry of Electronics and Information Technology (MeitY), Govt. of India, Rs. 40 Lakhs (approx.) for the period from 19.03.2014 (8 years).
2. List of students who have completed PhD in Visvesvaraya PhD Scheme for Electronics and IT (under MeitY, Government of India):
 - Ms. Ashpreet Kaur
 - Ms. Mamta
 - Ms. Kavita Sharma
 - Mr. Somya Ranjan Sahoo
 - Ms. Sakshi Chhabra (MCA)
 - Ms. Aakanksha Tiwari
 - Mr. Jitender Kumar (MCA)

B. Memorandum of Understandings (MoUs) with Industry

1. With CDAC Pune for High Performance Computing facility. This initiative is expected to create HPC aware skilled workforce (capability building) and for promoting research by integrating leading edge emerging technologies at grass root level. Installation of supercomputer PARAM SHAVAK Yuva-2 is under process. This system consists of 2 multicore CPUs each with minimum of 12 cores along with two accelerator cards. It has 3 Tera-Flops peak computing power with 16 TB of storage.
2. With Conserve InfoTech Private Limited, Jaipur to promote academia & industry cooperation for the students of Computer Engineering & Information Technology Department. The primary objective of this agreement is that company will conduct classes (Lectures) through its identified experts and impart knowledge to students & faculty on real life case studies/projects.

Achievements/Any Award Received:

1. Dr. Vikram Singh awarded with best paper award titled 'Evaluating Models for Better Life Expectancy Prediction' was awarded as 'Best Paper Award' (in Data Analytics Category) at

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International Conference on Computational Intelligence and Data Analytics (ICCIDA), 08-09 January, 2022, Hyderabad, India.

Outreach Activities

1. Dr. M K Murmu has session chaired in 5th International Conference on Computing Sciences (ICCS-2021) during December 4th, 2021 organized by Lovely Professional University, Punjab, India.
2. Dr. M K Murmu has session chaired in 3rd International Conference on Machine Learning, Image Processing, Network Security and Data Sciences (MIND-2021) which is being held during 11th - 12th December, 2021 in the Department of Information Technology at N.I.T. Raipur.



DEPARTMENT OF ELECTRICAL ENGINEERING

Head of the Department

Dr. Ashwani Kumar Ph.D.

Professors

Dr. K.S. Sandhu	Ph.D.
Dr. (Ms.) Lillie Dewan	Ph.D.
Dr. R.S. Bhatia	Ph.D.
Dr. G.L. Pahuja	Ph.D.
Dr. (Ms.) Ratna Dahiya	Ph.D.
Dr. L.M. Saini	Ph.D.
Dr. Ashwani Kumar	Ph.D.
Dr. (Ms) Jyoti Ohri	Ph.D.
Dr. J.S. Lather	Ph.D.
Dr. Sathans	Ph.D.
Dr. Yashpal	Ph.D.

Associate Professors

Ms. Sunita Chauhan	M.Tech.
Ms. Rupanshi Batra	M.Tech.
Dr. (Ms.) Monika Mittal	Ph.D.
Dr. Saurabh Chanana	Ph.D.
Dr. (Ms.) Shelly Vadhera	Ph.D.
Mr. K.K. Sharma	M.Tech.
Dr. Anil Kumar Dahiya	Ph.D.

Assistant Professors

Dr. Bhanu Pratap	Ph.D.
Dr. Atma Ram Gupta (On Lien)	Ph.D.
Dr. Modi Pandu Ranga Prasad	Ph.D.
Dr. Sandeep Kakran	Ph.D.
Dr. Rahul Sharma	Ph.D.
Dr. Shashi Bhushan Singh	Ph.D.
Dr. Pradeep Kumar	Ph.D.
Dr. Shivam	Ph.D.
Dr. Amit Kumar	Ph.D.
Dr. Kiran Kumar Jaladi	Ph.D.

B. TECH. DEGREE

The B. Tech. course in Electrical Engineering is based on a generalized and integrated approach. A number of electives are offered to the students to enable them to specialize in more than one field. Along with that, the entire 6th semester is dedicated towards the industrial training, so that the students can understand the practical applications in the industry.

The students are assigned a "Major Project" in their 7th and 8th semesters, wherein they carry out development work which includes design, fabrication and testing of components and systems. This work is supervised by the faculty members.

M. TECH. DEGREE

The M. Tech Degree course in Electrical Engineering have been planned to prepare students to

undertake the work and research with a sense of precision and quality.

The following three specializations offered:

- Control Systems
- Power Systems
- Power Electronics

DEGREE OF DOCTOR OF PHILOSOPHY

Facilities for research are offered by the department on approved topics leading to the degree Doctor of Philosophy.

RESEARCH FACILITIES

Facilities for research exist in the following fields:

1. Electric Drives
2. Application of Solid-State Devices Systems Control
3. Digital Instrumentation and Control
4. Long Distance Power Transmission Economics, Compensation and other Allied Problems
5. Energy Management, Environmental Aspects and Social Aspects
6. Power System Stability
7. Network and system Design
8. Dynamic switching-Time Behaviour of Power Apparatus and System
9. Linear Control Systems
10. Computation Methods in Reliability
11. Microprocessor based Systems
12. AI & Neural Network Applications
13. Robot Control
14. Control and Applications of Induction Generators
15. Battery Energy Storage Systems
16. Power system restructuring, operation & Demand side management.

Thrust areas

1. Energy Management and smart Grids
2. Deregulation and Power restructuring
3. Health Monitoring of Electrical Machines and processes (Fault diagnosis, detection and Isolation)
4. Reliability Engineering: Reliability evaluation, Reliability optimization and Fault tolerant systems
5. Virtual Instrumentation and Control
6. Robotics and Mechatronics
7. Renewable Energy (Wind and Solar)
8. Multi-level inverters/converters
9. Electric drives

Laboratory facilities

Department has various laboratories which are well equipped with full power backup, where the

experimentation and research work is carried out:

1. Electrical Machines and Drives Laboratory
2. Power System and Measurements Laboratory
3. High Voltage Laboratory
4. Control System Laboratory
5. Analog and Digital Electronics Laboratory
6. Instrumentation and Communication Laboratory
7. Power Electronics Laboratory
8. CAD Laboratory
9. Computer and Microprocessor Laboratory
10. Advanced Control Systems Laboratory
11. Advanced Power Electronics Laboratory
12. Advanced Power Systems Laboratory (Micro-grid Lab)

Latest Software's available in the Laboratories for research and teaching are:

1. OPAL-RT (OP 5700) Real-time simulator
2. LabVIEW
3. GAMS
4. EUROSTAG
5. PSCAD
6. PSIM
7. Kiel C51
8. PCIMD
9. 20-SIM
10. dSPACE
11. MATLAB CAMPUS wide License
12. NEEPLAN
13. POWERWORLD SIMULATOR

Brief Introduction to various Software capabilities is:

1. The OPAL-RT real-time simulator is a tool, which can be used to perform real-time simulations in the areas of power systems, renewable energy and power electronics. It can be used in Hardware in loop (HIL) and rapid control prototyping (RCP) for conducting experiments with various systems.
2. dSPACE is the Rapid control prototyping tool, which enables the user to control any system by mathematically modelling the controller and integrating the plan to be controlled by means of controller card.
3. LabVIEW with add on Hardware (Multism Software for Circuit Simulation, Ultiboard software for PCB Design, National Instruments ELVIS II, QUANSER QNET DC Motor Control Board for NI ELVIS-An add on Board on ELVIS used for DC Motor control applications & experiments, QUANSER QNET Rotary Inverted Pendulum-An add on board on ELVIS, Sensors-(Thermocouple, RTD & Accelerometer etc.), Wireless Sensor Network starter kit, DAQ Cards for different sensors (accelerometer, thermocouple RTD, load and strain, voltage measurement) and multifunction, ARM Microcontroller

Teaching Kit, Robotics starter kit, Wi-Fi-9211 A DAQ Card) can help to carry out from basic data acquisitions. LabVIEW is system design software that is used by engineers and scientist to efficiently design, prototype, and deploy embeded monitoring and control applications.

4. GAMS: The General Algebraic Modelling System (GAMS) is specifically designed for modelling large, complex problems. GAMS allow the user to concentrate on the modelling problem making the setup simple. The system takes care of the time-consuming details of the specific machine and system software implementation. GAMS is especially useful for handling large complex, one-of-a-kind problems in a highly compact and natural way. The user can change the formulation quickly and easily, can change from one solver to another solver, and can even convert from linear to nonlinear with little troubles.
5. EUROSTAG software dedicated to the accurate simulation of the dynamics of all electric power system.
6. PSCAD becomes an indispensable tool for a variety of power system design and studies. It is multi-purpose tool. It is equally capable in the areas of power electronic design and simulation power quality analysis.
7. PSIM teaching and research in power electronics.
8. Keil C51 is the industry-standard tool chain for all 8051-compatible devices, it supports classic 8051, Dallas 390, NXP MX, extended 8051 variants, and C251 devices. The micro-Vision IDE/Debugger integrates complete device simulation, interface to many target debug adapters, and provides various monitor debug solutions.
9. PCIMD Design and Analysis of Electrical Motors.
10. 20-SIM is a modern modelling and simulation program that runs under Microsoft Windows. With 30-SIM the behaviour of dynamic systems, such as electrical, mechanical and hydraulic systems or any combination of these can be simulated.

Apart from this, Department has following facilities:

1. Conference Room
2. Seminar Room
3. Audio Visual Laboratory

CONSULTANCY/INDUSTRIAL COLLABORATION

The Department offers consultancy services on design and development problems referred to it by various Government and other industrial organizations. High Voltage lab is well equipped for testing components such as insulation etc. Besides that, testing facilities for machines, instruments and earth soil resistivity also exist.

STUDENT ACTIVITIES

ELECTRORECK is the official technical society of Electrical Engineering Department, National Institute of Technology, Kurukshetra. Electoreck organised National Level Technical and Managerial Symposium, drawing big response from technical institutes all over the country.

Electoreck provides a platform for the students of NIT Kurukshetra to showcase their talents in both technical as well as managerial fields with events like paper presentations, working model contest quizzes, circuit designing contests, informalize and an array of the other events, tree plantation.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Head of the Department

Dr.Vrinda Gupta	Ph.D.
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Professors

Dr. Brahmjit Singh	Ph.D.
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Dr. R K Sharma	Ph.D.
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Dr. O. P. Sahu	Ph.D.
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Dr. Umesh Ghanekar	Ph.D.
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Dr. Rajoo Pandey	Ph.D.
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Associate Professors

Dr. Vikas Mittal	Ph.D.
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Dr. Niraj Pratap Singh	Ph.D.
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Dr. Vrinda Gupta	Ph.D.
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Mr. Karan Sharma	B.Tech.
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Dr. Arvind Kumar	Ph.D.
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Assistant Professors

Dr. Sandeep Santosh	Ph.D.
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Dr. Rajender Kumar	Ph.D.
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Dr. Poonam Jindal	Ph.D.
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Dr. Sudhanshu Choudhary	Ph.D.
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Dr. Gaurav Verma	Ph.D.
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Dr. Pankaj Verma	Ph.D.
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Dr. Gaurav Saini	Ph.D.
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Dr. Trailokya Nath Sasamal	Ph.D.
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Dr. Chhagan	Ph.D.
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Dr. Sudakar Singh Chauhan	Ph.D.
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Dr. A. Nandi	Ph.D.
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Dr. Shweta Meena	Ph.D.
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Dr. Dheeraj Kumar Sharma	Ph.D.
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About the Department

The branch of Electronics and Communication Engineering was started in the year 1971 under the aegis of Electrical Engineering Department. The "Department of Electronics and Communication Engineering" came into existence in the year 1973. In 1987, Computer Engineering branch was also started and the department was renamed as "Electronics, Communication and Computer Engineering". In 2003, the department was again renamed as "Electronics and Communication Engineering" because of inception of "Computer Engineering Department" separately. The department is well equipped with the state of the art laboratories and research facilities in almost all the domain of ECE engineering. Currently, the department is offering B Tech, M Tech and PhD Courses. The PhD course is offered in the various specializations like Wireless Communication, Optical Communication, MIMO systems, Photonics Crystal Fiber Sensors, Security, Signal Processing, Speech Processing, VLSI, Embedded Systems etc.

Vision of the Department:

To become a center of education and research in Electronics and Communication Engineering with the capability to meet future challenges of the society.

Mission of the Department:

- 1 To impart excellent education in Electronics and Communication Engineering for professional roles in a dynamic and challenging technological world.
- 2 To advance knowledge through quality research in emerging areas.
- 3 To build a strong relationship with industry, academia and society.

Courses Offered:

- BTech in Electronics and Communication Engineering
- MTech in Electronics and Communication Engineering, (Communication Systems)
- Ph. D. in Wireless Communications, Wireless Sensor Networks, Wireless Security, Communication Systems, Neural Networks, Signal Processing, Image Processing, Satellite imaging and Applications, Synthetic Aperture Radar, Image/Data fusion, Speech Processing, Optical Communications, Embedded System Design Applications, Disease Diagnosis in Human beings using Voice Profiling, Low power VLSI design, Carbon Nanotubes and other Nanostructures, CNTFETs, Graphene FETs, Spintronics, SPINFETs, Magnetic Tunnel Junctions, Microelectronics and VLSI Design, Device modelling, Device circuit co-design in digital/analog domain.

Research Facilities:

The department has adequate state of the hardware and software facilities as listed below:

1. HPC Cluster
2. MATLAB for numerical computing
3. WILANTA for emulating WLAN and Adhoc networks
4. OptiSystem to plan, test and simulate optical links
5. NI USRP for prototyping wireless communication systems
6. Wireless Sensor Network Kit
7. LabVIEW is a visual programming language for system design and development
8. Sentaurus TCAD for design and simulation of low power devices

Laboratory Facilities:

- 1 Computer Laboratory

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- 2 Basic Electronics Laboratory
- 3 Advanced Electronics Laboratory
- 4 VLSI Design (UG) Laboratory
- 5 VLSI Design (PG) Laboratory
- 6 DSP Laboratory
- 7 Computing and Simulation Laboratory
- 8 Microprocessor Laboratory
- 9 Communication Laboratory
- 10 Microwave Laboratory
- 11 Wireless Communication (PG) Laboratory
- 12 Audio Visual Laboratory

Student Activities:

Student Club Microbus

The students club conducts technical fests like TECHSPRADHA where industries like CEERI Pilani, SCL Mohali, DRDO, BRAHMOS etc. participate.



DEPARTMENT OF MECHANICAL ENGINEERING

Head of Department

Dr. Hari Singh	Ph.D.
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Professors

Dr. Dixit Garg	Ph.D.
Dr. Surjit Angra	Ph.D.
Dr. Dinesh Khanduja	Ph.D.
Dr. P. C. Tewari	Ph.D.
Dr. Hari Singh	Ph.D.
Dr. V. K. Bajpai	Ph.D.
Dr. Gian Bhushan	Ph.D.
Dr. Pankaj Chandana	Ph.D.
Dr. Ajay Jain	Ph.D.
Dr. Vinod Kumar Mittal	Ph.D.
Dr. (Mrs.) Meenu	Ph.D.
Dr. P. K. Saini	Ph.D.
Dr. Punit Kumar	Ph.D.

Associate Professors

Dr. Sandeep Singhal	Ph.D.
Mr. Jaideep Gupta	M.Tech.
Dr. Rajiv Verma	Ph.D.
Dr. N. K. Singh	Ph.D.
Mr. M. K. Gupta	M.Tech.

Assistant Professors

Dr. Gulshan Sachdeva	Ph.D.
Dr. Jatinder Kumar	Ph.D.
Dr. Avadesh Yadav	Ph.D.
Dr. Rajneesh	Ph.D.
Dr. Satnam Singh	Ph.D.
Dr. Mukesh Kumar	Ph.D.
Dr. Vikas Kumar	Ph.D.
Dr. Lalit Thakur	Ph.D.
Dr. Rajesh Kumar	Ph.D.
Mr. V. S. Nagendra Reddy B	M.Tech.
Dr. Chandrashekara M	Ph.D.

The Department of Mechanical Engineering offers various courses at B-Tech, M-Tech and Ph. D. level. The detailed information is as follows:

B.Tech Degree

The department offers the following courses at B.Tech. level:

B.Tech (Mechanical Engineering)

The B.Tech programme in Mechanical Engineering is broad based and integrated with emphasis on fundamental concepts to enable the students to become confident engineers capable of solving a wide range of problems encountered in field. The courses have been planned to train the students both in theory and practical work in the following area of Mechanical Engineering.

1. Machine Design, Stress Analysis, Theory of Machines, Measurements and Control
2. Thermodynamics, Thermal Machines, Power Plant Engineering, Renewable Energy
3. Manufacturing Process, Production and Industrial Engineering

The students are given workshop training and industrial training to familiarize them with the working in industry. They are also given problems in their Projects covering design, fabrication, testing and manufacturing aspects, thus giving them an opportunity to develop the capacity to solve practical problems.

B.Tech (Production & Industrial Engineering)

The B.Tech. programme in Production & Industrial Engineering emphasizes on providing value-based education by imparting technical skills to the students so as to enable them to steer manufacturing, service and research organizations towards excellence. The course has been planned to train the students both in theory and practical work in the following areas of Production & Industrial Engineering.

1. Lean Manufacturing, Total Quality Management and Agile Manufacturing
2. Quality Control and Analysis, Value Engineering, Production planning
3. Product Design & Development, Operational Management, Optimization

The students are given industrial training to provide the requisite exposure to the operations of manufacturing plants. They are also given projects in various areas of Industrial Engineering such as quality management, optimization, product design etc, thus giving them an opportunity to develop the capacity to solve the problems of industry.

M.Tech Degree

The department offers the following courses at M.Tech. level:

1. M.Tech. in Thermal Engineering
2. M.Tech. in Machine Design
3. M.Tech. in Industrial & Production Engineering

The M.Tech. courses offered by the institute provide an opportunity to pursue research in the respective areas of interest. After completion of the course, students get employment in industrial organizations, research and development centers and educational institutions.

Ph.D. Degree

Facilities of research are offered by the department on approved topics leading to the degree of Doctor of Philosophy.

Research Facilities

Facilities exist for research and development work in the following areas of Mechanical Engineering

1. Analysis & Synthesis of Mechanisms

2. Theoretical & Experimental Stress Analysis
3. Analysis of Machine parts
4. Industrial Engineering, Management and Entrepreneurship development
5. Advanced Tribology
6. Dynamic Analysis of Machines
7. Elements of Machine Tools
8. Friction, Lubrication & Wear
9. IC Engine & Combustion Technology
10. Operations Research
11. Fluid Machine Tools
12. Optimization
13. Energy Technology
14. Welding Technology
15. Non-Traditional Machining
16. Ergonomics
17. Composite fabrication and testing

Laboratory Facilities:

The department has the following well equipped laboratories for conducting experiments; both by undergraduate and postgraduate students.

1. Metrology Lab
2. Advanced Manufacturing technology (AMT) Lab
3. Mechatronics Lab
4. Industrial Engg. & Ergonomics (IEE) Lab
5. Thermal Engineering Lab
6. Heat Transfer Lab
7. CAD/CAM Lab
8. Fluid Mechanics and Hydraulic Machines Lab
9. Refrigeration and Air-Conditioning Lab
10. Mechanics of Machines Lab
11. Applied Mechanics Lab
12. Strength of Materials Lab
13. Measurements Lab
14. Vibration Lab
15. Tribology Lab
16. Advanced Welding Lab
17. Machine Vision Lab
18. PRIDE Lab
19. Optimization Lab
20. Entrepreneurship Lab

21. Non Destructive Testing Lab
22. Computational Fluid Dynamics Lab

Mechanical Workshop Facilities:

The central workshop comprises the following fully equipped shops:

1. Machine Shop
2. Fitting Shop
3. Electrical Shop
4. Welding Shop
5. Pattern Making Shop
6. Foundry Shop
7. Production Technology Lab
8. Advance Manufacturing System Lab

The central workshop imparts training to all the first & second semester students and the students of third and fourth semesters in the Mechanical Engineering discipline. The third year students are given projects involving work in the shops, and the fourth year students undergo specialized training in manufacturing processes. The final year and Post Graduate students utilize the facilities of the laboratories and the workshop to pursue their projects and dissertations. Facilities exist for the manufacture of components, parts, and also for repair work.

Student Societies

The students of Mechanical Engineering Department participate in every event of NIT Kurukshetra and play active roles in various technical and cultural societies of the institute. The students participate in the renowned and prestigious technical and cultural events organized by other premier institutes within India. Some of the achievements of our students are listed below:

- 1) SAE Club NIT Kurukshetra comprises of two teams i.e Team Nitrox and Team Accelerons. Team Nitrox designs and fabricate an all terrain vehicle and team Accelerons designs and fabricate a formula type vehicle and participate in various national and international level competitions.
- 2) SAE Club of the institute organizes car engine overhauling workshop "Autokriti" every year under the dynamic leadership of Prof. Surjit Angra and Prof. Vinod Kumar. Every year, students from other leading institutes of India participate in this event to enhance their technical skills.
- 3) Mechsoc society of Mechanical Engineering Department organizes more than 10 events as part of the technical and cultural fests of the institute every year. In the year 2022, Mechsoc organized Technical Fest, "TECHSPARDHA-2022" along with other technical societies of NIT Kurukshetra. In this fest, six technical events were organized by the Mechsoc.
- 4) An online workshop on SOLIDWORKS software was organized by Mechsoc in January, 2022 under the supervision of Dr. Satnam Singh (Mechsoc - Faculty Incharge).
- 5) An online workshop on PHOTOSHOP software was organized by Mechsoc in January, 2022 under the supervision of Dr. Satnam Singh (Mechsoc - Faculty Incharge).

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RESEARCH WORK& CONSULTATION JOBS

On-going Research Projects

Sr. No.	Project Title	Amount Sanctioned (in lacs)	Duration	Faculty Involved	Sponsoring Agency
1	Synthesis and Characterization of Ceramic-Metal Multilayer Functionally Graded Armour Materials with Improved Ballistic Performance	36.94831	3 Yrs (2019-22)	Dr Punit Kumar, Professor, (Principal Investigator) and Dr Lalit Thakur, Assistant Professor, (Co - Investigator)	ARMREB, DRDO
2	Design and analysis of jet deflector and its support structure	9.842	6 months (completed)	1.Prof. Gian Bhushan (PI) 2. Prof. Pankaj Chandna (Co-PI)	SPIC, DRDO
3	Design of a lightweight container for Transportation and storage of a 'store'	12.90	9 months	1. Prof. Pankaj Chandna (PI) 2. Prof. Gian Bhushan (Co-PI)	SPIC, DRDO

Consultancy Services

Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department did consultancy on:

- Vetting of the design and Drawing of RO plant of capacity 8000 LPH to be installed at HSIIDC Barhi Sonipat (August 2021).
- Proof checking/ HVAC Design for Auditorium at Jalandhar Cantt (September 2021).
- Design vetting for cold storage project at HAFED Mega Food Park, Rohtak (December 2021).
- Design vetting for cold storage project at HSIIDC, Panipat (January 2022)
- Engine testing operated on Bio-diesel in Advanced Thermal Engineering Lab of Mech. Engg. Dept. (2 Jobs in March 2022).
- Vetting of drawings & layout for plant & machinery of the Trifed project at Jagdalpur (March-April 2022).

Other Achievements

1. Prof. Dinesh Khanduja, Professor, Mechanical Engineering Department was Guest Editor: International Journal of Six Sigma and Competitive Advantage, Vol. 13, Nos. 1/2/3, 2021, Special Issue: Application of Lean Six Sigma Methods for Process Excellence in Indian Industries.
2. Prof. Dinesh Khanduja, Professor, Mechanical Engineering Department was Guest Editor: International Journal of Internet Manufacturing and Services; Special Issue on "Strategic Reconcile of Lean and Green Methodologies for Sustainable Manufacturing".
3. Prof. Dinesh Khanduja, Professor, Mechanical Engineering Department was Guest Editor: Business Systems Research Journal; Special Issue on "Synergy among Lean and Green Manufacturing Approaches for Sustainable Development".
4. Prof. V. K. Bajpai, Professor, Mechanical Engineering Department Promoted as Major (Army Wing) of NCC.



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DEPARTMENT OF CHEMISTRY

Head of Department

Dr. J. K. Kapoor

Ph.D.

Professors

Dr. Minati Baral

Ph.D.

Associate Professor

Dr. J. K. Kapoor

Ph.D.

Assistant Professors

Dr. Chetti Prabhakar

Ph.D.

Dr. Ram Kumar Tittal

Ph.D.

Dr. Amilan Jose D.

Ph.D.

Dr. Ghule Vikas D.

Ph.D.

Dr. M. Senthil Kumar

Ph.D.

Dr. Avijit Kumar Paul

Ph.D.

