Handbook of Information

2024-25

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

Prof. B.V. Ramana Reddy

Welcome to the Batch of 2024 - 2025 at the National Institute of Technology, Kurukshetra. Congratulations on your admission to this esteemed institution, which reflects your dedication and academic excellence. Our institute, located on the historically significant grounds where the Bhagwat Gita was delivered, offers a rich educational environment. Recognized nationally and internationally for its outstanding education system, NIT Kurukshetra provides a robust academic curriculum, emphasizing both theoretical knowledge and practical skills. We take pride in our cutting-edge research and development across various engineering and technological fields. As you begin your journey here, take full advantage of the opportunities for learning, research, and extracurricular activities. We are excited to support you and look forward to your contributions to our tradition of excellence. May your time here be enriching and transformative.

I am confident that as you embark on your student journey here, you will sense the thrill and richness of a dynamic academic experience. Be assured that everything essential to shape you into a proficient engineer awaits you here.

At NIT Kurukshetra, we deeply understand the substantial impact that the engineering profession and engineers themselves can have on society and individuals. Ultimately, your accomplishments will be measured by the influence your work exerts on those around you. I encourage you to observe your surroundings and channel your efforts into devising fresh and innovative technology that addresses the most pressing societal challenges of our time. Consider aspiring to become exceptional entrepreneurs, bringing forth ingenious ideas into the market. The more lives you uplift through your innovative solutions, the clearer it becomes that you're driving meaningful change in society. Let's strive to enable as much of this positive change as we possibly can.

The Institute offers a wide range of undergraduate and graduate programs in fields such as engineering, management, computer applications, applied sciences, and humanities. In the 2023-2024 and 2024-2025 academic years, we introduced seven new B.Tech programs, including Industrial Internet of Things (IIOT), Mathematics and Computing (M&C), Artificial Intelligence and Machine Learning (AI&ML), Microelectronics and VLSI Technology, Robotics and Automation, Sustainable Technologies, and Artificial Intelligence and Data Science, as well as a new B.Arch. program in Architecture and Planning. Additionally, we launched new master's programs in Applied Sciences—Physics, Chemistry, and Mathematics—during the 2023-2024 academic year, all of which are running successfully. We take pride in our distinguished faculty, dedicated staff, outstanding students, accomplished alumni, and state-of-the-art infrastructure. Our strong industry connections offer valuable opportunities for internships, research collaborations, and employment. This Handbook of Information serves as a comprehensive guide, providing detailed insights into various aspects of the Institute, which will become familiar and appreciated over time. We welcome and value your feedback as we continuously work to enhance the experience for our community.

As the leader, I assure you that you will experience comfort similar to that of a home, with ample space and facilities for self-exploration and material progress. I encourage you to dream big and develop a deep passion for life, aiming to serve society as technocrats, businesspersons, or world leaders. I wish you an enriching and fulfilling experience at this Institute, guided by the divine, and hope you achieve both personal and professional growth. Your time here is a stepping-stone towards a promising future, and I am confident you will seize the opportunities available.

Additionally, I urge you to embrace eco-friendly practices on campus to help maintain our green environment. In line with this commitment, we recently distributed 100 bicycles to students, promoting sustainable living. These initiatives will continue in the future.

With Best Wishes

Prof. B.V. Ramana Reddy

Director

Message from Dean Students' Welfare

The office of the Dean Students' Welfare congratulates and welcomes the batch of 2024 at the National Institute of Technology Kurukshetra. It gives me immense pleasure to inform you 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. Holistic development of the students is our prime motive.

The office of the Dean Students' Welfare ensures the overall growth of the students by providing ample opportunities and a platform to the students to showcase and chisel their personality traits. We believe that 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 the needs of different stakeholders. A 'Student Council' is involved 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 you 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. Public display of affection is strictly prohibitive.

I hope this handbook will provide all the necessary information about the institute. The principal objective of this office is to extend all possible aid for the growth and progress of the students. The office of Dean (Students' Welfare) 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.

Dean (Students' Welfare)
NIT Kurukshetra

With Best Wishes
Dr. Dixit Garg

Handbook

of Information

2024-25

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, has 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 a 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 15 B.Tech. programs, 17 M.Tech. Programs and 3 M.Sc. 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 technical education. In the course of this journey, the Institute has contributed immensely to the technical education, Research & Development and consultancy.

In addition to providing instruction 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 organized into three functional sectors; Residentialsector for the students (Hostels), Instructional sector, and the Residential sector for the staff.

Hostels: Being a residential institution, hostel accommodation is available for students. Accommodation in P.G. Hostels are provided to M.Tech. & M. Sc. 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. One more Lecture Complex is under construction. The construction work of the Business Administration and the Computer Applications blocks have already completed. Some of the other major new facilities developed are as follows: Air-conditioning of class rooms, examination halls have been completed. 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 and existing facilities, the initiatives were taken and which now started yielding results. The detail of center and organization 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 Center: 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 a hundred percent residential facility to its faculty, 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 ŌF ḠOVERNORS

1.	**Chairman (Acting)**	**Dr. B. V. Ramana Reddy** **Director,** **National Institute of Technology,** **Kurukshetra**
2.	Member	Dr. B. V. Ramana Reddy Director, National Institute of Technology, Kurukshetra
3.	Member	Joint Secretary (NITs) Department of Higher Education, Ministry of Education (Shiksha Mantralaya), Government of India, Shastri Bhawan, New Delhi-110 115.
4.	Member	Joint Secretary & Financial Adviser Department of Higher Education, Ministry of Education (Shiksha Mantralaya), Government of India, Shastri Bhawan, New Delhi-110 115.
5.	Member	Nominee of Govt. of Haryana, (To be nominated)
6.	Member	Nominee of Govt. of Haryana, (To be nominated)
7.	Member	Nominee of NIT Council, (To be nominated)
8.	Member	Nominee of NIT Council, (To be nominated)
9.	Member	Director, Indian Institute of Technology, Ropar, Ropar - 140001 (Punjab)
8.	Member	Dr. (Ms.) Minati Baral Professor, Department of Chemistry, NIT Kurukshetra

9.	Member	Sh. Sandeep Santosh Associate Professor Department of Electronics & Comm. Engineering, NIT Kurukshetra
10.	Secretary	Registrar NIT Kurukshetra

ADMINISTRATION

DIRECTOR	**Dr. B. V. Ramana Reddy**
DEANS	
Dean (Academic)	Prof. R. P. Chauhan
Dean (Planning and Development)	Prof. V. P. Singh
Dean (Students Welfare)	Prof. Dixit Garg
Dean (Faculty Welfare)	Prof. Saraswati Setia
Dean (Research and Consultancy)	Prof. R. K. Sharma
Dean (Estate & Construction)	Prof. V. P. Singh
Associate Deans	
Associate Dean (Academic)	Dr. A. S. V. Ravi Kanth
Associate Dean (Planning & Development)	Dr. Niraj Pratap Singh
Associate Dean (Students Welfare)	Dr. Rajiv Verma
	Dr. Arvind Kumar
Associate Dean (Research & Consultancy)	Dr. N. K. Singh
Associate Dean (Industry & International Relations)	Dr. (Ms.) Shelly Vadhera
COORDINATOR UNNAT BHARAT ABHIYAN (UBA)	Dr. Sathans
CO-COORDINATOR(S) -UBA	Dr. Anil K Dahiya
	Dr. Chetti Prabhakar

HEAD OF TEACHING DEPARTMENTS

Civil Engineering	Dr. S. M. Gupta
Electrical Engineering	Dr. (Ms.) Jyoti Ohri
Mechanical Engineering	Dr. Hari Singh
Electronics and Communication Engineering	Dr. Karan Sharma
Computer Engineering	Dr. A. K. Singh

Physics	Dr. Neena Jaggi
Chemistry	Dr. Minati Baral
Mathematics	Dr. A. S. V. Ravi Kanth
Humanities & Social Sciences	Dr. Vikas Choudhary
Business Administration	Dr. Neeraj Kaushik
Computer Applications	Dr. Sandeep Kumar Sood

COORDINATORS OF SCHOOLS

School of Renewable Energy	Dr. Ashwani Kumar
School of VLSI Design and Embedded Systems	Dr. R. K. Sharma
Registrar (In charge)	Shri G. R. Samantaray

FACILITIES, ACTIVITIES AND SECTIONS HEADS

Chief Warden (Boys Hostels)	Dr. J. K. Kapoor
Chief Warden (Girls Hostels)	Dr. Lillie Dewan
Deputy Chief Warden (Boys Hostels)	Dr. Mohit Dua Dr. Y. Dwivedi
Chairman, Library Committee	Dr. Saraswati Setia
Chairman, Canteen Committee	Dr. Sathans
Chairman (Proctorial Board)	Dr. Rajiv Verma
Chairman (Internal Complaints Committee)	Dr. Ratna Dahiya
Chairman (Grievance Redressal Cell)	Dr. Rajoo Pandey
Chairman (Institute Handbook)	Dr. Chetti Prabhakar
Prof.-in-Charge (Public Relations)	Dr. P. C. Tewari
Prof.-in-Charge (Physical Education)	Dr. P. C. Tewari
Prof.-in-Charge (Centre of Computing & Networking and SAMARTH)	Dr.L. M. Saini
Prof.-in-Charge (Health Centre)	Dr. Ajai Jain
Prof.-in-Charge (Annual Report)	Dr. Meenu
Prof.-in-Charge (Indian Knowledge System Cell)	Dr. R. K. Aggarwal
Prof.-in-Charge (Students' Clubs)	Dr. Saraswati Setia

Prof.-in-Charge (Institute Time-Table)	Dr. Rajeev Verma
Prof.-in-Charge (Technical Societies)	Dr. Gian Bhushan
Prof.-in-Charge (Security and Surveillance)	Dr. V. K. Bajpai
Coordinator (IPR Cell)	Dr. L. M. Saini
Coordinator (Thought lab)	Dr. Dixit Garg
Coordinator (NIRF, NBA, & NAAC)	Dr. Sandeep Singhal
Coordinator (Yoga Centre)	Dr. Niyati Baliyan
Faculty-in-Charge (General Administration)	Dr. V. S. Nagendra Reddy B
Faculty-in-Charge (Examination)	Dr. Banavathu Bhaskara Rao
Faculty-in-Charge (UG Affairs and Academic Portal for Students)	Dr. Bhanu Pratap & Dr. Shweta Sharma
Faculty-in-Charge (PG Affairs)	Dr. A. K. Tripathi
Faculty-in-Charge (PhD Affairs)	Dr. Than Singh Saini
Faculty-in-Charge (Training & Placement)	Dr. Surender Ontela
Faculty-in-Charge (Electrical Maintenance & Telephones)	Dr. Kiran Kumar Jaladi
Faculty.-in-Charge (Indian Knowledge System Cell)	Dr. Shabnam
Faculty.-in-Charge (ERP SAMARTH)	Dr. Vikram Singh
Faculty-in-Charge (Industry & Entrepreneurship)	Dr. Pradeep Kumar
Faculty-in-Charge (Innovation and Incubation)	Dr. Gulshan Sachdeva
Faculty-in-Charge (Research and Development)	Dr. K. L. Ganapathi
Faculty-in-Charge (Stores & GEM Cell/ Purchases)	Dr. Avijit Kumar Paul
Faculty-in-Charge (Accounts)	Dr. Chetti Prabhakar
Faculty-in-Charge (Institute Time-Table)	Dr. Pradeep Kumar
Faculty.-in-Charge (Horticulture and Landscaping)	Dr. Vikas Kharb
Faculty.-in-Charge (Sanitation and Cleanliness)	Dr. Kapil
Faculty.-in-Charge (Technical Societies)	Dr. Gaurav Saini
Faculty-in-Charge (Institute Magazine & Newsletter)	Dr. Tanmay Maji
Faculty-in-Charge (Annual Report)	Dr. Tanmay Maji
Faculty-in-Charge (Hindi Languages & Moral Education)	Dr. Manoj Kumar Sinha
Faculty-in-Charge (Guest House)	Dr. V. S. Nagendra Reddy B
Faculty-in-Charge (Security and Surveillance)	Dr. Rajesh Kumar
Joint Registrar (General Administration)	Shri G. R. Samantaray
Deputy Registrar (Dean SW office)	Shri Pankaj Kumar Bayati

Principal Technical Officer (Central Workshop)	Shri Lalit Mehra
Senior Medical Officer	Dr. (Ms.) Minati Raut
Medical Officer	Dr. Sumit Kumar Guin
Medical Officer	Dr. Rishu Saxena
SAS Officer	Shri Shahabuddin
Security Officer	Shri Ajeet Singh Yadav
Liaison Office (SC/ST)	Dr. Chandrashekar M.
Liaison Office (OBC/PWD)	Dr. Vikram Singh
Nodal Officer (Disposal of Online Pending Public Grievances)	Dr. Ashwani Kumar
Nodal Officer (Unnat Bharat Abhiyan)	Dr. Rajesh Aggarwal
Nodal Officer (NMEICT and AISHE)	Dr. S. K. Jain
Nodal Officer (SWACHHTA Ambassador Committee)	Dr. Vijay Verma
Nodal Officer (Students Online Grievances Redressal Portal)	Dr. Karamdeep Singh & Dr. Priyanka Sihag
NSS Program Officer	Dr. Dheeraj Kumar Sharma
Assistant Librarian	Shri Manish Garg
Assistant Registrar (Sports)	Shri Rajeev Saini
Assistant Registrar (Internal Audit Division)	Shri Ramesh
Assistant Registrar (Accounts)	Mohammad Afroz
Assistant Engineer SG-I (Civil)	Shri S. N. Kaushik

IMPORTANT TELEPHONE NUMBERS

1.	**Director**	**Prof. B. V. Ramana Reddy**	**238083**
2.	Dean (Academic)	Prof. R. P. Chauhan	233223
3.	Dean (Planning and Development)	Prof. V. P. Singh	233222
4.	Dean (Students Welfare)	Prof. Dixit Garg	233448
5.	Dean (Faculty Welfare)	Prof. Saraswati Setia	233300
6.	Dean (Research and Consultancy)	Prof. R. K. Sharma	233301
7.	Dean (Estate & Construction)	Prof. V. P. Singh	233221
8.	Chief Warden (Boys Hostels)	Prof. J. K. Kapoor	233249
9.	Chief Warden (Girls Hostels)	Prof. Lillie Dewan	233379
10.	Registrar (Incharge)	Sh. G. R. Samantaray	233206
11.	Faculty-in-Charge (Training & Placement)	Dr. Surender Ontela	233302
12.	Security Officer	Shri Ajeet Singh Yadav	233296
13.	Assistant Librarian	Shri Manish Garg	233282
14.	Assistant Engineer SG-I (Civil)	Shri S. N. Kaushik	233233
15.	Guest House		233312
16.	Boys Hostel-1 (Abhimanyu Bhawan)		238635
17.	Boys Hostel-2 (Bhishma Bhawan)		238676
18.	Boys Hostel-3 (Chakradhar Bhawan)		238674
19.	Boys Hostel -4 (Dronacharya Bhawan)		239640
20.	Boys Hostel -5 (Eklavya Bhawan)		238639

21.	Boys Hostel -6 (Fanibhushan Bhawan)	238276
22.	Boys Hostel -7 (Girivar Bhawan)	207607
23.	Boys Hostel -8 (Harihar Bhawan)	206416
24.	Boys Hostel -9 (Indivar Bhawan)	206735
25.	Boys Hostel -10 (Visvesvaraya Bhawan)	207751
26.	Boys Hostel -11 (Vivekananda Bhawan)	233191
27.	Girls Hostel -1 (Alaknanda Bhawan)	233257
28.	Girls Hostel -2 (Bhagirathi Bhawan)	233258
29.	Girls Hostel -3 (Caveri Bhawan)	233256
30.	Girls Hostel -4 (Kalpana Chawla)	233254
31.	Fax	238050

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.

PUBLIC INFORMATION OFFICE

In order to promote openness, transparency and accountability in administration, the 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 given 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	Designation	Subject Matter
1.	Dr. S. M. Gupta Professor, Civil Engineering Deptt.	First Appellate Authority	All matters relating to the institute
2.	Joint Registrar (GA)	Central Public Information Officer	All matters relating to the Institute
3.	Dy. Registrar (Academic)	Assistant Central Public Information Officer	All matters relating to the Academic Section
4.	Assistant Registrar (Accounts)	Assistant Central Public Information Officer	All matters relating to the Accounts Section
5.	Assistant Registrar (GA)	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.	Superintendent SG-II (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

COURSE OF STUDY

The institute offers courses of study leading to B.Tech., B.Arch., MBA, MCA, M.Tech., M.Sc. degrees and research facilities leading to the degree of Doctor of Philosophy (Ph.D.). The medium of instructions and examinations is English. The Institute is "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
1.	Civil Engineering	120
2.	Computer Engineering	120
3.	Electrical Engineering	120
4.	Electronics & Communication Engineering	120
5.	Information Technology	60
6.	Mechanical Engineering	120
7.	Production & Industrial Engineering	40
8.	Industrial Internet of Things	60
9.	Al & ML	60
10.	Mathematics and Computing	57
11.	Robotics & Automation	50
12.	Micro Electronics & VLSI Engineering	60
13.	Artificial Intelligence & Data Science	60
14.	Sustainable Energy Technologies	60
15.	B.Arch. & Planning	40
	Total	1147

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

Seat Matrix (Academic Year 2024-25) B.Tech.																	
Institute Code	**Institute Name**	**Program Code**	**Program Name**	**Seat Pool (State Quota or Other State/All India Quota)**	**Seat Pool (Gender-Neutral or Female-only)**	**OPEN**	**OPEN-PwD**	**GEN-EWS**	**GEN-EWS-PwD**	**SC**	**SC-PwD**	**ST**	**ST-PwD**	**OBC-NCL**	**OBC-NCL-PwD**	**Program-Total**	
																Seat Capacity	**Female Supernumerary**
220	National Institute of Technology, Kurukshetra	4109	Civil Engineering (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	17	1	4	0	6	1	3	0	11	0	54	0
					Female-only (including Supernumerary)	4	0	1	0	1	0	1	0	3	1		
220	National Institute of Technology, Kurukshetra	4109	Civil Engineering (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	17	1	4	1	6	0	3	0	11	0	54	0
					Female-only (including Supernumerary)	4	0	4	1	6	0	3	0	11	0		
220	National Institute of Technology, Kurukshetra	4111	Electrical Engineering (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	16	0	5	0	6	1	3	0	12	0	54	0
					Female-only (including Supernumerary)	5	1	1	0	1	0	1	0	2	0		
220	National Institute of Technology, Kurukshetra	4111	Electrical Engineering (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	16	0	4	0	7	0	3	1	11	1	54	0
					Female-only (including Supernumerary)	4	1	1	0	1	0	0	0	4	0		
220		4114		Haryana	Gender-Neutral	17	1	4	0	6	0	3	0	11	1	54	0