UG, PG and Ph. D. courses:

S. No	Course	Description
1	UG	B.Tech. (First Semester): <i>Energy and Environmental Science</i> , Common to all branches. B.Tech. (Second Semester): Three different Chemistry papers are offered branch wise: Paper -1 for Computer and Information Technology; Paper-2 for Civil, Mechanical & Production; and Paper-3 for Electrical & Electronics. B.Tech. (Seventh Semester): Open Elective
2	Ph. D.	In different specializations of Chemistry

Research Facilities

The Department is well equipped with instrumentation to perform modern chemical research. Routine instrumentation is housed in the Analytical Instrumentation labs (two), Single crystal XRD lab, Computational Chemistry & Molecular Modeling Laboratory (for drug design and molecular simulations), and High Energy Materials Lab which are maintained by staff within the Department. In addition, there is a UG lab (two) facility for engineering students to perform their practical work.

List of equipments and software available:

- Single Crystal XRD
- Benchtop NMR Spectrophotometer
- Gas chromatography
- CHNS/O Elemental Analyzer
- FT-IR Spectrophotometers
- Fluorescent Spectrophotometer
- Life Time Fluorescence Spectrophotometer
- Multimode plate reader
- High Vacuum Rotatory Evaporator
- Digital Melting Point Apparatus
- High Precision Electronic Balances
- UV/visible Diode Array Spectrophotometer
- Ion-selective Electrode pH Meter
- Rotary evaporators
- Muffle furnaces
- Trinocular Microscope.
- High performance computers
- Gaussian G16W
- Gaussian G09W
- GaussView 5.08
- GaussView 6.0.16
- Chemcraft
- Schrodinger

Department has research facilities in following thrust areas:

- Organic Chemistry
- Inorganic Chemistry
- Functional Organic Materials
- Computational Chemistry and Drug Design
- Biomimetic Chemistry
- Organometallic Chemistry
- Supramolecular Chemistry
- High Energy Materials
- Analytical Chemistry
- Chemical Sensor
- Inorganic Nanomaterials

Details of Research Projects in the Department

Department of Chemistry is actively engaged in various research areas, having vast importance for society and environment. Department is well equipped with sufficient facilities for research purpose. The main research projects of the Department are as follows:

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S. No.	Principal Investigator	Project title	Funding agency	Amount in Lakhs	Duration
1	Dr. Chetti Prabhakar, Assistant Professor	Design, Synthesis and Optoelectronic Properties of Thiophene Based Functional Organic Materials	SERB - DST	22.80	2015 -2018
2	Dr. Ghule Vikas D., Assistant Professor	Quantum -chemical design, synthesis and energetic properties study of tetrazole based high energy materials.	SERB - DST	26.29	2015 -2018
3	Dr. M. Senthilkumar, Assistant Professor	Neutral and Cationic Ruthenium Complexes for Amidation and Related Reactions in Aqueous and Biphasic Medium	SERB - DST	28.41	2015 -2018
4	Dr. Avijit Kumar Paul, Assistant Professor	Multifunctional Metal -Organic Framework Construction by -O/ -N Donor Ligands	SERB - DST	29.16	2015 -2018
5	Dr. Avijit Kumar Paul, Assistant Professor	New Magnetic Materials Applicable for Catalysts and Colour Pigments	DST - INSPIRE	35.00	2014 -2019
6	Dr. Amrita Ghosh DST -Young Scientist	Development of polyoxometalate based light induced wateroxidation catalysts	SERB - DST	25.00	2014 -2018
7	Dr. Amilan Jose D., Assistant Professor	Nano scale vesicles modified metal complexes for therapeutic CO delivery	CSIR	14.00	2016 -2019
8	Ms. Anita Bhatia DST -women scientist (Mentor Dr. M. Senthilkumar)	Synthesis of water soluble Co complexes and their catalytic activity in aqueous and biphasic medium	DST	23.00	2016 -2019
9	Dr. Avijit Kumar Paul, Assistant Professor	Detailed investigations on crystal and magnetic structures of frustrated double perovskites and their lanthanum composites	UGC - DA E-CSR	10.59	2017 -2020
10	Ms. V. M. Vidya DST -women scientist (Mentor Dr. Chetti Prabhakar)	Computational design, synthesis and optoelectronic properties of functionalized 1,3,5-triazine compounds and their metal complexes.	DST	19.74	2017 -2020
11	Dr. Chetti Prabhakar, Assistant Professor	Design, Synthesis and Optoelectronic Properties of Squaraine and Croconine Based Functional Organic Materials	CSIR	23.96	2018 -2021
12	Dr. Amilan Jose D., Assistant Professor	Development of Highly Sensitive Colorimetric and Fluorescent Moisture Sensors, Based on Small Molecules, Chemically Modified Paper and Electrospun Nanofibrous Materials	DST	31.09	2018 -2021
13	Dr. Ghule Vikas D (PI) & and Dr. Ram Kumar Tittal (Co-PI)	Development of Insensitive high energy materials containing heterocyclic Backbone substituted with Amino, Azido and Nitro Explosophores	DRDO	37.94	2019-2022
14	Dr. Ghule Vikas D (Co-PI)	Design and Synthesis of green insensitive high energy density materials with fine-tuned properties		64.99	2021 -2024
<p>Dr. J. K. Kapoor and Dr. Avijit Kumar Paul offer consultancy services for chemical analysis of cement, Mortar, concrete, soil, water for construction purposes.</p> <p>Dr. Avijit Kumar Paul also offers consultancy for single crystal XRD.</p>					



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DEPARTMENT OF PHYSICS

Head of Department

Dr. Ashavani Kumar

Ph.D.

Professors

Dr. Ashavani Kumar

Ph.D.

Dr. Neena Jaggi

Ph.D.

Dr. R.P. Chauhan

Ph.D.

Assistant Professors

Dr. Anurag Gaur (On lien)

Ph.D.

Dr. C.R. Mariappan (On lien)

Ph.D.

Dr. Yashashchandra Dwivedi

Ph.D.

Dr. Awnish Kumar Tripathi

Ph.D.

Dr. Prakash Chand

Ph.D.

UNDERGRADUATE PROGRAMMES

Department offers two compulsory credit courses: Physics-I and Physics-II for first and second semester B.Tech. students. In addition to that, Department is offering two open elective courses for the B.Tech. (7th Semester) students:

1. PHYSICS OF ENERGY HARVESTING TECHNOLOGIES
2. NANOSCIENCE AND TECHNOLOGY

POSTGRADUATE PROGRAMMES

The department offers four semesters M. Tech. Degree Programmes: (i) Instrumentation, (ii) Nanomaterials and Nanotechnology. The aim of the programmes is to prepare science and engineering graduates for successful career in academia, industry and research in the field of Instrumentation, Nanotechnology and Materials Science, respectively. The courses on Instrumentation focus on the approach to instrumentation techniques, which find application in industries, and in the laboratories of teaching and research institutions in India and abroad. Nanotechnology is a cutting edge technology and there is a world-wide spurt in R&D activities in this area. The prime objective of this course is to generate trained manpower in embarking field of Materials Science through knowledge of Novel synthesis techniques, advanced characterization tools, Carbon nanomaterials, Nano-electronics, Bio-Nanotechnology etc.

LABORATORY FACILITIES

1. Undergraduate Laboratory
2. Post-Graduate Laboratory (Instrumentation)
3. Post-Graduate Laboratory (Nanotechnology)
4. Research Laboratory (I & II)
5. Sophisticated Instruments Laboratory (I & II)
6. Materials Synthesis Laboratory (I & II)

7. Computer Laboratory
8. Gas Sensor Laboratory

RESEARCH FACILITIES

Department of Physics is involved in a variety of frontline research areas which having vast importance for society, environment, and defense. Department is well equipped with sufficient facilities for research purpose. Some of the key research areas are as follows:

Nanomaterials	Materials Simulation
Gas Sensors	Optoelectronics
Spectroscopy	Radiation Physics
Energy storage devices	High Energy Physics
Spintronics and Multiferroic Materials	Energy conversion devices

Department has procured and installed various advanced sophisticated research equipments namely: Scanning Electron Microscope, Scanning Probe Microscope with Atomic Force Microscopy; Automatic Optical Image analyzer System, X-ray fluorescence, Sputtering Coating unit, Precession Voltage/Current Sources, Vacuum coating unit, Spin Coater, Chemical vapor deposition, UV-Visible absorption spectrophotometer, X-ray diffraction Unit, Electrometers, X-Y/t Recorders, Potentiostat /Galvanostat, Storage Oscilloscopes, High Voltage D.C. Units, MHz Precision LCZ meter, CCD camera Interfaced Research Microscope, Lock-in-amplifier, PE Loop Tracer, Nanofluid Setup, Ultrasonic Flaw Detector, Environmental Chamber, High Temperature Furnaces, etc. The Department is equipped with a mechanical workshop for routine fabrication of instruments and components. This workshop is equipped with Grinder, Cutter, Heavy Drill Machine, Lathe Machine and Vices Machine.

PROJECT/CONSULTANCY

All the faculty members in Physics department have wide exposure and research experience of working in International laboratories/Institutes. Faculty members deliver several expertise talks in various conferences organized in India and abroad. Faculty members also have collaboration with the National and International Universities and Laboratories.

Ongoing research projects

S. No.	Funding Agency	Grant (lakh)	Duration	Principal Investigator	Title
5	DRDO	31.211 Lacs	2022-2025	Dr. Ashavani Kumar	Development of synergetic dielectric and magnetic loss materials composite for high performance microwave absorption Application
7	UGC-DAE	10.71 Lakh	2019-2022	Dr. C. R. Mariappan	Development of spinel-type metal oxide/rGO novel composites for NO _x gas sensor application
8	Alexander von Humboldt foundation	Euro 53,600	2019-2022	Dr. C. R. Mariappan	Development of novel solid lithium ionic conductors for advanced lithium ion battery applications

All faculty members have established active collaboration with reputed academic and research institutions for the research activities. The department extends its expertise and facilities to the society and academic institutions through consultancy, training programs, guest lecture, etc.

ACTIVITIES

Department of Physics regularly organizes lectures, National Conferences and short-term courses to motivate young minds and to discuss frontline research problems with leading academicians and scientists in their respective fields.

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DEPARTMENT OF MATHEMATICS

Head of Department

Dr. Paras Ram Ph.D.

Professor

Dr. Paras Ram Ph.D.

Associate Professor

Dr. A. S. V. Ravi Kanth Ph.D.

Assistant Professors

Dr. Saraswati Yadav Ph.D.

Dr. Amit Prakash Ph.D.

Dr. Naveen Kumar Ph.D.

Dr. Smita Sonker Ph.D.

Undergraduate and Postgraduate Courses

The aim of the Department is to equip the engineering students with modern concepts of Mathematics and Mathematical tools necessary for different engineering applications. The department conducts following core courses in Mathematics

Course Title	Semester
Differential Calculus and Differential Equations (Common for All Branch)	MAIR 11
Integral Calculus and Difference Equations (Common for All Branch)	MAIR12
Applied Numerical and Statistical Methods (for CE, ME & PI)	MAIR 21
Discrete Mathematics (for CS, IT)	MAIR 24
Applied Linear Algebra (for EE)	MAIR 22
Complex Analysis and Partial Differential Equations (for ECE)	MAIR 23

Research Facilities

The department provides research facilities in the following thrust areas leading to the degree of Doctor of Philosophy (Ph.D.). The Department has research facilities in following thrust areas:

Fluid Mechanics: Ferro hydrodynamics, Magneto hydrodynamics, Thermo elasticity Electro-hydrodynamics and Computer-Aided fluid flow problems.

Numerical Analysis: Singular Boundary value problems, Singular Perturbation Problems, Singular Perturbed Delay Differential Equations, Fractional Partial Differential Equations.

Algebra: Lie Theory, Quantum Algebra, Special Functions.

Differential Geometry: Differential Geometry of manifold and their applications, Riemannian Geometry.

Robotics: Mathematical Modelling of Dynamical System, Stability Analysis and Control of Robotic Systems.

Fourier Approximation: Operator theory, Functional analysis, Summability theory. Reliability

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

Head of Department

Dr. Vikas Choudhary

Ph.D.

Professors

Dr. Vikas Choudhary

Ph.D.

Dr. (Ms.) Kiran Mor

Ph.D.

Assistant Professors

Dr. (Ms.) Shabnam

Ph.D.

Dr. (Ms.) Geeta Sachdeva

Ph.D.

Dr. Ashwani

Ph.D.

Dr. (Ms.) Shahida

Ph.D.

Courses

Department offers following compulsory courses for B.Tech. Programme:

- | | |
|------------------------------------|--------------------------------|
| 1. Communication Skills in English | 2. Economics for Engineers |
| 3. Business Management | 4. Professional Ethics and IPR |

Ph.D. Programme

The department offers facilities for Doctoral research in the following areas:

1. English Language and Literature, Comparative Literature, Culture Studies, New Historicism, Kashmiri and South Asian Studies, Anglo Saxon and Medieval English (Pre Chaucerian) Poetry.
2. Economics
3. Management (Human Resources Management, Marketing Management and Financial Management)
4. Psychology

LABORATORY FACILITIES:

The department has well-equipped Language Laboratory and Computer Laboratory.

LANGUAGE LABORATORY (02)

Two Language Laboratory with Computer Assisted Language Learning (CALL) facilities is functional in the Department to develop the English language proficiency of the students and to meet the growing market demand of a smart and articulate workforce. It is specially designed for student-teacher interaction, and greater concentration for language learning. The lab also has a large number of audio and video aids and books for all levels including beginners, intermediate and advanced. The lab is used by B.Tech. students of First and Second Semester.

COMPUTER LABORATORY

Department has well established Computer Lab equipped with Hi-speed internet connectivity, which helps the Faculty and Research Scholars of the Department to harness the role of technology as a critical enabler in all its operations.

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DEPARTMENT OF COMPUTER APPLICATIONS

Head of Department

Dr. Sandeep Kumar Sood Ph.D

Professor

Dr. Ashutosh Kumar Singh Ph.D

Assistant Professor

Dr. Sarika Jain Ph.D.

Dr. Kapil Ph.D.

Mission:

The mission of the department is to offer our students the highest quality education, which engenders a broad awareness of social, cultural and ethical issues.

Vision:

The department is committed to undertake teaching and research in Computer Science and Applications and work with the industry, the government and the community to make an impact on the society.

COURSES OFFERED

Title of Programme	Full Time/ Part Time	Duration	Sanctioned Strength	Year of Starting
MCA	Full Time	3 yrs	96 (64 Govt, 32 Self- Finance Seats)	2007
Ph.D.	Full Time/Part Time	—	—	2010

ADMISSION PROCEDURE

Admission for the course of MCA is done through NIMCET exam. NIMCET is the national level entrance test for admission to Master of Computer Applications (MCA) courses in selected National Institutes of Technology.

RESEARCH FACILITIES

The Department of Computer Applications has a number of highly specialized computer laboratories equipped with the latest networked desktop computers and the latest software required to pursue research on current trends. The department has one Linux and one Windows Server; all are inter-networked through switches.

Our scholars are pursuing research in areas like Network & Information Security, Internet of Things,

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Big Data Analytics, Cloud & Fog Computing, Cyber-Physical System, Quantum Computing, Artificial Intelligence, Semantic Web, Information Extraction, Natural Language Understanding, Knowledge Infused Learning, Wireless sensor networks, and Image processing.

SPONSORED PROJECTS

- Sandeep K. Sood "AI-assisted Cloud Framework for Early Flood Prediction" sanctioned by Microsoft for an AI for Earth Microsoft Azure Compute Grant scheme costing \$6000 USD. (Undergoing).
- Sandeep K. Sood "Smart Disaster Management using Internet of Things (IoT) in Indian Perspective", sanctioned by Council of Scientific and Industrial Research costing Rs. 19,62,000/- (Undergoing).
- Sandeep K. Sood, Deepak Sharma, Mohit Kumar "Secure Cloud-Centric IoT Assisted Data Analytics Frameworks for Cyber-Physical System" Sanctioned under CSR Initiative by Siemens costing Rs. 5,000,00/- (Undergoing).
- Sarika Jain, 2021: INR 30 Lakhs, PI in a Sponsored Research Project Title: Multilingual and Culturally Customized Knowledge Management for Legal Information Processing and Management Duration: 3 Yrs (Sep 2021 to Aug 2024) Funding Agency: IHUB-ANUBHUTI-IIITD FOUNDATION set up under the NM-ICPS scheme of the Department of Science and Technology, India
- Sarika Jain, July 2019-June 2020: Rs 2.58 Lakhs, Co-PI in a Sponsored Research Project Title: A Digital Health Advisor in the Domain of Depression Patient, Duration: One Year (July 2019 to June 2020) Scheme: Collaborative Research and Innovation Scheme (CRIS) under TEQUIP-III Implementing Institute: Biju Patnaik University of Technology, Odisha (ATU)
- Sarika Jain, May 2019-August 2019: Rs 40.5244 Lakhs, PI in a Sponsored Research Project Title: Intelligent Real-time Situation Awareness and Decision Support System for Indian Defense Duration: 2 Yrs 3 months (13th May 2016 to 12th August 2018) Funding Agency: Defense Research and Development Organization (DRDO)

LABORATORY FACILITIES

The department has currently 05 Computer labs (03 for MCA students + 02 research labs for Ph.D. students) having approx 90 PCs in total.

S.No	Laboratory Facility	No of Computers	Dedicated
1	Computer Lab-1	25	MCA Students
2	Computer Lab-2	25	MCA Students
3	Computer Lab-3	15	MCA Students
4	Research Lab-1	10	Ph.D. Scholars
5	Research Lab-2	15	Research Scholar & Project Fellows

All labs have a fast internet connection along with a projector facility.

STUDENTS SOCIETIES/ACTIVITIES

The Post Graduate's Club (PG Club) is one of the official clubs of NIT Kurukshetra. A team of post-graduation students helps and guides the students to subsist the ongoing events on the premises and outside as well. PG club helps you to interact with other branches of the institute and to develop in all aspects. A total of almost 70 members including MCA, MBA, and M.Tech students actively participate

in the functions of the club.

The first and foremost task that the club undertakes is to ensure the involvement of all the post-graduate streams. Besides this, the Invitation and Reception Committees are what comes under the work of PG Club. The club is responsible for getting ID cards to the working members as well as the external participants during the Major Fest and has the honor to welcome the delegates.

Few events that PG Club has organized in past-

- Chessmate: An event for young minds with great strategies having the facet of playing chess.
- Bollywood Blockbuster: A team quiz-like event on Bollywood movies, music, etc.
- Travesty: Impromptu caricature art event for all aspiring artists.
- IPL Betting: For cricket lovers, it's not just an event but life.
- Splitsvilla: It's a team event where people get a chance to show not only their strength and intellect but also a reverent heart.

Mexperts is an official Post Graduate society, consisting of MBA & MCA students of NIT, Kurukshetra, created to empower the students with several mindfulness activities through a quality technical environment infused with managerial qualities to learn the fundamentals of computer technology and management, we want to help students become great techno-managerial geeks. It was founded on 21st March 2008. Here at Mexperts, students learn to hone their managerial skills. We host various events where students are tested on their people skills, organizing capability, and leadership. Our mission is to transform a dormant individual into extroverts brimming with energy and derive to-be leaders propelled by values and to extract every chunk of talent out into open, by way of a never-ending streak of innovative events. We are also a major part of the Techspardha here at NIT.

There is no shortage of exciting fun and educational events at Mexperts. Every year we conduct a number of events and some of the favorites include:

- Cyber Cipher
- Ad-Mad
- Blind Coding
- Alcoholics
- Technical Relay
- Tame the Brute

We have conducted various awareness campaigns regarding waste management in households as well as hostels. We believe in a clean & green India.



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DEPARTMENT OF BUSINESS ADMINISTRATION

Head of Department

Dr. Neeraj Kaushik

Ph.D.

Assistant Professors

Dr. Mohammad Firoz

Ph.D, FCA

Courses

Programme	Field of Specialisation	Full time/ Part-time	Duration	Sanctioned Strength	Year of Starting
MBA	Human Resource, Finance, Marketing	Full-time	2 years	Regular: 53 Self- Finance Sponsore d Seats: 7	2006
Ph.D	Human Resource, Finance, Marketing	Both	As per Institute norms	As per Institute norms	2008

The MBA Program at NITK is the Institute's response to the ever-increasing demand for management professionals, both at the national and international levels. This program leads the way in preparing its students to respond to the new challenges, by drawing on the varied intellectual resources of the institute and providing a well-structured, innovative program in management education. The two-years program has been developed as a blend of management theory, practice, and real world issues and problems, is an effort to groom competent managers capable of devising globally optimized solutions. To ensure the quality of students, the admission to the programme is through the stringent screening process using CAT/MAT/GMAT/CMAT and any other national level test scores, followed by group discussions and personal interview.

Sponsored Projects

Title: Correlation between Psychological and Physiological parameters of Stress among Staff and Students- An Empirical Study: Dr. Neeraj Kaushik, and Prof. Rajender Kumar Duration: 3 years

Events in the Department

- Guest Lectures / Workshops (External Experts)
- Expert Lecture on Block chain and Capital Market by Sh. Arvind Tripathi, Industry Expert (Finance) on March 04, 2022
- Expert Lecture on Know Our Heritage to Secure the Future of Country by Prof. G S Murthy, Professor (Retd.) Andhra University, Visakhapatnam, on March 04, 2022
- Expert Lecture on Challenge faced by India in Economic Development by Dr. V. Achuta

Strengths of the Department

- NBA Accreditation (3 Years)
- Dedicated Faculty.

State of the Art classroom infrastructure with audio-visual presentation tools and Wi-Fi connectivity.

Department is extending cooperation to administration in various capacities like External Peer Review (EPR), Departmental Visiting Committee (DVC), National Institutional Ranking Framework

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(NIRF), Support to Accounts Section, Audit Section, Grievance Redressal and Intellectual Property Rights(IPR) to name a few.

Infrastructure

The Department has well equipped lecture halls and Seminar room, with the state-of-art facilities, creating a fine ambience in which students done their business acumen through presentations and seminars. Wi-Fi internet connectivity is in the entire department. Well-stocked computerized Central Library with air-conditioned, the Computer Centre for Networking(CCN) and the Sports Complex of the Institute are the add-on facilities of the Department.

Laboratory Facilities

The department is having a well-equipped fully air-conditioned computer laboratory having Fifty-five latest configured Desktop PCs and has licensed software such as IBMSPSS (24 version), AMOS(24 version), SYSTAT, STATISTICA and CAPITALINE (Database)

Computer Lab

There is a Centre for Computer and Network at the institutional level. PCs and Desktops with latest configurations are available. Anti-virus software is also in use. MS office and MS Windows are installed in all systems. Laptops, laser jet printers, dot matrix printers, scanners are also available in abundance. Internet facility and Wi-Fi are available with a speed of 500 mbps. There are 75 desktops, 5 laptops, 7 LCD projectors and 7 audio visual systems for the MBA department. Server is maintained centrally.

Sr. No.	Description	Total Quantity
1.	Server	Nil
2.	Desktop	73
3.	Laptop	05
4.	Laser Jet Printers	05
5.	Dot Matrix printers	Nil
6.	LCD Projectors	07
7.	Scanners	01
8.	OHP	Nil
9.	Colour Printer	02
10.	Digital Podium	06

Finance Lab

With the recent exponential growth in the Fintech industry, it is expected that the industry will have a CAGR of 6% in 2022 and our students need to be in pace with that industry. Students need to learn how to manage their finances, how to invest in the right way, and know the appropriate platform to invest. Merely having a theoretical and practical knowledge about different fields of investments is not sufficient in today's world. The modern financial world requires students to be equipped with greater analytical capabilities and strong decision-making skills.

The finance lab set up by the NSE Academy provides advanced trading simulation to the students. The lab has installed an application called NSE SMART, developed by the NSE Academy that provides a quality interface and allows effective engagement for the learner. The prime focus of the lab is to help

students in building analytical capabilities and strong decision-making skills. This lab accustoms students with the practical application of their theoretical knowledge gained through classroom teaching.

Purpose of finance Lab:

- The lab provides an opportunity for the students to learn the application of the theoretical bases which they covered in the curriculum with the help of our lab's trading simulations.
- The students are specifically instructed to value various equity and debt instruments, select the securities with potential growth and build a portfolio.
- The students are encouraged to learn how to perform fundamental analysis, technical analysis, valuing equity and debt instruments, measuring the portfolio performances and more.
- Evaluate whether the stocks are undervalued or overvalued
- Look into the other economy wide influences on capital market and consider them while decision making in the perspective of an investor.

Features of Finance Lab:

- The lab has 14 well-equipped computers with an installed application called NSE SMART developed by the NSE Academy
- The finance lab provides advanced trading simulation to our students.
- The simulation is designed in a way, where the user feels the trading to be as close to the real stock market.
- The lab enables students to keep track of various securities and trade these securities without the risk of losing real money.