	National Institute of Technology, Kurukshetra		Electronics and Communication Engineering (4 Years, Bachelor of Technology)		Female-only (including Supernumerary)	4	0	1	0	2	0	1	0	3	0		
220	National Institute of Technology, Kurukshetra	4114	Electronics and Communication Engineering (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	17	1	4	1	6	0	3	0	11	0	54	0
					Female-only (including Supernumerary)	4	0	1	0	1	0	1	0	3	1		
220	National Institute of Technology, Kurukshetra	4125	Mechanical Engineering (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	16	1	5	0	6	0	3	1	11	0	54	0
					Female-only (including Supernumerary)	5	0	1	0	1	0	1	0	3	0		
220	National Institute of Technology, Kurukshetra	4125	Mechanical Engineering (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	16	0	4	0	7	1	3	0	11	1	54	0
					Female-only (including Supernumerary)	4	1	1	0	1	0	0	0	4	0		
220	National Institute of Technology, Kurukshetra	4136	Production and Industrial Engineering (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	6	0	2	0	2	0	1	0	4	1	20	0
					Female-only (including Supernumerary)	2	0	0	0	1	0	0	0	1	0		
220	National Institute of Technology, Kurukshetra	4136	Production and Industrial Engineering (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	6	1	1	0	2	0	2	0	4	0	20	0
					Female-only (including Supernumerary)	1	0	1	0	1	0	0	0	1	0		
220	National Institute of Technology, Kurukshetra	4146	Information Technology (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	9	1	2	0	3	0	2	0	6	1	30	0
					Female-only (including Supernumerary)	2	0	1	0	1	0	0	0	2	0		

220	National Institute of Technology, Kurukshetra	4146	Information Technology (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	9	0	3	0	3	1	2	0	6	0	30	0
					Female-only (including Supernumerary)	3	0	0	0	1	0	1	0	1	0		
220	National Institute of Technology, Kurukshetra	4151	Computer Engineering (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	17	1	4	0	6	0	3	0	11	1	54	0
					Female-only (including Supernumerary)	4	0	1	0	2	0	1	0	3	0		
220	National Institute of Technology, Kurukshetra	4151	Computer Engineering (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	17	1	4	1	6	0	3	0	11	0	54	0
					Female-only (including Supernumerary)	4	0	1	0	2	0	1	0	2	1		
220	National Institute of Technology, Kurukshetra	410P	Artificial Intelligence & Machine Learning (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	9	0	2	0	4	0	1	1	6	1	30	0
					Female-only (including Supernumerary)	2	0	1	0	1	0	0	0	2	0		
220	National Institute of Technology, Kurukshetra	410P	Artificial Intelligence & Machine Learning (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	11	1	3	0	3	0	1	0	5	0	30	0
					Female-only (including Supernumerary)	2	0	0	0	1	0	1	0	2	0		
220	National Institute of Technology, Kurukshetra	411C	Industrial Internet of Things (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	9	0	3	0	4	0	1	0	7	0	30	0
					Female-only (including Supernumerary)	3	0	0	0	1	0	1	0	1	0		
220		411C			Gender-Neutral	10	1	2	0	2	1	1	0	6	1	30	0

	National Institute of Technology, Kurukshetra		Industrial Internet of Things (4 Years, Bachelor of Technology)	Other than Haryana	Female-only (including Supernumerary)	2	0	1	0	1	0	1	0	1	0		
220	National Institute of Technology, Kurukshetra	4124	Mathematics and Computing (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	9	1	3	0	4	0	1	0	6	0	29	0
					Female-only (including Supernumerary)	2	0	0	0	1	0	1	0	1	0		
220	National Institute of Technology, Kurukshetra	4124	Mathematics and Computing (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	9	0	2	0	2	1	1	0	6	1	28	0
					Female-only (including Supernumerary)	2	0	1	0	1	0	1	0	1	0		
220	National Institute of Technology, Kurukshetra	412A	Robotics & Automation (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	8	0	2	0	3	0	1	0	6	0	25	0
					Female-only (including Supernumerary)	2	0	1	0	1	0	0	0	1	0		
220	National Institute of Technology, Kurukshetra	412A	Robotics & Automation (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	8	1	2	0	2	0	2	0	4	1	25	0
					Female-only (including Supernumerary)	1	0	0	0	2	0	0	0	2	0		
220	National Institute of Technology, Kurukshetra	412B	Microelectronics & VLSI Engineering (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	9	1	1	1	3	0	2	0	7	0	30	0
					Female-only (including Supernumerary)	2	0	1	0	1	0	0	0	2	0		
220		412B			Gender-Neutral	10	0	2	0	4	0	1	1	6	0	30	0

	National Institute of Technology, Kurukshetra		Microelectronics & VLSI Engineering (4 Years, Bachelor of Technology)	Other than Haryana	Female-only (including Supernumerary)	2	0	1	0	1	0	1	0	1	0		
220	National Institute of Technology, Kurukshetra	412D	Sustainable Energy Technologies (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	9	1	2	1	4	0	1	0	6	0	30	0
					Female-only (including Supernumerary)	2	0	0	0	1	0	1	0	1	1		
220	National Institute of Technology, Kurukshetra	412D	Sustainable Energy Technologies (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	10	0	2	0	3	0	2	0	7	0	30	0
					Female-only (including Supernumerary)	2	0	1	0	1	0	1	0	1	0		
220	National Institute of Technology, Kurukshetra	4188	Artificial Intelligence and Data Science (4 Years, Bachelor of Technology)	Haryana	Gender-Neutral	10	0	2	1	3	1	1	0	5	1	30	0
					Female-only (including Supernumerary)	2	0	0	0	1	0	1	0	2	0		
220	National Institute of Technology, Kurukshetra	4188	Artificial Intelligence and Data Science (4 Years, Bachelor of Technology)	Other than Haryana	Gender-Neutral	9	0	3	0	3	0	2	0	7	0	30	0
					Female-only (including Supernumerary)	3	0	0	0	1	0	1	0	1	0		
220	National Institute of Technology, Kurukshetra	5103	Architecture and Planning (5 Years, Bachelor of Architecture)	Haryana	Gender-Neutral	6	0	2	0	1	1	1	0	5	0	20	0
					Female-only (including Supernumerary)	2	0	0	0	1	0	0	0	1	0		
220		5103			Gender-Neutral	6	1	1	0	2	0	2	0	4	0	20	0

	National Institute of Technology, Kurukshetra		Architecture and Planning (5 Years, Bachelor of Architecture)	Other than Haryana	Female-only (including Supernumerary)	1	0	1	0	1	0	0	0	1	0		
					Total	440	24	164	8	82	4	295	15	109	6	1147	

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

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 countries. The seat matrix for this category is given below

NIT Kurukshetra, Branch & Sanctioned Intake of UG (B.Tech.) Programmes (Supernumerary Seats) (DASA/MEA/ICCR/SII																
Sr. No.	**B.Tech. Branch/Year**	**Regular Intake**	**Max. Supernumerary Seats (15% of Regular intake)**	**DASA**			**MEA**	**NSS**	**SSS**	**ICCR**	**SII (TUITION FEE WAIVER %)**					**Total Seats Reserved**	**Remaining Seats (for Allotment)**
				CIWG	**NON-CIWG**	**Total**					**0%**	**25 %**	**50 %**	**100 %**	**Total**		
		1	**2= (15% of 1)**	**3**	**4**	**5= (3+4)**	**6**	**6.1**	**6.2**	**7**	**8**	**9**	**10**	**11**	**12=(8+9+10+11)**	**13=(5+6+6.1+6.2+7+12)**	**14=(2-13)**
	YEAR (2023)																
1	Civil Engg.	140	21	2	3	5	1	1	1	5	4	-	1	-	5	18	3
2	Computer Engg.	210	32	4	6	10	1	1	1	3	4	1	-	-	5	16	16
3	Information Technology	140	21	1	4	5	1	1	1	2	-	-	-	-	-	10	11

4	Electrical Engg.	140	21	2	3	5	1	1	1	5	4	1	-	-	5	18	3
5	Electronics & Comm. Engg.	140	21	2	3	5	1	1	1	5	4	1	-	-	5	18	3
6	Production & Industrial Eng.	60	9	1	1	2	-	1	1	5	-	-	-	-	-	12	-3
7	Mechanical Engg.	140	21	2	3	5	1	1	1	3	4	-	1	-	5	16	5
8	AI & Machine Learning	**60**	**9**	**1**	**1**	**2**	-	-	-	-	-	-	-	-	-	**0**	**9**
9	Industrial Internet of Things	**60**	**9**	**1**	**1**	**2**	-	-	-	-	-	-	-	-	-	**0**	**9**
10	Mathematics & Computing	**57**	**9**	**1**	**1**	**2**	-	-	-	-	-	-	-	-	-	**0**	**9**
	Total (2023)	1147	173	12	23	35	6	7	7	28	20	3	2	0	25	108	65
	NOTE	**NSS : Nepal Scholarship Scheme under Ministry of External Affairs** **SSS: Syrian Scholarship Scheme under Ministry of External Affairs** **MEA: Ministry of External of Affairs Quota** **DASA: Direct Admission of Student Abroad** **SII: Study of India** **ICCR: Indian Council for Cultural Relations**															

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 and self-financed 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-2024:

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-2024 are given in Table 1.

Table 1: Seat Matrix for admission in M.Tech. through CCMT- 2024

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)	6	2	4	2	1	0	0	0	0	0	15
	Geotechnical Engineering (GE)	7	1	3	2	1	0	0	1	0	0	15
	Structural Engg. (SU)	7	2	6	3	1	1	0	0	0	0	20
	Transportation Engg. (TE)	8	2	5	2	2	0	0	0	1	0	20
Computer Engg.	Computer Engg. (XE)	13	3	7	4	2	0	0	1	1	0	31
	Cyber Security (BR)	9	3	7	3	2	1	0	0	0	0	25

Electrical Engineering	Control System (CP)	4	1	2	2	1	0	0	0	0	0	10
	Power Electronics & Drives (PD)	3	1	3	1	1	1	0	0	0	0	10
	Power System (TJ)	4	1	2	2	0	0	0	1	0	0	10
Electronics & Comm. Engg.	Communication Systems (CY)	5	2	4	2	0	1	0	0	0	1	15
Mechanical Engg.	Machine Design (MD)	4	1	3	1	1	0	0	0	0	0	10
	Production and Industrial Engg. (IP)	3	1	2	2	1	1	0	0	0	0	10
	Thermal Engineering (TI)	4	1	3	2	0	0	0	0	0	0	10
Physics	Materials Science & Nanotechnology	4	1	2	2	1	0	0	0	0	0	10
School of VLSI Design & Embedded System	Embedded System Design (VF)	10	1	7	4	2	0	1	0	0	0	25
	VLSI Design (VN)	15	4	10	6	3	1	0	1	0	0	40
School of Renewable Energy & Efficiency	Renewable Energy Systems (RN)	4	1	3	1	1	0	0	0	0	0	10
GRAND TOTAL		110	6	28	1	41	2	20	1	73	4	286

Institute scholarship shall be available to only GATE qualified candidates at the time of admission.

1.2 Through Direct Admission

The Institute offers admissions directly through Institute level counseling in the academic session 2024-25 on Sponsored seats for all branches and specialization (Table 2).

Table 2: Seat Matrix Sponsored seats (2024) 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
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	Materials Science & 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		33	9	22	12	5	1	1	0	1	1	85

1.3 Through Self-Financed Mode:

Table 3: Seat Matrix for admission in M.Tech. Self-Financed 2024

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)	2	1	1	1	0	0	0	0	0	0	5
	Geotechnical Engineering (GE)	2	0	2	1	0	0	0	0	0	0	5
	Structural Engg. (SU)	2	0	2	0	0	0	1	0	0	0	5
	Transportation Engg. (TE)	2	0	1	1	1	0	0	0	0	0	5
Computer Engg.	Computer Engg. (XE)	5	2	3	2	1	1	0	1	0	0	15
	Cyber Security (BR)	4	1	3	1	1	0	0	0	0	0	10
Electrical Engineering	Control System (CP)	2	1	1	1	0	0	0	0	0	0	5
	Power Electronics & Drives (PD)	2	0	2	1	0	0	0	0	0	0	5
	Power System (TJ)	3	0	1	0	1	0	0	0	0	0	5
Electronics & Comm. Engg.	Communication Systems (CY)	2	1	1	1	0	0	0	0	0	0	5
Mechanical Engg.	Machine Design (MD)	2	0	2	1	0	0	0	0	0	0	5
	Production and Industrial Engg. (IP)	2	0	1	0	1	0	0	0	1	0	5
	Thermal Engineering (TI)	2	1	1	1	0	0	0	0	0	0	5
Physics	Materials Science & Nanotechnology	2	0	1	1	1	0	0	0	0	0	5
School of VLSI Design & Embedded System	VLSI Design (VN))	7	2	4	3	2	1	0	1	0	0	20
	Embedded System Design (VF	4	1	3	1	1	0	0	0	0	0	10
School of Renewable Energy & Efficiency	Renewable Energy Systems (RN)	2	1	1	1	0	0	0	0	0	0	5
GRAND TOTAL		47	11	30	17	9	2	1	2	1	0	120

1.4 Under DASA/MEA/ICCR Category

The seat matrix for this category is given in Table 4.

Table 4: Seat Matrix for admission to PG programmes (2024-25)

Sr. No.	Department Name	Programme Name	DASA			MEA	MEA (NSS)	MEA (SSS)	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	0	0	0	0	1	-	-	-	1	2
2		Geotechnical Engineering	1	0	1	0	1	0	0	0	0	0	0	0	2
3		Structural Engineering	0	1	1	1	0	0	1	0	0	0	0	0	3
4		Transportational Engineering	1	0	1	0	1	0	1	0	0	0	0	1	3
5	Computer Engineering Department	Computer Engineering (Cyber Security)	0	1	1	1	0	0	0	1	0	0	0	1	3
6		Computer Engineering	1	0	1	1	1	0	1	0	0	0	0	0	4
7	Electronics & Communications Department	Communications Systems	0	1	1	0	0	0	1	0	0	0	0	0	2
8	Electrical Engineering Department	Control System	0	0	0	0	1	0	0	0	0	0	0	0	1
9		Power Electronics & Drives	0	0	0	0	0	0	1	0	0	0	0	0	1
10		Power System	0	0	0	0	1	0	0	0	0	0	0	0	1

11	Mechanical Engineering Department	Machine Design	0	1	1	0	0	0	0	0	0	0	0	0	1
12		Production & Industrial Engineering	0	0	0	1	0	0	0	0	0	0	0	0	1
13		Thermal Engineering	1	0	1	0	0	0	0	0	0	0	0	0	1
14	Physics	Materials Science & Nanotechnology	0	0	0	1	0	0	0	0	0	0	0	0	1
15	School of Renewable Energy & Efficiency	Renewable Energy Systems	1	0	1	0	0	0	0	0	0	0	0	0	1
16	School of VLSI Design & Embedded Systems	Embedded System Design	0	1	1	1	0	1	1	0	0	0	0	0	4
17		VLSI Design	0	1	1	1	1	0	1	0	0	0	0	0	4
Total (M.Tech) (18 Programmes)			5	7	12	7	6	1	7	2	0	0	0	2	35
18	Department of Business Administration	MBA	0	1	1	1	1	0	1	0	0	0	0	0	4
19	Department of Computer Application	MCA	0	1	1	1	1	0	1	0	0	0	0	0	4
M.Sc (Physics)															
M.Sc (Chemistry)															
M.Sc (Mathematics)															
TOTAL (20- PG Programmes) (2024)			5	9	14	9	8	1	9	2	0	0	0	2	43

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

1.5 Admission in M.Sc. Programmes

Table 5: Seat Matrix of M.Sc. Programmes of NIT Kurukshetra for AY 2024-25

S. No.	Programme Name	Seat Type	Open	Open-PwD	EWS	EWS-PwD	OBC-NCL	OBC-NCL PwD	SC	SC-PwD	ST	ST-PwD	Total
1.	M.Sc. (Physics)	RG	9	1	2	0	7	0	4	0	2	0	25
2.	M.Sc. (Physics)	SF	2	0	1	0	1	0	1	0	0	0	5
3.	M.Sc. (Chemistry)	RG	10	0	2	0	6	1	4	0	2	0	25
4.	M.Sc. (Chemistry)	SF	2	0	1	0	1	0	0	1	0	0	5
5.	M.Sc. (Mathematics)	RG	9	1	2	0	7	0	4	0	2	0	25
6.	M.Sc. (Mathematics)	SF	2	0	0	1	1	0	0	0	1	0	5
	Grand Total		34	2	8	1	23	1	13	1	7	0	90

Legends

1. RG- Regular Seat
2. SF- Self Finance Seat
3. EWS- Economically Weaker Section
4. OBC- NCL- Other Backward Class Non-Creamy Layer
5. SC – Scheduled Caste Horizontal reservation within Category
6. ST – Schedule Tribe
7. PwD – Person with Disability

Reservation as per Government of India (GoI) norms used for preparation of Seat matrix

OBC- 27%
SC – 15%
ST- 7.5%
EWS – 10%
PwD – 5%

1.6 Master of Business Administration (MBA)

Table 6: MBA Seat Matrix (2024-25)

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

1.7 Master of Computer Applications (MCA)

Table 7: MCA Seat Matrix (2024-25)

Cat.	OP	OBC	SC	ST	EWS	OP PWD	OBC PWD	SC PWD	ST PWD	EWS PWD	Total
Regular Seats	25	16	9	5	6	1	1	1	0	0	64
Self-Finance	12	8	5	2	3	1	1	0	0	0	32
Total Seats	37	24	14	7	9	2	2	1	0	0	96

Attendance, Evaluation, Examination and other rules

Credit-based System of Evaluation

The Institute follows a 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. The students 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.

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/Tutorial per week is assigned ONE/HALF 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 ≤ A+ ≤ 100	Excellent	10
75 ≤ A < 85	Very Good	09
65 ≤ B < 75	Good	08
50 ≤ C < 65	Average	06
40 ≤ D < 50	Pass	04
0 ≤ F < 40	Re-appear	00

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 ith course and Gi indicates the Grade point equivalent to the Letter Grade obtained by the student to the ith 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 Mid Semester Exams.	20+20 = 40
2.	Teacher's Assessment (through viva-voce, Home Assignments, on the Spot tests, Short Quizzes etc.)	10
3.	End Semester Examination	50
(b)	**Practicals**	
1.	Mid Semester Evaluation (to be conducted in regular Practical Classes)	40
2.	Teacher's Assessment (through viva-voce, lab. Reports & class work etc.)	20
3.	End Semester Examination	40
(c)	**Integrated Courses (L/T+P)**	
1.	Internal evaluation of theory and practical component of course	50
2.	End semester evaluation of theory and practical component of course	50
(d)	For Seminars, Projects, Training, Comprehensive viva and General Fitness evaluation, the weightage will be decided by Departmental Review/Academic Committees.	
(e)	For Audit Courses, the valuation will be done in the ongoing classes throughout the semester on a regular basis through assignment/quizzes/viva-voce etc. by respective teacher. These courses being qualifying in nature; the student will be awarded A+ grade on qualifying the course. The student who fails to qualify, will be awarded D grade in the course and he/she will have to qualify the course in the subsequent semesters as re-appear candidate. The re-appear in Audit Course will not be counted towards for the purpose of progression to 5th & 7th semesters.	

The criteria of minimum requirement of attendance for being eligible to appear in the end semester examinations, obtain minimum 'D' grade and earn the assigned credits 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. up to 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 students are 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
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

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. Outgoing 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 a 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	10

	Projects/technical competitions etc.	
C.	Extra-curricular activities	
1.	Club activities	15
2.	Sports Activities (including NCC)	15
3.	Socially Relevant Activities (events for the Under privileged/Board 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 events in the Institute/ district competition subject to the maximum of 2 marks.

Three additional marks for the Captain University colour.

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

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 T & P, Major Project etc	-	25 marks

Marks proportional to the achievements of the students 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 Gold Medal & Certificate

Gold Medal along with a certificate and cash award of Rs. 5,000/- for the students who secured 1st position in the final examination is awarded to the toppers in 2nd and 3rd year Mechanical Engineering in the memory of Late Dr. R.P. Singh, a former faculty member of Mech. Engg. Dept.