DRDO Lab

Stress has a powerful impact on various aspects of individual's life-not only can it affect our mood, energy level, relationships, and work performance. It can also cause and exacerbate a wide variety of health conditions. Individuals may feel down or anxious and that's normal too for a while. So, it has become imperative that in each sphere of life stress should be managed. Taking into consideration all the negative effects of stress DRDO Lab has been designed to know the stress level of individuals at NIT Kurukshetra. The DRDO Lab consist of given below equipment:

- Spirometer
- Heart rate variability (HRV)
- Body Composition Analyser (BCA)
- Cognitive function assessment

The above-mentioned equipment will help us to assess the physiological parameters. All the physiological parameters will help us to know the heart rate, blood pressure, respiratory rate skin conductance and lung function. Here overall research will help us to know the level of stress by conducting a pre and post analysis for it. The Lab will help us to know the stress level prior to giving the treatment (yoga) and again the results will be checked after it. The observation taken through this Lab will help all type of individual (Teachers, Non-teaching staff and students) that are part of NIT Kurukshetra.

Student Committees and Clubs

The students participate through various committees and clubs in Institute affairs such as Students Advisory Committee, Placement Advisory Committee, Internship Advisory Committee and Alumni Relations Committee. Another Society, MEXPERT is a postgraduate society, mainly formed for the post graduate students of the Institute. Through this platform, students get opportunities to show case their

talents, innovative ideas and learn to foster team efforts. The mission of the society is to create bridge between alumni and present batches for mutual support and cooperation, to transform dormant individual into through extrovert brimming with energy and derive to be leaders propelled by values.

To extract every chunk of talent out into open, by way of never-ending streak of innovative event. There are three Student Clubs of the department i.e. Vyavhaar (HRC Club), Bulls and Bears (Finance Club) and Parivartan (Marketing Club) to develop their skills, knowledge and abilities by updating themselves with the current trends.

Industrial Visits

Industrial visits are one of the major strengths of the department in which students make two visits in a year to acquaint them with corporate working. Students had visited to various companies such as BILT (Yamunanagar), North Indian Railways (Yamunanagar), Parle Biscuits Pvt. Ltd (Bahadurgarh), HMT (Pinjore), Vardhman Mills (Baddi), Yakult Danone (I) Pvt., Ltd (Sonipat), Coca Cola (I) Pvt. Ltd (Saha), Coca Cola (I) Pvt. Ltd (Baddi), Prime Steel process (Ludhiana) and Mahindra & Mahindra Limited, Mohali, Punjab

Summer Training

With the intent of providing Industrial exposure to the students, the department arranges summer training in reputed organizations. Summer training, which is of 6 to 8 weeks' duration, helps in gaining valuable exposure and understanding the corporate world. Some national level companies who are giving summer training to our students are: Tata Motors, Poonam Drums and Containers Pvt. Ltd, Mumbai, RSWM Limited, Sycom projects private limited, BHEL, ONGC, Ernst and Young, Rhi Magnesita India Limited, Delhi art gallery, Gawar construction limited, and Moustache Escapes.

Placement

As a result of the institute's legacy of over 60 years as a premier of centre of technical education, its graduates have enjoyed more than 80% placement. We strive to carry this legacy forward in our MBA programme as well. There is a dedicated team of faculty and students which work together to ensure that the best companies come to the campus. Few of the companies who recruited our students are: Crowe, TravClan, WNS, Tata Autocomp Systems, Ujjiva-Small Finance bank, Tenhard India Pvt. Ltd., orwhit Solution Pvt. Lt., Nahar Industries Ltd. and Tata AIG.

Publications

The Faculty and Research scholars of the Department of Business Administration have publications in National and International Journals, contributions in National and International Conferences, workshops attended and workshops delivered. The students of the department have also been active participators in the fests and seminars.



SCHOOL OF RENEWABLE ENERGY & EFFICIENCY

Coordinator

Dr. Ratna Dahiya

Ph.D.

Associate Professor

Dr. Shelly Vadhera

Ph.D.

Assistant Professors

Dr. Pardeep Kumar

Ph.D.

Dr. Rajesh Kumar

Ph.D.

Dr. Shivam

Ph.D.

Dr. Chandershekara M.

Ph.D.

To be a school to reckon with the state of art knowledge, skills, and academic excellence in the area of renewable energy. To strive to prepare energy professionals for the challenges that lie ahead in a continuously changing world, by offering them different perspectives on renewable energy resources.

Mission

The school of academic excellence for carrying out education, research, development, training and advisory services to provide key inputs for full realization of renewable energy potential with thrust on solar, wind and biomass.

Courses offered

- M.Tech.(Renewable Energy Systems) :Total Intake is 20 per year (Electrical (10) & Mechanical (10))
- Ph. D. in various specializations like utilization of Solar Energy, Wind Energy and other Renewable energy, Performance Analysis of Renewable Energy Resources, Risk assessments of solar and Hydropower Plants, Signal processing and conditioning of Renewable Energy Systems.

The teaching and research supervision work is jointly shared by the faculty members of Departments of Electrical and Mechanical Engineering.

New scheme and syllabi for M.Tech. School of Renewable Energy and Efficiency (SREE) effective from the session 2019-2020 have been approved.

Laboratory & Research Facilities:

- Wind Turbine With Blower Setup
- Solar PV Training Kit
- Solar Thermal Training System
- Solar Concentrator Training System
- Mini Bio-Gas plant
- Weather Monitoring Station

Industrial Collaboration:

An MOU has been signed between New and Renewable Energy Department, Haryana/ HAREDA and National Institute of Technology Kurukshetra, in association with School of Renewable Energy and Efficiency

Student Activities:

- Industrial Visit to National Institute of Solar Energy
- Students are encouraged to take NPTEL courses

SCHOOL OF VLSI DESIGN & EMBEDDED SYSTEMS

Coordinator

Dr.R.K.Sharma

Professor, ECE

Professor

Dr.R.K.Sharma

Professor, ECE

Assistant Professor

Dr.Sudhanshu Choudhary

Assistant Professor, ECE

Dr. Gaurav Saini

Assistant Professor, ECE

Dr. Gaurav Verma

Assistant Professor ECE

Dr. Ashutosh Nandi

Assistant Professor, ECE

Dr. Sudakar Singh Chauhan

Assistant Professor, ECE

Dr. M.P.R. Prasad

Assistant Professor, EE

M.Tech. Courses

The School of VLSI Design & Embedded Systems offers following courses at M.Tech. level:

1. M.Tech.in VLSI Design
2. M.Tech.in Embedded Systems Design

The M.Tech. courses running in the school provide an opportunity to pursue research in their respective areas of interest. After completion of the course, students get employment in industrial organizations, research and development centers, and national and international technical institutions of repute. 48 students of M. Tech (batch 2021-23) got opportunity to do internship in the industrial organizations. Students during their dissertation work are also sponsored for 6-12 months internship in reputed organizations.

Ph.D. Courses:

Facilities of research are offered by the school on approved topics leading to the degree of Doctor of Philosophy. Presently, eight Ph.D. students are enrolled in the school of VLSI Design and Embedded Systems. Total two Ph.D. students have been awarded with the degree PhD in the area of VLSI Design.

Research Facilities:

School has adequate state-of-the-art research facilities in the area of VLSI and Embedded System design. There are a variety of professional EDA/TCAD tools of Synopsys, Cadence, Mentor Graphics and Xilinx. Further school also have MATLAB, LabVIEW and its Supported hardware, FPGA boards of Xilinx-Zynq, Artix, VIRTEX, SPARTAN Series and Intel FPGA Series, Freescale and Atmel microcontroller boards, Computerized Speech Lab (KayPENTAX™).

Following are the list of labs available in School of VLSI Design & Embedded Systems

- a) VLSI Design Lab.
- b) Embedded System Lab.

A. VLSI Design Lab:	
1	EDA/TCAD Tools <ul style="list-style-type: none"> • Synopsys TCAD 2D • Xilinx ISE Design Suite • Xilinx Vivado • Xilinx Vivado-HLS • Xilinx SDK Kit • Quartus (Intel FPGA) • PING LAB (Numerical Computation Software) • Lab View • MATLAB
2	IC Fabrication Facility <ul style="list-style-type: none"> • Provided by SCL Mohali for NIT Kurukshetra
B. Embedded System Lab:	
1	Microcontroller Boards (Atmel, Freescale, ARM)
2	FPGA Boards
	<ul style="list-style-type: none"> • Xilinx FPGA Boards • Intel FPGA Boards
3	Sensors and Transducers Modules
4	National Instruments <ul style="list-style-type: none"> • myRIO-1900 Boards (with wifi) • myRIO kit Sensors • myRIO Mechatronics kit • myDAQ Boards • PitscomyTemp Kit • iWorx Chemistry kits & sensor • myProto Quantity Breadboard • Emona myDSP Amplifier Kit • Vernier Bio Instrumentation Sensor Kit
5	Softwares <ul style="list-style-type: none"> • Xilinx ISE Design Suite • Xilinx Vivado • Xilinx Vivado- HLS • Xilinx SDK Kit • Quartus (Intel FPGA) • PINGALAB (NUMERICAL COMPUTATION SOFTWARE) • LabVIEW • MATLAB
6	CSL (Computerized Speech Lab-KayPENTAX)

Hardware facilities:

Servers/Workstations:

- HCL Workstation (AMD 64-Bit Opteron Processor) - 03 Nos.
- HP Z440 Workstation (Intel Xeon E5-1607, 64-Bit~3GHz,) - 05 Nos.

Desktop Computers:

Lenovo ThinkCentre (Intel Core i7 64-Bit processor) - 45 Nos.

- Printers:- 03 Nos.
- Photocopies Machine:- 01 Nos.
- Projectors:- 02 Nos. (with projection screen)

Research Area(s):

Research is carried out in the following major research areas in the school:

"Low Power Design, Biomedical Signal Processing, Embedded Systems, VLSI Design, Semiconductor Devices, Nanoelectronics, Nano-Scale Devices, Device Circuit Co-Design, Mixed Signal Design, Analog, Circuit Design, Internet of Things (IoT), Security in Embedded Systems, Quantum Architecture, QCA Design, Reversible Logic Design, Fault Tolerance, Low Power Digital Design, FPGA Based Design, Low power and low temperature VLSI design, device circuit co-design in Digital/Analog Domain and Device Modeling of Multigate Semiconductor devices."

Projects:

S. No.	Name of PI/Co-PI	Title of the project	Funding Agency	Period	Amount (INR)	Status
1.	Dr. R K Sharma (PI) Dr. Sudhanshu Choudhary (Co-PI)	SMDP-C2SD	Ministry of Information Technology, Government of India	5 years	94.09 Lakhs	Completed

Industrial Collaboration:

School of VLSI Design and Embedded Systems has signed two MoU with the following leading R&D laboratory/industries to promote collaborative research in multidisciplinary areas:

- Semi-Conductor Laboratory (SCL); an autonomous body under Department of Space, Government of India.
- Freescall Semiconductor, Inc.

Achievements of the School:

- School has successfully designed and fabricated following integrated circuit in coloration with SCL Mohali:
 - 8-bit Vedic Multiplier using CMOS.
 - 8-bit Level crossing Analog to Digital converter.
 - Low-dropout voltage regulators (LDO).
 - Design of Advanced Encryption Standard (AES) 128-bit cipher co-processor chip is in progress.
- PG Students (Batch 2021-23) of the school joined internship in the following companies :
 - Intel Technology India Pvt. Ltd.
 - Qualcomm India Pvt. Ltd.
 - Mentor Graphics (India) Pvt. Ltd.
 - Infineon Technologies India Pvt. Ltd.
 - Synopsys India Pvt. Ltd.
 - Marvell India Pvt. Ltd.
 - AMD India Pvt. Ltd.
 - MediaTek Bangalore Pvt. Ltd.
 - Stryker Global Technology Center Pvt. Ltd.

Other Facilities:

School is also equipped with a small library having collection of selective reference belonging to the area of analog and digital VLSI Design, microelectronics, Testing of Circuits, HDL and different areas of Embedded System Design.

Handbook of Information

CENTRE OF COMPUTING AND NETWORKING

Professor in-Charge

Dr. Mayank Dave

Ph.D.

Technical Officers

Dr. Jagan Nath

Sr. Technical Officer

Sh. Yogveer Singh Lamba

Technical Officer

Sh. Himanshu Reddu

Technical Assistant

Sh. Pawan Kumar

Store Keeper

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

1. Development of the computing and networking infrastructure
2. Maintaining and updating the Institute's website. Development of new bilingual web-portal is under progress.
3. E-mail services for the students, faculty and staff
4. Extending IT infrastructure for online tests for placement of the students
5. Development and operation of online applications
6. Printing and scanning facilities.
7. CCN has equipped with Super computer ParamShavak from CDAC. The students and faculty are utilizing this facility for high end computing.

TIMING OF THE CENTRE:

9:00 AM to 5:30 PM (Monday to Saturday)

CCN remains closed on Sunday and National holidays.

NETWORKING FACILITIES

- **BANDWIDTH:** Campus Wide LAN on OFC backbone supported by two leased lines for internet access
 1. 1 Gbps from RailTel Corporation of India Ltd
 2. 500 Mbps M/s Reliance Jio Infocomm Ltd
- Structured networking supporting 7000 nodes
- Wi-Fi Networking with the support of 3000 concurrent users
- Bio-Metric Attendance System (BAS)
- Installed HoneyPot Sensor (Raspberry Pi) under the project " Scalable Attack Data Capture and Analysis framework for CTI Generation " by C-DAC, Mohali

COMPUTING FACILITIES: HARDWARE RESOURCES

- (a) Servers: 05 (b) Desktop PCs (i7): 160
- (c) Video Conferencing device(s): 05
- (d) Outdoor LED Panels installed at four prime locations in the campus.

Access Control/Security: NEXT GENERATION FIREWALL FORTINET (FortiGate 2000E)

SOFTWARE PACKAGES

1. Antivirus solutions
2. Word-processing: MS office Professional 2016
3. EIGAP Plus (50 User-5 year) including ENVI Single Use Software (ESRI India Technologies Ltd.)
4. FE Analysis Engineering/Multi-Physics Software Solution.
5. MATLAB 2021 Campus Wide

SIEMENS CENTRE OF EXCELLENCE(SCoE)

Head

Dr. Gian Bhushan

headscoe@nitkkr.ac.in

Sr. Technical Officer

Mr. Vishal Gill

sto_scoe@nitkkr.ac.in

NIT Kurukshetra has set up Siemens Centre of Excellence (SCoE) in the field of "Smart Manufacturing Technologies" in collaboration with Siemens Industry Software (I) Pvt. Ltd. & CoreEL Technologies Ltd.

Vision of SCoE

To be a globally recognized & leading centre for skill development, training & translational research for empowering indigenous manufacturing.

Mission of SCoE

- To empower the Indian youth with industry relevant skills in manufacturing technologies by education and training securing rewarding employment opportunities.
- To develop capabilities and building capacity for indigenous manufacturing in collaboration with industry, academia, and government agencies.
- To provide access to state-of the art machinery and software tools for innovative design and developing new manufacturing technologies.

SCoE has 11 laboratories with the latest industry-grade infrastructure to back training, research, and consultancy work. Each laboratory in the centre has distinct capabilities to deal with real-time problems in product design & validation, 2D & 3D modelling, process design, validation & optimization in industry using virtual 3D simulations, soft testing of a system or subsystem to address complex engineering challenges, automation, mechatronics, energy-saving, fabrication, robotic operations, reverse engineering, 3D scanning, CNC machining & precision measurement.

Laboratory Details & Key Infrastructure

Sr. No.	Name of Lab	Key Faculties (Software/Hardware)
1	Design & Validation	Siemens NX, FeMap with Nastran, Solid Edge, Fibersim, Mastertrim, Syncrofit, Teamcentre
2	Advanced Manufacturing	Tecnomatix Plant Simulation, Technomatix Robot Expert, Technomatix Process Simulate, Siemens Jack, Siemens Preactor, Teamcentre
3	Test & Optimization	Simcentre 3D, Star CCM+, Simcentre Nastran, Simcentre Amesim, Simcentre Testlab
4	Electrical & Energy Saving	SINAMICS G120, DC Drive -6RA80, SIMOCODE Intelligent Motor Controller, SIMOCODE TIA, Starter, Demo case for L V industrial switchgear set including MCCBs & Circuit Breaker
5	Automation	S71200 PLC, S7 1500 PLC, TIA Portal
6	Process Instrumentation	Simatic PCS 7 with Flow, Pressure, Level and Temperature transmitters, Control Valves, TIA Portal
7	Mechatronics	Modular Manufacturing System, S7 1200 PLC, TIA Portal with PLC SIM
8	CNC Controller	Sinumerik 808D (Turning & Milling) Controller, Sinumerik 840dsl training rack, Sinumerik Sinutrain
9	CNC Machine	CNC Turning, Vertical Machining Centre (VMC), Force & Vibration Sensors
10	Robotics	Spot, MIG, TIG and Material Handling Robot
11	Metrology	Coordinate Measuring Machine (CMM), 3D Scanner

Handbook of Information

Siemens Centre of Excellence is making visible imprints to explicitly embark progress in building a community and network of trainees, institutions, R&D organizations, and industries contributing towards the vision of centre.

Services Offered

- Short Term Trainings, Faculty Development Programs, On-Demand Trainings
- Internship (4 Weeks to Full Semester)
- Research Work
- Consultancy Solutions (In line with the scope of SCoE)
- Lab Experiments

Milestone Achieved

- Imparted training to approx. 1400+ candidates
- Signed MoU's with 13 Academic Institutions
- Empanelled with DRDO, BHEL & ASDC for research & consultancy work
- Completed 2 project for DRDO



Handbook of Information

CENTRAL LIBRARY

Assistant Librarian : Maniah Garg (M.Lib & inf.Sc., UGC-NET)

Introduction:

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

Library Collection:

Stock	Total as on 31.03.2021	Added during 01.04.2021 to 31.03.2022	Total as on 31.03.2022
Books			
Library	53458	53	53511
Book Bank	78983	45	79028
Total	132441	98	132539
Other Documents			
Back Sets	7097	-	7097
Standards	10097	-	10097
CDs/Video Cassettes	832	-	832
e-Books	11822	-	11822
Thesis	6355	-	6355
Grand Total	168644	98	168742

Library Hours

Reading Facility	:	24x7
Stack & Circulation, working days	:	08:30 AM to 05:30 PM
Saturday & Holidays	:	09:00 AM to 05:00 PM

Print Journals

Total	:	45
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Library Automation System and Web-OPAC

Library is providing automated services in all sections of the Library using KOHA Software. Database of the Library is updated regularly and Readers can search the documents using Web-OPAC (Online Public Access Catalogue) at: <http://172.16.101.63>

e-Shodh Sindhu (eSS)

The NITK Library is a core member of e-Shodh Sindhu Consortium set up by MHRD. Approximately 5200+ e-resources are subscribed/provided through the Consortium. To access online resources in the Institute premises, the library is providing services through internally maintained web server. All these resources/e-journals can be accessed through library Intranet site <http://172.16.0.52>.

E-resources

The e-resources subscribed by the library are as under:

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Sr. No.	Electronic Resources	URL
E-resources provided by e-Shodh Sindhu		
1.	ACM Digital Library	https://dl.acm.org/dl.cfm
2.	ASCE Journals Online	http://ascelibrary.org/
3.	ASME Journals Online	http://asmedigitalcollection.asme.org/
4.	Economic & Political Weekly	http://epw.in/
5.	ISID Database	http://isid.org.in/home.html
6.	JGate Plus (JCCC)	http://jgateplus.com/search
7.	JSTOR	http://www.jstor.org/
8.	Oxford University Press	http://www.oxfordjournals.org/
9.	Springer + Nature	https://link.springer.com/
10.	Web of Science	http://www.webofknowledge.com/
11.	South Asia Archive (NDL)	http://www.southasiaarchive.com/
12.	World Library(NDL)	http://community.worldlibrary.org/?affiliatekey=NDL-AF1230
Directly Subscribed by the Institute		
13.	ACI MCP+ Journal	http://standards.bsbedge.com/home.aspx
14.	AIP(2015-2016)	http://scitation.aip.org/
15.	ASCE Proceedings	http://www.asce.org/
16.	American Physical Society(APS)	https://journals.aps.org/browse.html
17.	Capitaline	http://www.capitaline.com
18.	CUP: Science & Technology	http://journals.cambridge.org/
19.	EzProxy	https://nitkelibrary.informaticsglobal.com/login
20.	Emerald	https://www.emeraldinsight.com/
21.	IEEE/IEL	https://ieeexplore.ieee.org/Xplore/home.jsp
22.	Proquest Database: Thesis	http://search.proquest.com/
23.	Sage Publication: IMeche	http://online.sagepub.com/browse/by/title/
24.	Science Direct Journals with Back Files (Vol. 1 Issue 1)	www.sciencedirect.com/
25.	SciFinder	https://scifinder.cas.org
26.	Springer Journals with (Back Files Engg. & computer Sci)	http://link.springer.com/
27.	T&F: 351 Journals	http://www.tandfonline.com/
28.	Turnitin (for Plagiarism)	http://turnitin.com/
29.	Wiley: 117 Journals (2018)	http://onlinelibrary.wiley.com/
30.	SIAM (2008-2009)	Intranet Version (http://172.16.0.52)

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1.	NPTEL Web & Video Courses	Library Server (http://172.16.0.50/localguru) User Name: library Password: library)
Standards		
2.	ASTM Digital library + Standards	https://compass.astm.org
3.	ASME Standards	http://asmedigitalcollection.asme.org/index.aspx
4.	Indian Standards	https://standards.bsb.co.in
5.	BS Civil Engg Standards (2016)	Intranet Version (http://172.16.0.52)
6.	IEC Standards (upto 2018)	http://standards.bsbedge.com/home.aspx
E-Books		
7.	Cambridge University Press	http://ebooks.cambridge.org
8.	CRC/Taylor & Francis	http://www.tandfonline.com/
9.	EBSCO	http://web.ebscohost.com
10.	Elsevier/ Science Direct	http://www.sciencedirect.com
41	MGH: Access Engineering	http://accessengineeringlibrary.com
42	Springer: Engineering + LNCS	http://www.ebooks.springerlink.com
43	Wiley	http://onlinelibrary.wiley.com
44	World Scientific	http://www.worldscientific.com/
45	CBS Publisher	http://www.cbspd.com
46	Pearson	http://www.pearson.com
47	S Chand	http://www.schandpublishing.com
48	De Gruyter	http://www.degruyter.com

Expenditure (2021-22)

Books	2,12,047.00
E-resources, Journals	2,86,20,920.00
Print Journals	1458.00
Library Expenses	4,18,078.00

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

NPTEL Web & Video Courses

The Library has procured NPTEL Web & Video Courses designed & developed by IITs, in various discipline of Engineering & Sciences for the use of Faculty Members, Research Scholars & Students. Users can access these video courses through Library intranet site <http://172.16.0.50/localguru/>

JGate Plus

J-Gate Custom Content for Consortium (JCCC) is a virtual library of journal literature created as a customized e-journals access gateway and database solution. It acts as a one-point access to 7900+ journals subscribed currently under UGC INFONET Digital library consortium as well as university libraries designated as Inter Library Loan (ILL) Centers besides index to open access journals.

Anti-Plagiarism Software (Turnitin)

The library has subscribed to anti plagiarism software Turnitin for all the Faculty Members, Research Scholars and Students. The users can check the plagiarism of their research papers, articles, thesis, dissertation etc. using this facility.

Library Membership & Loan privileges

Students, Teachers, Research Scholars and staff of the Institute are admitted as members of the library on the recommendation of the Head of the department/section concerned. Library membership forms can be obtained and submitted at the circulation counter in the library. The number of books that may be borrowed by each category of members and the period of loan is as under:

Category of Members	No. of Books Loan	Period
Faculty	20	One Month
Research Scholars	5	One Month
PG	5	One Month
UG	3	14 days
Non-Teaching	5	One Month
Book Bank (All Students)	6-8	Full Semester

UTILIZATION (USE OF LIBRARY)

Number of books issued during 2021-2022	2019
Number of Visitors during 2021-2022	11857

Book Bank Facilities

The Library Book Bank is one of the richest Book Banks in the country. All B.Tech, M.Tech, MBA and MCA students are given 6-8 books for full semester from Book Bank.

Reprographic Facilities

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

Binding

The library has its own bindery. It is equipped with cutting, stitching, spiral binding and lamination machines. During the period under report, it bound and repaired 6245 Books, Institute reports and other binding works.



Central Workshop

Principal Technical Officer

Mr. Lalit Mehra

Organization:

Central Workshop is the central facility of the Institute for all the disciplines of engineering. It is entrusted with the following responsibilities.

- I. Provide training to all B Tech. 1st/2nd semester students, 3rd/4th semester students of Production & Industrial Engineering discipline and 4th/ 5th semester student of Mechanical Engineering discipline.
- II. Provide hand on experience to run the machines & use of equipment in the machine shop, fitting shop, pattern making shop, foundry shop, welding shop, production technology lab & advanced manufacturing lab and other manufacturing process by visual aids.
- III. Helps the students to understand the actual behavior and hardship of the industrial working culture.
- IV. Helps in building the confidence of the students in the various manufacturing processes.

Services:

Provide support/assistance for

- I. Project work - Undergraduate /Post graduate students
- II. Research work - PhD students
- III. Looks after Institute vehicles maintenance
- IV. Looks after Institute furniture repair & maintenance work

Facilities:

The Central Workshop comprises of the following fully equipped shops.

S.N.	Description	Machines & Equipment's
1	Machine shop	29
2	Fitting shop	02
3	Pattern Making shop	09
4	Foundry shop	21
5	Welding shop	21
6	Production Technology lab	18
7	CAM Lab	01



INDUSTRIAL TRAINING AND CAMPUS PLACEMENT / INDUSTRY & INTERNATIONAL RELATIONS

Dean

Dr.S.M. Gupta

PhD

Professor, Department of Civil Engineering

Associate Dean

Dr.Shelly Vadhera

PhD

Associate Professor, Department of Electrical Engineering

INDUSTRIAL RELATIONS

Faculty In-Charge

Dr.M. P.R.Prasad

PhD

Assistant Professor, Department of Electrical Engineering

Assistant SG-I

Mr.Davender Singh

The prime objective of industrial relations team is to fortify the relationship between the institute and the Industries/organizations by nurturing win-win situation for both. In broader notion, the team is pledged to act as a catalyst by advancing synergy between the industry and academics stakeholders, by bridging the hiatus between the knowledge creation and its application. The team connect the future managers with the current one's and provide a platform for active interaction and knowledge sharing. Training and placement cell, Industry cell and entrepreneurship cell are functional under the industrial relations umbrella.

Training and Placement Cell

The Training and Placement Cell (T&P Cell) is a nodal point of contact for companies seeking to establish a conducive relationship with NIT Kurukshetra. The T&P Cell consists of the Faculty In-charge, Assistant SG-I, Placement Coordination Committee (PCC) members and the secretariat. PCC is constituted among the students of different disciplines. The cell initiatives include continuous interaction between industry and corporate to understand their perquisite of knowledge and skill sets. The Cell engages with the industry practitioners by inviting them for guest lectures, industrial visits, on the job training, seminars and arranging for student's projects and internships. The cell acts as a scrum master by providing all the possible assistance to recruiters for Pre Placement Talks, Conducting Tests and Interviews to the company personnel. It also aims to fine tune the students that they require not just for placements but also as they embark on their corporate career.

Internship/Industrial Training/Project Work

All students of UG branches undergo Internship/Industrial Training/Project work during their complete 6th semester. The ratiocination behind this is to offer students a platform to gain first-hand experience of the professional world and a hands-on opportunity to work in their aspiring field. With substantial efforts and collaboration of all Faculty Internship Coordinator and ICC members, 811 students out of 932 have been successfully placed in various organizations for internships during the

Academic Session 2021-22. The T&P Cell also laid major focus on bringing R&D exposure to the students. Indeed, around 19 students have been sent to various DRDO Labs for internship. The Faculty Mentor field visit is an imperative part of this initiative.

The T&P cell in conjunction with DRDO team also conducted a series of lectures under the initiative of Govt of India "Azadi Ka Amrut Mahotsav". The lecture series was open to all UG students.

Campus Placement

The T&P Cell of the Institute liaises with various industrial establishments and corporate houses to facilitate recruitment of graduating students. Placement record of the institute is remarkable. Leading National, International Organizations and PSU's like BEL, BPCL, BEML, EIL, C-DOT, C-DAC visited the institution and recruited students. Major recruiters are Google, Amazon, Adobe, Nutanix, Microsoft, Udaan, Games kraft, Flipkart, Intuit Technology, Urban Company, Meesho, Siemens Healthineers, Goldman Sachs, Nvidia Graphics, SAP Labs and many more. In the academic year 2021-2022, more than 446 companies visited the institute and offered jobs and internship opportunities to the undergraduate and post graduate students of the institute. The highest pay package of Rs. 1.25 Cr. & an average pay package of Rs. 13.89 lacs per annum (CTC).

Industry & Entrepreneurship Cell

Faculty In-Charge

Dr. Gulshan Sachdeva

PhD

Assistant Professor, Department of Mechanical Engineering

The prime objective of Industry Cell is to focus on cooperating with industrial organizations for working on several problems of mutual interest through the faculty members of various departments.

Objectives of Industry Cell are:

- Organizing workshop, seminars and guest lectures on emerging areas to enhance the knowledge of stakeholders and faculty members as per industry demand.
- Identify the industry oriented problems having scope for research collaboration and consultancy.
- To organize industry-institute interaction for helping curriculum upgradation as per demand of industries.

Entrepreneurship Cell is committed towards fostering the spirit of Entrepreneurship among the students. This process is done mostly in three phases, first by conducting Guest Lectures/ Panel Discussions/ Interaction Sessions with budding and well established Entrepreneurs/ Industrialists as well as with those who have made it big in the Corporate Sector; second by organizing Industrial visits; and third by piloting Business Plan workshops & competitions within the Institute. As a cell, the primary aim is to promote and support the Entrepreneurial projects of NIT Kurukshetra Students by facilitating a channel of valuable resources. The Entrepreneurship Cell also tries to provide the students with opportunities for live projects and internships to increase their experience and understanding of the industry.



Handbook of Information

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS SECTION

Prof. in Charge

Prof. Umesh Ghanekar

Professor, Electronics and Communication
Engineering Department

Sports Officials

Mr. Shahabuddin

SAS Officer

Ms. Pallavi Rai

SAS Officer

It is a pleasure to inform you that N.I.T. Kurukshetra is one among a few Institutions in the country to have introduced Physical Education as a compulsory subject (Practical only) for the B.Tech first year Students from the year 2006-07 with a credit 01 in Odd semester and as an Audit Course in the Even semester.

There are two S.A.S. Officers (Student Activity & Sports Officer) appointed in the Physical Education & Sports Section who are available for taking regular Classes for B.Tech 1st Year, apart from that we have a yoga instructor for providing Sports training and giving coaching to N.I.T. students. There are 02 Peons and 03 Groundsmen and 03 Mali who are engaged for maintaining the play field for regular Sports Activities of the students.

In addition to this, the following Games & Sports along with facilities are available for NIT students in the Sports Complex spread over an area of approx. 20 acres.

Name of the Game	Name of the Facilities
1. Athletics	: One standard 400 Mts Track with all track and field facilities
2. Ball badminton	: One court.
3. Badminton	: Two Badminton courts are available Indoor as well as outdoor.
4. Basketball	: One cemented Basketball court in Sports Complex and one in GH
5. Chess	: Chess facility is also available in the sports complex.
6. Cricket	: One Cricket Ground and 02 Nets for Practice
7. Football	: One standard Football Ground with lights.
8. Gymnasium	: One Gymnasium is available both for boys and Girls
9. Handball	: One Handball Ground
10. Kabaddi	: Two Clay Kabaddi Courts one each for Boys and Girls.
11. Lawn Tennis	: One cemented court.
12. Swimming Pool	: Standard olympic size Swimming Pool.
13. Table -Tennis	: Table-Tennis Table facility in the Sports Complex and Hostel.
14. Volleyball	: Two Standard courts with lights and 01 without lights
15. Yoga	: Yoga activities are also carried out in the Sports Complex.

Our Students participate in the following Tournaments.

1. Inter NIT Tournaments.
2. Inter-University Tournaments.
3. Inter-Engineering College Tournaments.
4. Open Tournaments at State and National Level.
5. Inter-Professional College Tournaments.

6. Inter Technology University Sports Association (I.T.U.S.A)

Activities Organized on Regular Basis:

- Annual Athletics Meet:- This year our Institute organized 46th Annual Athletics Meet comprising of near about 50 Events for Students and Staff of the Institute.
- Inter-Year Tournaments:- Conducted in all the Major Games for the students for the promotion of sports.
- Inter-Hostel Tournaments:- Inter-Hostel Tournaments in all the Major Games are conducted to increase mass participation.
- Other Tournaments:- In the long span of its existence the institute has achieved several milestones in the field of Sports participating in various Inter Technologies and collegiate level Tournament. Along with this we conduct Inter Technology University Sports Association (ITUSA) Tournaments and All India Inter-NIT Tournaments each year.
- Association With SOCIAL WELFARE Organizations:- Athletics Meet for Organizations working for a Social Cause for the upliftment and betterment of the Underprivileged Children of our Society like SHIKSHA and CHETANAA are organized from time to time.
- We conduct "YOGA SHIVIR" for the Faculty, Staff and Students of the Institute.
- We also Organize Run For Unity, Swachh Bharat Abhiyan and other Activities as a part of Various National Campaigns.

Physical Education & Sports conducted the following Events/Tournaments in this session.

1. Inauguration of Indoor Badminton Hall on 05th September, 2021.
2. NIT Open Badminton Tournaments for Faculty and Staff on 20th and 21st December 2021.
3. Yoga Shivir was organized 26th to 28th February, 2022 in Hybrid Mode.
4. Organised events on the occasion of International Women's Day on 08th March, 2022.
5. Cricket Matches between Staff and Students both Boys and Girls Categories.
6. NIT Open Badminton Tournaments for Students 02nd and 03rd April, 2022.
7. Power Yoga Camp
8. International Day of Yoga on 21st June 2022, Padamshri Yogeshwar Dutt as chief Guest of the event.

Soon after the reopening of the institute our students represented NIT Kurukshetra in the following Games and Sports in Spardha'21 Sports Fest organised by IIT BHU from 15th to 17th April, 2022.

1. Athletics (Boys & Girls)
2. Basketball (Boys & Girls)
3. Badminton (Boys)
4. Chess (Boys & Girls).
5. Cricket (Boys)
6. Football (Boys)
7. Table-Tennis (Boys)
8. Volleyball (Boys & Girls)
9. Hand Ball (Boys)

This Sports Fest proved out to be very lucrative indeed in which Institute's Badminton (Boys), Basketball (Girls), Football (Boys) and Handball (Boys) Teams Secured the Team Championships (Gold) where as the Athletes bagged 05 Gold, 08 Silver and 09 Bronze Medals with the Girls Athletics Team securing the 2nd position Overall.

Handbook of Information

Distinguished Alumni:

1. Mr. KAPOOR SINGH, also known as Coach K - B.Tech Civil Engineering (1985-1989) with his excellent time management skills very early on enabled him to pursue his passion for Track & Field events even while studying Civil Engineering at NIT Kurukshetra. In the early 1990's, he represented India at the international level as its national champion at 400 meters hurdles.
2. Mr. Arun Fotedar (1984-88) represented up to the level of Ranji Trophy.
3. Mr. Shiven student of Mechanical Engineering Department (2014-18) is an International level Mountain Biker.
4. Mr. Sandeep Sharma a student of Electrical Engineering (1979-84) was an ace Volleyball Player and represented the country in the 1986 Seoul Asian Games as Captain and won the Bronze Medal for the Country.



Handbook of Information

STUDENTS' CLUBS

Professor-in-Charge

Dr. (Mrs.) Pratibha Aggarwal

Professor, Civil Engineering

Faculty-in-Charge

Dr. Shelly Vadhera

Associate Professor, Electrical Engineering

Dr. Yogesh Aggarwal

Assistant Professor, Civil Engineering

Dr. Y. Dwivedi

Assistant Professor, Physics Department

The Students Clubs provide facilities and the right environment to develop extra-curricular skills in the students, in addition to the academic knowledge imparted by the Institute. Students Clubs have all the resources to help the students and pursue their interest in various activities of the clubs. The following clubs are functioning under students clubs.

- 1 Music & Dramatics
- 2 Fine arts
- 3 Postgraduate
- 4 Literary & Debating (Hindi, English and other languages)
- 5 Photography
- 6 Audio and Visuals
- 7 Spicmacay
- 8 Hiking & Trekking
- 9 Colours
10. Sponsorship/Students Activity Centre (SAC)
11. Students club for Social Action (SCSA)

Inter-hostels and inter-institute competitions are organized to inculcate the spirit of healthy competition. In addition to this, a national level mega cultural festival under the name CONFLUENCE is organized every year. Students are also encouraged to compete in cultural activities with other technical Institutes. A talent show of first year students is organized every year to discover their talent.

All these activities are organized by a committee of student secretaries of the clubs and Faculty-in-charge of various clubs under the overall guidance and supervision of President Students Clubs.



Handbook of Information

'Shiksha' Abhiyan under STUDENTS CLUB FOR SOCIAL ACTION (SCSA)

Professor Incharge

Dr. Shelly Vadhera

Associate Professor, Electrical Engineering

Students Club for Social Action (S.C.S.A.), N.I.T. Kurukshetra, is dedicated towards the cause of providing quality education and overall development of kids of mess workers and underprivileged sections students around the college premises. It was established in 2006 by B.Tech students Veena Goyal and Ankit Singhla, and since its foundation, it has been marking new benchmarks and spreading its cause to higher magnitudes. Prof. P.C. Tiwari, Prof. Shelly Vadhera and Prof. Pratibha Aggarwal overlook the activities. The student volunteers of the club provide free education to kids every day from 5:00 PM to 6:00 PM on the college premises. Apart from regular teaching, they also organize monthly tests, sports activities, art and craft competitions, science exhibitions, and educational tours to promote children's overall physical, mental and social development. Particular focus is given to weaker students. Apart from covering school syllabus, children are also prepared for competitions like JEE, N.D.A. and olympiads. Students who have been taught under the initiative have brought laurels, Suraj was admitted to N.I.T. Kurukshetra in 2022, and Priyanka was admitted to Kurukshetra University in 2021. A rural area student from 2015-16 batch cleared JEE Mains with rank 60K in general rank list and 15K in category list. Viraj has secured district topper position in class 12th. Sanjana has secured school topper position. Many students have cleared NDA and Airforce exams. Some students have cleared Navodaya entrance exams. Some of the Shiksha students have secured government jobs.

Student Club for Social Action organized an art and craft competition for students in N.I.T. Kurukshetra's cultural fest Confluence. In the competition and put forward a terrific show of their creativity. In line with the vision to promote overall development and encourage participation in cocurricular activities to boost confidence, a dance performance was prepared and presented by the students during the Best of 2k19 event held in Open Air Theatre.

S.C.S.A also organizes science exhibition and 'Shikshaangan' which is like mini Confluence to give them a platform for showcasing their abilities in this high-value platform. S.C.S.A also provides scholarships to students. In 'Shiksha' abhiyan, there is a special cell for those students who have problems with their basic study like ABCD, and tables.

In N.I.T. Kurukshetra technical fest Techsparda S.C.S.A organizes an event called 'Make-A-Wish' in which every student of Shiksha give three wishes and one of them is fulfilled. The cause of this event is to provide a smile on the faces of children who can't afford those wishes. S.C.S.A also organizes sports event.

S.C.S.A. took another unprecedented step towards its vision to promote overall development and help educate kids from weaker sections with their tremendous efforts.



Handbook of Information

TECHNICAL SOCIETIES

Professor in-Charge

Dr. Saurabh Chanana

Associate Professor, Electrical Engineering

Faculty in-Charge

Dr. Ritu Garg

Assistant Professor, Computer Engineering

VARIOUS TECHNICAL SOCIETIES

There are official technical societies of all the departments of engineering. These societies function with the objective of enhancing the technical acumen of the students aiming to bring their core technical competencies in alignment with the national benchmark. Besides, there are several technical clubs that are active in conducting various practical technical activities throughout the year through workshops, where students get a chance to work with hands and get practical knowledge and working experience of the various fields of engineering. These societies and clubs are as following:

Sr. No.	Society/Club Name	Faculty -in-Charge
1.	Electroreck	Dr.Sandeep Kakran
2.	Infrastructure	Dr.H. D. Chalak
3.	Maxperts	Dr.Sarika Jain
4.	Mechsoc	Dr.Rajneesh
5.	Microbus	Dr.T. N. Sasamal
6.	Technobyte	Dr.MohitDua
7.	AeroModelling Club	Dr.Jatinder Kumar
8.	Astronomy Club	Dr.Yogesh Aggarwal
9.	Embedded System and Robotic Control (EMR) Club	Dr.GauravVerma
10.	Innovation and Incubation Club	Dr.ChhaganCharan
11.	Industry and Entrepreneurship	Dr.GulshanSachdeva
11.	Standard Club	Dr.H. D. Chalak

Through the activities of these societies and clubs, students are able to enhance their organizational and communication skills. They interact with alumni, industry, research labs, government and non-government organizations. These interactions help them in coming up with innovative ideas, develop new products and indulge in research.



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HINDI LANGUAGE AND MORAL EDUCATION

Faculty In-Charge

Dr. Rajesh Kumar

Assistant professor, Mechanical Engineering Department

भाषा संस्कृति का प्रतिबिम्ब होती है, और इसीलिए हम अपनी सांस्कृतिक पहचान को जीवंत रखने हेतु अपनी भाषा का सदैव संरक्षण और संवर्धन करना चाहते हैं। वैसे तो हम हर दिन अपनी मातृभाषा हिंदी के साथ अपने विचारों को प्रकट करते हैं लेकिन कुछ माध्यम ऐसे भी होते हैं जिनसे हमारी रुचि हिंदी के महात्म्य को समझने के लिए और भी बढ़ जाती है। छात्रों द्वारा संचालित अग्रणी छात्र समितिओं में से एक अनामिका एनआईटी कुरुक्षेत्र में एक ऐसा ही माध्यम प्रदान करती है जिसके द्वारा विद्यार्थी खुद को अपनी मातृभाषा हिंदी से जोड़ पाते हैं। इसका उद्देश्य हमारी राष्ट्रभाषा को बढ़ावा देना एवं सभी को हिंदी भाषा से अवगत कराना है। इसी उद्देश्य की पूर्ति के लिए अनामिका द्वारा 'उत्कर्ष' नामक एक उत्सव प्रत्येक वर्ष आयोजित कराया जाता है। इस वर्ष उत्कर्ष का आयोजन 30 सितम्बर-2 अक्टूबर को किया जाएगा एवं इस वर्ष उत्कर्ष का मुख्य विषय 'शून्य से शीर्ष' तक तय किया गया है। इसमें विभिन्न कार्यक्रम एवं प्रतियोगिताएं आयोजित की जाती हैं जिनमें एनआईटी कुरुक्षेत्र के छात्र बड़-चढ़कर भाग लेते हैं। अनामिका उत्कर्ष सहित हिंदी दिवस के अवसर पर हिंदी पखवाड़े का भी आयोजन करती है जो राष्ट्र भाषा को बढ़ावा देने एवं उसके अनुष्ठान करने हेतु मनाया जाता है। हिंदी पखवाड़े का आयोजन 16-29 सितम्बर के दौरान किया जाएगा। 'उत्कर्ष' के इस त्रि-दिवसीय कार्यक्रम का उद्देश्य युवा पीढ़ी में हिंदी के प्रति जागरूकता लाने का होता है। एक भाषा के रूप में हिंदी न सिर्फ भारत की पहचान है अपितु हमारे जीवन के मूल्यों, संस्कृति और संस्कारों की सच्ची संवाहक, संप्रेषक और परिचायक भी है। पूरे विश्व में भारतीय संस्कृति और इतिहास के प्रचार प्रसार का श्रेय हिंदी भाषा को जाता है। इसी हिंदी भाषा से आज के पीढ़ी को जोड़े रखने के लिए हमारे संस्थान में हिंदी पखवाड़े के दौरान कई प्रतियोगिताओं का आयोजन किया जाता है। कार्यक्रम का आगाज छात्रों द्वारा गायन, नृत्य और कविता कौशल दिखाकर किया जाता है। द्वितीय दिन कई आकर्षक प्रतियोगिताओं का आयोजन किया जाता है। इनमें से कुछ प्रतियोगिताएं निम्न हैं।

- ❖ रणभूमि
- ❖ कविता लेखन
- ❖ कविता पाठ प्रतियोगिता
- ❖ नृत्य प्रतियोगिता
- ❖ कला प्रदर्शनी
- ❖ गायन प्रतियोगिता
- ❖ वाद्य वादन प्रतियोगिता
- ❖ वाद विवाद प्रतियोगिता

इन सभी स्पर्धाओं में संस्थान के विद्यार्थियों ही नहीं बल्कि दूसरे संस्थान के छात्र भी बड़-चढ़ कर भाग लेते हैं। इन सभी आयोजनों से हिंदी भाषा के उस पहलू से परिचय किया जाता है जोकि काफी रोमांचक और मजेदार है। इस उत्सव के अंतिम दिन सभी विजेताओं को पुरस्कृत किया जाता है तथा हमारे संस्थान के माननीय निदेशक हम सभी छात्रों को मार्गदर्शन प्रदान करते हैं।



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MEDICAL AND OTHER FACILITIES

HEALTH CENTRE

Professor-in-charge	Prof. O.P.Sahu
Senior Medical Officer	Dr. Minati Raut
Medical Officer	Dr. Sumit Kumar Guin
Medical Officer	Dr. Rishu Saxena
Dental Surgeon (on contract)	Dr. Richa Passi

About NIT Health Centre

The multifarious medical needs of the Campus population consisting of Students, Staff members and members of their families are met by the Institute Health Centre. The Health Centre is headed by the Head (Hospital Services) with a team of Medical Officers and Para Medical staff.

FACILITIES:

List of facilities available at NIT HEALTH CENTRE: OPD:

In OPD, clinical consultation is provided to patients which includes history taking, clinical examination, diagnosis and providing prescription to patients besides advising laboratory tests in some cases. The Institute has empanelled doctors of various specialities working in the city who would not charge CONSULTATION FEE from the patients on referral slip issued by doctors of NIT Health Centre. Consultation fee is paid by the Institute. Cashless Medical Insurance Scheme (Group Mediclaim Insurance Policy) has been implemented for the employees, their dependants and students of NIT Kurukshetra.

Dental Facility:

An experienced Dental Surgeon provides procedures like Dental Extraction, RCT, Scaling/Cleaning, Fillings etc.

Laboratory Services:

Routine investigations are carried out at the Institute Health Centre. One pathological Lab is empanelled to carry out specialised tests. Microbiology tests are referred outside.

Pharmacy:

Routine medicines are available for faculty, non-faculty staff members, their dependents and students. Medicines are dispensed on the prescription of SMO/MO, Health Centre.

Radiology/X-Ray facility:

Digital X-Ray's are done on the prescription of SMO/MO, Health Centre during OPD hours. (9:00am to 1:00pm) and (3:00pm to 5:30pm).

ECG Services:

Computerized ECG services are available at the Health Centre during OPD hours. (9:00am to 1:00pm) and (3:00pm to 5:30pm).

Ambulance Services:

Patients are transported from Health Centre to local Govt. Hospital/Empanelled Hospital/Govt. Medical Institutes for specialized management.

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Casualty/Triage:

A well-equipped casualty with 08 beds (04 bed in Female ward & 04 bed in Male ward) is available for emergency cases. Treatment of various diseases such as typhoid, acute gastroenteritis, COPD, bronchial asthma malaria, dysmenorrhea, acute colic etc. are given.

Observation and management is done according to seriousness of cases as decided by the treating doctors as per facilities available. Serious cases are referred to higher centre/empanelled hospital/Govt. hospital after giving preliminary treatment.

Empanelled Doctors of various specialities:

Sr. No.	Name of the Doctor	Field of Specialization	Contact No.
1.	Aggarwal Nursing Home Salarpur Road, Kurukshetra	Multispecialty	9896050546
2.	Cygnus Hospital Opp. Kassal Mall, Kurukshetra	Multispecialty	8396961222
3.	Apna Hospital,	Multispecialty	9354522220
4.	Saraswati Mission Hospital	Multispecialty	9468009020
5.	RadhaKrishan Children Hospital	Multispecialty	7206029576
6.	Shri BalajiAarogyam Hospital	Multispecialty	9466063671
7.	Anand Orthopaedic Centre	Orthopedic	9896038320
8.	J.P. Bharal Hospital	Orthopedic	9992377525
9.	Gandhi Nursing Home	Orthopedic+Detal	9896101599
10.	SinghalBhawan (Hospital)	Physician	9812132732
11.	Sethi Nursing Home	Physician	
12.	Kurukshetra Nursing Home	Physician, Cardiology	9416039397
13.	B.S. Heart Care Hospital	Cardiology	9991118281
14.	Kedar Children Hospital.	Child Specialist	9812273737
15.	Pawan Surgical Hospital	Surgeon	9812031635
16.	Surender Mehta Surgical and Maternity Hospital	Surgeon	9812283184
17.	Dua Dental Clinic,	Dentist	9416035422
18.	Aggarwal Dental Clinic	Dentist	9896001916
19.	Healthy Mouth Dental Clinic	Dentist	9355304410
20.	Virk Nursing Home	ENT	9416035036
21.	Lalit ENT Hospital	ENT	9466468841
22.	Bansal Eye Clinic	Eye	9466296955
23.	Saini Eye Care Centre	Eye	01744-227050
24.	Ankur Nursing Home	Eye/O & G	9896248149
25.	Ashirwad Nursing Home	Ortho + O & G	9896217722
26.	Atul Clinic	Gynecologist	9896248064
27.	Sobti Nursing Home	Eye & Dental	9896362621
28.	Chandigarh Children Hospital	Pediatrician	9255366224
29.	Bhardwaj Hospital	Pediatrician	
30.	Life Line Physiotherapy Clinic	Physiotherapist	
31.	Health Care Physiotherapy Clinic	Physiotherapist	9354168115
32.	Mittal Path Lab	Pathologist	9315394565
33.	Bansal Skin Care Clinic	Skin	01744270972
34.	Dermawave Skin Lazer	Skin	7206536065
35.	Neuropsychiatry Clinic	Psychiatry	01744-220646

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36.	Jhamb Chest and Dental Clinic	Chest, Dental, Asthma, Allergy & T.B. Specialist	
37.	Jiva Skin Clinic	Skin	
38.	Uddyot Advanced Dental Care	Dentist	
39.	Harsh Hospital	Pediatrician	8950708799
40.	Archna MRI Centre	MRI	9466720131
41.	New Apna Hospital	Orthopedic	
42.	Maharaja Agarsen Hospital		
43.	Aarogya Dental Care Centre	Dentist	
44.	Shri Swami Anant Prakashanand Memorial Dharmarth	Eye & Physiotherapy	

Ambulance Services:

Patients are transported from Health Centre to local Govt. Hospital/Empanelled Hospital/Govt. Medical Institutes for specialized management.