Shri Shyam Sunder Dhingra Gold Medal & Certificate

The ex-students of Elect. Engg. Branch of 1981-86 Batch have instituted a Gold Medal along with a certificate and 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

Manohar Award of Excellence from the year 2009-10

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

SCHOLARSHIP/ FINANCIAL ASSISTANCE

RECK-66 ALUMINI SCHOLARSHIP

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

RECK-71 ALUMINI SCHOLARSHIP

Alumni awarded RECK-71 scholarship to economically weaker and top ranked students of B.Tech. 3rd Semester for all seven branches based upon their 1st year results from Academic Session 2022-23.

RECK-72 ALUMNI SCHOLARSHIP

Alumni awarded RECK-72 scholarship to economically weaker and top ranked students of B.Tech. 5th Semester for all seven branches based upon their 2nd year results from Academic Session 2022-23.

DR. AMITABH SHARMA SCHOLARSHIP

Alumni awarded DR. AMITABH SHARMA scholarship to MBA Final Year economically weaker girl student based upon her 1st year results.

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.

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

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) Institute Scholarship (Equivalent to SRF)	37000/- 42000/-

SCHOLARSHIPS/ASSISTANCE-SHIP

Merit-cum-means and other Scholarships for B.Tech.

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

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

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

SCHOLARSHIPS AND AWARDS

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

Scholarships		**Number awarded**					**Value (Rs.)**
Academic Year		**2023**	**2022**	**2021**	**2020**	**Total**	
Merit Scholarship		84	84	84	84	336	Rs.3000/- & certificate each
NATIONAL FELLOWSHIP AND SCHOLARSHIP FOR HIGHER EDUCATION OF ST STUDENTS		144	125	88	64	421	As sanctioned by the Central / State Government
CENTRAL SECTOR SCHOLARSHIP OF TOP CLASS EDUCATION FOR SC STUDENTS		48	59	44	61	212	
CENTRAL SECTOR SCHEME OF SCHOLARSHIPS FOR COLLEGE AND UNIVERSITY STUDENTS		46	50	57	63	216	
POST MATRIC SCHOLARSHIP FOR STUDENTS WITH DISABILITIES		28	10	29	21	88	
Other National Scholarships (NSP)		37	106	67	42	252	
Excellence of Foundation Scholarship		141	92	-	-	233	As per Foundation rules
Har-Chhatravratti	SC	32	23	28	32	115	As sanctioned by the State Government
	BC	18	11	11	7	47	
SSO Rajasthan Scholarship		06	21	25	37	83	
Mukhyamantri Medhavi Vidhyarthi Yojna Madhya Pradesh (MMVY)		13	8	6	3	30	
Uttar Pradesh Scholarship		38	25	39	23	128	
Others states Scholarship			16	20	15	50	
Others Univ., Railways, P&T, Air-Force, Jindal Trust, Guru Harikishan Society and NCERT, DTE, DHE, Kalpana Chawla & Dhingra, EIL, ONGC etc.		26	125	80	75	306	As sanctioned by the various departments and concerned agencies

Academic Prizes B.Tech	44	44	44	44	176	Rs. 250/- by way of Technical books and in cash to the passed out students.
EKalyan Jharkhan	06				06	
PM Yassavi Central Scheme for OBC,EBC & DNT	80				80	
Engineering India Limited Scholarship	09				09	
PMSSS J&K AICTE	05				05	
National Scholarship for PG	23				23	
Total					**2816**	

FEES AND EXPENSES

Fee structure for B.Tech.students admitting in academic session 2024-25
B.Tech.(Academic Year 2024-25)

Particulars of Fees (Rs.)	***1st Sem (Greater than 5 lakh)***	***1st Sem (Between 1 to 5 Lakh)***	***1st Sem (Below 1 lakh and all SC/ST and PWD)***
Tuition Fee (per sem)	62500	20833	0
Alumni Endowment Contribution (One time)	2500	2500	2500
Student Welfare Fund (one time)	1000	1000	1000
Admission/ Regn. Fee (One time)	1600	1600	1600
Watch & Ward Exps (one time)	5600	5600	5600
Convocation (One time)	2400	2400	2400
Library Fee (One time)	700	700	700
Institute Security (Refundable: one time)	7000	7000	7000
Library Security (Refundable: one time)	1600	1600	1600
Medical Insurance & Health Care (per year)	1800	1800	1800
Student Activity Fee (per sem.)	5500	5500	5500
Instt. Dev Fund (per sem.)	3500	3500	3500
Career Development Fee (per sem.)	800	800	800
Examinational Fee (per sem.)	1600	1600	1600
Campus Amenities (per year)	1000	1000	1000
Entrepreneurship & Start-up (per year)	1000	1000	1000
Seat Rent (Fixed) - per semester	5000	5000	5000
Hostel usage charges (per sem)			
Triple Seater Room	4000	4000	4000
Double Seater Room	7000	7000	7000
Single Seater Room	10000	10000	10000
Total Fee			
Hosteller (Triple Seater)	***109100***	***67433***	***46600***
Hosteller (Double Seater)	***112100***	***70433***	***49600***
Hosteller (Single Seater)	***115100***	***73433***	***52600***

Fee structure for M.Tech. Students (Academic Year 2024-25)

Particulars of Fees (Rs.)	***1st Sem (General/ OBC/EWS)***	***1st Sem (SC/ST / PWD)***	***Self-Financed***	***Sponsored & DASA-CIWG/ MEA/ICCR Category***
Tuition Fee (per sem)	35000	0	52500	35000
Alumni Endowment Contribution (One time)	2500	2500	2500	2500
Student Welfare Fund (one time)	1000	1000	1000	1000
Admission/ Regn. Fee (One time)	1600	1600	1600	1600
Watch & Ward Exps (one time)	5600	5600	5600	5600
Convocation (One time)	2400	2400	2400	2400
Library Fee (One time)	700	700	700	700
Institute Security (Refundable: one time)	7000	7000	7000	7000
Library Security (Refundable: one time)	1600	1600	1600	1600
Medical Insurance & Health Care (per year)	1800	1800	1800	1800
Student Activity Fee (per sem.)	5500	5500	5500	5500
Instt. Dev Fund (per sem.)	3500	3500	3500	3500
Career Development Fee (per sem.)	800	800	800	800
Examinational Fee (per sem.)	1600	1600	1600	1600
Campus Amenities (per year)	1000	1000	1000	1000
Entrepreneurship & Start-up (per year)	1000	1000	1000	1000
Seat Rent (Fixed) - per semester	5000	5000	5000	5000
Hostel usage charges (per sem)				
Triple Seater Room	4000	4000	4000	4000
Double Seater Room	7000	7000	7000	7000
Single Seater Room	10000	10000	10000	10000
Total Fee				
Hosteller (Triple Seater)	***81600***	***46600***	***99100***	***81600***
Hosteller (Double Seater)	***84600***	***49600***	***102100***	***84600***
Hosteller (Single Seater)	***87600***	***52600***	***105100***	***87600***

Fee structure for MBA students (Academic Year 2024-25)

Particulars of Fees (Rs.)	***1st Sem***	***Sponsored category***
Tuition Fee (per sem)	35000	70000
Alumni Endowment Contribution (One time)	2500	2500
Student Welfare Fund (one time)	1000	1000
Admission/ Regn. Fee (One time)	1600	1600
Watch & Ward Exps (one time)	5600	5600
Convocation (One time)	2400	2400
Library Fee (One time)	700	700
Institute Security (Refundable: one time)	7000	7000
Library Security (Refundable: one time)	1600	1600
Medical Insurance & Health Care (per year)	1800	1800
Student Activity Fee (per sem.)	5500	5500
Instt. Dev Fund (per sem.)	3500	3500
Career Development Fee (per sem.)	800	800
Examinational Fee (per sem.)	1600	1600
Campus Amenities (per year)	1000	1000
Entrepreneurship & Start-up (per year)	1000	1000
Seat Rent (Fixed) - per semester	5000	5000
Hostel Room rent (per sem)		
Triple Seater Room	4000	4000
Double Seater Room	7000	7000
Single Seater Room	10000	10000
Total Fee		
Hosteller (Triple Seater)	***81600***	***116600***
Hosteller (Double Seater)	***84600***	***119600***
Hosteller (Single Seater)	***87600***	***122600***

Fee structure for MCA/M.Sc.-Physics,Chemistry & Mathematics students
(Academic Year 2024-25)

Particulars of Fees (Rs.)	***MCA 1st Sem***		***MSc 1st Sem***	
	Regular	***Self-Finance***		
Tuition Fee (per sem)	35000	100000	35000	52500
Alumni Endowment Contribution (One time)	2500	2500	2500	2500
Student Welfare Fund (one time)	1000	1000	1000	1000
Admission/ Regn. Fee (One time)	1600	1600	1600	1600
Watch & Ward Exps (one time)	5600	5600	5600	5600
Convocation (One time)	2400	2400	2400	2400
Library Fee (One time)	700	700	700	700
Institute Security (Refundable: one time)	7000	7000	7000	7000
Library Security (Refundable: one time)	1600	1600	1600	1600
Medical Insurance & Health Care (per year)	1800	1800	1800	1800
Student Activity Fee (per sem.)	5500	5500	5500	5500
Instt. Dev Fund (per sem.)	3500	3500	3500	3500
Career Development Fee (per sem.)	800	800	800	800
Examinational Fee (per sem.)	1600	1600	1600	1600
Campus Amenities (per year)	1000	1000	1000	1000
Entrepreneurship & Start-up (per year)	1000	1000	1000	1000
Seat Rent (Fixed) - per semester	5000	5000	5000	5000
Hostel Room rent (per sem)				
Triple Seater Room	4000	4000	4000	4000
Double Seater Room	7000	7000	7000	7000
Single Seater Room	10000	10000	10000	10000
Total Fee				
Hosteller (Triple Seater)	***81600***	***146600***	**81600**	**99100**
Hosteller (Double Seater)	***84600***	***149600***	**84600**	**102100**
Hosteller (Single Seater)	***87600***	***152600***	**87600**	**105100**

The detail of fees of Ph.D. students for odd semester 2024-25 is as under:

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

Fee Structure for Ph.D Scholars enrolled in Academic Year 2024-25

Sr. No.	Particulars of Fee	Amount (in INR)
1	Tuition Fee (per sem.)	10000/-
2	Alumni Endowment Contribution (one time)	2500/-
3	Student Welfare Fund (one time)	1000/-
4	Admission/Regn. Fee (One time)	1600/-
5	Watch & Ward Exps. (one time)	5600/-
6	Convocation (One time)	2400/-
7	Library Fee (One time)	700/-
8	Institute Security (Refundable: one time)	7000/-
9	Library Security (Refundable: one time)	1600/-
10	Medical Insurance & Health Care (per year)*	1800/-
11	Student Activity Fee (per sem.)	5500/-
12	Instt. Dev Fund (per sem.)	3500/-
13	Career Development Fee (per sem.)	800/-
14	Examinational Fee (per sem.)	1600/-
15	Campus Amenities (per year)	1000/-
16	Entrepreneurship & Start-up (per year)	1000/-
17	Seat Rent (Fixed) - per semester	5000/-
	Total Semester Fee	**52600/-**

* Not applicable for Part-Time Scholars.

11/06/2024

Faculty I/c (Academic)
National Institute of Technology
Kurukshetra-136119

Faculty I/c. (Academic)
National Institute of Technology
KURUKSHETRA-136119.

Scholarship for Ph.D. Students

Sr. No.	Qualifying Degree	Existing emolument rates per month w.e.f January, 2024
1	Graduate Degree in Professional Course (BE/B.Tech or Equivalent) and Gate or equivalent OR Post Graduate Degree in Basic Scienecs (M.Sc. Or Equivalent an Net qualified)	1st & 2nd Year Rs. 37,000/- Upto 5th year Rs. 42,000/-

DEPARTMENT OF CIVIL ENGINEERING

Sr. No	Name & Designation Dr./Prof./ Sh./Ms	
Head of Department		
1.	Arun Goel	Ph.D
Professor		
1.	Baldev Setia(On Lien)	Ph.D
2.	S.K. Madan	Ph.D
3.	H.K. Sharma	Ph.D
4.	S.N.Sachdeva(On Deputation)	Ph.D
5.	K.K. Singh	Ph.D
6.	S.M. Gupta	Ph.D
7.	Arun Goel	Ph.D
8.	S.K. Patidar	Ph.D
9.	Ashwani Jain	Ph.D
10.	Mahesh Pal	Ph.D
11.	SurinderDeswal	Ph.D
12.	V.P. Singh	Ph.D
13.	Praveen Aggarwal	Ph.D
14.	Saraswati Setia	Ph.D
15.	Paratibha Aggarwal	Ph.D
16.	N.K. Tiwari	Ph.D
17.	Babita Saini	Ph.D
Assistant Professor		
18.	Yogesh Aggarwal	Ph.D
19.	H.D. Chalak	Ph.D
20.	Ajay Krishna Prabhakar	Ph.D
21.	Shweta Rathi	Ph.D
22.	Jitendra Singh Yadav	Ph.D
23.	Pankaj Munjal	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 a 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 in 2005.

VISION AND MISSION OF THE DEPARTMENT

VISION

1. To be a role-model in 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, teamwork 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	120	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

Field Testing

- Dynamic measurements on foundations
- Non-destructive testing of building components, water tanks
- Load test on existing structures

Laboratory Testing

- 300t, 200t, 100t compression testing machine
- 10t and 20t universal testing machines
- Test frames of 60t, 10t capacities
- Load cells
- Creep Testing Machine
- Model of deflection in a Rigid joint Truss, Pin Joint, Linear Arch, Transmission tower and Corrugated sheet
- Models(3-hinged arch)
- Model of Unsymmetrical bending
- Two hinged arch apparatus structurally determine Truss with strips.
- Three hinged arch apparatus elastic properties of deflected beam
- Deflection of Beam and Cantilevers
- Buckling of struts
- Bending moments in Beam

Computational facilities

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

Instrumentation

- Strain gauges, transducers, accelerometers
- N.D.T. equipments

GEOTECHNICAL ENGINEERING

Field Testing

- Boring and representative/undisturbed sampling
- Standard penetration test
- Static/Dynamic cone penetration test
- Plate load test
- Block resonance test

Laboratory Testing

- Soil Mechanics (Major Equipments)
- Multi-unit consolidation testing device
- Motorized direct shear testing device
- Soil Analyzer
- Digital Triaxial Testing Device

- Test tanks for testing of foundations
- Facilities for testing of rigid, flexible and reinforced earth retaining walls, footings
- Compression Testing Frames of different Capacities
- Rock Engineering
- Core drilling
- Cutting and polishing of rock
- High pressure triaxial testing machine with confining pressure up to 70 MPa
- Rock permeability test
- Slake Durability Test for Rocks
- Brazilian tensile strength test
- Point load strength index of rock

Computational facilities

- Geo-5, Visual FEA, DEEPSOIL, OpenJump GIS,
- SeismoArtif and SeismoMatch, CoPlot/Stat, QuickCross/Fence,
- GeoSuite, SPEC 3, ORIGIN, GETDATA, CRISIS 2007/2015
- PLAXIS 2D, PLAXIS 3D

ENVIRONMENTAL ENGINEERING

Field Testing/ Laboratory Testing

- Physical, chemical and Bacteriological analysis of Books water and waste water
- Chemical analysis of soil
- Water quality monitoring of water resources, namely river, lakes, ground water, reservoir etc.
- Monitoring of water and wastewater treatment plants
- Ambient air monitoring
- Stack Monitoring

Instrumentation

- pH meter
- Mercury Analyzer
- Gas Chromatograph
- Automated Continuous Flow Analyzer
- High volume samplers
- UV-Visible spectrophotometer
- Stack monitoring kit

TRANSPORTATION ENGINEERING

Field Testing

- Benkelman beam deflection study
- Bump Integrator for Unevenness Index
- Non-nuclear Density Gauge for Bituminous Roads
- Plate Bearing test set-up
- Core cutter for road pavements
- Subgrade & Pavement density tests
- Video recording equipment for traffic
- Radar Gun for speed measurement
- Automatic Traffic counter & clarifier
- Rebound Hammer

- R meter

Laboratory Testing

- CBR test
- Soil basic tests
- Marshall stability test
- Cohesiometer test
- Road aggregate tests
- Bituminous materials tests
- Rheometer for bituminous materials
- Centrifuge extractor for bitumen
- NCAT oven
- Thin film oven for bitumen
- Hardness tester for Mastic Asphalt
- Driver Aptitude Testing Unit
- Asphalt mix performance testing
- Universal saw Machine
- Core Drilling Machine
- Gyratory Compactor
- Rut wheel tester and shaper

Instrumentation

- Buoyancy balance
- Electronic Digital Balance
- Traffic video projection system
- Temp controlled Ovens, Water baths

Computational facilities

- MX ROAD
- IITPAVE of IRC:37
- Rigid Pavement Design Software of IRC:58
- MORTH Data Book Software
- Trazer
- PARTSS-BETQ-2019

WATER RESOURCE ENGINEERING

Field Testing

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

Laboratory Testing

- Calibration of various discharge measuring equipment
- Tilting flumes
- Non-tilting flumes
- Wind tunnel
- Large open space for construction of outdoor river and channel models

Computational facilities

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

Instrumentation

- Water level and bed level recorders, sediment sampler
- Current meter

CURRENT AREAS OF RESEARCH

Structural Engineering

- Fibre reinforced concrete elements
- Analysis & design of laminated composite structures
- Finite element analysis of structures
- ANN & Fuzzy logic applications in structures
- Analysis & design of Earthquake effects
- Impact and blast resistant structures

Geotechnical Engineering

- Landslide Analysis and Control
- Ground Improvement Techniques
- Pile Foundations
- Geo-Environmental Engineering
- Seismic Hazard Analysis
- Earthquake Ground Response Analysis
- Liquefaction Susceptibility Mapping
- Seismic Requalification of Bridge Foundations
- Strength of Intact and Jointed Rocks

Environmental Engineering

- Water quality assessment and management
- Nutrient removal and eutrophication control
- Algae control and harvesting
- Removal of volatile organic compounds
- Bio-remediation of contaminants
- Fate and transport of contaminants in natural system
- Development of jet aerators
- Air pollution modeling
- Advance wastewater treatment

Transportation Engineering

- Pavement analysis, design and evaluation
- Reinforced flexible pavements
- Capacity analysis of Roads
- Road accident analysis and modeling
- New Materials, Additives

Water Resource Engineering

- Mathematical modeling of river processes
- Energy dissipations
- Rational design of hydraulic structures- stilling basins
- Fundamental aspects of clear water and sediment-laden water flows in channels
- Flood forecasting
- GIS and Remote Sensing Applications

- Groundwater hydrology & Recharge
- Hydrologic Modeling
- Scour around bridge piers and abutments

MAJOR FIELDS OF CONSULTANCY

The department has provided consultancy in the field of Civil Engineering listed below to the tune of Eight crore in the 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

- Development of sites for construction in hilly areas
- Problems of river valley projects (Tunnels, Shafts, Caverns, Surge tanks, barrages Power house cavities etc)
- Cement plants, Design of Machine foundations
- Foundation of weak soil, Ground improvement techniques
- Foundation of suspension bridges
- Oil tank foundations
- Liquefaction susceptibility studies
- Design of Dykes
- Conduits, Earth Dams, Footings

Environmental Engineering

- Design and vetting of waste water treatment plant
- Design and vetting of water treatment plants
- Design and vetting of water supply and sewerage system
- Analysis of water for various uses
- Analysis of raw and treated wastewater
- Solid waste management

Transportation Engineering

- Pavement design for roads
- Job mix designs of granular, bituminous and cement concrete roads & bridges
- Material characterization for highways
- Traffic studies
- Third Party Quality Control

Water Resources Engineering

- Design of causeways and small drains
- Design of Drainage system
- Design of micro irrigation works
- Physical modeling of rivers and hydraulics Structures for river training & scour related problems
- Design of hydraulic structures
- Hydraulic design of economical & efficient bridge and river training works
- Hydraulic design of stilling basins
- Design of drainage and sewage systems
- Conjunctive Use Planning
- Design of settling Chambers
- Flow measurements
- Design of rain water harvesting schemes

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

Sponsoring Agencies

- PWD
- HUDA
- CPWD
- Northern Railways
- Power Grid Corporation of India
- DRDOs
- RITES
- L&T
- DDA
- Indian Oil Corporation
- NTPC
- MES
- Irrigation and Water Resources Departments
- HVPNL and others

Total Amount of consultancy for each year = > Rs. 5.00 crore

DEPARTMENT OF COMPUTER ENGINEERING

Faculty Members

Head of Department	
Awadhesh Kumar Singh	PhD (Jadavpur University | Kolkata)
Professors	
Dr. Mayank Dave	PhD (IIT | Roorkee)
Dr. Jitender Kumar Chhabra	PhD (GGSIPU | Delhi)
Dr. Awadhesh Kumar Singh	PhD (Jadavpur University | Kolkata)
Dr. Sanjay Kumar Jain	PhD (MNIT | Allahabad)
Dr. Rajesh Kumar Aggarwal	PhD (NIT |Kurukshetra)
Assistant Professors	
Dr. Priyanka Ahlawat	PhD (NIT | Kurukshetra)
Dr. Mohit Dua	PhD (NIT | Kurukshetra)
Dr. Ritu Garg	PhD (NIT | Kurukshetra)
Dr. Virender Ranga (on lien)	PhD (NIT | Kurukshetra)
Dr. Mantosh Biswas (on Lien)	PhD (ISM | Dhanbad)
Dr. Vikram Singh	PhD (NIT | Kurukshetra)
Dr. Mahendra Kumar Murmu	PhD (NIT | Kurukshetra)
Dr. Vijay Verma	PhD (NIT | Kurukshetra)
Dr. Ankit Kumar Jain	PhD (NIT | Kurukshetra)
Dr. Anoop Kumar Patel	PhD (NIT | Kurukshetra)
Dr. Santosh Kumar	PhD (NIT | Kurukshetra)
Dr. Kriti Bhushan	PhD (NIT | Kurukshetra)
Dr. Bharati Sinha	PhD (NIT | Kurukshetra)
Dr. Parveen Kumar	PhD (IIT | Roorkee)
Dr. Krishan Kumar	PhD (VNIT | Nagpur)
Dr. Sushil Kumar	PhD (IIT | Roorkee)
Dr. Niyati Baliyan	PhD (IIT | Roorkee)
Dr. Kuldeep Kumar	PhD (NUS | Singapore)
Dr. Yogita	PhD (IIT | Roorkee)
Dr. Lov Kumar	PhD (NIT | Rourkela)
Dr. Abhilasha Sharma	PhD (NIT | Jalandhar)
Dr. Pratishtha Verma	PhD (IIT-BHU | Varanasi)
Dr. Himanshu Shekhar Pattanaik	PhD (NIT | Jalandhar)
Dr. Vishwas Rathi	PhD (IIT | Ropar)
Dr. Sweeti Shah	PhD (NIT | Puducherry)

Dr. Shweta Sharma	PhD (PEC |Chandigarh)
Dr. Banhi Sanyal	PhD (NIT | Rourkela)
Dr. Vaibhav Agarwal	PhD (IIITM | Gwalior)
Dr. Amandeep Kaur	PhD (TIET | Patiala)
Dr. Puneet Saini	PhD (IIITDM | Jabalpur)

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 120. The department has also started B.Tech programme in Information Technology (IT) in 2006 with present intake of 60 students. In 2023 department started B.Tech program in Artificial Intelligence and Machine Learning with intake of 60 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 15 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 with additional 10 seats for sponsored candidates from industries/institutes. Almost all of the interested students get placement and internship offers 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:

Servers/Workstations:

- Intel Xeon Rack based (Dell R 730) -------05 Nos.

Desktop Computers:

- Intel i7 processor based -------430 Nos.
- Intel i7 processor based with Graphics ------- 15 Nos.

Total: --------445 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 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 (Lab No. 1)
- Computer Networks Lab (Lab No. 3)
- Project Lab (Lab No. 4)
- Database and Cloud Computing Lab (Lab No. 6)
- Research Lab and Centre of Excellence (Lab No. 7)
- Software Engineering Lab (Lab No. 8)
- Cyber Security Lab (Lab No. 9)
- Data Science and Machine Learning Lab (PG Lab, Lab No. 10)
- MCA Block Lab (Lab No. M-305, M-306 & M -309)
- Siemens Building Lab (Lab No. S-307, S-310 & S-313)

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 05 servers based on Windows and Linux servers which are networked through switches and about 400 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, Image Processing Software and Cloud Computing software 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	12.	Flipkart
2.	Microsoft	13.	Seimens
3.	Nutanix	14.	Supertech
4.	Meesho	15.	Saplab
5.	Udaan	16.	Goldman Sachs
6.	Gameskraft	17.	PharmEasy

7.	Google	18.	Wells Cargo
8.	Intuit Technologies	19.	Toppr
9.	Urban Company	20.	Lowes Services
10.	MakeMyTrip	21.	NXP Semiconductor
11.	Oracle	22.	Paytm

List of Staff Members of Department of Computer Engineering

Sr. No.	**Name of Staff Members**	**Designation**
	Sh. Sanjeev Kumar	Senior Technical Officer
	Mr. Sunil Yadav	Technical Assistant
	Mr. Deepak Garg	Senior Technician
	Mr. Shivam	Senior Technician
	Smt. Poli Devi	Assistant, SG-II
	Sh. Pawan Kumar	Senior Office Attendant
	Sh. Rajesh Kumar	Office Attendant, SG-II

Research Collaborations

A. Sponsored Research Projects:

1. Dr. Priyanka Ahlawat, Principal Investigator (PI) and Prof. Mayank Dave, CO-PI of project titled "Key management for secure multicast applications in Space terrestrial Integrated networks" funded by RAC-S_032, Rs. 23 lakhs (approx.) for the period for 3 years.
2. Dr. Krishan Kumar, Principal Investigator of project titled "Secret Sharing Scheme Based Technology for Multimedia Security over Cloud" funded by DST, Govt. of India, Rs. 40 lakhs for 36 months.
3. Dr. Ritu Garg, Co-Principal Investigator of sponsored project entitled "Capacity Building for Human Resource Development in Unmanned Aircraft System (Drone and related Technology" under work theme 'Drone Applications' worth Rs 2.5 Cr. from PMU at IIITDM Kurnool under MeitY, Government of India w.e.f. 09.09.2022.
4. Dr. Ritu Garg, Principal Investigator of sponsored proof of concept (POC1) project titled "UAV based urban Mapping of NIT Campus using Deep Neural Network" from MeitY Government of India w.e.f. Aug 8, 2023 worth Rs 2.5 Lakh.

5. Dr. Ritu Garg, Principal Investigator of sponsored proof of concept (POC2) project titled "Crop Health Monitoring and Yield Prediction using Deep Learning with Drones Imagery" from MeitY Government of India w.e.f. March 5, 2024 worth Rs 2.5 Lakh.

DEPARTMENT OF ELECTRICAL ENGINEERING

Head of the Department	Prof (Dr). Jyoti Ohri	Ph.D.
Professors	Dr. (Ms.) Lillie Dewan,	Ph.D.
	Dr. G.L. Pahuja,	Ph.D.
	Dr. Ashwani Kumar,	Ph.D.
	Dr. (Ms.) Ratna Dahiya,	Ph.D.
	Dr. L.M. Saini,	Ph.D.
	Dr. Jyoti Ohri,	Ph.D.
	Dr. J.S. Lather,	Ph.D.
	Dr. Sathans,	Ph.D.
	Dr. Yashpal,	Ph.D.
	Dr. Saurabh Chanana,	Ph.D.
Associate Professors		
	Ms. Sunita Chauhan	M.Tech.
	Ms. RupanshiBatra	M.Tech.
	Dr. (Ms.) Monika Mittal	Ph.D.
	Mr. K.K. Sharma	M.Tech.
	Dr. Saurabh Chanana	Ph.D.
	Dr. (Ms.) Shelly Vadhera	Ph.D.
	Dr. Anil Kumar Dahiya	Ph.D.
Assistant Professors		
	Dr. BhanuPratap	Ph.D.
	Dr. Atma Ram Gupta (On Lien)	Ph.D.
	Dr. Modi Pandu Ranga Prasad	Ph.D.
	Dr. Shashi Bhushan Singh	Ph.D.
	Dr. Pradeep Kumar	Ph.D.
	Dr. Sandeep Kakran	Ph.D.
	Dr. Rahul Sharma	Ph.D.
	Dr. Kiran Kumar Jaladi	Ph.D.
	Dr. Shivam	Ph.D.
	Dr. Amit Kumar	Ph.D.
	Dr. Muralidhar Killi	Ph.D.
	Dr. V. G. Durgarao Rayudu	Ph.D.
	Dr. Sudipta Ghosh	Ph.D.
	Dr. Rajesh Kumar	Ph.D.

B. TECH. DEGREE

The department is offering three B.Tech. courses:

1. **B.Tech. Electrical Engineering**: The B.Tech. course in Electrical Engineering is based on a generalized and integrated approach. Several 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 to industrial training, so 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 that includes the design, fabrication, and testing of components and systems. The faculty members supervise this work.
2. **B. Tech-M. Tech dual degree in Electrical Engineering (5 years)** From AY 2024–25, the Department of Electrical Engineering has introduced a 5-year UG-PG dual degree program in Electrical Engineering with an intake of 12. The students of this course will undergo rigorous training in the core areas of electrical engineering for the UG course and higher studies in the three specialized branches namely Control Systems, Power Systems and Power Electronics and Drives. The students will have to undergo a UG major project and PG dissertation to complete the requirements for the award of the Integrated UG and PG degree of the department.
3. **B.Tech. Sustainable Energy Technologies** The Department of Electrical Engineering has initiated a new B. Tech program in Sustainable Energy Technologies, which will be offered from the session of 2024-2025 with an initial annual intake of 60 students. It is an emerging field of engineering dealing with alternative/sustainable energy technologies and energy-efficient technologies for sustainable growth of the energy sector. The primary goal of the B.Tech. The program in Sustainable Energy Technologies is to provide students with engineering skills, a knowledge base, practical knowledge etc. on how to harness sustainable energy resources, most economical energy utilization in an environmentally friendly way, in order to supplement or complement depleting conventional energy resources. This specialized discipline demands for assessment and characterization of various energy resources, design and development of various energy technologies and systems, selection of appropriate technologies amongst different alternatives, and contribution towards the transition to a low carbon economy.

M.TECH. DEGREE

The M. Tech Degree course in Electrical Engineering has 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.
17. Power quality and renewable energy sources

Thrust areas

1. Energy Management and Smart Grids
2. Transmission and Distribution FACTs
3. Deregulation and Power restructuring
4. Health Monitoring of Electrical Machines and processes (Fault diagnosis, detection, and Isolation)
5. Reliability Engineering: Reliability evaluation, Reliability optimization and Fault-Tolerance systems
6. Digital and Nonlinear Control, Adaptive and Robust Control, Control of Discrete Event Systems.
7. Virtual Instrumentation and Control
8. Robotics and Mechatronics
9. Renewable Energy (Wind and Solar)
10. Multi-level inverters/converters
11. Drone Technology and Applications
12. Soft Computing and Computational Intelligence, with applications to system engineering problems.
13. Sustainable Energy Technologies

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)
13. Drone Technology Laboratory

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. POWER WORLD SIMULATion

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 (Multisim 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 scientists 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 allows 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 trouble.
5. **EUROSTAG** software dedicated to the accurate simulation of the dynamics of all electric power systems.
6. **PSCAD** becomes an indispensable tool for a variety of power system design and studies. It is a 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
4. Research Laboratory

CONSULTANCY/INDUSTRIAL COLLABORATION

The Department offers consultancy services on design and development problems referred to it by various Government and other industrial organizations. The 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 the Electrical Engineering Department, National Institute of Technology, Kurukshetra. Electroreck organised National Level Technical and Managerial Symposium, drawing big response from technical institutes all over the country. Electroreck 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.

Consultancy services provided by EED faculty

1. **Dr. Ashwani Kumar:** Vetting the drawings of HVAC work, firefighting works, electrical installation, and ELV works, vide letter No. dated 02-05-2023. M/S Kamal and Associates PVT. LTD. (Engineers and Contractors).
2. **Dr. Kiran Kumar Jaladi:** 500 KWp Ground Mounted Solar Photovoltaic Project at Itarana, Alwar, RJ-301030

STC/Workshops/Conference/Seminar Organized

S. No.	Course Coordinator(s)	Title of event	Venue of event	Start and end Dates
1.	Dr Ratna Dahiya, Dr Ashwani Kumar, Dr Pradeep Kumar, Dr Shivam, Dr Sandeep Kakran,	2nd International Conference (Hybrid Mode), On Smart Grid Energy Systems and Control (SGESC-2023), "Sustainable, Digitized, and Decarbonized Energy Systems"	NIT Kurukshetra	APRIL 07-09, 2023
2.	Dr Ashwani Kumar, Dr Pradeep Kumar, Dr Shivam	Online/Hybrid Self-Sponsored Short-Term Course on Training on ANSYS Software: Application to Engineering Problems (ANSYS-AEP) Organized By: School of Renewable Energy and Efficiency NIT Kurukshetra	NIT Kurukshetra	(4th - 8th March 2024).
3.	Dr Ashwani Kumar, Dr Shelly Vadhera, Dr Pradeep Kumar, Dr Rajesh Kumar, Dr Chandrasekhara M.,	International Conference on Green Energy and Sustainable Technology, Theme: Green and Sustainable Energy Systems (ICGEST-2024) IN HYBRID MODE, (Website: www.icgest2023.com), (Organized by: School of Renewable Energy and Efficiency, NIT Kurukshetra)	NIT Kurukshetra	Jan. 5-7, 2024
4	Dr. Lillie Dewan (General Chair)	International Conference on Systems, Control and Automation (ICSCA-2023)	NIT, Kurukshetra	12-13 May 2023

	Dr. Jyoti Ohri, Conference Secretary Dr. J. S. Lather (General Chair)			
5	Dr. Anil Kumar Dahiya Dr. Murlidhar killi Dr. Rajan Kumar Prof. J. S. Lather	Five-Days Online/Hybrid Short-Term Course (e-STC) on "Green and Sustainable Energy: Generation and Management"	Electrical Engineering Department, NIT, Kurukshetra	15-19, May 2023
6	Prof. J. S. Lather Dr. V. G. Durgarao Rayudu Dr. Rajesh Kumar	Short-Term Course on Machine Learning and Applications (MLA-2023)	Electrical Engineering Department, NIT, Kurukshetra	22nd April – 26th April 2023
7	Dr. Anil Kumar Dahiya Dr. Murlidhar Killi Dr. Rajan Kumar Prof. J. S. Lather	Five-Days Online/Hybrid Short-Term Course (e-STC) on "Green and Sustainable Energy: Generation and Management"	Electrical Engineering Department, NIT, Kurukshetra	15-19, May 2023
8	Dr. M P R Prasad	"Nurturing and Testing of Employability and Entrepreneurship Skills", organized by Training and Placement Cell,	NIT Kurukshetra	Oct 03-07-2023.
9	Dr. Kanika Sharma & Dr. M P R Prasad	Unlocking the Future: Mechatronics Technological Innovation	NITTTR Chandigarh	07/11/2023
10	Dr. M P R Prasad	Attitude, Behaviour and Career Skills for Entrepreneurship and Professional Development (ABCS-2024)	NIT Kurukshetra	March 04-08, 2024
11	Dr. M P R Prasad & Dr. Bhanu Pratap	Cyber Physical Systems and Industrial Automation	NIT Kurukshetra	17-22 July 2023
12	Dr. M P R Prasad	Effective Communication Skills and Leadership Qualities	NIT Kurukshetra	June 26-30, 2023

13	Dr. Sandeep Kakran, Dr. Pradeep Kumar, Dr. Shivam	International Conference on "Smart Grid Energy Systems and Control"	NIT Kurukshetra	07-09 April 2023
14	Dr. Shivam	Energy Conservation & Sustainable Development (ECSD-23)	School of Renewable Energy and Efficiency (SREE) National Institute of Technology Kurukshetra	(December 18 – 22, 2023)
15	Dr. Shivam	Professional Skill Proficiency	National Institute of Technology Kurukshetra	(May 4 – 8, 2023)
16	Dr. Shivam	Creative Exploration and Empowerment	National Institute of Technology Kurukshetra	(September 13 – 19, 2023)
17	Dr. Shivam, Dr Pradeep Kumar	Training on ANSYS Software: Application to Engineering Problems (ANSYS-AEP)	School of Renewable Energy and Efficiency (SREE) National Institute of Technology Kurukshetra	(March 4 – 8, 2024)
18	Prof. Lillie Dewan Prof. Mahesh Pal Dr. V G Durgarao Rayudu Dr. Ritu Garg	Drone Technologies and Applications	NIT Kurukshetra	20/04/23 to 26/04/23
19	Prof. Lillie Dewan Prof. Mahesh Pal Dr. V G Durgarao Rayudu Dr. Ritu Garg	Applications of Drones in Mapping	NIT Kurukshetra	27/10/23 to 31/10/2023
20	Prof. Lillie Dewan	Drone Technologies and Applications	GJUS&T Hisar	05/02/2024 to

	Prof. Mahesh Pal Dr. V G Durgarao Rayudu Dr. Ritu Garg			09/02/2024
21	Dr. Pradeep Kumar (EED), Dr. Rajesh Kumar (MED) Dr. Chandrashekar M. (MED)	International Conference on Green Energy and Sustainable Technology	SREE NIT Kurukshetra (Online)	05-07 January 2024
22	Prof. Lillie Dewan, Prof. Mahesh Pal, Dr. Ritu Garg and Dr. V. G. Durgarao Rayudu	Bootcamp on Drone Technology and Its Applications	NIT Kurukshetra	from 15-07-2024 to 26-07-2024

Invited talks/Expert Lecture/Guest lecture Delivered by EED faculty

S. No.	Name of the faculty and designation	Title	Venue	Duration and Dates
1	Dr. Jyoti Ohri	Invited lecture at the conference CNASBE 2024	Athens, Greece	March 23-25, 2024
2	Dr. Saurabh Chanana	Smart Grid and Demand Response	NIT Agartala	19.03.2024
3	Dr. Saurabh Chanana	General Algebraic Modelling System	NIT Agartala	19.03.2024
4	Dr. Saurabh Chanana	Artificial Intelligence Applications in Smart Grid	NIT Jalandhar	16.02.2024
5	Dr. M P R Prasad	Advancements in robotics and automation. Case studies of successful implementations and their impact on productivity.	NITTTR Chandigarh	07/11/2023

6	Dr. M P R Prasad	IoT Applications on Cyber Physical Systems	NIT Kurukshetra	18/7/2023
7	Dr. Sandeep Kakran,	A brief Introduction to Smart Grid and Energy Management	Online STC on Digital Grid: Transforming the Smart Energy Future, NIT Jalandhar	February 2024
8	Dr. V G Durgarao Rayudu	Sensors in Drones & Applications	NIT Kurukshetra	20/04/23 to 26/04/23
9	Dr. V G Durgarao Rayudu	Sensors in Drones & Applications	GJUS&T Hisar	05-02-2024 to 09-02-2024
10	Dr. V G Durgarao Rayudu	Block diagram reduction & signal flow graphs	QIS College of Engg. Technology, Ongole	27-03-2024
11	Dr. Sudipta Ghosh	An invention to improve dynamic flexibility of hybrid power systems with accurate bus inertia calculation.	NIT Kurukshetra, India	1.30 hours 17th May 2023.
12	Dr. Sudipta Ghosh	Transient Stability Assessment and Online Coherency Based Wide Area Damping Controller	NIT Kurukshetra, India	1.30 hours 18th Dec 2023.
13	Dr. Rajesh Kumar	Artificial Neural Networks: various models and their applications	Department of ECE & CSE, School of Engineering & Technology, CMR University, Bengaluru	11-15 March 2024
14	Dr. Rajesh Kumar	Neural network application in the area of modeling and control of dynamic systems	Department of Electrical Engineering, National Institute of Technology Kurukshetra, Kurukshetra, India	22nd April-26th April 2023.
15	Dr. Rajesh Kumar	Hands-on ANN on MATLAB	Department of Electrical Engineering, National Institute of Technology	from 22nd April to 26th April 2023.