OPD Hours:

Timings
<p><u>Monday to Friday.</u></p> <p>Morning : 9:00 am to 1:00 pm</p> <p>Evening : 3:00 pm to 5:30 pm</p> <p>*5:30pm to 8:30pm (emergency OPD)</p> <p><u>Saturday</u></p> <p>Morning : 9:00 am to 1:00 pm</p> <p><u>Sunday</u></p> <p>Morning : 9:00 am to 1:00 pm</p> <p>Gazetted Holiday : 9:00 am to 03:00 pm</p>



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NATIONAL CADET CORPS (NCC)

DG NCC	New Delhi under Ministry of Defence Govt of India
State NCC Directorate	HR,HP,PB & CHD
NCC Group HQ	Ambala
NCC Battalion	Kurukshetra (Army), Karnal (Air Force) and Faridabad (Navy)
Institute	National Institute of Technology, Kurukshetra (Haryana)
Associate NCC Officer (ANO)	Major V.K Bajpai, Professor, Mechanical Engineering
NCC (Army Wing) regular unit	

New Initiative by the Institute: The Institute has applied to NCC directorate for three companies (one company strength is 160 cadet) of NCC each in Army, Air Force and Navy in Fully Self Finance Scheme (FSFS) category. The enrollment of B.Tech Ist year cadets may start from academic year 2022-23 if permission is received by the institute from the directorate. Accordingly, following Care Taker Officers (CTOs) are appointed by the Institute for different NCC wings

CTO NCC (Air Force wing) Dr Chhagan Charan, AP, ECE Department

CTO NCC (Navy wing) Dr Ashutosh Nandi, AP, ECE Department

CTO (Army wing) Mr Shahabuddin, SAS Officer

Introduction:

The NCC is a vibrant youth organization, which has made a commendable contribution in producing responsible and patriotic citizens. From a small beginning, today it has grown to the largest youth organization. NCC motivates and trains upcoming generations to render their meaningful contribution towards national integration and development.

The Senate of the Institute in its 10th meeting held on 29-11-2007 approved NCC as an alternate course to Physical Education and Sports for the students of B.Tech Ist year with effect from session 2008-09. From the session 2018-19, the course code is integrated with Sports and Physical education. In current scheme, the course is of one credit in 1st semester (Course code: SWIR-11) and another NCC course is an audit course in 2nd semester (Course code: SWIR-12). The allotted strength of NCC cadets in the institute is one platoon (54), which includes cadets from NCC 2nd year and NCC 3rd year. It is voluntary to join NCC in first year, but once joined, the cadet will have to complete NCC courses as mentioned.

Selection & Reservation: Induction of students in NCC is based on physical fitness, psychology and general aptitude. 33% seats are reserved for girl students

Institutional Training is imparted on every Wednesday and Thursday beyond class hours or in the morning or in the evening by defence officers from NCC Bn, cadets get payment for refreshment as per NCC rules.

Training areas are

- Drill
- Map reading
- Weapon training
- Physical fitness etc.

Classroom lectures by experts on topics like

- Field Craft

- Battle craft
- First aids etc

Cadets may have to participate in social activities like

- Anti dowry awareness
- Tree plantation
- Disaster Relief
- Blood Donation
- AIDS Awareness
- Adult Education
- Pulse polio
- Yoga

In the month of February, certificate examinations for 2nd year and 3rd year NCC cadets are conducted by NCC directorate.

NCC Camps

It is compulsory for the cadets to undergo at least two training camps of NCC, each of about 10 days duration, in 2nd year and 3rd year. Aim of NCC camp is to expose the cadets to regimental way of life along with physical and mental hardship for the overall development of their personality. Regular Army officers organize the different type of NCC camps.

Eligibility for certificate Examinations

Eligibility to appear in the 'B' certificate examination is that

- i. the cadet must have attended at least 75% of total parades held in the first year in the Institute.
- ii. the cadet must have attended at least 75% of total parades held in the second year.
- iii. the cadet must have attended one NCC training camp in 2nd year.

Eligibility to appear in the 'C' certificate examination is that

- i. the cadet should have passed 'B' certificate examination
- ii. the cadet should have attended at least 75% of total parades held in the 3rd year.
- iii. the cadet must have attended one NCC Annual Training Camp (ATC) in 3rd year.

Three years training of NCC in the institute and camp exposure enables cadets to obtain 'B' and 'C' certificates of NCC after qualifying the respective examinations, conducted by NCC Directorate. These certificates are of immense value for the the students in moulding their future career.

Financial Assistance

NCC also offers financial assistance to meritorious and needy students in the form of scholarships awarded by the DG NCC and other organizations.



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NATIONAL SERVICE SCHEME (NSS)

Faculty In-charge

Dr. Vijay Verma

Assistant Professor, Computer Engineering Department

National Service Scheme, popularly known as NSS is an extension of activities to the higher education system to orient the student youth to community service while they are studying in education institutions, under the aegis of Ministry of Youth Affairs & Sports, Govt. of India.

NSS Headquarter: New Delhi

Overall Objective:

Development of Student's personality through community service.

Obligations of NSS Volunteers: To work for two continued years along with their studies, putting in 120 hours service each year and participating in one special camping programme.

Joining NSS: Simply by enrolling/registering yourself in NSS unit through the Programme Officer concerned.

Will NSS have any adverse effect on my studies? No. NSS will not have any sort of adverse effect on your studies rather it refines thinking/reasoning power yielding better result in studies.



PUBLIC RELATIONS OFFICE

Prof. In-charge

Dr. Vikas Mittal

Associate Professor

Electronics and Communication Engineering Department

Frame work of Public Relations Office

- Keeping record of all the major activities conducted in the Institute.
- Interaction with the Media and Press.
- Issue of press release of detail of the activities such as Convocation, Seminars, Workshops, Technical and Cultural events etc.
- Organization of press conferences for interaction between Hon'ble Director of the Institute and Media persons to brief them about the progress & development of various activities and new initiatives taken by the Institute.
- Any other duty as assigned by the institute administration.



VIDYA LAKSHMI PORTAL FOR SCHOLARSHIPS AND EDUCATIONAL LOANS

With a view to enable all poor and middle class students to pursue higher education of their choice without any constraint of funds, the Govt. of India has set up a fully IT based Student Financial Aid Authority to administer and monitor Scholarship as well Educational Loan Schemes, through the Pradhan Mantri Vidya Lakshmi Karyakram. This is to ensure that no student misses out on higher education for lack of funds. The IT based mechanism provides to students a single window electronic platform for Scholarships and Educational Loans.

Vidya Lakshmi is a first of its kind portal for students seeking Education Loan. This portal has been developed under the guidance of Department of Financial Services, (Ministry of Finance), Department of Higher Education (Ministry of Human Resource Development) and Indian Banks Association (IBA). The portal has been developed and being maintained by NSDL e-Governance Infrastructure Limited, Mumbai. This Portal is totally students-friendly and students can view, apply and track the education loan applications to banks anytime, anywhere by accessing the portal. The portal also provides linkages to National Scholarship Portal.

Those students who are interested to apply for educational loan and/or national scholarships may visit the Vidya Lakshmi Portal at www.vidyalakshmi.co.in



CASHLESS MEDICAL INSURANCE SCHEME

The Institute has adopted Cashless Medical Insurance Scheme through United India Insurance Co.Ltd. for on-roll students of UG/PG/Ph.D (regular). The objective of this scheme is to provide enhanced hospitalization benefits to on-roll students of the Institute with full contribution and flexibility for treatment across the country.

Students are required to pay the contribution along with the fee as premium. The Insurance company will provide assured cover under the policy. The insurance company makes arrangements with an extensive network of reputed hospitals all across the country for treatment with cashless facilities. The list of hospitals is provided to the beneficiaries.

Identity Cards are issued to all the students covered under the policy by the Insurance Company.

General Administration Section of the Institute deals with the matters concerning insurance under this policy.



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STUDENT MENTORSHIP PROGRAM

The Student Mentorship Program has been introduced in the Institute from the academic session 2017-18 with the primary objective of enabling constructive and positive interaction, guidance and mentorship of students by the mentor faculty.

Faculty mentors can play an integral role in observing and monitoring student progress and serve as guides throughout students' stay in the Institute. Besides, the peer-to-peer mentorship and tutoring also may work well, since students feel comfortable with other students. Accordingly, the B. Tech. students of each engineering department have been divided into groups, keeping in view the proportionate strength of the teachers of respective departments, with each group comprising almost equal number of students from second, third and final years. The number of students in each group is in the range of 15-20. Every next year the passing out final year B.Tech. students will be replaced by equivalent number of new students entering second year in the branch. Each group is assigned one faculty mentor from the respective engineering department who will remain associated with the group, as mentor, for the entire duration of the stay of the student. Thus, the mentoring process emphasizes 'vertical' integration with senior students mentoring juniors and facilitating student-faculty interactions with faculty acting as mentor to the student groups.

The B. Tech. first year students have been divided into groups, section-wise, to be mentored by the faculty members from the departments of Physics, Chemistry, Mathematics and Humanities & Social Sciences, as most of the courses in B.Tech. First year are related to and taught by these departments.

The mentor-mentee process can help establish a close relationship with the students, orienting them regarding institution practices and monitoring their progress through semesters. Students in all four years may need this guidance as different problems develop at different times. The relationship is more informal than formal, allowing students to ask for help when they need it and share their problems without fear. The Faculty mentor could identify any academic or non-academic reasons for a student's weak or declining performance, and accordingly advise her/him on appropriate remedial measures. The Faculty mentor can also mediate between a student and other faculty, if necessary, or seek help from HoD, Dean, Director or any other official and get in touch with parents when necessary.

The following guidelines are observed in the Mentor-Mentee process:

- The groups which are formed function as mentor- mentee network. A student should feel free and be encouraged to approach his / her faculty mentor, when facing any kind of problem, whether academic / non-academic.
- Mentor faculty hold meetings with all the students in the group at least once in a month, except during vacations, and keep record of all such meetings and issues raised therein.
- The mentor faculty address the issues / complaints / concerns of the student(s) of the group and try to resolve / provide the solution, to the extent possible, with the help of the concerned faculty/staff/official of the Institute.
- The specific issues which require the attention of higher authorities, can be brought to the notice of higher authorities through the respective HoD for possible redressal / solutions.
- The name of the student(s) providing feedback / raising any specific issue, may not be disclosed, if it is so felt.



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STUDENT'S COUNSELLING

In today's highly competitive environment, the growing pressure to excel in every sphere, often leads to psychological turmoil in a person. If we consider the case of engineering students, after the triumph in one of the toughest exams in the country, when the adolescent students enter the elite engineering institutions like IITs and NITs adjusting to the new environment and managing academic, personal and social demands, may induce high levels of stress and anxiety. In an institution of national importance like NIT Kurukshetra, which attracts students from all over the country and abroad, these stressful situations may surface all the more frequently, because a student is away from his/her protective social environment. There have been a few such cases in the Institute in the recent past. Although the teachers are generally available for mentoring and counselling, a specialized, professional approach was required to help students deal with specific psychological problems and execute appropriate follow-up procedure. Realizing the fact that a Counselor with professional training is much better equipped to help the students deal with a wide range of concerns, including tackling personal, emotional, family and peer related problems, as well as managing the challenges of maintaining a high level of academic performance, the appointment of a Counsellor - a qualified psychotherapist - was, therefore, considered very necessary.

Psychological issues are not limited to the students alone; the faculty, the staff and their dependents often succumb to the rigors of life and seek expert advice in overcoming them. Therefore, for them as well, the service of a professional Counsellor is most desirable.

In view of the above, a qualified Counsellor-Dr. Chhaya Tomar, having Ph.D Degree in Clinical Psychology; MA(Psychology); Advanced Diploma in child Guidance & Counselling and PG Diploma in Mass Communication, has been engaged on contract basis for a period of one year, who is providing counselling services to the students of the Institute.



HOSTELS

1. INTRODUCTION: ABOUT THE HOSTELS

National Institute of Technology Kurukshetra offers Hostel facilities for the students with the primary objectives of inculcating virtues of togetherness, self-confidence and discipline. Hostel accommodation is provided for Boys and Girls students by the Institute, as per the availability of rooms. The Hostel Rules and Code of Conducts are to ensure a secure and peaceful environment for students to learn. All hostellers are required to strictly abide by the rules and conducts. The institute has 11 boy's and 04 girls' hostels. For B. Tech. students (Boys), eleven hostels are available having approximate total capacity of 3770 seats. These hostels are having single, double and triple seated rooms. The Vivekanand Bhawan (Hostel no. 11) includes 100 rooms for foreign students, research scholars and married research scholars. All rooms in the hostels have been provided with furniture and ceiling fans. Each hostel is a self contained unit with its own mess and common room. Common room facilities include newspapers, magazines, indoor games and a color television set. Common gymnasium, open gymnasium, Badminton courts, volleyball, basket ball and table tennis courts are also available in some of the hostels. There are four girls hostel having approximate total capacity of 1200 seats. There are single, double and triple seated rooms in these hostels.

2. HOSTEL MANAGEMENT

The Hostel Management team includes Chief Warden (Hostels), Deputy Chief Warden(s), Warden(s) and student members of MHMC of respective hostels. Hostel supervisors (HS) and Assistant Hostel supervisors (AHS) assist the management team.

The Hostel Management team will be responsible for the proper functioning of the affairs of the Hostels including day-to-day operations and administration of all hostels.

The students can approach any of the following officials for help, guidance and grievance redressal. Representations to higher officers, if any, must be forwarded through proper channel.

3. HOSTEL ADMINISTRATION (AY 2022-2023)

Kindly see the Appendix 'A'

4. DUTIES AND RESPONSIBILITIES OF OFFICIALS

The duties and responsibilities of officials will be as under:

(A) CHIEF WARDEN (HOSTELS)

The Chief Warden (Hostels) shall be appointed by the Director of the Institute. The Chief Warden is the highest authority of the hostels. He is responsible for managing and conducting the affairs of the hostels. He/She will be the overall administrative Head of the hostels and will report to the Director of the Institute. The Deputy Chief Wardens and all the Wardens will work under the supervision and directions of the Chief Warden. He/She will take steps and measures for overall efficiency of hostels' administration and will formulate and implement policies, rules and regulations to be followed by hostel residents. He/she will also be responsible to implement the decisions taken by the Director. The Chief Warden will be free to take advice from Deans, HoDs & Sectional heads in case of need arises. In order to maintain discipline and security, the P/I Security/Security Officer of the institute will extend all possible support and help to the Chief Warden.

(B) DEPUTY CHIEF WARDENS (DCW(S))

The Deputy Chief Warden shall be appointed by the Director of the Institute in consultation with the Chief Warden. Deputy Chief Wardens (DCW (s)) will supervise the activities taken up by the Wardens and perform the duties assigned by the Chief Warden from time to time. The DCWs will work under the supervision and directions of the Chief Warden. They will periodically visit the hostels and be in contact with the Wardens, Hostel staff and students. DCWs will advise the Wardens on the academic and co-curricular events hosted in the hostels. They will report to the Chief Warden in all relevant

cases of purchase, indiscipline, violation of rules etc.

(C) WARDENS:

- i. The Wardens of all the hostels of the Institute shall be appointed by the Director of the institute in consultation with the Chief-Warden. Every hostel has at least two Wardens.
- ii. The Wardens preside over the administration of a hostel and functions under the overall charge of the Chief Warden. The Warden will be regularly available in the hostel office to address the students concerns.
- iii. The Wardens will keep close contact with the residents and will pay attention to all the matters relating to health, hygiene, and sickness, quality of food, sanitation and cleanliness. He/She is the local guardian of the students and is responsible for their moral, mental, and physical well being.
- iv. The Wardens will ensure the general well being of the student residents in their hostels and to handle situations of emergency as and when they arise.
- v. The Wardens will ensure maintenance of discipline and decorum in the hostels
- vi. The Wardens will allot hostel rooms to the students and are authorized to transfer a resident from one room or one residential block to another.
- vii. They will supervise the functioning of the Mess and the working of the Mess Staff, purchase and procurement of mess stores, provisions, accounts etc.
- viii. The wardens will be available in the hostel office as and when required during working days and any time during Saturdays/Sundays/Holidays to attend official business and residents' problems.
- ix. The Wardens will be accountable to the DCW/CW and will work under their guidance and control.
- x. The Warden will have the transaction powers in his/her hostel and will do expenditure in consultation with Mess cum Hostel Management Committee (MHMC).
- xi. Wardens will take action for the eviction of defaulting resident students in consultation with the Chief-Warden for non-payment of mess bill misconduct, un-ruling behavior etc. The wardens can order double-locking of rooms of resident students and their re-opening, if required.
- xii. The wardens will be responsible for the overall discipline and security of the hostel and will coordinate with the Security Officer for the same.
- xiii. The wardens will periodically verify all the stocks (consumable and non-consumable) with the assistance of the Office staff. All the relevant registers shall be produced for the inspection by centralized stock verification team, audit, Chief-warden etc.
- xiv. All the hostel staff like Hostel Supervisors and Assistant Hostel Supervisors and the mess staff like Mess Supervisors, Head Cook etc. are under direct control of hostel warden. Wardens may issue warning letters to them if they found involved in any unauthorized activities/not performing their duties. Three consecutive warnings may invite stringent action against them. Wardens should submit confidential report of Hostel supervisors/Assistant supervisors for every semester.
- xv. The wardens will examine the monthly revenue and expenditure statement of the hostel. Wardens have right to invest the money in fixed deposits in bank or post-offices in consultation with CW office. The information of such fixed deposits should be sent to the chief warden office.
- xvi. The wardens may stop mess facilities in respect of residents defaulting payment of mess

bills and recommend action to the Chief Warden for eviction. The wardens will stop mess facilities in respect of those who have vacated the hostel or have been evicted. Wardens have right to open/break the resident room lock in case of any emergency, however, report of such incident need to be submitted to the Chief Warden office.

- xvii. The wardens will arrange disposal of empties, crockery etc. and ensure depositing of sale proceeds in the appropriate head of account.
- xviii. Wardens should check complaint box regularly.
- xix. All the files related to workers should be kept safe and with the Warden. No worker on contract/daily wages/subsequent will be placed in the hostel without proper approval of Chief-Warden. Wardens should ensure the proper hostel documentation (Aadhaar card/service record/identity, if provided etc.) of staff.

5. **MESS CUM HOSTEL MANAGEMENT COMMITTEE (MHMC)**

- i. There shall be a Mess cum Hostel Management committee (MHMC) in each hostel which will comprise of six or more students nominated by the Wardens, or elected by the residents students as per policy laid down. The hostel wardens are the chairpersons of the MHMCs of each hostel.
- ii. MHMC meeting shall be presided over by the Warden(s). Tenure of the committee will be one academic year. MHMC will be approved by the DCW. There will be one Central MHMC, consists of all Deputy Chief Wardens, Wardens, 3 students from MHMC of Kalpana Chawla Bhawan (KCB) & Hostel No. 10 and 2 students from each MHMCs of all other hostels. The meetings of the committee will be chaired by one of the DCW and will be co-chaired by other DCWs.
- iii. If required, the Central MHMC will study and discuss the recommendations made by MHMCs of different hostels and will make final recommendations. The recommendation will be submitted to Chief Warden for approval and further necessary action.
- iv. The students, as and when put on MHMC, shall be responsible for the following:
 - To ensure quality and quantity of the food items received in accordance with the purchase order and to check and process the bills on respect of the daily items received from the suppliers.
 - To perform any other duty assigned to them by the Warden.
 - To sign in a register kept with the Hostel Supervisor / Asst. Hostel Supervisor to record that they were on duty.
 - On special occasion, some students may be assigned various duties by the Warden (s).
- iv. The Hostel Supervisor/Asst. Hostel Supervisor shall be responsible for execution of the decisions of the Mess Committee. He/she will also record all proceedings of the meetings.
- v. The Hostel Supervisor/Asst. Hostel Supervisor shall be responsible for execution of the decisions of the Mess Committee. He/she will also record all proceedings of the meetings.
- vi. A student resident is eligible to become or remain a MHMC member provided:-
 - No disciplinary action has been taken against him/her by the Institute or hostel authorities
 - No outstanding dues against him/her
 - He/she have not lost any academic year during the course.

- vii. Election/nomination shall be made as early as possible after the commencement of each Academic Year. In case of any dispute, the decision of the CW/Warden(s) shall be binding.
- viii. MHMC has the right to remove any student member from the committee, if she/he is not performing his duties properly.
- ix. The duties of the MHMCs shall be:
 - To ensures efficient running of the mess.
 - To help in the purchase of articles; at least two of its members shall be present at the time of each purchase.
 - To verify the bills, cash memos, grain stock etc.
 - To finalize guidelines for the preparation of the menu.
 - The daily ration for cooking will be issued in consultation with MHMC member.
 - To supervise the quality and quantity of daily supplies such as milk, vegetables, bakery products, etc.
 - To ensure proper discipline and decorum in the dining hall.
 - To recommend appointment of staff (If required) in the mess. MHMC will be responsible for making payments etc. to the mess staff. The MHMC may assign specific duties to its members regarding any activity in the hostel.
 - MHMC will not interfere in the matter related with the construction of permanent structure or facility, if directed by the Institute or Chief Warden. Although, constructive suggestions may be provided.
- x. The MHMC shall ordinarily meet once a month. The meeting shall be organizing by the Hostel Supervisor/Asst. Hostel Supervisor after taking approval of the Warden (s). An emergency meeting may be called by the Chief Warden/DCW at any time. The decisions of the committee shall be implemented after the approval of the Warden.
- xi. Any financial matter that affects the mess bill or to be charged/paid by the students/residents should be duly approved by the MHMC.
- xii. MHMC involvement is not required where financial matters/expenditures do not affect the mess bills of the students.
- xiii. All the students residing in the Institute hostels shall abide by the rules and Code of Conduct. Ignorance of these rules will not be accepted as a reason for any breach.

6. GUIDELINES FOR THE HOSTEL ACCOMMODATION

- i. The students seeking accommodation in the hostels, first time, will have to pay the hostel charges through SBI collect as mentioned in Appendix-B (P-23). The charges include non-refundable fee (one time), Mess Advance (per semester), and Electricity bill advance (per semester).
- ii. From next semester onwards, the students are required to deposit the mess advance and electricity bill advance in their respective hostel bank account. The registration in any semester and the NO-Dues will be issued only after payment of the said dues.
- iii. Non refundable fee is payable for minimum duration of the degree program. Student need to pay non refundable fee again, if they want to retain the hostel room for the extension period of the program.
- iv. Central hostel allotment committee will allot hostels to a particular group of students then room allotment committee at hostel level will allot the rooms to the individual

students.

- v. After getting admission in the Institute, a student should report to the office of the Hostel assigned to him/her.
- vi. On production of the receipt of payment (Institute and Hostel) temporary allotment of a seat will be made to each student.
- vii. Every hostel resident will have to give the undertakings as mentioned in Appendix -G & H.
- viii. The Hostels for the B.Tech/M.Tech/MBA/MCA first year students may have double/triple seated rooms and final allotment of the rooms in the hostel will be made by the hostel Wardens. The Wardens may offer the allotment in a manner in the wider interest of hostels administration, and the residents shall have to abide by their decision. In case of shortage of accommodation in hostels, rooms will be assigned first cum first serve basis.
- ix. All the students belonging to a branch/discipline/semester shall reside in the hostel assigned to that branch/discipline/semester for the year, irrespective of their year of admission. If however, there is shortage of accommodation in any hostel, the students who cannot be accommodated in that hostel shall be directed to stay in another hostel and efforts will be made to accommodate them in a hostel meant for the next higher branch/discipline/semester.
- x. All the hostel residents will be issued hostel ID cards. The charges of the ID cards will be collected as per guidelines issued separately.
- xi. No student is permitted to change his/her room without the written permission of the wardens.
- xii. As soon as a room is allotted to a student/or a group of students, they should check up all the room items such as latches, bolts, glass-panes, electrical fittings and the furniture with the Hostel Supervisor/Asstt. Hostel Supervisor of the hostel and they shall be responsible for their damage or loss and the amount of damages/Loss will be chargeable to the concerned student(s). Students must keep the room lock if not using. Do not keep your room unattended. For any loss of items/belongings, hostel will not be responsible.
- xiii. No furniture shall be removed from the rooms beyond the limits of terrace in front of each room except with the permission of the Warden.
- xiv. In case there is routine damage or loss of any sanitary, electrical or other fitting or furniture, the student(s) shall immediately inform the Hostel Supervisor/Asst. Hostel Supervisor. Hostel administration will provide the item for their repair or replacement as per rules.
- xv. No student shall vacate his/her room in the hostel unless he/she is allowed to do so by the Chief Warden. In the event of vacating the room he/she is required to get a 'No Dues' certificate from the Warden by clearing his/her dues and handing back the hostel ID card and the fittings and the furniture etc. to Hostel Supervisor/Asst. Hostel Supervisor. The responsibilities of handing over the charge is of the resident, otherwise, he/ she shall be considered as still residing in the hostel and shall be charged for the mess, hostel and other dues accordingly.
- xvi. Any student who has to shift from one hostel to another will be allotted a room only on production of a 'No Dues Certificate' from the Warden of the hostel in which he/she had been previously residing. In case the name of a student is removed from the institute rolls, he/she should automatically vacate the Hostel.