			Kurukshetra, Kurukshetra, India	

Any achievements/award received:

1. Dr. Sudipta Ghosh developed the SAVE Tool (Stability Assessment, Visualization, and Enhancement) for TRANSCO, 2023 in the UAE and received the first-place R&D award from the Ministry of Energy and Infrastructure.

2. Dr Rajesh Kumar became Editorial Board Member (Associate Editor) in Complex Intelligent Systems Journal – Springer (SCIE)

3. Dr Rajesh Kumar became Associate Editor in Applied Intelligence-Springer (SCIE)

4. Dr Rajesh Kumar became an Editorial Board Member in Intelligent Automation Soft Computing – Tech Science Press (SCIE)

5. Dr Rajesh Kumar became Associate Editor in Results in Control and Optimization Journal- Elsevier (Scopus).

6. Dr Rajesh Kumar became Academic Editor in PLOS ONE Journal (SCOPUS).

7. Dr. Rajesh Kumar became an Editorial Board Member in Automatic Control and Computer Sciences- Springer (ESCI).

8. Dr Rajesh Kumar became Associate Editor of the Journal of Electrical Engineering & Technology - Springer (SCIE)

9. Dr Rajesh Kumar became Associate Editor (Editorial Board Member) in Ain Shams Engineering Journal – Elsevier (SCIE)

10. Dr Rajesh Kumar became Associate Editor, Scientific Reports: Nature, (SCIE)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Head of the Department

Mr. Karan Sharma	B.Tech.

Professors

1.	Dr. Brahmjit Singh	Ph.D.
2.	Dr. R K Sharma	Ph.D.
3.	Dr. O. P. Sahu	Ph.D.
4.	Dr. Umesh Ghanekar	Ph.D.
5.	Dr. Rajoo Pandey	Ph.D.

Associate Professors

6.	Dr. Vikas Mittal	Ph.D.
7.	Dr. Niraj Pratap Singh	Ph.D.
8.	Dr. Vrinda Gupta	Ph.D.
9.	Mr. Karan Sharma	B.Tech.
10.	Dr. Arvind Kumar	Ph.D.

Assistant Professors

11.	Dr. Sandeep Santosh	Ph.D.
12.	Dr. Rajender Kumar	Ph.D.
13.	Dr. Shweta Meena	Ph.D.
14.	Dr. Poonam Jindal	Ph.D.
15.	Dr. Pankaj Verma	Ph.D.
16.	Dr. Gaurav Saini	Ph.D.
17.	Dr. Sudhanshu Choudhary	Ph.D.
18.	Dr. Gaurav Verma	Ph.D.
19.	Dr. TrailokyaNathSasamal	Ph.D.
20.	Dr. Chhagan Charan	Ph.D.
21.	Dr. A. Nandi	Ph.D.
22.	Dr. Dheeraj Kumar Sharma	Ph.D.
23.	Dr. Karamdeep Singh	Ph.D.
24.	Dr. Banavathu Bhaskar Rao	Ph. D.
25.	Ghanpriya Singh	Ph.D.
26.	Dharmendra Singh Yadav	Ph.D.

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, and 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:

- **B Tech in** Electronics and Communication Engineering.
- B.Tech. in Industrial Internet of Things (IIoT) Programme.
- B.Tech. in Microelectronics & VLSI Programme.
- **M Tech 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. **Opti System** 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

Sponsored Projects:

S. No.	Name of scheme and Principal Investigator	Amount sanctioned	Sponsoring Agency	Duration
1.	Dr. Ghanapriya Singh, Assistant Professor (ECE) Principal Investigator (PI) TITLE: "IoT- based Multifunctional Scalable	Rs. 16,93,760	IIT Ropar- Technology and Innovative Foundation for Agriculture and Water Technology Development Hub	3 Years 2023-26

	Real Time Farm Monitoring System for Smart Agriculture"		(AWaDH), Department of Science and Technology (DST)	
2.	Prof. Brahmjit Singh Professor (ECE Dept) TITLE: Development of a Deep Learning Enabled Algorithm for Automatic Modulation Recognition in Blind RF Environment	Rs. 19,38,854	ISRO	2 Years 2022-24
3.	Dr.Shweta Meena Asst Professor (ECE Department) TITLE: Development of Layered MXene Heterostructure for Hydrogen Storage: High-capacity sustainable Material	Rs. 32,96,312	SERB	3 Years
4.	Dr. Karamdeep Singh Asst Professor (ECE Department) Dr. Brahmjit Singh ECE Dept. NIT Kurukshetra & Dr. Deepa Venkitesh EE Department, IIT Madras TITLE: Design and Development of optical frequency comb source for DWDM application	Rs. 46,16,400	ISRO	2.5 Years

Laboratory Facilities:

1 Computer Laboratory
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.

Consultancy/Industrial Collaboration: N/A

Courses/Conferences Organized:

S. No.	Course Coordinator(s)/Organizing Secretary	Title	Venue	Duration and Dates
1.	Dr. Vrinda Gupta, Dr. Gaurav Verma, Dr. Karamdeep Singh, Dr. B. Bhaskara Rao, Dr. Hemant Sharma	National Conference on "Intelligent Electronic Systems and Applications (NCIESA-2024)"	Deptt. Of ECE, NIT Kurukshetra	02 days February 23 to 24, 2024
2.	Dr. Poonam Jindal, Dr. Karamdeep Singh, Dr. Hemant Sharma Assistant Professor, Dept. of ECE	STC on "Recent Advances in Optimization Techniques for Engineering Applications (RAOTEA-2024)"	Deptt. Of ECE, NIT Kurukshetra	March 02 – 06, 2024
3.	Dr Chhagan Charan, Dr Pankaj Verma, Dr. T. N. Sasamal Assistant Professor, Dept. of ECE	Online Self-Financed Short Term Training Program On Research Methodologies and Scientific Research Writing using LaTeX (RMSRL-2024)	ECED, NIT Kurukshetra, Haryana,	5 days, January 04-08, 2024.
4.	Dr. Ghanapriya Singh, Assistant Professor, Dept. of ECE	Organized one-week short-term course as Co-ordinator on "Computational Intelligence Technologies and Applications (CITA-2023)"	NIT KKR	03-08 June 2023

5.	Trailokya Nath Sasamal, Gaurav Saini Assistant Professor, Dept. of ECE	"Nano-Scale Devices: Recent Advancement and Future of Semiconductor Industry (NSD-2023)"	School of VLSI Design and Embedded Systems, NIT Kurukshetra, Haryana	5days, June 16-20, 2023.
6.	Dr. Pankaj Verma (ECE Dept) Dr. Chhagan Charan(ECE Dept) Dr. T N Sasamal (ECE Dept) Dr. Ankit Jain (CS Dept) Dr. Mohit Dua (CS Dept)	4th International Conference on Machine Learning and Big Data Analytics (ICMLBDA) 2024 during May 09-11, 2024	Deptt. of ECE, NIT Kurukshetra	May 09-11, 2024
7.	Dr. Pankaj Verma Dr. Chhagan Charan Dr. T N Sasamal Assistant Professor, Dept. of ECE	STC on "5G/6G Wireless Technologies (WT-2024)"	Deptt. Of ECE, NIT Kurukshetra	Apr 17 – 21, 2024
8.	Dr Chhagan Charan, Dr Pankaj Verma, Dr. T. N. Sasamal Assistant Professor, Dept. of ECE	Online Self-Financed Short Term Training Program On Research Methodologies and Scientific Research Writing using LaTeX (RMSRL-2024)	ECED, NIT Kurukshetra, Haryana,	5 days, January 04-08, 2024.

Achievements:

1. Dr. Ghanapriya Singh, Assistant Professor, Dept. of ECE has received best paper award was given for conference paper titled, "Comparing Unet, Unet++, FPN, PAN and Deeplabv3+ for Gastrointestinal Tract Disease Detection" in IEEE International Conference on Evolutionary algorithms and soft computing techniques (EASCT-2023) on 20th & 21st October, 2023.
2. Dr. Ghanapriya Singh, Assistant Professor, Dept. of ECE is a member of Technical Committee (TC) of IEEE Consumer Technology Society (CTSoc)
3. Dr. Ghanapriya Singh, Assistant Professor, Dept. of ECE was invited as an expert for Electronics Engg stream at Uttarakhand Public Service Commission
4. Dr. Ghanapriya Singh, Assistant Professor, Dept. of ECE was invited as Reviewer for Electronics Engg stream at Uttarakhand Public Service Commission
5. Trailokya Nath Sasamal, Hari Mohan Gaur, Ashutosh Kumar Singh, Xiaoqing Wen, "Quantum-Dot Cellular Automata Circuits for Nanocomputing Applications", published by CRC Press, Taylor & Francis Group.

DEPARTMENT OF MECHANICAL ENGINEERING

Head of Department	
Prof. Hari Singh	Ph.D. (Kurukshetra University)
Professors	
Prof. Dixit Garg	Ph.D. (Kurukshetra University)
Prof. Surjit Angra	Ph.D. (Kurukshetra University)
Prof. Dinesh Khanduja	Ph.D. (Kurukshetra University)
Prof. P. C. Tewari	Ph.D. (Kurukshetra University)
Prof. Hari Singh	Ph.D. (Kurukshetra University)
Prof. V. K. Bajpai	Ph.D. (Kurukshetra University)
Prof. Gian Bhushan	Ph.D. (Kurukshetra University)
Prof. Pankaj Chandana	Ph.D. (Kurukshetra University)
Prof. Ajay Jain	Ph.D. (Kurukshetra University)
Prof. Vinod Kumar Mittal	Ph.D. (Kurukshetra University)
Prof.(Mrs.) Meenu	Ph.D. (Kurukshetra University)
Prof. P. K. Saini	Ph.D. (NIT Kurukshetra)
Prof. Punit Kumar	Ph.D. (IIT, Roorkee)
Associate Professors	
Dr.Sandeep Singhal	Ph.D. (NIT Kurukshetra)
Mr. Jaideep Gupta	M.Tech. (Kurukshetra University)
Dr. Rajiv Verma	Ph.D. (NIT Kurukshetra)
Dr. N. K. Singh	Ph.D. (IIT Kanpur)
Mr. Mahesh Kkumar Gupta	M.Tech. (University of Roorkee)
Assistant Professors	
Dr. Gulshan Sachdeva	Ph.D. (NIT Kurukshetra)
Dr. Jatinder Kumar	Ph.D. (Punjabi University, Patiala)
Dr. Avadesh Yadav	Ph.D. (NIT Kurukshetra)
Dr. Rajneesh	Ph.D. (DCRUST, Sonipat)
Dr. Satnam Singh	Ph.D. (NIT Kurukshetra)
Dr. Mukesh Kumar	Ph.D. (NIT Kurukshetra)
Dr. Vikas Kumar (PIE)	Ph.D. (NIT Kurukshetra)
Dr. Lalit Thakur	Ph.D. (IIT Roorkee)
Dr. Rajesh Kumar	Ph.D. (IIT Delhi)
Mr. V.S. Nagendra Reddy B	M.Tech. (IIT Kanpur)
Dr. Chandrashekara M	Ph.D. (NIT Kurukshetra)
Dr. Vikas Kumar (ME)	Ph.D. (IIT Roorkee)
Dr. Rajeev Rathi	Ph.D. (NIT Kurukshetra)
Dr. Pankaj Sahlot	Ph.D. (IIT Gandhinagar)
Dr. Manoj Kumar Gupta	Ph.D. (NIT Kurukshetra)
Dr. Manoj Sinha	Ph.D. (IIT Delhi)
Dr. Dinesh W Rathod	Ph.D. (IIT Delhi)

Dr. Ravi Pratap Singh	Ph.D. (NIT Kurukshetra)
Dr. Dilbagh Panchal	Ph.D. (IIT Roorkee)
Dr. Rajesh Kumar (D)	Ph.D. (IIT Roorkee)
Dr. Ranjeet Kumar	Ph.D. (IIT Bombay)

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 the 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 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 Angle 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 two teams i.e Team Nitrox and Team Accelerons. Team Nitrox designs and fabricates an all terrain vehicle and team Accelerons designs and fabricates a formula type vehicle and participates 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).

RESEARCH WORK& CONSULTATION JOBS

Ongoing research projects (From 01 APRIL, 2023 to 31 MARCH, 2024)

S. No.	Project Title	Cost in Lakhs	Duration	Faculty Involved	Agency
1	Development of Computational Model for High-Velocity Oxygen-Fuel (HVOF) Thermal Spray System	28.27	3 Yrs (2024-27)	Dr. Rajesh Kumar as the Principal Investigator and Dr. Lalit Thakur as the Co-Investigator, Mechanical Engineering Department	SERB, DST
2.	Design, Development, and Performance Analysis of Hybrid Abrasive Assisted Micro Electrochemical Machining (HAAMECM) Process	7.0328	3 years	Dr. Ravi Pratap Singh	SERB-DST
3.	Development of Automated Deposition Head for 3D Printing of Continuous Fibre Reinforced High-Performance Polymer Composites	54.12	3 years	Dr. Ravi Pratap Singh	SERB-DST
4.	Development of a UV-assisted 3D Printing System for PCB Manufacturing	20.52	2 Years	Dr. Ravi Pratap Singh	ISRO

Consultancy Services (1 April 2023 to 31 March, 2024)

Sr. No.	Consultancy Project Title	Date of commencement/ Completion	Status (Ongoing/ Completed)	Sponsoring Agency
1	Consultancy Job (Proof Checking/Vetting) of Govt. Project on Central Heating System (CHS) for two buildings at Khumbathang, Ladakh by Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department	22.03.2023 to 30.04.2023	Completed	Meticulous Consulting Services, Rohtak, Haryana

2	Consultancy Job (Proof Checking/Vetting) of Govt. Project of Construction of Cold Storage Shed for 5102 Coy ASC under GE Partapur by Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department	24.03.2023 to 30.04.2023	Completed	Meticulous Consulting Services, Rohtak, Haryana
3	Consultancy Job (Proof Checking/Vetting) of Govt. Project of central AC Plant at OT of Military Hospital at Amritsar by Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department	11.06.2023 to 19.06.2023	Completed	Meticulous Consulting Services, Rohtak, Haryana
4	Consultancy Job (Proof Checking/Vetting) of Govt. Project of AC Duct Designing for Air Conditioning of MMPU-I&II MES Ambala by Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department	17.10.2023 to 24.10.2023	Completed	Blue Star Ltd. Chandigarh
5	Consultancy Job (Proof Checking/Vetting) of CHS (Central Heating System) for Provn of Key Location Plan for 14 Corps Zonal Wksp At Leh (Ph-I Of Iii) by Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department	16.11.2023 to 25.11.2023	Completed	Meticulous Consulting Services, Rohtak, Haryana
6	Consultancy Job (Proof Checking/Vetting) of Govt. Project of Central Heating System (CH$ under GE (I) at Partapur, Leh by Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department	18.11.2023 to 25.11.2023	Completed	Meticulous Consulting Services, Rohtak, Haryana
7	Proof checking of the Trommels' efficiency, compost and leachate evaluation by Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department	02.01.2024 to 09.01.2024	Completed	Sugam Swachhta Pvt Ltd, Unit No 17, D-4, District Centre, Rectangle 1, Saket, New Delhi - 110017
8	Consultancy for Volumetric Analysis of Legacy Waste at Kaithal by Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department	04.03.2024 to 14.03.2024	Completed	Sugam Swachhta Pvt Ltd, Unit No 17, D-4, District Centre, Rectangle 1, Saket, New Delhi - 110017
9	Consultancy Job (Proof Checking/Vetting) of Central AC Plant under CA No. CE (AF) SZ / PAN / 28 / 2023-24: Provn. of Air Conditioning to Underground Base OPS including TWCC at AF Stn Panagarh by Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department	18.02.204 to 20.02.2024	Completed	Shri Ramsons Projects Corporation, Dwarka, N-Delhi

10	Completed the consultancy services of Rs. 1.6 lakhs for various organizations by Dr. Lalit Thakur, Assistant Professor, Mechanical Engineering Department	1 April 2023 to 31 March, 2024	Completed	

Guest Lectures and Seminars Delivered/Organized (1 April 2023 to 31 March, 2024)

1. Dr. Satnam Singh, Assistant Professor, Mechanical Engineering Department delivered an online expert lecture on ‘‘Introduction to 3D Modelling’’ in the webinar on the theme of Manufacturing using 3 D Modelling, organized by Himalayan Institute of Engineering & technology, Himachal Pradesh on 13 April, 2023.
2. Dr. P.C. Tewari, Professor, Mechanical Engineering Department delivered Online Expert Lecture on ‘‘Academic Integrity and Professional Ethics’’ in Faculty Development Program organized by AIU-SVVV Academic and Administrative Development Centre (AADC), Indore, MP on 24-06-2023.
3. Dr. P.C. Tewari, Professor, Mechanical Engineering Department delivered Lecture, as a keynote speaker, on ‘‘Motivation, Effective Teaching Practices and Academic Integrity for the Faculty Members’’ in One Week Workshop on Faculty Training and Development organized by Rakshpal Bahadur College of Engineering & Technology, Bareilly (Uttar Pradesh) on 29-07-2023.
4. Dr. Meenu , Professor ,Mechanical Engineering Department delivered Expert lecture on optimization by Metaheuristic techniques on 20 April 2023 at CGC Jhanzeri
5. Sandeep Singhal delivered a talk on ' Design Concepts for Budding Entrepreneurs " on 15/02/2024 in STTP conducted by NITTR, Chandigarh.
6. Dr. Dilbagh Panchal, Assistant Professor, Mechanical Engineering Department Organized Online Short-Term Training Program *on* ‘‘Advances in Industrial and Manufacturing Operations: Application and Practices, NIT Kurukshetra, December 15-19, 2023.
7. Dr. Dilbagh Panchal, Assistant Professor, Mechanical Engineering Department delivered guest talk on ‘‘Insights of Research Writing and Its Methodology’’, IMS Engineering College, Ghaziabad, Uttar Pradesh, India, Feb, 19-23,2024.
8. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department chaired Session in ‘‘International Conference on Mechanical Engineering and Technology’’ (ICMET-2024) Organized by the Department of Mechanical Engineering at National Institute of Technology (NIT) Kurukshetra, India during March 01- 03, 2024.
9. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Talk on ‘‘Insights of Research Writing and Its Methodology’’ in the Faculty Development Programme on " Research Methodology and Publication", during 19th to 23rd February 2024,

organized by the Department of Mechanical Engineering and Department of Electronics and Communication Engineering, IMS Engineering College, Ghaziabad, Uttar Pradesh, India.

10. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Talk on ‘‘Applications of Decision Making in Real Life Industrial Environment’’ in AICTE-ATAL Sponsored FDP on ‘‘Digital Transformation for IT Enabled Supply Chain: Importance and Applications’’ (DTSCIA-24) held during 12- 17 February, 2024 in the Department of Production and Industrial Engineering, Punjab Engineering College (Deemed to be University) Chandigarh. By Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department
11. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Lecture on ‘‘Evolution of 4D Printing from 3D Printing of Polymeric Materials: Current Perspective towards Real-Time Industrial Applications’’ in One week Skill Development Programme/Short Term Course on ‘‘Fundamentals of 3D Printing and New Product Development’’ organised by Technology Innovation Hub, SMVDU, Katra, UT of J&K from 5th Feb to 09th Feb, 2024. By Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department
12. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department chaired Session in "3rd International Conference on Mathematical, Engineering and Management Sciences (3rd-ICMEMS-2024) Organized by Visvesvaraya National Institute of Technology (VNIT) Nagpur, India in collaboration with Malaviya National Institute of Technology (MNIT) Jaipur, India, and Government Polytechnic Sakoli, India; on January 27- 28, 2024. By Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department
13. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Talk on ‘‘Developments in Hybrid USM and μ-ECM Processes: Current Status and Future Trends’’ in One Week online-Short Term Course on ‘Advancements in Material Processing and Additive Manufacturing’ (AMPAM 2024) from 8th January to 12th January 2024 held at SLIET Longowal. By Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department
14. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Talk on " 4D Printing with Smart Materials Present Status, Business Opportunities & Challenges" in a MSME sponsored five-days advanced ESDP on ‘‘Additive Manufacturing of Polymers: Scope of Entrepreneurship’’ during 16th to 20th December, 2023 at NIT Jalandhar. By Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department
15. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department chaired a session in the 3rd International Conference on Materials Science & Engineering (ICMSE-2023) scheduled held in November 2023 from 23-25th Nov. at NIT Jalandhar.

16. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered a talk as a Keynote Speaker "Developments In Hybrid Micro ECM Machining Processes" in the Vishwa IP Conclave 2023 held at VIIT Pune on Nov 15, 2023.
17. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered a talk on "Development In Hybrid Machining Processes: A Focus on Rotary Ultrasonic Machining and Micro-Electrochemical Machining," in the Technical Talk organized for the staff members and scholars of the Department of Mechanical and Industrial Engineering Technology at the *University of Johannesburg, South Africa*, on Oct 13, 2023.
18. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Talk on "Polymer Based 3D-Printing Processes" in the FDP organized by the Center for De-Novo Technologies & Ergonomics in Industry 4.0, (East Delhi Campus, GGSIPU, Delhi) and AICTE Idea Lab (GGSIPU, Delhi) on 25th July 2023.
19. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Talk on ‘‘4D Printing and its Applications’’ in a seven days workshop (KARYASHALA) entitled – ‘‘3D Printing Applications in Industrial, and Medical Sectors’’ – (3DPAIMS-2023) from 03 – 09 July, 2023 sponsored by Science and Engineering Research Board (SERB) under Accelerate Vigyan Scheme held at MANIT Bhopal.
20. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Lecture in One day National Seminar on ‘‘Smart Materials: Current Scenario and Future Prospects’’ organized by the School of Mechanical Engineering at SMVDU Katra on 7th of June, 2023.
21. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Lectures on ‘‘Insights of Research Writings’’ and ‘‘Ethics and Values in Research Writings’’ in one-week Short Term Training Program on ‘‘R&D to IPR - A Roadmap’’, organized by the Department of Mechanical Engineering, Bajaj Institute of Technology Wardha in association with ISTE, New Delhi & Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur from 22nd to 26th May 2023.
22. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department delivered an Expert Lecture on ‘‘Hybrid Machining Processes-A Recent Research Perspective’’ in Short-Term Course on ‘‘Recent Advances in Mechanical Engineering’’ organized by the Department of Mechanical Engineering, from 01-05-2023 to 10-05-2023 at NIT Patna.

International conferences / National conferences / Workshops organized / attended (1 April 2023 to 31 March, 2024)

1. Dr. Satnam Singh , Dr. Rajneesh, Dr. Vikas Kumar & Dr. Vikas Kumar (D) of Mechanical Engineering Department, organized International Conference on Mechanical Engineering and Technology (ICMET-2024) as organizing Secretaries at NIT Kurukshetra from 01-03-2024 to 03-03-2024.
2. Dr. Satnam Singh presented a research paper at the International Conference on Mechanical, Aeronautical and Automotive Engineering (ICMAAE-24) at Phuket, Thailand from 26-03-2024 to 27-03-2024.
3. Dr N K Singh presented a paper at the 2nd International Conference on Computational Modelling, Simulation and Optimization held in Bali, Indonesia, June 23-25, 2023
4. Dr. Rajneesh, Assistant Professor, Mechanical Engineering Department organized 2nd International Conference on Computational Modeling, Simulation and Optimization (ICCMSO-2023), held at Bali, Indonesia from 23-06-2023 to 25-06-2023, Conference Chairman.
5. Dr. Manoj Kumar Sinha presented a research paper "Improving the Mechanical Performance of Re-entrant Auxetic Structure through Gradient Material Distribution" at 5th International Conference on Recent Advancements in Mechanical Engineering (ICRAME-2024), Department of Mechanical Engineering, NIT Silchar Assam, India. February 02-04, 2024.
6. Dr. Manoj Kumar Sinha and Kamal Kishore presented a research paper "Application of Machine Learning Techniques in Ecological Grinding of Inconel 718", at 9th International and 30th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2023), Department of Mechanical Engineering, IIT (BHU) Varanasi, India. December 08-10, 2023.
7. Organized five-day workshop on Professional Skill Proficiency as an Organizer at NIT Kurukshetra, held from 04-08, May, 2023. By Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department
8. Attended International Conference: CPIE-2023, held on 10-12 March, 2023, organized by NIT Jalandhar. By Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department
9. Online Attended 5th International Turkic World Congress on Science and Engineering (TURK-COSE 2023) during 14-16, September, 2023 at Kırgızistan-Türkiye Manas Universitesi, Bishkek, Kyrgyrstan. By Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department
10. Attended International Conference: ICMET-2024, held on 01-03 March 2024, organized by NIT Kurukshetra. By Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department

Other Achievements (1 April 2023 to 31 March, 2024)

1. Dr. Satnam Singh, Assistant Professor, Mechanical Engineering Department acts as Technical Committee Member and reviewer in 7th International conference on Aeronautical, Aerospace and Mechanical Engineering held at Hong Kong from 08 March to 10 March, 2024.
2. Dr. Manoj Kumar Sinha, Assistant professor, MED, NIT Kurukshetra organized a One-week workshop by SPIC MACAY in collaboration with Student's Clubs as a Coordinator during January 15 – 21, 2024 at NIT Kurukshetra.

3. Dr. Manoj Kumar Sinha, Assistant professor, MED, NIT Kurukshetra organized a seven days' workshop on Creative Exploration and Empowerment as Organizer during 13.09.2023 to 19.09.2023 at NIT Kurukshetra.
4. Dr. Manoj Kumar Sinha, Assistant professor, MED, NIT Kurukshetra organized a five days' online short term course (e-STC) on Advances in Industrial and Manufacturing Operations: Applications and Practices (AIMOAP-23) as Coordinator during Dec. 15-19, 2023 at NIT Kurukshetra.
5. Dr. Ravi Pratap, Assistant Professor, Mechanical Engineering Department awarded with *Best Teacher Award* for the academic year 2021-22 in the Teachers Day Celebration held at NIT Jalandhar on 05th September 2023.
6. Dr. Rajeev Rathi, Assistant Professor, Mechanical Engineering Department published work in Special Issue: Strategic configuration of Industry 4.0 with environmental and social sustainability to achieve operational excellence, Engineering Management Journal, Taylor & Francis (IF 2.5).
7. Dr. Rajeev Rathi, Assistant Professor, Mechanical Engineering Department published work in Special issue: 'Strategic Alignment between Industry 4.0 and Operational Excellence methodologies for Smart manufacturing', The TQM Journal, Emerald Publishing (Q1, ABDC and Scopus Indexed).
8. Dr. Mukesh Kumar, Assistant professor, MED, NIT Kurukshetra was the reviewer for OTCON2.0 OPJU International Technology Conference on Emerging Technologies for sustainable development from Feb 8-10 2023, OP Jindal University (OPJU), Raigarh.
9. Dr. Mukesh Kumar, Assistant professor, MED, NIT Kurukshetra was the Reviewer of ''Manuscript ID MIP-02-2024-0067 for the Marketing Intelligence and Planning" 22-Mar-2024 23-Mar-2024 2 days Emerald Journal, Associate Editor, Marketing Intelligence and Planning. Scopus Journal.
10. Dr. Mukesh Kumar, Assistant professor, MED, NIT Kurukshetra was the Reviewer of Journal Manuscript ID JBIM-08-2023-0485, entitled "The role of tracking and evaluating the benefits of smart services in manufacturing companies." "Journal of Business and Industrial Marketing " 09-Dec-2023 11-Jan-2024 1 month 3 days Emerald Journal Associate Editor, Journal of Business and Industrial Marketing pcabanelas@uvigo.es. Scopus Journal.
11. Dr. Manoj Kumar Gupta, Assistant Professor, Mechanical Engineering Department awarded as 'Top 50 Eminent Teachers of the Year 2023' by International Institute of Organized Research (Registered MSME with Ministry of Micro, Small and Medium Enterprises, GOI)
12. Dr. Manoj Kumar Gupta, Assistant Professor, Mechanical Engineering Department received 'National Academic Excellence Award 2023' by International Institute of Organized Research (Registered MSME with Ministry of Micro, Small and Medium Enterprises, GOI).
13. Dr. Manoj Kumar Gupta, Assistant Professor, Mechanical Engineering Department got Life Membership of 'The Tribology Society of India, N Delhi', since 2023. By
14. Dr. Manoj Kumar Gupta, Assistant Professor, Mechanical Engineering Department acts as the Member of Bureau of Indian Standard N Delhi, Technical Committee on 'Continuous bulk conveying, elevating, aerial ropeways and related equipment sectional committee. By
15. Dr. Manoj Kumar Gupta, Assistant Professor, Mechanical Engineering Department got a R & D Project granted by Bureau of Indian Standard N Delhi entitled 'Technological gap analysis for steel tapes used in measurement'.
16. Dr. Manoj Kumar Gupta, Assistant Professor, Mechanical Engineering Department attended STC on 'Recent Advances in Optimization Techniques for Engineering Applications, RAOTEA-2024' by NIT Kurukshetra from March 02-06, 2024.
17. Dr. Manoj Kumar Gupta, Assistant Professor, Mechanical Engineering Department attended STC on 'Research Methodologies and Scientific Research Writing using LaTeX-2024' by NIT Kurukshetra from Jan 04-08, 2024.
18. Dr. Manoj Kumar Gupta, Assistant Professor, Mechanical Engineering Department attended STC on 'Virtual Reality/Augmented Reality in Manufacturing' by NITTTR Chandigarh from Dec 18-22, 2024.

19. Dr. Manoj Kumar Gupta, Assistant Professor, Mechanical Engineering Department attended STC on 'Effective Communication Skills & Leadership Qualities' by NIT Kurukshetra from June 26-30, 2023.

DEPARTMENT OF CHEMISTRY

Head of Department

Dr. Dr. Minati Baral Ph. D.

Professors

Dr. Minati Baral Ph. D.

Dr. J. K. Kapoor Ph. D.

Assistant Professors Grade-I

Dr. Chetti Prabhakar Ph. D.

Dr. Ram Kumar Tittal Ph. D.

Dr. Amilan Jose Ph. D.

Dr. Ghule Vikas 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): *Energy and Environmental Science* , Common to all branches. B. Tech. (Second Semester): Two different Chemistry papers are offered branch wise: Paper-1 for Civil, Mechanical & Production; and Paper-2 for Electrical & Electronics. Laboratory courses in I and II semesters common to all branches.
2	M. Sc.	Chemistry
3	Ph. D.	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:

i. Single crystal XRD
ii. Benchtop NMR Spectrophotometer
iii. Gas chromatography
iv. CHNS/O Elemental Analyzer
v. FT-IR Spectrophotometers
vi. Simultaneous Thermal Analyser
vii. Fluorescent Spectrophotometer
viii. LifeTime Fluorescence Spectrophotometer
ix. Multimode plate reader
x. High Vacuum Rotatory Evaporator
xi. Digital Melting Point Apparatus
xii. High Precision Electronic Balances
xiii. UV/visible Diode Array Spectrophotometer
xiv. Ion-selective Electrode pH Meter
xv. Rotary evaporators
xvi. Muffle furnaces
xvii. Trinocular Microscope.
xviii. High performance computers
xix. Gaussian G16 W
xx. GaussView 5.08
xxi. Chemcraft
xxii. Schrodinger

The 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

The 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 purposes.

The department had completed 15 projects of around ~374.36 lakhs and 6 projects are ongoing worth of around 150 lakhs.

DEPARTMENT OF PHYSICS

Academic Staff

Head

Dr. Neena Jaggi	Ph.D.

Professors

Dr. Ashavani Kumar	Ph.D.
Dr. Neena Jaggi	Ph.D.
Dr. R.P. Chauhan	Ph.D.

Assistant Professor

Dr. Prakash Chand	Ph.D.
Dr. Y. Dwivedi	Ph.D.
Dr. Awnish Kumar Tripathi	Ph.D.
Dr. Kolla Lakshmi Ganapathi	Ph.D.
Dr. Tamnay Maji	Ph.D.
Dr. Than Singh Saini	Ph.D.

POSTGRADUATECOURSES

Courses were offered in the following disciplines and specializations:

Discipline	Number of seats		Specializations	Remark
	Open	Sponsored		
Nanomaterials and Nanotechnology	10	05	Nanotechnology	Started in AY 2005
Master in Physics	25	05	Electronics, Spectroscopy, Nuclear Science	Started in AY 2023

Ph. D PROGRAMME

Ph.D. programme is offered in the following specializations:

1. Nanomaterials
2. Materials Simulation
3. Photonics and Optoelectronics

4. Spectroscopy
5. Energy storage devices
6. High Energy Physics
7. Energy conversion devices

LABORATORIES

Department has various well equipped following laboratories :

- Undergraduate laboratory for experiments related to Light, Electricity, Magnetism, Solid State Physics etc.
- Postgraduate laboratory (Physics)
- Postgraduate laboratory (Nanotechnology)
- Research laboratories- I &II.
- Sophisticated Instrumentation Laboratory-I&II for equipment: (SEM, XRD, XRF, NaI etc.)
- Gas Sensor Laboratory
- Computer Laboratory
- Materials synthesis Laboratory

Research Publications:

1. Verma, R., & Jaggi, N. (2024). A DFT investigation of Osmium decorated single walled carbon nanotubes for hydrogen storage. International Journal of Hydrogen Energy, 54, 1507-1520.
2. Rani, N., Goyal, M., & Jaggi, N. (2024). Tailoring the surface chemistry of multiwalled carbon nanotubes through acid treatment to enhance the performance of supercapacitor electrodes. Journal of Materials Science: Materials in Electronics, 35(8), 592.
3. Gupta, Y., & Jaggi, N. (2023). Integrated hydrothermal-green synthesis approach for covellite CuS nanoparticles with enhanced energy bandgap for BLEDs. Journal of Materials Science: Materials in Electronics, 34(30), 2014.
4. Gupta, Y., & Jaggi, N. (2023). Effect of Reaction Temperature on Structural and Optical Properties of CuS Nanoparticles.
5. Kanika, N. Jaggi, and T. S. Saini*, 'Dispersion Engineered SiN-coated TeO2 Hybrid Waveguide for Nonlinear Applications,' Journal of Electronic Materials (2024);

Accepted for the publication. https://doi.org/10.1007/s11664-024-11228-0 [*Corresponding Author].

6. D. Wu, T. S Saini, S. Sun, M. Huang, Q. Fu, T. W. Hawkins, J. Ballato, A. C Peacock, Broadband, tunable wavelength conversion using tapered silicon fibers extending up to 2.4 □m, APL Photonics 8 (10), 106105 (5 October 2023).
7. Dr. Than Singh Saini from the department of Physics, NIT Kurukshetra has been selected as an Executive Committee Member of IEEE Prakash Bharti (A Network of Photonics Professionals of India Supported by IEEE Photonics Society), IISc Bengaluru for the year of 2024 (Jan. 2024).
8. Dual activated carbon derived from keekar leaves as an excellent symmetric supercapacitor material: Pooja Devi, Ashish Gupta, Ashavani Kumar: J of Energy Storage 97, 112857:1-11, 2024
9. Mxene/cobalt ferrite/carbon materials based composites for efficient microwave absorption: Praveen Negi, Ashish Gupta, Parveen Kumar, Nirmala Rani and Ashavani Kumar: Materials Chemistry and Physics 320, 129448, 1-12, 2024
10. Superparamagnetic nanocubes of Co and Cu co-doped Mn-based ferrites as microwave absorbing material: Parveen Kumar, Praveen Negi, Alok K. Dixit, Himangshu Bhusan Baskey, Sumit Kumar, Ashish Kumar Mishra and Ashavani Kumar: Materials Chemistry and Physics 319, 129360, 1-15, 2024.
11. Enhanced Electrical and Magnetic functionality of Ni-Zn co-doped CoFe2O4 rGO nanocomposites : Diksha Nagpal, Ashish Gupta, Vishal Rohila, C.R. Mariappan and Ashavani Kumar: Soft Matter (RSC) 19, 9133-9138,2023;DOI https://doi.org/10.1039/D3SM01012K
12. Fabrication of Phyllanthus emblica leaves derived high-performance activated carbon-based symmetric supercapacitor with excellent cyclic stability: Anant agrawal, Anurag gaur, Ashavani kumar: J of Energy Storage 66, 107395:1-17, 2023.
13. Marigold flower shaped nanopetteled Co0.7Zn0.3Fe1.7Ni0.3O4 microspheres as Efficient Glucose Sensor: Diksha Nagpal, C.R. Mariappan, Ashavani kumar: Materials Chemistry and Physics 301, 127660:1-10, 2023.
14. Development of seismic signal based snow avalanche spectral utility: S. S. S. Dheerendra Koushik, J C Kapil and Ashavani Kumar: Journal of Earth System Science 133, 25, 2024.

15. Total and partial charge changing cross-sections of 300 A MeV Fe26+ ion beam in different target media: Renu Gupta and Ashavani Kumar: Nucl. Instrum. & Meth. B 534, 54-60, 2023.

Research Projects (ongoing):

1. ISRO sponsored project on Development of UV resistant long phosphorescent nanofibers (DS-2B-l3ol2(2\16212O19-Sec.2) amounting ~0.72 Lac, 2024-25, PI: Dr. Y. Dwivedi
2. DRDO sponsored Projection Development of Infrared absorbing Materials amounting ~39.94 Lac, 2024-27, PI: Dr. Y. Dwivedi
3. Haryana State Council for Science, Innovation & Technology sponsored Project on "Development of persistent luminescence materials "amounting~8Lac,2023-27, PI: Dr. Y. Dwivedi
4. Dr. Tanmay Maji has received project titled "Soft-collinear effective theory approach to precision angularity event shapes at high energy scattering experiments" funded by SERB, Govt. of India.
5. DRDO sponsored Projection "Development of synergetic dielectric and magnetic loss materials composite for high performance microwave absorption applications" amounting
   ~31.2 Lac, 2022-24, PI: Dr. Ashavani Kumar and Cp-PI: Prakash Chand.

- Dr. Rishi Pal Chauhan, Prof. Department of Physics, received Best faculty award on 26th January 2024 from Director NIT Kurukshetra
- Patents application No. 20211019692 awarded (award no. 449452) on 4th September 2023, Inventers Dr. Rishi Pal Chauhan and Dr. Jaya Khatter.