- xvii. Hostel accommodation provided to a particular student shall not be used by any other student. This would entail severe disciplinary action.
- xviii. No student should keep any fire-arms, lethal weapons, poisonous things or intoxicants of any kind in the hostel.
- xix. All kinds of shouting, fighting, gambling, stealing, violent knocking, maltreating or abusing are strictly prohibited. In such cases strict disciplinary action will be taken against the offender.
- xx. Residents should avoid keeping costly items in their rooms.
- xxi. The residents are not allowed to keep any pets in the hostel premises or private servant.
- xxii. The concerned hostel authorities may visit/inspect the rooms of resident any time to ensure proper cleanliness and other discipline related matters.
- xxiii. In any case of serious illness or chronic ailment prior information by the parents/Guardians should be reported to the Warden and the Institute Medical Officer(s).
- xxiv. The rooms are being provided with LAN/wi-fi facility for Internet.
- xxv. Any student who want to leave the hostel in mid of the academic year or if any day scholar wants to take the hostel room can do so only with the permission of the Chief Warden.

7. RULES-CUM-CODE OF CONDUCT FOR HOSTEL RESIDENTS

- i. Only the students on roll of the Institute are eligible to reside in the hostels.
- ii. All students must possess their Identity Cards (Institute and Hostel) at all the times. All residents are required to produce, whenever asked, their valid identity cards issued to them by the authority.
- iii. The use of motor vehicles such as Car, Jeep, Motor cycle, Scooters, Mopeds, etc. by students is strictly prohibited inside the Institute/hostel premises; while the use of bicycles is encouraged. However day scholars are allowed to use their bikes/scooters, only up to the main parking slots/spaces provided at the entry gates of the Institute.
- iv. All the students shall, at all-time conduct themselves in a disciplined manner in the Institute/hostel. They should not disturb others at study or work in the hostel/institute.
- v. Ragging in any form within or outside the hostel/institute is strictly prohibited. Indulgence in ragging, will lead to one or more of the following actions.
 - FIR with Police (Mandatory on the part of institute in every case of ragging)
 - Debarring from campus placement
 - Rustication/expulsion from hostel/Institute
 - Ragging fine from Rs. 25000/- to 1 lakh
 - An adverse entry in the Character Certificate
 - As per GOI/Institute rules/guidelines.

Strict disciplinary action will be taken against any student found guilty of any personal violence or in abetment thereof. A student should in no case take the law in his/her own hands but should report his/her grievances, if any, to the hostel Warden.

- vi. No funds or other subscriptions for any cause, whatsoever are to be collected by a student or a group of students in the hostel or the Institute campus without the prior permission of the concerned competent authority.

Handbook of Information

- vii. The use of electrical appliances such as immersion heaters, electric stove / heaters / electric iron etc. are prohibited in any of the rooms allotted to the residents. Private cooking in the hostels/students' room is strictly prohibited. Such appliances, if found will be confiscated and a fine will also be imposed as decided by the warden.
- viii. The uses of audio systems which may cause inconvenience to other occupants are not allowed. Such appliances, if found will be confiscated and a fine will also be imposed as decided by the warden.
- ix. When the students go out of their room they should switch-off all the electrical/electronic appliances, and keep it locked (at all times). Violation will attract penalty and punishment as decided by warden.
- x. Residents are required to park the cycles only in the space provided for them in an orderly manner. No cycles should be parked at the entrance or in the corridors or inside the hostel building.
- xi. Residents are required to play only in the space provided for them. No sports or game should be carried out in the corridors or at places other than specified by the hostel Warden.
- xii. Students are not allowed to arrange any functions or meeting within the hostel or outside or within the Institute campus without specific permission of the Warden or Institute authorities.
- xiii. All visitors to the hostel including the parents/guardians will have to make necessary entries in the visitor's book available at the hostel office.
- xiv. The visit of male students to the girls' hostel and vice-versa is prohibited.
- xv. Non-vegetarian food is not allowed in the hostel as per the district administration rules/guidelines.
- xvi. All residents are required to maintain standards of behavior expected of students of an Institute of National Importance. They are expected to behave courteously and fairly with everyone inside and outside the Hostels/Institute.
- xvii. Modesty in dress is expected from students.
- xviii.
 - a) Institute is providing good quality meal inside the hostel.
 - b) In addition, Canteen and restaurants are available in the campus.
 - c) Students should avoid taking meal outside the institute to avoid food poisoning, non-hygiene food etc.
- xix. Students shall not remain absent from their hostels during night without the prior permission of the Warden.
- xx. Hostel students shall not leave the campus without prior permission of the Warden. They shall have to apply in prescribed form in advance stating the reason for leaving and the address of destination. Hostel student who leave hostel without the permission from the concerned Warden shall be deemed to be missing and Parent/Guardian/Police authorities may be intimated in consultation with the Chief Warden.
- xxi. The resident of the hostel will not leave the hostel premises on holidays for the purpose of excursion or picnic. Prior permission of the Warden has to be obtained for going for any picnic or excursion. However for any eventuality that may occur during picnic/excursion, the responsibility does not lie with the Institute authorities.
- xxii. In case of any health issues hostel residents should follow the standard operating procedure (SOP) issued by the Institute Health Centre.

- xxiii. Hostel residents are supposed to take care of their health themselves. Student suffering from infectious disease has to leave for medical treatment to proper clinic/hospital or isolated place.
- xxiv. Formation of association of students on the basis of regions, caste or creed is not permitted, during their stay in the hostels. If found any students involving in such activities, may be rusticated from Hostel.

8. COMMON ROOM CONDUCTS

- i. Each hostel is provided with a common room where the students can play indoor games and listen music and watch TV within the hours prescribed for the purpose.
- ii. No fittings, furniture, equipment or property of the common room should be mishandled or taken out of the common room. No function or party will be organized in the common room except with the prior permission of the hostel Warden.
- iii. All common room activities and the upkeep and maintenance of the common room are organized with the assistance of two students or office bearers designated as (i) common room secretary (ii) indoor games secretary.
- iv. The common room secretary and the indoor games secretary will recommend purchases for the common room to the Warden. All such purchase will be made as per rules.

9. MESS GUIDELINES

- i. Hostel Mess is on purely co-operative/contract basis. It is operated and fully financially managed by the students of MHMC under the overall Supervision of the Wardens. In cooperative mess, mess staff is employed by MHMC with the approval of Chief Warden.
- ii. Meals will be served in the dining hall only during the hours fixed by the Wardens. In no case should the students ask the mess staff to serve meals outside the dining hall. The students shall come in proper dress in the dining hall.
- iii. Manhandling or abusing the mess staff under any circumstance shall be considered as a gross breach of discipline, inviting strict disciplinary action.
- iv. No student is allowed to take meal or utensils to the rooms. Heavy penalty will be imposed if this rule is violated. Only under special circumstances such as severe illness the student may be allowed to take food in his/her room but with the permission of the hostel Warden.
- v. Rebate from the mess for not taking food will be governed by the Rebate rules which may be revised from time to time.

10 REBATE RULES

- i. Students not willing to take meals for a period of two continuous days shall be allowed for rebate on their Mess bills by filling in the rebate slip kept with the mess supervisor. They should give this intimation at least 24 hours in advance. Rebate can only be granted for two continuous days. No rebate is allowed for only one or two meals.
- ii. A student can avail rebate for a maximum period of 10 days in a month. However, in special cases, a rebate for a maximum period of another 10 days can be granted by the Warden. If due to extraordinary circumstances, a student wants to avail rebate over and above the period mentioned, he/ she will have to seek permission of the Chief Warden.
- iii. Rebate will be given for the number of days filled in the rebate slip by the student personally. In case a student wishes to resume dining in the mess early, he/ she will inform the Warden or mess supervisor to that effect in writing, failing which he/ she may

not be served meals.

- iv. In case any student does not fill in the rebate slip or inform the Warden of his/her going on rebate in advance, even in the case of leaving the mess or the institute, he/she shall be liable to pay all mess and other charges applicable to other residents of the hostel.
- v. Even though a student is allowed for rebate in the mess, he/she has to pay maintenance Charges like all electricity bill, establishment, miscellaneous and other charges, in full.

11. GUIDELINES FOR GUESTS IN THE MESS

- i. The students are not allowed to accommodate guests in their rooms without written permission of the hostel authorities.
- ii. No student shall entertain the same guest for more than 3 days in a month without the permission of the Warden
- iii. The student host should always accompany his/her guest to the mess and should inform the mess supervisor accordingly.
- iv. The host student will be responsible for the conduct of his/her guest as detailed under the general conduct rules at point no. 9.
- v. The current normal charges for the guests are:

Breakfast	Rs. 50.00
Lunch	Rs. 80.00
Dinner	Rs. 80.00

(Rs.200/- for all the three meals) any extra items will invite extra cost.

- vi. The daily meal charges for institute officials associated with hostel management team will be the cost of the actual expenditure on meals i.e. diet charge of the month. The said officials can take meal in hostels with prior permission from the Chief Warden (Hostels).
- vii. No one is allowed to take meals to one's residences.
- viii. The meal rates are subject to revision from time to time.
- ix. Special meal is served to the students on special occasions under the mess headings.
- x. Ordinarily, an Institute employee (other than officials mentioned in point no. 2) will not be permitted to dine in the mess unless permitted by the Chief Warden. The employee shall abide by all the mess rules and will have to deposit mess security in advance. Further, if their bills remain in arrears, this facility may be withdrawn and the Institute shall be informed accordingly for recovery of dues.
- xi. Any day-scholar who wishes to take lunch regularly on working days may be allowed to do so by the Chief Warden. He/she will deposit a mess security of Rs. 11000/- (Rs.5000/- refundable + Rs.6000/- non-refundable hostel security) in advance. He/ She will be charged guest charges for lunch as given above.
- xii. To ensure proper functioning of the mess, all the students of a hostel shall pay their mess bills regularly in time, failing which they shall be liable to pay fine as per rules.

The mess bill is payable within 10 days of its announcement or the 20th day of the month, whichever is later, unless notified otherwise. Late payment charges at the rate of Rs. 10/- per day from defaulter shall be charged up to ten days after the due date. After this Rs.50/- per day will be charged for next ten days. Thereafter meals will not be served to the defaulters.
- xiii. In case the arrears of mess bill go beyond Rs.5000/-, the rate of fine will be doubled. Also, the student may be asked to vacate the hostel, till all arrears are cleared.

- xiv. The mess bill comprises the following charges:
- Actual expenditure on meals i.e. diet charge.
 - Mess establishment charges which include the salary of mess staff.
 - Actual electricity consumption charge is calculated by dividing the amount of bill amongst all the students of the hostels equally.
 - Miscellaneous Charges
 - Mess welfare Fund
 - Any other charges as recommended by the MHMC and approved by the Chief Warden.

12. MISCELLANEOUS CHARGES

The hostel fund generated out of these charges is utilized for:

- The repair and replacement of crockery and utensils in the kitchen.
- Mess and common room furnishing, electrical and other appliances, and for the common room and mess amenities
- Repair of water coolers/filters/fire extinguishers etc.
- Any other running costs of the hostel. This fund may be utilized for extra-curricular activities organized in the hostel with the permission of the Wardens. It is subject to revision from time to time.

13. SPECIFIC RULES FOR GIRLS HOSTEL ONLY

In addition to the general discipline rules specified earlier, the residents of Girls Hostel shall abide by the following rules:

- Daily, every resident should report back in the hostel before hostel timings, as notified by the hostel/institute authority.
- Residents going out the hostel but within the campus like laboratories and library after the specified hostel times (have to make proper entries in IN-CAMPUS register) have to take proper permission from the Warden and the entries should be made with proper details including the contact number of the laboratory/department.
- While going out of campus, proper entries have to be made in a designated register.
- Anyone leaving station for going home/other places for weekend or for vacations must make proper entry in leave register and seek prior permission of the hostel Warden.
- No guests, including parents are allowed after the hostel timings in the hostel.
- Workers/electrician etc can visit the girls' rooms only after making proper entries, in presence of CRA/Supervisor/Assistant Supervisor with the prior permission of the Warden.
- Residents should ensure that they make proper entries in designated register when their guests visit. If the proper entries are not made in the register then a warning to such resident would be issued and subsequent default, the matter shall be inquired by the hostel Wardens.
- In case of any dispute, decision of Chief Warden will be final.

14. SPECIFIC RULES FOR MARRIED PHD/FAMILY ACCOMMODATION HOSTEL ONLY

- The eligible applicants will have to submit the information as per format given in Appendix-C & D.
- Electricity charges as per the actual consumption will be equally distributed among the

residents.

- iii. Rooms may be given to contract/guest faculty from the reserve rooms for married PhD hostel, only if available. The maximum limit for such occupancy will be one semester. The permission of Chief Warden is required for the room allotment.
- iv. Any heavy electrical equipment (AC/refrigerator/heater/microwave oven etc.) should not be operated without proper permission from the warden.
- v. Only those family members, who have been declared in the form, can stay in the family accommodation. Stay of any undeclared person in the accommodation will attract fine.
- vi. The term 'family' means and includes: - "Husband or wife as the case may be and other dependent family members.
- vii. Dependent Family Members: parents, sisters, widowed sisters, widowed daughters, minor brothers and minor sister, children and stepchildren wholly dependent upon the resident and are residing with the". It further includes dependent divorced / separated daughters and stepmother. Maximum occupant family members should not be exceeding 3 (excluding self).
- viii. The allotment of room is valid only for one semester; one has to apply for the accommodation afresh if required. However, regular student can stay until their course/program duration.
- ix. The electricity bill as per the actual consumption of common area will be equally distributed among the residents.
- x. The electricity bill for AC (as per actual consumption) will be equally distributed among the residents. AC facility will be provided from April to September in a year.
- xi. The salary of hostel staff (Caretaker, Sweeper, Mali etc.) shall be divided equally among all the residents of Block-A
- xii. The prevalent maintenance charges will be charged monthly.
- xiii. The hostel security of Rs. 16,000/- (10,000 refundable + 6,000 non-refundable) need to be deposited at the time of occupancy in hostel room. However, RS. 6000/- (Non-refundable hostel charges, one time) will be charged again from the resident after completion of minimum duration of course.
- xiv. As soon as a room is allotted to a resident, they should check up all the items such as latches, bolts, glass-panes, electrical fittings, and the furniture with the Hostel Supervisor/Asst. Hostel Supervisor of the hostel. Hostel resident will be responsible for the damage or loss and the amount of damages /loss will be chargeable to the concerned resident(s).
- xv. In case there is routine damage or loss of any sanitary, electrical or other fitting or furniture, the resident(s) shall immediately inform the Hostel Supervisor/Asst. Hostel Supervisor who will arrange for their repair or replacements as per rules.
- xvi. No residents are permitted to change his/her room without the written permission of the wardens.
- xvii. No fittings, furniture, equipment or property of the common room should be mishandled or taken out of the common room.
- xviii. No resident should keep any fire-arms, lethal weapons, poisonous things or intoxicants of any kind in the hostel. Residents must not take law into their own hands, but must report all disputes to the hostel Warden. All kinds of shouting, fighting, gambling, stealing, violent knocking, maltreating or abusing are strictly prohibited. In such case strict disciplinary action will be taken against the offender.

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- xix. Drinking & smoking is not allowed in the hostel premises.
- xx. Outsiders are not allowed in the hostel premises without the permission of warden.
- xxi. The Management has the right to discontinue Hostel accommodation given to a resident on account of misconduct and/or violation of rules and regulations.
- xxii. Hostel accommodation provided to a particular student/Faculty shall not be used by any other student/faculty. This would entail disciplinary action.
- xxiii. All the residents are required to update themselves about the rule & regulations & have to follow them.
- xxiv. The competent authorities can change the rule of stay at any point of time & residents are required to follow those rules.
- xxv. In case of any dispute, decision of Chief Warden (Hostels) will be final.

15. RULES AND REGULATION FOR THE GUEST ACCOMMODATION

- i. Request for booking of Guest rooms should reach Chief Warden (Hostels) two working days in advance in the format given as Appendix-E.
- ii. The Check-out time of rooms will be 12.00 noon.
- iii. Charges of a Guest room are Rs 500 per room per day.
- iv. Guest room is only meant for 2 adults and 2 minors. For any additional member an extra charge of Rs 200 will be taken per person.
- v. Parents of students, visiting participants of conference/workshops/seminars etc. may be allotted to stay in the guest rooms.
- vi. Consumption of Narcotics/Alcoholic drinks/Smoking is strictly prohibited and if found consuming these, the occupant(s) will be expelled immediately.
- vii. All visitors must register and sign on the Registration Form/Log Book.
- viii. The visitor will be responsible for any damage caused by him/her or any other person called by him. He/she will have to bear the cost of damage.
- ix. Persons staying in the Guest Room are not entitled to bring unauthorized visitor(s)/server/pet to stay in the Hostel-11.
- x. No guest is allowed to stay in the guest room for continuously more than 3 days. However, their limit can be extended under the special permission of Chief Warden.
- xi. A single guest can stay for maximum 4 days in a month. However, their limit can be extended under the special permission of Chief Warden.

Enclosure (Self attested copies of)

- 1. Photo ID to verify the requester's identity (The requester must be regular faculty/students) or the form should be recommended by corresponding warden, HOD.
- 2. Aadhar/any photo Id proof of all the guests. (Self-attested photo copy).

I have gone through the above rules & regulations and will abide by them.

Signature of Guest

16. PROCEDURE OF DISCIPLINARY PROCEEDINGS OF INCIDENT HAPPENED IN HOSTEL CAMPUS

- i. The respective hostel warden will enquire all the cases of breach of hostel conduct rules pertaining to a hostel and take suitable action.
- ii. In case of serious breach of conduct, the warden of concerned hostel may request Chief Warden to constitute a committee to enquire and take suitable action, defined under Disciplinary Penalties.
- iii. In case of the inter hostel dispute /conflicts a committee formed by Chief Warden will recommend appropriate actions after enquiry.
- iv. If any group of students create nuisance, causes inconvenience, and creates troubles or hindrances to the normal functioning of the hostel or terrorizes other fellow hostel residents or hostel staff, general (mass) punishment will be imposed on whole group including rustication from Hostel.
- v. If the appropriate authority is satisfied that a prima-facie case exists against some resident for violation of any of the rules, he/she may be suspended from the hostel, pending a final enquiry. The final inquiry is to be done within 30 days from the date of the suspension of the resident(s). The outcome of which is to be announced not later than 30 days from such a suspension. In case, the final inquiry is not completed or is delayed by any reason for more than 30 days then such suspension will stand revoked without any further proceedings to be conducted on the same cause of the action.
- vi. While conducting the enquiry, the enquiry committee will ensure that opportunity is given to the resident to present his/her view point. After the decision is conveyed to the resident, he/she may request the Chief Warden for its review. The mercy appeal for pardon, remission, commutation, reprieve, and respite shall be with the Director.

17. PROVISION OF DISCIPLINARY PENALTIES

A resident found to have violated any of Conduct & Discipline rules:

- i. May be issued written/verbal warning.
- ii. May be placed on conduct probation.
- iii. May be asked to tender verbal/written public apology.
- iv. May be asked to do community service.
- v. May be fined up to a sum of Rs. 25000/-.
- vi. May be asked to call his/her parents.
- vii. May be asked to make good any loss individually or jointly.
- viii. May be expelled from hostel temporarily or permanently.
- ix. The case may be referred to Institution Board of Discipline/Police.

18. RIGHTS OF HOSTEL MANAGEMENT

The Hostel Management reserves its right to change these rules from time to time keeping the students informed through general circulars displayed on the hostel notice boards.

The decisions of Chief Warden/DCW & Warden in their respective jurisdictions shall be final. Apart from these Rules, the Chief Warden can issue further directives in the interest of smooth functioning of the hostel affairs after due deliberations in the regular meeting of Wardens to be chaired by the Chief Warden.

19. UGC REGULATIONS FOR ANTI-RAGGING MEASURES

Kindly refer the Appendix-F

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APPENDIX - A

Chief Warden (Hostels)

Dr. V. K. Bajpai

Professor

Mechanical Engineering Department

Deputy Chief Wardens:-

Dr. Chetti Prabhakar

Assistant Professor

Department of Chemistry

Dr. Yashashchandra Dwivedi

Assistant Professor

Department of Physics

Dr. Sarika Jain

Assistant Professor

Department of Computer Applications

The contact details of the Hostel Wardens:

Hostel No.	Name	Department	Mob No.
1	Dr. Pankaj Verma	ECE	8298877722
	Dr. Lalit Thakur	ME	7206459682
2	Dr. Sudakar Singh Chauhan	ECE	9896004182
	Dr. Anoop Kumar Patel	COE	8950459580
3	Dr. Amit Prakash	Math	8950118721
	Dr. Amilan Jose D.	Chem.	7876007461
4	Dr. M. Senthil Kumar	Chem	9729365341
	Dr. Ankit Kumar Jain	COE	9455313000
5	Dr. Rajneesh	ME	9996625007
	Dr. Ghule Vikas	Chem	9896006804
6	Dr. Rahul Sharma	EE	7206228032
	Dr. Kriti Bhushan	COE	7206598772
7	Dr. Gaurav Saini	ECE	8950461132
	Dr. Dheeraj Kumar Sharma	ECE	7206435934
8	Dr. M.P.R. Prasad	EE	9729662574
	Dr. Vijay Verma	COE	9729313947
9	Dr. Chhagan Charan	ECE	8607283446
	Dr. Shivam	EE	8950213359

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10	Dr. Shashi Bhushan Singh	EE	8950214329
	Dr. Amit Kumar	EE	8950213417
	Dr. Rajesh Kumar	ME	9896913616
11	Dr. Gaurav Verma	ECE	7404433060
	Dr. Kapil	COE	8221811422
Bhagirathi Bhawan	Dr. Geeta Sachdeva	H&S	9034820185
	Dr. Saraswati Yadav	MATH	9354732527
Cauveri Bhawan	Dr. Ritu Garg	COE	9896114469
	Dr. Shabnam	H&S	9416957877
Kalpana Chawla Bhawan	Dr. Priyanka Ahlawat	COE	9034996998
	Dr. Bharati Sinha	COE	9729063343



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APPENDIX - B

HOSTEL ALLOTMENT: HOSTEL CHARGES AND DOCUMENTS REQUIRED FOR NEW ENTRANTS

The candidates will be allotted hostel at the time of physical reporting and will be required to deposit hostel charges and documents as per details below:

1. HOSTEL CHARGES

Hostel Mess & Other Charges (to be deposited in the hostel account through SBI Collect).

- Hostel Mess Advance per semester Rs. 30,000/-
(to be adjusted against actual Mess Bill & Misc. Charges on monthly basis)
- Hostel Security (Non-Refundable): Rs. 6000/-
- Electricity Advance per semester (Approx.): Rs. 3,000/- (Double/Triple Seater) and Rs. 4,500 (Single seater) (to be adjusted as per actual electricity charges on monthly basis)

Link and Steps to follow to pay Hostel Charges through SBI Collect

Step 1. Open <https://www.onlinesbi.com/sbicollect/icollecthome.htm>

The screenshot shows the SBI State Bank Collect website. The header includes the SBI logo and 'State Bank Collect'. Below the header, there is a banner with the text 'STATE BANK COLLECT A MULTI-MODAL PAYMENT PORTAL'. The main content area displays the 'Terms Used' section, which includes a disclaimer clause and a list of terms. A checkbox is checked, indicating acceptance of the terms. A 'Proceed' button is visible at the bottom of the terms section.