DEPARTMENT OF MATHEMATICS

Head of Department

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

Professor

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

Assistant Professors

Dr. SarasvatiYadav	Ph. D.
Dr. Amit Prakash	Ph. D.
Dr. Naveen Kumar	Ph. D.
Dr. Smita Sonker	Ph. D.
Dr. Sunrender Ontela	Ph. D.
Dr. Harshita Madduri	Ph. D.
Dr. Raghvendra Pratap Singh	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)	I
Integral Calculus and Difference Equations (Common for All Branch)	II
Applied Numerical and Statistical Methods (for CE, ME)	III
Discrete Mathematics (for CS, IT)	III
Applied Numerical and Statistical Methods (for PI)	IV
Applied Linear Algebra (for EE)	IV
Complex Analysis and Partial Differential Equations (for ECE)	IV

Elective Subjects

The department offers an open elective (OE) for the student of B. Tech. 7th semester Operations Research, Electromagnetic Theory, Mathematical Method, Graph Theory and its Applications.

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 manifolds 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

1. **Head of Department**

Dr.Vikas Choudhary Ph.D.

2. **Information regarding faculty of the department**

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.

3. **Courses**

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

I. B.Tech 1st Year Institute Core (IC) Courses

HSIC 101 Communication Skills in English
HSIC 102 Economics for Engineers
HSIC 103 Financial Education
HSIC 104 Business Studies

II. B.Tech 1st Year Non-Conventional Institute Core (NCIC) Courses

HSIC 101 Human Values and Social Responsibility
HSIC 102 Sanskrit Language Skills
HSIC 103 Hindi Language Skills
HSIC 104 Telgu Language Skills
HSIC 105 Constitution of India
HSIC 106 Indian Knowledge System
HSIC 107 Teachings of Geeta
HSIC 108 French Language Skills
HSIC 109 German Language Skills
HSIC 110 Japanese Language Skills
HSIC 111 Thought Lab and Practices

III. B.Tech 4th Year Institute Core (IC) Courses

Professional Ethics and IPR (HSIR-13)
Business Management (HSIR-14)

4. 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

5. LABORATORY FACILITIES:

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

I. LANGUAGE LABORATORY (02):

A 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.

II. COMPUTER LABORATORY:

The Department has a 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.

DEPARTMENT OF COMPUTER APPLICATIONS

1. Faculty Members

S.No.	Name of Faculty Member	Designation	Qualification	Area(s) of Specialization	Total Publications	i10-index
1	Dr. Sandeep Kumar Sood	Associate Professor and Head	PhD	Quantum Computing, Big Data Analytics	172	131
2	Dr. Ashutosh Kumar Singh	Professor on Deputation	PhD, PostDoc	Cloud Security	339	175
3	Dr. Sarika Jain	Assistant Professor	PhD	Web Semantics	143	51
4	Dr. Kapil	Assistant Professor	PhD	Machine Learning, Wireless Networking	49	14
5	Dr. Munish Bhatia	Assistant Professor	PhD	Quantum Computing, IoT	81	33
6	Dr. Nidhi Gupta	Assistant Professor	PhD, PostDoc	Computer Vision,	20	08
7	Dr. Anshu Parashar	Assistant Professor	PhD	Software Engineering, Machine Learning	41	09
8	Dr. Suresh S	Assistant Professor	PhD	Graph, Game Theory	20	04

2. 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

3. **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.

4. 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, 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.

S. N.	Name of the Investigator	Project No.	Funding Agency	Title of the project and duration	Amount sanctioned
1	Sandeep Kumar Sood	22(0728)/17/EMR-II	Council of Scientific and Industrial Research	"Smart Disaster Management using Internet of Things (IoT) in Indian Perspective"	INR 19,62,000/-
2.	Sandeep Kumar Sood	Dean(R & C)/22/78 dated 22 June 2022	CSR Initiative by Siemens	"Secure Cloud-Centric IoT Assisted Data Analytics Frameworks for Cyber-Physical System"	INR 5 lakhs
3	Sarika Jain	IHUB Anubhuti/Project Grant/17	IHUB-ANUBHUTI-IIITD FOUNDATION set up under DST	"Multilingual and Culturally Customized Knowledge Management for Legal Information Processing and Management"	INR 30,00,000/-
4	S. Suresh (Co-PI)	No. 3(9)/2021-EG-II dated 26-03-2021	Ministry of Electronic & Information Technology (MeitY)	AI-Based Predictive Analytics of Visitors to Public Places and Its Applications for Better People Management	INR 35.21 lakhs
5	S. Suresh (Co-PI)	No.28(01)/2019/EMR/870 dated 24-05-2022	Directorate of Forensic Science Services, Ministry of Home Affairs	Gene Databank for Forensic Investigation in India	INR 34.31 lakhs
6.	Sandeep Kumar Sood and Munish Bhatia	Cohort-2 Dated 31 March 2023	Ministry of Electronics and Information Technology	"Quantum Computing Inspired Vehicular Route Optimization for Industrial Applications"	$10,000 USD

5. Sponsored Projects

Ongoing Projects: Total Amount (₹) 132,24,000 and No. of Research Projects: 06

Completed Projects: Total Amount (₹)178,15,440 and No. of Research Projects: 06

6. Laboratory Facilities

The department currently has 05 Computer labs (03 for MCA students + 02 research labs for Ph.D. students) having approx 90 PCs in total. All labs have a fast internet connection along with a projector facility.

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

7. Details of computing and networking facilities available in the department

S. No	Name of the Equipment	Number	Year of Purchase
1	Fujitsu GPU/ IBM Server/GFX	2	1 in 2016; 1 in 2018
2	Desktop Computers	110	1 in 2010; 50 in 2011; 50 in 2015; 9 in 2021
3	Laptop	8	1 in 2013; 5 in 2023; 2 in 2015
4	Printers	19	2 in 2009; 1 in 2010; 3 in 2011; 2 in 2013; 2 in 2014; 1 in 2015; 8 in 2023
5	UPS	8	1 in 2010; 2 in 2011; 3 in 2012; 1 in 2015; 1 in 2015
6	Network Switches	10	2 in 2011; 1 in 2014; 1 in 2015; 4 in 2017; 2 in 2022
7	Photostat Machine	3	1 in 2011;1 in 2017; 1 in 2023
8	Inverter	5	1 in 2008; 1 in 2011; 3 in 2015
9	Projectors	10	3 in 2009; 2 in 2013; 4 in 2015; 1 in 2022
10	Projector Screen	3	1 in 2011; 1 in 2013; 1 in 2015
11	Bend LED	2	1 in 2010; 1 in 2011

8. Student's 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
- Algoholics
- 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.

DEPARTMENT OF BUSINESS ADMINISTRATION

Head of Department **Associate Professor** Dr. Neeraj Kaushik	Ph.D.
Assistant Professor Dr. Mohammad Firoz	Ph.D., FCA
Assistant Professor Dr. Chandra Sekhar	Ph.D
Assistant Professor Dr. Priyanka Sihag	Ph.D
Assistant Professor Dr. Mohit Kumar Ojha	Ph.D

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 Sponsored 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

Capacity Building Programme

Indian Council of Social Science Research (ICSSR) sponsored Two-week Capacity Building Programme (CBP) for faculty members to be conducted from Aug 22-Sept 5, 2024

Title: Two Weeks Capacity Building Programme on Mixed method research

Duration: 12 days

Strengths of the Department

- **NBA Accreditation (3 Years) for the academic sessions 2022-25**
- **State of the art laboratories**

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 (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 IBM SPSS (24 version), AMOS (24 version), SYSTAT, STATISTICA, CAPITALINE (Database), Jamovi, R-Studio and Python.

- **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 heartrate, blood pressure, respiratory rate skin conductance and lung function. Here overall research will be helping 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 post graduate society, mainly formed for the post graduate students of the Institute. Through this platform, students get opportunities to showcase 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 (HR 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 Indian Oil Corporation Ltd (Panipat), BILT (Yamuna nagar), Mohan Meakin Limited (Himachal Pradesh)

North Indian Railways (Yamuna nagar), 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, Trav Clan, 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. Ashwani Kumar	Ph.D.

Associate Professor

Dr. Shelly Vadhera	Ph.D.

Assistant Professors

Dr. Gaurav Verma	Ph.D
Dr. Pradeep Kumar	Ph.D.
Dr. Rahul Sharma	Ph.D.
Dr. Rajesh Kumar	Ph.D.
Dr. Shivam	Ph.D.
Dr. Chandrasekhar M	Ph.D

Vision

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.

Workshop/Training/Conferences/SeminarsWebinars/ Other Events:

Date	Workshop/Conferences/Seminars/Webinars/ other events organized by School
September 12, 2017	One Day Workshop On Energy Conservation Building Code (ECBC), Organized by School of Renewable Energy & Efficiency National Institute of Technology Kurukshetra & HAREDA
November, 3, 2018	One Day Quiz competition on Energy conservation & Renewable Energy in association with HAREDA
February 23, 2019	One Day Zonal Level Debate competition on Energy conservation in association with HAREDA
March 2, 2019	One Day State Level Debate competition on Energy conservation in association with HAREDA
May 27-31, 2019	Self Financed Short Term Course on Research and Professional Skills (RPS-2019)
June 10-11,2019	Two Days Workshop On Energy Conservation Building Code (ECBC), Organized by School of Renewable Energy & Efficiency National Institute of Technology Kurukshetra & HAREDA

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 the New and Renewable Energy Department, Haryana/ HAREDA and National Institute of Technology Kurukshetra, in association with the 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

Assistant Professors

Dr. Gaurav Saini, Assistant Professor, ECE
Dr. Ashutosh Nandi, Assistant Professor, ECE
Dr. M.P.R. Prasad, Assistant Professor, EE

In addition to above, following faculty members have been involved in the supervision of the dissertation work of M.Tech students during 2018-19:

Dr. Brahmjit Singh, Professor, ECE

Dr. Umesh Ghanekar, Professor, ECE

Dr. L.M. Saini, Professor, EE

Dr. N.P. Singh, Associate Professor, ECE

Dr.Vikas Mittal, Associate Professor, ECE

Dr.Vrida Gupta, Associate Professor, ECE

Dr. Arvind Kumar, Associate Professor, ECE

Dr. Sudakar Singh Chauhan, Assistant Professor, ECE

Dr.T.N. Sasamal, Assistant Professor, ECE

Dr. Shweta Meena, Assistant Professor ECE

Dr. Gaurav Verma, Assistant Professor ECE

Dr. Bhanu Pratap, 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. Students during their dissertation work are also sponsored for 6-12 months internship in reputed organizations such as Intel, Mentor Graphics etc.

Ph.D. Courses -

Facilities of research are offered by the school on approved topics leading to the degree of Doctor of Philosophy. One student has completed his PhD from the School and presently four students are enrolled for the PhD in the School of VLSI Design and Embedded Systems.

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 • Cadence • Synopsys • Mentor Graphics • Synopsys TCAD 2D • VISUAL TCAD 2D/3D
2	IC Fabrication Facility • Provided by **SCL Mohali** for NIT Kurukshetra
B. Embedded System Lab:	
1	Microcontroller Boards (Atmel, Freescale, ARM)
2	FPGA Boards
	• Xilinx FPGA Boards
	• Intel FPGA Boards
3	Sensors and Transducers Modules
4	National Instruments • 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 Bioinstrumentation Sensor Kit
5	Softwares • 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 andDevice Modeling of Multigate Semiconductor devices."

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:

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

Achievements of the School -

a. School has successfully designed and fabricated following integrated circuit in coloration with SCL Mohali:

i. 8-bit Vedic Multiplier using CMOS.
ii. 8-bit Level crossing Analog to Digital converter.
iii. Low-dropout voltage regulators (LDO).
iv. Design of Advanced Encryption Standard (AES) 128-bit cipher co-processor chip is in progress.

b. Faculty members and research scholars of school have published about 40 research papers in SCI and Scopus indexed International Journals in the last three years.

Other Facilities:

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

CENTRE OF COMPUTING AND NETWORKING

Sr. No.	Name	Designation	Qualification
1	Prof.L. M. Saini	Prof. in-Charge, CCN	Ph.D
2	Dr. Jagan Nath	Senior Technical Officer	Ph.D
3	Sh. Himanshu Reddu	Technical Assistant	B.Tech
4	Sh. Pawan Kumar	Store keeper	B.A

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 a new bilingual web-portal is under progress.
3. Email 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. ERP 'SAMARTH'.
8. 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 12:00 Midnight (Monday to Saturday)
9:00 AM to 5:30 PM (Sunday)

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. 1.5 Gbps M/s Vodafone Idea 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.)

Siemens Centre of Excellence(SCoE)

Siemens Centre of Excellence(SCoE)

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

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 the 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
- Developed Qualification Packs (QP's) and handbook for ASDC
- Offered industrial solutions to Oriental Engg & ETE Robotics

Administrative Staff

Designation	Name	Email Id's
Head	Prof. Brahmjit Singh	headscoe@nitkkr.ac.in
Sr. Technical Officer	Sh. Vishal Gill	sto_scoe@nitkkr.ac.in

CENTRAL LIBRARY

Assistant Librarian: Manish Garg (M. Lib & Inf. Sc., UGC-NET)

Introduction:

Institute has a very spacious Library with a good collection of documents. It includes text and reference books, video cassettes, CD-ROMs and a 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 the library is 36711 Sq. ft.

Library Collection:

Books	**Total no. of books as on 31.03.2023**	**Added during 01.04.2023 to 31.03.2024**	**Gratis received during 01.04.2023 to 31.03.2024**	**Written Off during 01.04.2023 to 31.03.2024**	**Total as on 31.03.2024**
Library	54325	777	101	-17	55186
Book Bank	81259	873	-	-13	82119
Total	135584	1650	-	-30	137305
Other Documents					
Back Sets	7097	-	-	-	7097
Standards	10097	-	-	-	10097
CDs/Video Cassettes	832	7	-	-	839
e-Books	12272	-	-	-	12272
Thesis	6355	-	-	-	6355
Grand Total	**172237**				**173965**

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 (Gratis)
Newspapers	Hindi	9
	English	12
Magazines	Hindi	3
	English	4

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 Catalog) 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 an 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:

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.	ISID Database	http://isid.org.in/home.html
5.	JGate Plus (JCCC)	http://jgateplus.com/search
6.	JSTOR	http://www.jstor.org/
7.	Oxford University Press	http://www.oxfordjournals.org/
8.	Springer + Nature	https://link.springer.com/
9.	Web of Science	http://www.webofknowledge.com/
Directly Subscribed by the Institute		
10.	ACI MCP+ Journal	http://standards.bsbedge.com/home.aspx
11.	ASCE Proceedings	http://www.asce.org/
12.	American Physical Society(APS)	https://journals.aps.org/browse.html
13.	Capitaline	http://www.capitaline.com
14.	Knimbus (Remote Access)	https://nitkkr.knimbus.com
15.	Emerald	https://www.emeraldinsight.com/
16.	IEEE/IEL	https://ieeexplore.ieee.org/Xplore/home.jsp
17.	Institute of Physics (IOP)	https://iopscience.iop.org/
18.	Scopus	https://www.scopus.com/

19.	Science Direct Journals with Back Files	www.sciencedirect.com/
20.	SciFinder	https://scifinder.cas.org
21.	T&F: 351 Journals	http://www.tandfonline.com/
22.	Turnitin (for Plagiarism)	http://turnitin.com/
23.	Grammarly	https://grammarly.com/edu/
24.	Wiley Online Library	https://res6.info.wiley.com/res/tracking/NIT_Kurukshetra_Access _to_Wiley_Journal_titles-2024.pdf
Standards		
25.	ASTM Digital library + Standards	https://compass.astm.org
26.	Indian Standards	https://standards.bsb.co.in
E-Books		
27.	Cambridge University Press	http://ebooks.cambridge.org
28.	CRC/Taylor & Francis	http://www.tandfonline.com/
29.	EBSCO	http://web.ebscohost.com
30.	MGH: Access Engineering	http://accessengineeringlibrary.com
31.	Springer: Engineering + LNCS	http://www.ebooks.springerlink.com
32.	Wiley	http://onlinelibrary.wiley.com
33.	World Scientific	http://www.worldscientific.com/
34.	CBS Publisher	http://www.cbspd.com
35.	Pearson	http://www.pearson.com
36.	S Chand	http://www.schandpublishing.com
37.	De Gruyter	http:// www.degruyter.com
38.	New Age	https://digital.elib4u.com/bookshelf

Expenditure (2023-24)

Print Books	1755458.00
E-resources, Journals	33832677.00
Library Expenses	297654.00

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 disciplines 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.

i. 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 of
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/ Return during 2023-2024	80255
Number of Visitors during 2023-2024	164788

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 a 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 6508 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 processes 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 /Postgraduate 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 the following fully equipped shops.

S.N.	Description	Machines & Equipments
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

Office of the Dean | Industry & International Relations
National Institute of Technology Kurukshetra
Dean (R&C)
R. K. Sharma | PhD
Professor | Department of Electronics & Communication Engineering

Associate Dean (I&IR)
Shelly Vadhera | PhD
Associate Professor | Department of Electrical Engineering

INDUSTRIAL RELATIONS

Faculty In-Charge
Surender Ontela | PhD
Assistant Professor | Department of Electrical Engineering

TPO
Sh. Munish Sharma

Senior Assistant
Sh. Rakesh Sharma

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, Associate Faculty In-charge, TPO, Senior Assistant, 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, 756 students out of 1080 have been successfully placed in various organizations for internships during the Academic Session 2023-24. The T&P Cell also laid major focus on bringing R&D exposure to the students. Indeed, around 20 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 organized three short term courses.

1. **Effective Communication Skills and Leadership Qualities (ECLQ-2023) during June 26-30, 2023.**
2. **Nurturing and Testing of Employability and Entrepreneurship Skills (NTEES-2023) during October 03-07, 2023.**
3. **Attitude, Behaviour and Career Skills for Entrepreneurship and Professional Development (ABCS-2024) during March 04-08, 2024 for the 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 BPCL, EIL, BEML visited the institution for placement. Major recruiters are Microsoft India, Google, Adobe Systems, Salesforce, Expedia Group, Winzo Games, Texas Instrumentation, SAP labs, Wells Fargo Synopsys, Brahmos Aerospace, American Express and many more. In the current academic year 2023-2024, till now more than 388 companies visited the institute and offered jobs and internship opportunities to the undergraduate and post graduate students of the institute. The highest pay package offer is 64.28 LPA per annum given by, with an average pay package of around 13.48 lacs per annum.

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS SECTION

Prof. in Charge

Prof. P. C. Tewarti 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 & Yog as a compulsory subject (Practical only) for the B. Tech first year to third-year Students. Sports is not just any other extra-curricular activity, it is an integral part of one's overall development, therefore, in the new National Education Policy (NEP2020) government has emphasized Sports and Yog also. This Institute has also introduced Physical Education/Sports/Yoga s an integral part of the curriculum with 01 credit each in Sports and Yog.

There are two S.A.S. Officers (Student Activity & Sports Officer) appointed in the Physical Education & Sports Section who are available for regular Classes for B. Tech, apart from that we have a Yog Instructor for providing training and giving coaching to the Institute students. There are 02 Peons and 03 Grounds man and 03 Malies who are engaged for maintaining the play field for the regular Sports Activities of the students.

In addition to the above, the following Games & Sports along with facilities are available for NIT students in the Sports Complex:

Sr. No.	Tournament	Position
1.	Athletics	One Standard 400 Mts. Track.
2.	Ball Badminton	One Court.
3.	Badminton (Open)	Two Badminton Courts are available.
4.	Basketball Complex	One cemented Basketball Court in Sports Complex and One in G.H.
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 Mini Gymnasium is available both for Boys and Girls.