DISCLAIMER CLAUSE

Terms Used

- Corporate Customer: Firm/Company/Institution (F/C/I) collecting payment from their beneficiaries.
- User: The beneficiary making a payment to F/C/I for the services/goods availed.
- Bank shall not be responsible, in any way, for the quality or merchantability of any product/merchandise or any of the services related thereto, whatsoever, offered to the User by the Corporate Customer. Any disputes regarding the same or delivery of the Service or otherwise will be settled between Corporate Customer and the User and Bank shall not be a party to any such dispute. Any request for refund by the User on any grounds whatsoever should be taken up directly with the Corporate Customer and the Bank will not be concerned with such a request.
- Bank takes no responsibility in respect of the services provided and User shall not be entitled to make any claim against the Bank for deficiency in the services provided by the Corporate Customer.
- The User shall not publish, display, upload or transmit any information prohibited under Rule 3(2) of the Information Technology (Intermediaries guidelines) Rules, 2011.
- In case of non-compliance of the terms and conditions of usage by the User, the Bank has the right to immediately terminate the access or usage rights of the User to the computer resource of the Bank and remove the non-compliant information.

☒ I have read and accepted the terms and conditions stated above
(Click Check Box to proceed for payment)

Proceed

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Step 2. Click check box and proceed as shown below:

Step 3. Select state Haryana and Type of institution Educational Institutions

The screenshot shows the SBI State Bank Collect website. The header includes the SBI logo and 'State Bank Collect'. Below the header, there is a banner with the text 'STATE BANK COLLECT A MULTI-MODAL PAYMENT PORTAL'. The main content area displays the 'Select State and Type of Corporate / Institution' section. Two dropdown menus are visible: 'State of Corporate / Institution' with 'Haryana' selected, and 'Type of Corporate / Institution' with 'Educational Institutions' selected.

Select State and Type of Corporate / Institution

State of Corporate / Institution *
Haryana

Type of Corporate / Institution *
Educational Institutions

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Step 4. Select Educational Institutions Name: WARDEN ABHIMANYU BHAWAN H-1 NIT KURUKSHETRA

Select from Educational Institutions

Educational Institutions Name *

• Mandatory fields are marked with an asterisk (*)

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Step 5. Select Payment Category: Hostel Fee 1st Year 2022-23

 WARDEN ABHIMANYU BHAWAN H-1 NIT KURUKSHETRA
ABHIMANYU BHAWAN H-1 NIT KURUKSHETRA, Kurukshetra-136119

Provide details of payment

Select Payment Category *

• Mandatory fields are marked with an asterisk (*)
• The payment structure document if available will be displayed during the payment process.
• Date specified (if any) should be in the format of DD/MM/YYYY

HOSTEL FEE 1ST YEAR 2022-23

Step 6. Fill all the required details.

[illegible]

2. Documents required

-

Handbook of Information

Appendix-C

A-BLOCK (Family Accommodation)

1.	Name_____	RollNo_____	DOB_____	<div style="border: 1px solid black; width: 100px; height: 100px;"></div>
2.	Course_____	Department_____	DOJ_____	
3.	Mobile No: 1) _____ 2) _____			
4.	E-Mail Address_____			
5.	Identification Mark _____	Blood Group_____		
6.	Identity Proof_____			
7.	Father's Name_____	Occupation_____		
8.	Mother's Name_____	Occupation_____		
9.	Permanent Address_____			
10.	Mobile No. of Father _____ & Mother _____			
11.	Total no. of family member(s) except you _____ (not exceeding 3)			

(Details of family members are provided in Annexure-A)

For Hostel Office Use only

1.	Hostel fee deposited through: Transaction ID/Cheque no _____		
2.	Amount _____	Dated_____	Drawee Bank_____
3.	Mode of Payment_____		
4.	Remarks_____		

Hostel Supervisor

Warden

Warden

Handbook of Information

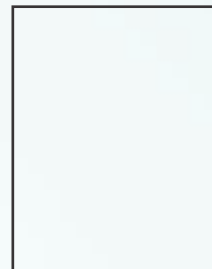
Appendix-D

Details of Family Member(s) Furnish information of each member in the given format and append as Annexure-A

Details of Member 1

1. Name _____ Age _____
2. Relation with allottee _____
3. Mobile No: 1) _____
4. If working, then job post and office address _____

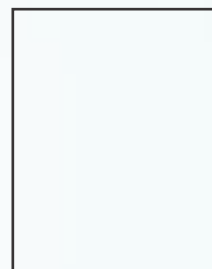
5. Proof of relationship _____
6. I D Proof _____



Details of Member 2

1. Name _____ Age _____
2. Relation with allottee _____
3. Mobile No: 1) _____
4. If working, then job post and office address _____

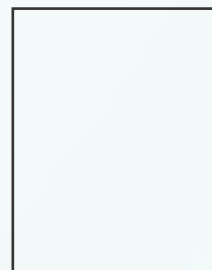
5. Proof of relationship _____
6. I D Proof _____



Details of Member 3

1. Name _____ Age _____
2. Relation with allottee _____
3. Mobile No: 1) _____
4. If working, then job post and office address _____

5. Proof of relationship _____
6. I D Proof _____



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Appendix-E

VIVEKANANDA BHAWAN (HOSTEL NO-11)

REQUEST FOR ACCOMODATION IN GUEST ROOM BLOCK-A

(Form should reach Chief Warden Office (Hostels) at least two working days in advance)
Through Chief Warden (Hostels)

1. Name of the Guest.....Gender (F/M)
2. Full Address with ID Proof
3. Mobile Number/Contact No..... E-Mail ID.....
4. Total number of guests.....
5. Number of rooms required.....
6. Purpose of visit.....
7. Expected arrival time.....AM/PM Date.....
8. Expected departure time.....AM/PM Date.....
9. Relationship with Guest.....
10. Remarks.....
11. The guest is known to me and I will pay the charges of the guest if not paid by him/her.

Detail of Requester:

Signature.....

Name DesignationDeptt.....

(Kindly see the rules & regulations over leaf)

For Official Use Only

1. Room No. Allotted.....
2. Period for Allotment.....to.....
3. Room Charges Rs.....
4. Room Rent Charges deposited vide receipt No.....Date.....

HOSTEL SUPERVISOR

WARDEN

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Appendix-F

UGC REGULATIONS ON CURBING THE MENACE OF RAGGING IN HIGHER EDUCATIONAL INSTITUTIONS, 2009.

(under Section 26 (1)(g) of the University Grants Commission Act, 1956)
F.1-16/2007(CPP-II) dated 17 th June, 2009

PREAMBLE

In view of the directions of the Hon'ble Supreme Court in the matter of "University of Kerala vis. Council, Principals, Colleges and others" in SLP no.24295 of 2006 dated 16.05.2007 and that dated

8.05.2009 in Civil Appeal number 887 of 2009, and in consideration of the determination of the Central Government and the University Grants Commission to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or indisciplined activities by any student or students which causes or is likely to

'cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students, the University Grants Commission, in consultation with the Councils, brings forth this Regulation.

In exercise of the powers conferred by Clause (g) of sub-section (1) of Section 26 of the University Grants Commission Act, 1956, the University Grants Commission hereby makes the following Regulations, namely;

1. Title, commencement and applicability

- 1.1 These regulations shall be called the "UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009",
- 1.2 They shall come into force from the date of their publication in the Official Gazette.
- 1.3 They shall apply to all the institutions coming within the definition of an University under sub-section (f) of section (2) of the University Grants Commission Act, 1956, and to all institutions deemed to be a university under Section 3 of the University Grants Commission Act, 1956, to all other higher educational institutions, or elements of such universities or institutions, including its departments, constituent units and all the premises, whether being academic, residential, playgrounds, canteen, or other such premises of such universities, deemed universities and higher educational institutions, whether located within the campus or outside, and to all means of transportation of students, whether public or private, accessed by students for the pursuit of studies in such universities, deemed universities and higher educational institutions.

2. Objectives

To prohibit any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or indisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or

any other student; and thereby, to eliminate ragging in all its forms from universities, deemed universities and other higher educational institutions in the country by prohibiting it under these Regulations, preventing its occurrence and punishing those who indulge in ragging as provided for in these Regulations and the appropriate law in force.

3. What constitutes Ragging

Ragging constitutes one or more of any of the following acts:

- a. any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
- b. indulging in rowdy or indisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;
- c. asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
- d. any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;
- e. exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- f. any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
- g. any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
- h. any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student;
- i. any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

4. Definitions

- 1) In these regulations unless the context otherwise requires, -
 - a) "Act" means, the University Grants Commission Act, 1956 (3 of 1956);
 - b) "Academic year" means the period from the commencement of admission of students in any course of study in the institution up to the completion of academic requirements for that particular year.
 - c) "Anti-Ragging Helpline" means the Helpline established under clause (a) of Regulation 8.1 of these Regulations.
 - d) "Commission" means the University Grants Commission;
 - e) "Council" means a body so constituted by an Act of Parliament or an Act of any State Legislature for setting, or co-ordinating or maintaining standards in the relevant areas of higher education, such as the All India Council for Technical Education (AICTE), the Bar Council of India (BCI), the Dental Council of India (DCI), the Distance Education Council (DEC), the Indian Council of Agricultural Research (ICAR), the Indian Nursing Council (INC), the Medical Council of India (MCI), the National Council for Teacher Education (NCTE), the Pharmacy Council of India (PCI), etc. and the State Higher Education Councils.

- f) "District Level Anti-Ragging Committee" means the Committee, headed by the District Magistrate, constituted by the State Government, for the control and elimination of ragging in institutions within the jurisdiction of the district.
- g) "Head of the institution" means the Vice-Chancellor in case of a university or a deemed to be university, the Principal or the Director or such other designation as the executive head of the institution or the college is referred.
- h) "Fresher" means a student who has been admitted to an institution and who is undergoing his/her first year of study in such institution.
- i) "Institution" means a higher educational institution including, but not limited to an university, a deemed to be university, a college, an institute, an institution of national importance set up by an Act of Parliament or a constituent unit of such institution, imparting higher education beyond 12 years of schooling leading to, but not necessarily culminating in, a degree (graduate, postgraduate and/or higher level) and/or to a university diploma.
- j) "NAAC" means the National Academic and Accreditation Council established by the Commission under section 12(ccc) of the Act;
- k) "State Level Monitoring Cell" means the body constituted by the State Government for the control and elimination of ragging in institutions within the jurisdiction of the State, established under a State Law or on the advice of the Central Government, as the case may be.
- (2) Words and expressions used and not defined herein but defined in the Act or in the General Clauses Act, 1897, shall have the meanings respectively assigned to them in the Act or in the General Clauses Act, 1897, as the case may be.

5. Measures for prohibition of Ragging at the institution level

- a) No institution or any part of it thereof, including its elements, including, but not limited to, the departments, constituent units, colleges, centres of studies and all its premises, whether academic, residential, playgrounds, or canteen, whether located within the campus or outside, and in all means of transportation of students, whether public or private, accessed by students for the pursuit of studies in such institutions, shall permit or condone any reported incident of ragging in any form; and all institutions shall take all necessary and required measures, including but not limited to the provisions of these Regulations, to achieve the objective of eliminating ragging, within the institution or outside,
- b) All institutions shall take action in accordance with these Regulations against those found guilty of ragging and/or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

6. Measures for prevention of Ragging at the institution level

- 6.1 An institution shall take the following steps in regard to admission or registration of students; namely,
 - a) Every public declaration of intent by any institution, in any electronic, audiovisual or print or any other media, for admission of students to any course of study shall expressly provide that ragging is totally prohibited in the institution, and anyone found guilty of ragging and/or abetting ragging, whether actively or passively, or being a part of a conspiracy to promote ragging, is liable to be punished in accordance with these Regulations as well as under the provisions of any penal law for the time being in force.
 - b) The brochure of admission/instruction booklet or the prospectus, whether in print or electronic format, shall prominently print these Regulations in full.

Provided that the institution shall also draw attention to any law concerning ragging and its consequences, as may be applicable to the institution publishing such brochure of

admission/instruction booklet or the prospectus.

Provided further that the telephone numbers of the Anti-Ragging Helpline and all the important functionaries in the institution, including but not limited to the Head of the institution, faculty members, members of the Anti-Ragging Committees and Anti-Ragging Squads, District and Sub-Divisional authorities, Wardens of hostels, and other functionaries or authorities where relevant, shall be published in the brochure of admission/instruction booklet or the prospectus.

- c) Where an institution is affiliated to a University and publishes a brochure of admission/instruction booklet or a prospectus, the affiliating university shall ensure that the affiliated institution shall comply with the provisions of clause (a) and clause (b) of Regulation 6.1 of these Regulations.
- d) The application form for admission, enrolment or registration shall contain an affidavit, mandatory in English and in Hindi and/or in one of the regional languages known to the applicant, as provided in the English language in Annexure I to these Regulations, to be filled up and signed by the applicant to the effect that he/she has read and understood the provisions of these Regulations as well as the provisions of any other law for the time being in force, and is aware of the prohibition of ragging and the punishments prescribed, both under penal laws as well as under these Regulations and also affirm to the effect that he/she has not been expelled and/or debarred by any institution and further ever that he/she would not indulge, actively or passively, in the act or abet the act of ragging and if found guilty of ragging and/or abetting ragging, is liable to be proceeded against under these Regulations' or under any penal law or any other law for the time being in force and such action would include but is not limited to debarment or expulsion of such student.
- e) The application form for admission, enrolment or registration shall contain an affidavit, mandatorily in English and in Hindi and/or in one of the regional languages known to the parents/guardians of the applicant, as provided in the English language in Annexure I to these Regulations, to be filled up and signed by the parents/guardians of the applicant to the effect that he/s) has read and understood the provisions of these Regulations as well as the provisions of any other law for the time being in force, and is aware of the prohibition of ragging and the punishments prescribed, both under penal laws as well as under these Regulations and also affirm to the effect that his/her ward has not been expelled and/or debarred by any institution and further aver that his/her ward would not indulge, actively or passively, in the act or abet the act of ragging and if found guilty of ragging and/or abetting ragging, his/her ward is liable to be proceeded against under these Regulations or under any penal law or any other law for the time being in force and such action would include but is not limited to debarment or expulsion of his/her ward.
- f) The application for admission shall be accompanied by a document in the form of, or annexed to, the School Leaving Certificate Transfer Certificate/Migration Certificate/Character Certificate reporting on the inter-personal/social behavioural pattern of the applicant, to be issued by the school or institution last attended by the applicant, so that the institution can thereafter keep watch on the applicant, if admitted, whose behaviour has been commented in such document.
- g) A student seeking admission to a hostel, forming part of the institution, or seeking to reside in any temporary premises, not forming part of the institution, including a private commercially managed lodge or hostel, shall have to submit additional affidavits countersigned by his/her parents/guardians in the form prescribed in Annexure I and Annexure II to these Regulations respectively along with his/her application.
- h) Before the commencement of the academic session in any institution, the Head of the Institution shall convene and address a meeting of various functionaries/agencies, such as Hostel

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Wardens, representatives of students, parents/ guardians, faculty, district administration including the police, to discuss the measures to be taken to prevent ragging in the institution and steps to be taken to identify those indulging in or abetting ragging and punish them.

- i) The institution shall, to make the community at large and the students in particular aware of the dehumanizing effect of ragging, and the approach of the institution towards those indulging in ragging, prominently display posters depicting the provisions of penal law applicable to incidents of ragging, and the provisions of these Regulations and also, any other law for the time being in force, and the punishments thereof, shall be prominently displayed on Notice Boards of- all departments, hostels and other buildings as well as at places, where students normally gather and at places, known to be vulnerable to occurrences of ragging incidents.
 - j) The institution shall request the media to give adequate publicity to the law prohibiting ragging, the negative aspects of ragging and the institution's resolve to ban ragging and punish those found guilty without fear or favour.
 - k) The institution shall identify, properly illuminate and keep a close watch on all locations known to be vulnerable to occurrences of ragging incidents.
 - l) The institution shall tighten security in its premises, especially at vulnerable places and intense policing by Anti-Ragging Squad, referred to in these Regulations and volunteers, if any, shall be resorted to at such points at odd hours during the first few months of the academic session.
 - m) The institution shall utilize the vacation period before the start of the new academic year to launch a publicity campaign against ragging through posters, leaflets and such other means, as may be desirable or required, to promote the objectives of these Regulations.
 - n) The faculties/departments/units of the institution shall have induction arrangements, including those which anticipate, identify and plan to meet any special needs of any specific section of students, in place well in advance of the beginning of the academic year with an aim to promote the objectives of this Regulation.
 - o) Every institution shall engage or seek the assistance of professional counsellors before the commencement of the academic session, to be available when required by the institution, for the purposes of offering counselling to freshers and to other students after the commencement of the academic year.
 - p) The head of the institution shall provide information to the local police and local authorities, the details of every privately commercially managed hostels or lodges used for residential purposes by students enrolled in the institution and the head of the institution shall also ensure that the Anti-Ragging Squad shall ensure vigil in such locations to prevent the occurrence of ragging therein.
- 6.2 An institution shall, on admission or enrolment or registration of students, take the following steps, namely;
- a) Every fresh student admitted to the institution shall be given a printed leaflet detailing to whom he/she has to turn to for help and guidance for various purposes including addresses and telephone numbers, so as to enable the student to contact the concerned person at any time, if and when required, of the Anti-Ragging Helpline referred to in these Regulations, Wardens, Head of the institution, all members of the anti-ragging squads and committees, relevant district and police authorities.
 - b) The institution, through the leaflet specified in clause (a) of Regulation 6.2 of these Regulations, shall explain to the freshers the arrangements made for their induction and orientation which promote efficient and effective means of integrating them fully as students with those already admitted to the institution in earlier years.
 - c) The leaflet specified in clause (a) of Regulation 6.2 of these Regulations shall inform the

freshers about their rights as bonafide students of the institution and clearly instructing them that they should desist from doing anything, with or against their will, even if ordered to by the seniors students, and that any attempt of ragging shall be promptly reported to the Anti-ragging Squad or to the Warden or to the Head of the institution, as the case may be.

- d) The leaflet specified in clause (a) of Regulation 6.2 of these Regulations shall contain a calendar of events and activities laid down by the institution to facilitate and complement familiarization of freshers with the academic environment of the institution.
- e) The institution shall, on the arrival of senior students after the first week or after the second week, as the case may be, schedule orientation programmes as follows, namely; (i) joint sensitization programme and counselling of both freshers and senior students by a professional counsellor, referred to in clause (0) of Regulation 6.1 of these Regulations; (ii) joint orientation programme of freshers and seniors to be addressed by the Head of the institution and the anti-ragging committee; (iii) organization on a large scale of cultural, sports and other activities to provide a platform for the freshers and seniors to interact in the presence of faculty members; (iv) in the hostel, the warden should address all students; and may request two junior colleagues from the college faculty to assist the warden by becoming resident tutors for a temporary duration. (v) as far as possible faculty members should dine with the hostel residents in their respective hostels to instil a feeling of confidence among the freshers.
- f) The institution shall set up appropriate committees, including the course-in-charge, student advisor, Wardens and some senior students as its members, to actively monitor, promote and regulate healthy interaction between the freshers, junior students and senior students.
- g) Freshers or any other student(s), whether being victims, or witnesses, in any incident of ragging, shall be encouraged to report such occurrence, and the identity of such informants shall be protected and shall not be subject to any adverse consequence only for the reason for having reported such incidents.
- h) Each batch of freshers, on arrival at the institution, shall be divided into small groups and each such group shall be assigned to a member of the faculty, who shall interact individually with each member of the group every day for ascertaining the problems or difficulties, if any, faced by the fresher in the institution and shall extend necessary help to the fresher in overcoming the same.
- i) It shall be the responsibility of the member of the faculty assigned to the group of freshers, to coordinate with the Wardens of the hostels and to make surprise visits to the rooms in such hostels, where a member or members of the group are lodged; and such member of faculty shall maintain a diary of his/her interaction with the freshers under his/her charge.
- j) Freshers shall be lodged, as far as may be, in a separate hostel block, and where such facilities are not available, the institution shall ensure that access of seniors to accommodation allotted to freshers is strictly monitored by wardens, security guards and other staff of the institution.
- k) A round the clock vigil against ragging in the hostel premises, in order to prevent ragging in the hostels after the classes are over, shall be ensured by the institution.
- l) It shall be the responsibility of the parents/guardians of freshers to promptly bring any instance of ragging to the notice of the Head of the Institution.
- m) Every student studying in the institution and his/her parents/guardians shall provide the specific affidavits required under clauses (d), (e) and (g) of Regulation 6.1 of these Regulations at the time of admission or registration, as the case may be, during each academic year.
- n) Every institution shall obtain the affidavit from every student as referred to above in clause (m) of Regulation 6.2 and maintain a proper record of the same and to ensure its safe upkeep thereof, including maintaining the copies of the affidavit in an electronic form, to be accessed

easily when required either by the Commission or any of the Councils or by the institution or by the affiliating University or by any other person or organisation authorised to do so.

- o) Every student at the time of his/her registration shall inform the institution about his/her place of residence while pursuing the course of study, and in case the student has not decided his/her place of residence or intends to change the same, the details of his place of residence shall be provided immediately on deciding the same; and specifically in regard to a private commercially managed lodge or hostel where he/she has taken up residence.
- p) The Head of the institution shall, on the basis of the information provided by the student under clause (0) of Regulation 6.2, apportion sectors to be assigned to members of the faculty, so that such member of faculty can maintain vigil and report any incident of ragging outside the campus or en route while commuting to the institution using any means of transportation of students, whether public or private.
- q) The Head of the institution shall, at the end of each academic year, send a letter to the parents/guardians of the students who are completing their first year in the institution, informing them about these Regulations and any law for the time being in force prohibiting ragging and the punishments thereof as well as punishments prescribed under the penal laws, and appealing to them to impress upon their wards to desist from indulging in ragging on their return to the institution at the beginning of the academic session next.

6.3 Every institution shall constitute the following bodies; namely,

- a) Every institution shall constitute a Committee to be known as the Anti-Ragging Committee to be nominated and headed by the Head of the institution, and consisting of representatives of civil and police administration, local media, Non Government Organizations involved in youth activities, representatives of faculty members, representatives of parents, representatives of students belonging to the freshers' category as well as senior students, non-teaching staff; and shall have a diverse mix of membership in terms of levels as well as gender.
- b) It shall be the duty of the Anti-Ragging Committee to ensure compliance with the provisions of these Regulations as well as the provisions of any law for the time being in force concerning ragging; and also to monitor and oversee the performance of the Anti-Ragging Squad in prevention of ragging in the institution.
- c) Every institution shall also constitute a smaller body to be known as the Anti-Ragging Squad to be nominated by the Head of the Institution with such representation as may be considered necessary for maintaining vigil, oversight and patrolling functions and shall remain mobile, alert and active at all times. Provided that the Anti-Ragging Squad shall have representation of various members of the campus community and shall have no outside representation.
- d) It shall be the duty of the Anti-Ragging Squad to be called upon to make surprise raids on hostels, and other places vulnerable to incidents of, and having the potential of, ragging and shall be empowered to inspect such places.
- e) It shall also be the duty of the Anti-Ragging Squad to conduct an on-the-spot enquiry into any incident of ragging referred to it by the Head of the institution or any member of the faculty or any member of the staff or any student or any parent or guardian or any employee of a service provider or by any other person, as the case may be; and the enquiry report along with recommendations shall be submitted to the Anti-Ragging Committee for action under clause (a) of Regulation 9.1. Provided that the Anti-Ragging Squad shall conduct such enquiry observing a fair and transparent procedure and the principles of natural justice and after giving adequate opportunity to the student or students accused of ragging and other witnesses to place before it the facts, documents and views concerning the incident of ragging, and considering such other relevant information as may be required.
- f) Every institution shall, at the end of each academic year, in order to promote the objectives of

these Regulations, constitute a Mentoring Cell consisting of students volunteering to be Mentors for freshers, in the succeeding academic year; and there shall be as many levels or tiers of Mentors as the number of batches in the institution, at the rate of one Mentor for six freshers and one Mentor of a higher level for six Mentors of the lower level.

- g) Every University shall constitute a body to be known as Monitoring Cell on Ragging, which shall coordinate with the affiliated colleges and institutions under the domain of the University to achieve the objectives of these Regulations; and the Monitoring Cell shall call for reports from the Heads of institutions in regard to the activities of the Anti-Ragging Committees, Anti - Ragging Squads, and the Mentoring Cells at the institutions, and it shall also keep itself abreast of the decisions of the District level Anti-Ragging Committee headed by the District Magistrate.
- h) The Monitoring Cell shall also review the efforts made by institutions to publicize anti-ragging measures, soliciting of affidavits from parents/guardians and from students, each academic year, to abstain from ragging activities or willingness to be penalized for violations; and shall function as the prime mover for initiating action on the part of the appropriate authorities of the university for amending the Statutes or Ordinances or Bye-laws to facilitate the implementation of anti-ragging measures at the level of the institution.

6.4 Every institution shall take the following other measures, namely;

- a) Each hostel or a place where groups of students reside, forming part of the institution, shall have a full-time Warden, to be appointed by the institution as per the eligibility criteria laid down for the post reflecting both the command and control aspects of maintaining discipline and preventing incidents of ragging within the hostel, as well as the softer skills of counselling and communicating with the youth outside the class-room situation; and who shall reside within the hostel, or at the very least, in the close vicinity thereof.
- b) The Warden shall be accessible at all hours and be available on telephone and other modes of communication, and for this purpose the Warden shall be provided with a mobile phone by the institution, the number of which shall be publicised among all students residing in the hostel.
- c) The institution shall review and suitably enhance the powers of Wardens; and the security personnel posted in hostels shall be under the direct control of the Warden and their performance shall be assessed by them.
- d) The professional counsellors referred to under clause (0) of Regulation 6.1 of these Regulations shall, at the time of admission, counsel freshers and/or any other student(s) desiring counselling, in order to prepare them for the life ahead, particularly in regard to the life in hostels and to the extent possible, also involve parents and teachers in the counselling sessions.
- e) The institution shall undertake measures for extensive publicity against ragging by means of audio-visual aids, counselling sessions, workshops, painting and design competitions among students and such other measures, as it may deem fit.
- f) In order to enable a student or any person to communicate with the AntiRagging Helpline, every institution shall permit unrestricted access to mobile phones and public phones in hostels and campuses, other than in class-rooms, seminar halls, library, and in such other places that the institution may deem it necessary to restrict the use of phones.
- g) The faculty of the institution and its non-teaching staff, which includes but is not limited to the administrative staff, contract employees, security guards and employees of service providers providing services within the institution, shall be sensitized towards the ills of ragging, its prevention and the consequences thereof.
- h) The institution shall obtain an undertaking from every employee of the institution including all teaching and non-teaching members of staff, contract labour employed in the premises either

for running canteen or as watch and ward staff or for cleaning or maintenance of the buildings/lawns and employees of service providers providing services within the institution, that he/she would report promptly any case of ragging which comes to his/her notice.

- i) The institution shall make a provision in the service rules of its employees for issuing certificates of appreciation to such members of the staff who report incidents of ragging, which will form part of their service record.
- j) The institution shall give necessary instructions to the employees of the canteens and mess, whether that of the institution or that of a service provider providing this service, or their employers, as the case may be, to keep a strict vigil in the area of their work and to report the incidents of ragging to the Head of the institution or members of the Anti-Ragging Squad or members of the Anti-Ragging Committee or the Wardens, as may be required.
- k) All Universities awarding a degree in education at any level, shall be required to ensure that institutions imparting instruction in such courses or conducting training programme for teachers include inputs relating to antiragging and the appreciation of the relevant human rights, as well as inputs on topics regarding sensitization against corporal punishments and checking of bullying amongst students, so that every teacher is equipped to handle at least the rudiments of the counselling approach.
- l) Discreet random surveys shall be conducted amongst the freshers every fortnight during the first three months of the academic year to verify and crosscheck whether the institution is indeed free of ragging or not and for the purpose the of which institution may design its own methodology of conducting such surveys. m) The institution shall cause to have an entry, apart from those relating to general conduct and behaviour, made in the Migration/Transfer Certificate issued to the student while leaving the institution, as to whether the student has been punished for committing or abetting an act of ragging, as also whether the student has displayed persistent violent or aggressive behaviour or any inclination to harm others, during his course of study in the institution.
- m) Notwithstanding anything contained in these Regulations with regard to obligations and responsibilities pertaining to the authorities or members of bodies prescribed above, it shall be the general collective responsibility of all levels and sections of authorities or functionaries including members of the faculty and employees of the institution, whether regular or temporary, and employees of service providers providing service within the institution, to prevent or to act promptly against the occurrence of ragging or any incident of ragging which comes to their notice.
- n) The Heads of institutions affiliated to a University or a constituent of the University, as the case may be, shall, during the first three months of an academic year, submit a weekly report on the status of compliance with AntiRagging measures under these Regulations, and a monthly report on such status thereafter, to the Vice-Chancellor of the University to which the institution is affiliated to or recognized by.
- o) The Vice-Chancellor of each University, shall submit fortnightly reports of the University, including those of the Monitoring Cell on Ragging in case of an affiliating university, to the State Level Monitoring Cell.

7. Action to be taken by the Head of the institution

On receipt of the recommendation of the Anti-Ragging Squad or on receipt of any information concerning any reported incident of ragging, the Head of institution shall immediately determine if a case under the penal laws is made out and if so, either on his own or through a member of the Anti-Ragging Committee authorised by him in this behalf, proceed to file a First Information Report (FIR), within twenty four hours of receipt of such information or recommendation, with the police and local authorities, under the appropriate penal provisions

relating to one or more of the following, namely;

- i. Abetment to ragging;
- ii. Criminal conspiracy to rag;
- iii. Unlawful assembly and rioting while ragging;
- iv. Public nuisance created during ragging;
- v. Violation of decency and morals through ragging;
- vi. Injury to body, causing hurt or grievous hurt;
- vii. Wrongful restraint;
- viii. Wrongful confinement;
- ix. Use of criminal force;
- x. Assault as well as sexual offences or unnatural offences;
- xi. Extortion;
- xii. Criminal trespass;
- xiii. Offences against property;
- xiv. Criminal intimidation;
- xv. Attempts to commit any or all of the above mentioned offences against the victim(s);
- xvi. Threat to commit any or all of the above mentioned offences against the victim(s);
- xvii. Physical or psychological humiliation;
- xviii. All other offences following from the definition of "Ragging". Provided that the Head of the institution shall forthwith report the occurrence of the incident of ragging to the District Level Anti-Ragging Committee and the Nodal officer of the affiliating University, if the institution is an affiliated institution.

Provided further that the institution shall also continue with its own enquiry initiated under clause 9 of these Regulations and other measures without waiting for action on the part of the police/local authorities and such remedial action shall be initiated and completed immediately and in no case later than a period of seven days of the reported occurrence of the incident of ragging.

8. Duties and Responsibilities of the Commission and the Councils

- 8.1 The Commission shall, with regard to facilitating communication of information regarding incidents of ragging in any institution, take the following steps, namely;
 - a) The Commission shall establish, fund and operate, a toll-free Anti-Ragging Helpline, operational round the clock, which could be accessed by students in distress owing to ragging related incidents.
 - b) Any distress message received at the Anti-Ragging Helpline shall be simultaneously relayed to the Head of the Institution, the Warden of the Hostels, the Nodal Officer of the affiliating University, if the incident reported has taken place in an institution affiliated to a University, the concerned District authorities and if so required, the District Magistrate, and the Superintendent of Police, and shall also be web enabled so as to be in the public domain simultaneously for the media and citizens to access it.
 - c) The Head of the institution shall be obliged to act immediately in response to the information received from the Anti-Ragging Helpline as at sub-clause (b) of this clause.
 - d) The telephone numbers of the Anti-Ragging Helpline and all the important functionaries in every institution, Heads of institutions, faculty members, members of the anti-ragging committees and anti ragging squads, district and sub-divisional authorities and state

authorities, Wardens of hostels, and other functionaries or authorities where relevant, shall be widely disseminated for access or to seek help in emergencies.

- e) The Commission shall maintain an appropriate data base to be created out of affidavits, affirmed by each student and his/her parents/guardians and stored electronically by the institution, either on its or through an agency to be designated by it; and such database shall also function as a record of ragging complaints received, and the status of the action taken thereon.
- f) The Commission shall make available the database to a non-governmental agency to be nominated by the Central Government, to build confidence in the public and also to provide information of non compliance with these Regulations to the Councils and to such bodies as may be authorised by the Commission or by the Central Government.

8.2 The Commission shall take the following regulatory steps, namely;

- a) The Commission shall make it mandatory for the institutions to incorporate in their prospectus/ the directions of the Central Government or the State Level Monitoring Committee with regard to prohibition and consequences of ragging/ and that non-compliance with these Regulations and directions so provided/ shall be considered as lowering of academic standards by the institution/ therefore making it liable for appropriate action.
- b) The Commission shall verify that the institutions strictly comply with the requirement of getting the affidavits from the students and their parents/guardians as envisaged under these Regulations.
- c) The Commission shall include a specific condition in the Utilization Certificate/ in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the Commission/ that the institution has complied with the anti-ragging measures.
- d) Any incident of ragging in an institution shall adversely affect its accreditation/ ranking or grading by NAAC or by any other authorised accreditation agencies while assessing the institution for accreditation/ ranking or grading purposes.
- e) The Commission may accord priority in financial grants-in-aid to those institutions/ otherwise eligible to receive grants under section 12B of the Act/ which report a blemishless record in terms of there being no reported incident of ragging.
- f) The Commission shall constitute an Inter-Council Committee/ consisting of representatives of the various Councils/ the Non-Governmental agency responsible for monitoring the database maintained by the Commission under clause (g) of Regulation 8.1 and such other bodies in higher education/ to coordinate and monitor the anti-ragging measures in institutions across the country and to make recommendations from time to time; and shall meet at least once in six months each year.
- g) The Commission shall institute an Anti-Ragging Cell within the Commission as an institutional mechanism to provide secretarial support for collection of information and monitoring/ and to coordinate with the State Level Monitoring Cell and University level Committees for effective implementation of anti-ragging measures/ and the Cell shall also coordinate with the Non-Governmental agency responsible for monitoring the database maintained by the Commission appointed under clause (g) of Regulation 8.1.

9. Administrative action in the event of ragging

- 9.1 The institution shall punish a student found guilty of ragging after following the procedure and in the manner prescribed here in under:
 - a) The Anti-Ragging Committee of the institution shall take an appropriate decision, in regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging established in the recommendations of the Anti-Ragging

Squad.

- b) The Anti-Ragging Committee may, depending on the nature and gravity of the guilt established by the Anti-Ragging Squad, award, to those found guilty, one or more of the following punishments, namely;
- i. Suspension from attending classes and academic privileges.
 - ii. Withholding/ withdrawing scholarship/ fellowship and other benefits.
 - iii. Debarring from appearing in any test! examination or other evaluation process. iv. Withholding results.
 - v. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc. vi. Suspension/ expulsion from the hostel.
 - vii. Cancellation of admission. viii. Rustication from the institution for period ranging from one to four semesters.
 - ix. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period.

Provided that where the persons committing or abetting the act of ragging are not identified, the institution shall resort to collective punishment.

- c) An appeal against the order of punishment by the Anti-Ragging Committee shall lie,
- i. in case of an order of an institution, affiliated to or constituent part, of a University, to the Vice-Chancellor of the University;
 - ii. in case of an order of a University, to its Chancellor.
 - iii. in case of an institution of national importance created by an Act of Parliament, to the Chairman or Chancellor of the institution, as the case may be.
- 9.2 Where an institution, being constituent of, affiliated to or recognized by a University, fails to comply with any of the provisions of these Regulations or fails to curb ragging effectively, such University may take anyone or more of the following actions, namely;
- i. Withdrawal of affiliation/recognition or other privileges conferred.
 - ii. Prohibiting such institution from presenting any student or students the nundergoing any programme of study therein for the award of any degree/diploma of the University. Provided that where an institution is prohibited from presenting its student or students, the Commission shall make suitable arrangements for the other students so as to ensure that such students are able to pursue their academic studies.
 - iii. Withholding grants allocated to it by the university, if any
 - iv. Withholding any grants chanellised through the university to the institution.
 - v. Any other appropriate penalty within the powers of the university.
- 9.3 Where in the opinion of the appointing authority, a lapse is attributable to any member of the faulty or staff of the institution, in the matter of reporting or taking prompt action to prevent an incident of ragging or who display an apathetic or insensitive attitude towards complaints of ragging, or who fail to take timely steps, whether required under these Regulations or otherwise, to prevent an incident or incidents of ragging, then such authority shall initiate departmental disciplinary action, in accordance with the prescribed procedure of the institution, against such member of the faulty or staff. Provided that where such lapse is attributable to the Head of the institution, the authority designated to appoint such Head shall take such departmental disciplinary action; and such action shall be without prejudice to any action that may be taken under the penal laws for abetment of ragging for failure to take timely

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steps in the prevention of ragging or punishing any student found guilty of ragging.

- 9.4 The Commission shall, in respect of any institution that fails to take adequate steps to prevent ragging or fails to act in accordance with these Regulations or fails to punish perpetrators or incidents of ragging suitably, take one or more of the following measures, namely;
- i. Withdrawal of declaration of fitness to receive grants under section 126 of the Act.
 - ii. Withholding any grant allocated.
 - jii. Declaring the institution ineligible for consideration for any assistance under any of the general or special assistance programmes of the Commission.
 - iv. Informing the general public, including potential candidates for admission, through a notice displayed prominently in the newspapers or other suitable media and posted on the website of the Commission, declaring that the institution does not possess the minimum academic standards.
 - v. Taking such other action within its powers as it may deem fit and impose such other penalties as may be provided in the Act for such duration of time as the institution complies with the provisions of these Regulations. Provided that the action taken under this clause by the Commission against any institution shall be shared with all Councils.



(Dr. R.K. Chauhan)
Secretary

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Appendix-I

AFFIDAVIT BY THE STUDENT

1. I, *(full name of student with admission / reaistration / enrolment number)*
s/o/ d/o, Mr./ Mrs./ Ms., having been
admitted to (name of the institution) , have received a
copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational
Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood
the provisions contained in the said Regulations.
- 2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes
ragging.
- 3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware
of the penal and administrative action that is liable to be taken against me in case I am found
guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote
ragging.
- 4) I hereby solemnly aver and undertake that
 - a) I will not indulge in any behaviour or act that may be constituted as ragging under
clause 3 of the Regulations.
 - b) I will not participate in abet or propagate through any act of commission or omission
that may be constituted as ragging under clause 3 of the Regulations.
- 5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause
9.1 of the Regulations, without prejudice to any other criminal action that may be taken against
me under any penal law or any law for the time being in force.
- 6) I hereby declare that I have not been expelled or debarred from admission in any institution in
the country on account of being found guilty of, abetting or being part of a conspiracy to
promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am
aware that my admission is liable to be cancelled.

Declared thisday ofmonth ofyear.

Signature of deponent

Name:

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VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at(place) on this(day) of(month),(year).

Signature of deponent

Solemnly affirmed and signed in my presence on this the(day) of(month),(year) after reading the contents of this affidavit.

OATH COMMISSONER

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ANNEXURE - II

AFFIDAVIT BY PARENT / GUARDIAN

1. I,(full name of student with admission / registration / enrolment number)
s/o/ d/o, Mr./ Mrs./ Ms., having been
admitted to (name of the institution), have
received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher
Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully
understood the provisions contained in the said Regulations.
- 2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes
ragging.
- 3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware
of the penal and administrative action that is liable to be taken against me in case I am found
guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote
ragging.
- 4) I hereby solemnly aver and undertake that
 - a) I will not indulge in any behaviour or act that may be constituted as ragging under
clause 3 of the Regulations.
 - b) I will not participate in abet or propagate through any act of commission or omission
that may be constituted as ragging under clause 3 of the Regulations.
- 5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause
9.1 of the Regulations, without prejudice to any other criminal action that may be taken against
me under any penal law or any law for the time being in force.
- 6) I hereby declare that I have not been expelled or debarred from admission in any institution in
the country on account of being found guilty of, abetting or being part of a conspiracy to
promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am
aware that my admission is liable to be cancelled.

Declared this day of month of year.

Signature of deponent

Name: Address :

Telephone/Mobile No. :

Handbook of Information

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at(place) on this(day) of(month),(year).

Signature of deponent

Solemnly affirmed and signed in my presence on this the(day) of(month),(year) after reading the contents of this affidavit.

OATH COMMISSONER

Handbook of Information

Appendix-G

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA STUDENT UNDERTAKING

IRoll NoSon/Daughter
of..... is a bonafide student of the Dept. ofNIT
Kurukshetra and presently studying in B. Tech./M.Tech./MCA/Ph.D.....Year
.....Semesterand allotted Room No.In Hostel No.....
hereby undertake that I shall not use any vehicle (except Bicycle) in the Institute Campus; and I
also assure that I shall not bring, consume or keep under my possession any kind of alcoholic drinks
or any other intoxicant in the Hostel/ Institute premises at any time. Further, I authorize the Institute
that in the event of violation of this undertaking, the Institute can take appropriate disciplinary action
including my expulsion from the Hostel/Institute.

Signature of the Student

Phone No.....

Guardian's Ph. No.....

Permanent Address.....

.....

.....

Email.....

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Appendix-H

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA UNDERTAKING

I understand that I will obey the rules & regulations of the hostel/mess. I am also aware that hostel mess is run on the co-operative basis & all its expenses are borne by the residents of the hostel. In case I Fail to follow the rules, my hostel facilities may be withdrawn.

Signature of the student

Name:-

Branch:-

Mobile:-

Address:-

.....

.....

.....

DISCIPLINE & ANTI RAGGING MEASURES

All the students will conform to the rules of the Institute. Breach of rules or other misconduct will render a student liable to disciplinary action including expulsion from the Institute. If, as a result of demonstrations/ strikes, any property/ equipment in the institute is damaged and loss caused to the Institute, the same would be recovered either directly, from those identified, or else, collectively from such groups/ associations who were responsible for the demonstrations/ strikes. Disciplinary action will be taken against any student found misbehaving with members of the staff of the Institute.

The Director is assisted by the Board of Discipline as approved by the Director in all matters relating to the conduct of the students. It will be the responsibility of each student to keep his/ her parents guardian informed about his/ her progress in the Institute, non-payment of fees, removal of his/ her name from the rolls or any disciplinary action taken against him/ her. The Institute will not enter into any correspondence with any person other than the parents/guardian. It will be the responsibility of every student to keep the Institute informed about any change in the address of his her parents/ guardian.

Anti Ragging Measures

Ragging any student, within or outside the campus is strictly prohibited. Strict disciplinary action will be taken against offenders.

The Institute has taken a number of stringent measures to prevent ragging as per the directions of Hon'ble Supreme court and UGC regulations 2009. A few of these measures are as under:

- (i) **Anti Ragging Committee:** The Anti Ragging Committee is headed by Director of the institute, other committee members are Dean (P&D), Dean (Academic), Dean (SW), Professor in-Charge (Students' Welfare & Ragging Control), Registrar, representatives of District Administration, representatives of media, representatives of NGOs, representatives of senior students, representatives of first year students and their parents. The committee is overall responsible for anti ragging measures in the Institute as per UGC regulations.
- (ii) **Anti Ragging Squad:** The Anti Ragging Squad will monitor and will have surprise checks at vulnerable places. It will also investigate any incident of ragging and will recommend the punishments to Anti Ragging committee for suitable action as per clause 9.1 of UGC regulations 2009.

Anti Ragging Squad is headed by Chief Warden (Boys Hostel), other team members are Chief Warden (girls' Hostel), Deputy Chief Wardens (boys'), Deputy Chief Wardens (girls'), Prof- in - charge (T&P), Prof- in -charge (SW & RC), and Professor in charge (security).
- (iii) **Flying Squads:** Nine No. of flying squad teams, consisting of mainly wardens and Mess managers, will have strict vigil and will conduct surprise checks in and around the Institute/campus during odd hours.
- (iv) **Teams of staff members:** Teams consisting of faculty members and teaching supporting staff have been put on anti ragging duty in first year hostels from 5.00 pm to 10.00 pm on all working days and from 9.30 AM to 10.00 pm on holidays to prevent any possible ragging incidents.
- (v) **Special Flying Squad:** The squad will check any possible ragging incidents at potential public places like; Parks, railway station, bus station, canteen etc.
- (vi) **Anti Ragging Boards:** 46 key locations have been identified in the campus where anti ragging boards have been installed for the information of the senior students. These boards mainly depicts: (i) Banning of Ragging in the Institute (ii) quantum and nature of punishments to defaulters (iii) Helpline numbers of institute officials.

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- (vii) Ragging Complaints Box: Institute has also installed Ragging Complaints Box in all first Year Hostel's messes. These will be opened and checked daily by the members of The Anti Ragging Squad. First Year students may drop their complaint in ragging complaint box or can report any ragging incident on Institute helpline numbers. The complaint must bear student's name, contact number, signature, time, date and place of incident.

GENERAL INSTRUCTIONS

The Flying squads/officials on ragging duty/other faculty members/staff members/ shopkeepers in the campus, general public and first year students may report any Incident of ragging on the numbers given below:

82958-68855, 94664-35761, 97293-65341, 99974-22336, 89507-77202, 98961-19710, 98960-04119, 93552-11021

Information for Senior Students

The Gazette notification of UGC regulations 2009 to Curb Menace of Ragging has been put on Institute website and has also been published in the "Hand Book of Information". Seniors are required to go through these regulations.

As per orders of the HONORABLE SUPREME COURT and UGC Regulations, 2009, Ragging in all its form is totally banned in the Institute. Anyone found guilty of ragging and/or abetting ragging, actively or passively or being part of a conspiracy to promote ragging, will have to face any one or more of the following punishments:

- a. Withholding/ withdrawing scholarship/ fellowship and other benefits.
- b. FIR with Police
- c. Suspension/ expulsion from the hostel.
- d. Suspension from attending classes.
- e. Debarring from Campus placement
- f. Debarring from appearing in any test/ examination
- g. Rustication from the institution for period ranging from one to four Semesters.
- h. Entry on the Character Certificate regarding the punishments received
- i. Cancellation of admission.
- j. Expulsion from the Institution and consequent debarring from admission to any other institution for a specified period.

INSTRUCTIONS FOR FIRSTYEARS STUDENTS

1. Each student must note full personal details of his room partners including his home contact number and home address in his diary. If any student goes any where, may be within his own hostel, it must be in the knowledge of his room partners. Each Student should be able to recognize fellow students so that he is able to distinguish between seniors & new entrants.
2. Do not give your mobile numbers to your seniors.
3. While going to class and coming back to hostel move in large groups (more than 5 students in a group).
4. Any ragging incident should be reported as early as possible. Students may drop their complaint in ragging complaint box which has been put in the dining halls. Ragging complaint must bear student's name, contact number, signature, time, date and place of incident. Late reporting may dilute gravity of the complaint.
5. During interaction with your seniors be respectful to them.

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6. Hostel gate will be locked from 10.00 PM to 6.00AM. All the residents are required to remain present in the hostel during this period.
7. Your presence in the hostel may be checked at any time during above period. So, if someone is not present in the hostel during above period, he must inform MMCA of the hostel.
8. Do not enter into senior's hostels.
9. Don't join any unofficial tea party organized by seniors and avoid any unofficial meeting with your seniors at any public place.
10. First year girls students should not go to public places on their own like NIT market/University market etc. At weekend security will be provided in NIT market from 4.30pm to 6.00pm, during this period they can visit NIT Market.
11. Use of mobile phones is not allowed in the class rooms. Defaulters will be penalized and their mobiles may be confiscated.
12. None of your actions should disturb other residents of the hostel.
13. Make entry in the 'Leave Register' before filling mess rebate form and leaving the Hostel. The register is available in the warden/MMCA office.
14. Remain in your respective rooms from 09:45 PM to 10:15 PM. Your physical presence in the room may be checked randomly during this period.
15. Do not go to any pleasure trip on your own without official written permission from the warden.
16. Your career and honour is directly connected with the image of the Institute. Any dent in it's image will also affect your own prestige. So up keep the honour of the Institute.

The erring 1st year students may be fined upto Rs. 5000/-



PROFORMA FOR LEAVE REGISTER (1st YEAR)

Name :

Roll No :

Room No. :

Home Contact Number :

Leave : From _____ to _____

Purpose of leave :

Address on leave :

I am going out at my own risk and responsibility.

Date:

Signature of Student

Approved/Not Approved

THE PROCTORIAL BOARD

Regulation, self-restraint, patience, and courtesy are vital aspects of a successful organization. National Institute of Technology Kurukshetra is a technical educational institution; it becomes necessary to impart moral and ethical values to students along with engineering education. To achieve these objectives, some rules and regulations are required to run the organization orderly. The students are required to follow the rules/ standard operating procedures of the different sections within the institute or any other rule implemented by the college administration from time to time.

Structure, Functions and Power of the Proctor

1. **Structure:** The Proctorial Board consists of a Proctor and a three member committee.

Dr. Rajiv Verma	Proctor	Mechanical Engineering Department
Dr. Sarika Jain	Member	Department of Computer Applications
Dr. Pradeep Kumar	Member	Electrical Engineering Department
Dr. M. Senthil Kumar	Member	Chemistry Department

2. **The domain of the Proctor includes:**

- To monitor the disciplinary climate prevailing in the student community;
- To take preventive steps such as issue of notices, warnings, instructions regulating certain acts, and other arrangements for the purpose of forestalling acts of individual or collective indiscipline;
- To collect relevant facts about the incidents of indiscipline, evaluate the evidence and decide/recommend the quantum of punishment to be imposed on the erring students. Whenever considered necessary, the Proctor shall place the relevant information before the Director or the Discipline Committee for their decision;
- To Issue all orders relating to disciplinary proceedings against students;
- To supervise security and safety environment of the university campus.

3. **The power of the Proctor includes:**

- To suspend or institute proceedings in cases of breach of discipline, referred to him by the Director or reported to him by any other person or noticed by himself;
- To suspend or rusticate a student up to a maximum period of two weeks; and
- To impose a fine as prescribed from time to time.
- To write adverse comments in the character certificate of the erring students.
- To debar temporarily/permanently erring students from appearing in the campus interviews.





NATIONAL INSTITUTE OF TECHNOLOGY

(INSTITUTION OF NATIONAL IMPORTANCE)

KURUKSHETRA - 136 119 HARYANA

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