9.	Handball	One Handball Ground.
10.	Kabaddi	Two Clay Kabaddi Courts one each for Boys & Girls.
11.	Kho-Kho	One Kho-Kho Ground.
12.	Lawn Tennis	Five Grass Courts and One Cemented Court are available.
13.	Swimming Pool	Standard Size Swimming Pool is ready to use.
14.	Table-Tennis	Table Tennis Table Facility in the Sports Complex & Hostels.
15.	Volleyball	Two Standard Courts with lights and 01 without lights
16.	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 the Annual Athletics Meet comprising of near about 50 Events for the Students and Staff of the Institute.
- **Inter-Year Tournaments:** -Conducted in all the Mjor 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 Tournaments. Along with this, we conduct **Inter Technology University Sports Association (ITUSA)** Tournaments and **All India Inter-NIT Tournaments each year.**
- We conduct "**YOGA SHIVIR**" for the Faculty, Staff and Students of the Institute.
- We also organize **Run For Unity, Swachch Bharat, FIT India** other Activities as a part of Various National Campaigns.

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

1. Inter Technology University Sports Association (I.T.U.S.A) Volleyball (Boys & Girls) Tournament from 27th to 29th Oct, 2023.
2. Inter Technology University Sports Association (I.T.U.S.A) Yoga (Boys & Girls) Tournament from 27th to 29th October, 2023.
3. All India Inter NIT Volleyball (M/W) Tournament from 01st to 03rd March, 2024.
4. Independence Day on August 15, 2023.

5. Rastriya Ekta Diwas (Run for Unity) - 31st October, 2023.
6. International Year of Millets 28.11.2023.
7. FIT INDIA week -01st to 05th December, 2023.
8. Table-Tennis League- 19th to 21st January, 2024
9. 75th Republic Day on January 26, 2024.
10. Badminton League- 02nd to 04th Feb, 2024.
11. Annual Athletic Meet ''CITIUS''- 09th to 11th February, 2024.
12. Cricket League- 23rd to 25th February, 2024.
13. Power Yoga Camp of one Month from May 21st to June 20th, 2024.
14. International Yoga Day- 21st June 2024.
15. International Day against Drug Abuse & Illicit Trafficking – 26th June, 2024.
16. Inter-year tournaments.
17. Inter-hostel tournaments.

Our students represented NIT Kurukshetra in the following Games.

1. Athletics (Boys & Girls).
2. Basketball (Boys & Girls).
3. Badminton (Boys & Girls).
4. Chess (Boys & Girls).
5. Cricket (Boys).
6. Football (Boys).
7. Lawn-Tennis (Boys).
8. Table-Tennis (Boys & Girls).
9. Volleyball (Boys & Girls).
10. Kabaddi (Boys & Girls).
11. Handball (Boys & Girls).
12. Gymnasium Events (Weight Lifting, Power Lifting & Body Building).
13. Yoga (Boys & Girls).

Result & Achievements For The Session 2023-24.

Sr. No.	Tournament	Position
1.	All India Inter NIT Basketball (M/W) Tournament held at NIT Jaipur From 20th to 22nd October, 2023	Basketball (Boys) 2nd Position
2.	All India Inter NIT Handball (M/W) and Kabaddi Tournament held at NIT Surathkal From 27th to 29th Oct, 2023	Handball (Girl)- 1st Position Handball (Boys) 3rd Position Kabaddi (Boys) 1st Position
3.	ITUSA Volleyball(M/W) & Yoga (M/W)Tournament organized by NIT Kurukshetra From 27th to 29th Oct,2023	Yoga (Boys) 1st Yoga (Girls) 1st Volleyball (Girls) 3rd
4.	All India Inter NIT Chess (M/W), Yoga(M/W) and Table-Tennis Tournament held at NIT Jamshedpur From 02th to 4th January, 2024	Yoga (Girls) 1st Position Yoga (Boys) 3rd Position

5.	All India Inter NIT Cricket Tournament held at NIT Trichy From 5th to 8th January, 2024	2nd position
6.	All India inter NIT Athletics Tournament held at NIT Warangal From 16th to 18th February 2024.	01st Position (5000 Mtr.) 01st Position (1500 Mts.)
7.	All India Inter NIT Volleyball (M/W) Tournament Organized By Sports section From 01st to 03rd March, 2024	Volleyball (Boys) 3rd Position Volleyball (Girls) 4th Position
8.	ITUSA Cricket (M) Tournament held at PEC Chandigarh From 6th to 8th April, 2024	2nd Position
9.	All India Inter NIT Chess, Badminton, Table-Tennis Tournament staff/ faculty held at NIT Bhopal	Mixed Dabble Badminton- 3rd Position Above 50 years Badminton-2nd Position

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 in **400 meters hurdles.**
2. **Mr. Arun Fotedar (1984-88)** represented up to the level of Ranji Trophy.
3. **Mr. Shiven** student of the **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.

STUDENTS CLUBS

Professor-in-Charge

Dr. (Mrs.) Saraswati Setia	Professor, Civil Engineering

Faculty-in-Charge

Dr. Shelly Vadhera	Associate Professor, Electrical Engineering
Dr. Y. Dwivedi	Assistant Professor, Physics
Dr. Yogesh Aggarwal	Assistant Professor, Civil Engineering
Dr. Mohit Dua	Assistant Professor, Computer Engineering
Dr. Awnish Kumar Tripathi	Assistant Professor, Physics
Dr. V. G. Durgarao Rayudu	Assistant Professor, Electrical Engineering
Dr. Niyati Baliyan	Assistant Professor, Computer Engineering
Dr. Surender Ontela	Assistant Professor, Mathematics

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 Prof Students Clubs.

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 VeenaGoyal 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. ShellyVadheraand 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 the 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 exhibitions 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.

TECHNICAL SOCIETIES

Dr. Gian Bhushan (Professor-in-Charge)

Dr. Gaurav Saini (Faculty-in-Charge)

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. Mohit Dua
7.	AeroModelling Club	Dr. Jatinder Kumar
8.	Astronomy Club	Dr. Yogesh Aggarwal
9.	Embedded System and Robotic Control (EMR) Club	Dr. Gaurav Verma

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.

HINDI LANGUAGE AND MORAL EDUCATION

Faculty In-Charge

Dr. Manoj Kumar Sinha 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 है। वैसे तो हम हर दिन अपनी मातृभाषा हिंदी के साथ अपने विचारों को प्रकट करते है लेकिन कुछ माध्यम ऐसे भी होते हैं जिनसे हमारी रूचि 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 है जिनमें एनआईटी कुरुक्षेत्र के छात्र बढ़-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 जागरुकता 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। इनमे 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 बढ़-चढ़ कर भाग लेते हैं। इन सभी आयोजनों से हिंदी भाषा के उस पहलु 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 है।

MEDICAL AND OTHER FACILITIES

HEALTH CENTRE

Professor-in-charge	**Dr. Ajai Jain**
Senior Medical Officer	Dr. Minati Raut
Medical Officers	Dr. Sumit Kumar Guin
	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 dependents 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.

ECG Services:

Computerized ECG services are available at the Health Centre during OPD hours.(9:00am to 1:00pm) and (3:00pm to 12:00 midnight).

Ambulance Services: (24x7) (Mobile No. 9467844800)

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

Medical Insurance :

Presently staff members who have opted for medical insurance have a cover of Rs. 5 lac per year for critical illness. Similarly, students have medical insurance cover of Rs. 1 lac per year.

Recognised Hospitals:

- Government: All Government Hospitals/Dispensaries in Kurukshetra
- LokNayak JAY Parkash (LNJP) Hospital, Kurukshetra
- Shri Krishna Govt. Ayurvedic Medical Hospital, Kurukshetra

Empanelled Doctors of various specialities:

1. Surgeons
2. Orthopaedic Surgeon
3. Medicine Specialist
4. ENT Specialist
5. EYE Specialist
6. Dermatology
7. Gynaecologist
8. Psychiatric
9. Paediatric
10. Physiotherapist
11. Dental Surgeon

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 the seriousness of cases as decided by the treating doctors as per facilities available. Serious cases are referred to higher centre/empanelled hospitals/Govt. hospital after giving preliminary treatment.

Contact No. Empaneled Hospitals

Sr. no.	Name of the Hospital	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	Saraswti Mission Hospital,	Multispecialty	9468009020
5	Radha Krishna Children Hospital	Multispecialty	7206029576
6	Shri Balaji Arogyam Hospital	Multispecialty	9466063671
7	Anand Orthopaedic Centre	Orthopedic	9896038320
8	J.P. Bharal Hospital	Orthopedic	9992377525
9	Gandhi Nursing Home	Orthopedic+Detal	9896101599
10	Kurukshetra Nursing Home	Physician, Cardiology	9416039397
11	B.S. Heart Care Hospital	Cardiology	9991118281
12	Kedar Children Hospital.	Child Specialist	9812273737
13	Pawan Surgical Hospital	Surgeon	9812031635
14	Surender Mehta Surgical and Maternity Hospital	Surgeon	9812283184
15	Dua Dental Clinic,	Dentist	9416035422
16	Aggarwal Dental Clinic	Dentist	9896001916
17	Virk Nursing Home	ENT	9416035036
18	Lalit ENT Hospital	ENT	9466468841
19	Saini Eye Care Centre	Eye	01744-227050
20	Ankur Nursing Home	Eye/O & G	9896248149
21	Sobti Nursing Home	Eye & Dental	9896362621
22	Life Line Physiotherapy Clinic	Physiotherapist	
23	Health Care Physiotherapy Clinic	Physiotherapist	9354168115
24	Bansal Skin Care Clinic	Skin	01744270972
25	Dermawave Skin Lazer	Skin	7206536065
26	Neuropsychiatry Clinic	Psychiatry	01744-220646
27	Jhamb Chest and Dental Clinic	Chest, Dental, Asthma, Allergy & T.B.	
28	Harsh Hospital	Pediatrician	8950708799
29	Archna MRI Centre	MRI	9466720131
30	Shri Swami Anant Prakashanand Memorial Dharmarth	Eye & Physiotherapy	
31	ABC Centre	Arthritis & Breast Care	9416723830 01744-223830
32	P.D. Memorial Chauhan Eye & Maternity Hospital	Eye & Maternity	
33	Shree Guru Kirpa Endocrine Clinic	Endocrine Clinic	
34	Goyal Gastro Liver Clinic	Gastro & Liver	
35	Kilkari Child Care Pediatrics Hospital Kurukshetra	Child Care	

Empanelled Private Hospitals, Kurukshetra

Sr. No.	Name of the Doctor	Field of Specialization
1	Dr. HimanshuAnand Anand Orthopaedic Centre Opp. Theme Park, Kurukshetra Contact No. 9354522220	Orthopedic
2	Dr. J.P. Bharal Near Chhota Railway Station, Kurukshetra Contact No. 9992377525	Orthopedic
3	Dr. N.K. Gandhi Gandhi Nursing Home AmbedkarChowk, Kurukshetra Contact No. 9896101599	Orthopedic
4	Dr. K.C. Aggarwal Dr. Ajay Aggarwal Aggarwal Nursing Home Salarpur Road, Kurukshetra Contact No. 9896050546	Physician
5	Dr. Anurag Kaushal Dr. Neha Khaneja Shri Balaji Aarogyam Hospital Near Old Bus Stand, Kurukshetra Contact No. 9466063671	Physician
6	Dr. KedarGoyal Kedar Children Hospital. Pipli Road, Kurukshetra Contact No. 9812273737	Child Specialist
7	Dr. PawanGoyal Pawan Surgical Hospital Near Old Bus Stand, Kuarukshetra Contact No. 9812031635	Surgeon
8	Dr. Surender Mehta Surender Mehta Surgical and Maternity Hospital, Saini SamajBhawan, Kurukshetra Contact No. 9812283184	Surgeon
9	Dr. VikasDua Dua Dental Clinic, Opp Old Bus Stand, Kurukshetra Contact No. 9416035422	Dentist
10	Dr. Deepak Aggarwal Aggarwal Dental Clinic Opp. Sec-17, Petrol Pump, Kurukshetra Contact No. 9896001916	Dentist
11	Dr. Vijay Gupta Dr. SnehPareek Ankur Nursing Home Indira Marg, Kurukshetra Contact No. 9896248149	Eye

12	Dr. Rajesh Saini Saini Eye Care Centre, Sector-7, Pipli Road, Kurukshetra Contact No. 01744-227050	Eye
13	Dr. BPS Virk Virk Nursing Home SCO-16-17, Sector-17, Kurukshetra Contact No. 9416035036	ENT
14	Dr. Rakash Pal Sharma Neuropsychiatry Clinic Sector-7, Kurukshetra Contact No. 01744-220646	Psychiatry
15	Dr. Ram Niwas Life Line Physiotherapy Clinic Near Chhota Railway Station, Kurukshetra Contact No. 8168658911	Physiotherapist
16	Dr. S.N. Bansal Bansal Skin Care Clinic Sector- 17, Kurukshetra, (01744-270972)	Skin
17	Dr. Prashant Cygnus Hospital Opp. Kassal Mall, Kurukshetra Contact No. 8396961222	Multispecialty
18	Dr. Anurag Goyal Apna Hospital, Kurukshetra Contact No. 9354522220	Multispecialty
19	Dr. N.C. Mureja Saraswti Mission Hospital Opposite Neel Kanth Yatri Niwas, Kurukshetra Contact No. 9468009020	Multispecialty
20	Dr. Lokender Goyal RadhaKrishan Children Hospital Red Road, Jyoti Nagar,, Kuruskhetra Contact No. 7206029576, 01744270516	Multispecialty
21	Dr. Pawan Bansal B.S. Heart Care Hospital Pipli Road, Kurukshetra Contact No. 9991118281	Cardiology
22	Dr. Amit Sobti Sobti Nursing Home Red Road, Kurukshetra Contact No. 9896362621	Eye & Dental
23	Dr. S.C. Garg Kurukshetra Nursing Home Pipli Road, Kurukshetra Contact No. 9416039397	Physician Cardiology
24	Dr. Lalit Gupta	ENT

	Lalit ENT Hospital Opp. Kassal Mall, Kurukshetra Contact No. 9466468841	
25	Dr. Deepti Rohila (PT) Health Care Physiotherapy Clinic Near Paras Cinema, Kurukshetra Contact No. 9354168115	Physiotherapy
26	Dr. Sumit Dermawave Skin Lazer Opp. Kassal Mall, Kurukshetra Contact No. 7206536065	Skin (Pending)
27	Dr. N.K. Jhamb Jhamb Chest & Dental Clinic Sector-17, Kurukshetra Contact No. 9896090996	Chest, Asthma, Allergy & T.B. Specialist
28	Dr. Kamal Singhal Harsh Hospital Near Sain Chowk & Punjabi Dharamshala, Kurukshetra Contact No. 8950708799	Child Specialist
29	Shri Swami Anant Prakashanand Memorial Dharmarth Hospital Kutia wali Gali, Near Sobti Nursing Home, Kurukshetra	Eye & Physiotherapy
30	Dr. Bharat Veer Manchanda ABC Centre House No. 25, Sector-7, Kurukshetra	
31	Dr. Subhash Chauhan P.D. Memorial Chauhan Eye & Maternity Hospital Opp. District Jail, 126, Sector-5, Kurukshetra	
32	Dr. Mudita Dhgingra Dua Shree Guru Kirpa Endocrine Clinic 634, Sector-2, Near OP Jindal Chowk Kurukshetra	Endocrine Clinic
33	Dr. Ramnish Goyal Goyal Gastro Liver Clinic Jyoti Nagar, Near Old Kartar Motor Opp. Sobti Nursing Home, Kurukshetra	Gastro & Liver
34	Archna MRI Centre, Near Bairagi Dharamshala Birla Mandir Chowk, Kurukshetra	MRI
35	Kilkari Child Care Pediatrics Hospital Kurukshetra	Child Care

OPD Hours:

Timings
Monday to Saturday Morning : 9:00 am to 1:00 pm Evening : 3:00 pm to 12:00 Midnight **Sunday/Gazetted Holidays** Morning : 9:00 am to 1:00 pm Evening : 3:00 pm to 05:30 pm

NATIONAL CADET CORPS (NCC)

The details about NCC organization, motto of NCC, eligibility conditions for the enrollment of the students, benefits of NCC and other details are given on the NCC website http://nccindia.nic.in. The students are advised to go through the web site.

Organization
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) NCC (Army Wing) regular unit: VACANT

New Initiative by the Institute: The NCC Directorate has allotted the NCC sub-unit of Army wing to the NIT Kurukshetra under the fully self-finance scheme (FSFS) with the cadets* strength of 160 SD/SW for the academic year 2023-24. The enrollment of B.Tech 1st year cadets may start from academic year 2023-24.

Accordingly, the following Care Taker Officers (CTOs) are appointed by the Group Headquarter Ambala for different NCC wings.

1. CTO (Army wing FSFS) Mr. Shahabuddin, SAS Officer
2. CTO (Air Force wing FSFS) Dr Chhagan Charan, Assistant Professor, ECE Department

Accordingly, the following Care Taker Officers (CTOs) are appointed by the Institute for different NCC wings.

1. CTO (Army wing Regular) Dr. Nidhi Gupta, Assistant Professor, Computer Applications Department
2. CTO (Navy wing) Dr. Ashutosh Nandi, Assistant Professor, ECE Department

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. CC 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 1st year with effect from session 2008-09. From the session 2018-19 onwards, 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. In new National Education Policy (NEP 2020) government has emphasized on Sports, Yoga and NCC also. In line with this, our institute has also introduced Physical Education/Sports/Yoga and NCC as an integral part of the curriculum with 01 credit each in NCC, Sports and Yoga.

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 defense officers from NCC, cadets get payment for refreshments 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. The 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 CC 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 in NCC in the institute and camp exposure enables cadets to obtain 'B' and 'C' certificates of NCC after qualifying for the respective examinations, conducted by the NCC Directorate. These certificates are of immense value for the students in molding their future careers.

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.

National Service Scheme (NSS)

Faculty In-charge

Dr. Dheeraj Kumar Sharma, Assistant Professor Grade-I,

Department of Electronics and Communication Engineering

Overall Objective:

Development of Student's personality through community service.

Aims & Objective of NSS:

i. To understand the community in which they work.
ii. To understand themselves in relation to their community.
iii. To identify the needs and problems of the community and involve them in a problem-solving process.
iv. To develop among themselves a sense of social and civic responsibility.
v. To utilize their knowledge in finding practical solutions to individual and community problems.
vi. To develop the competence required for group living and sharing responsibilities.
vii. To gain skills in mobilizing community participation.
viii. To acquire leadership qualities and a democratic attitude.
ix. To develop capacity to meet emergencies and natural disasters.

Joining NSS:

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

Guidelines for Evaluating NSS Students

Curriculum's 1-credit Course (Semester 1 to 6)

For the curriculum's credit award to students under NSS, the following procedure will be adopted:

Students should engage in various NSS activities (listed in Annexure-1) for at least 240 hours in three years (minimum 40 Hrs/semester).

The attendance records of students will be maintained by their unit's respective Programme Officer.

A student who participates in different activities of NSS during the 1st to 6th semester then he/she will earn certain hours per activity depending upon his/her role and responsibilities carried out by the volunteer as per the following rules:

S.No.	Role	No. of Hours
1	Audience	Upto 5 Hours
2	Active Participation	Upto 7 Hours
3	Organizer	Upto 10 Hours

Distribution of Marks: Total 100 (20+20+20+40)

Class Attendance: 20

Discipline & Punctuality: 20

Event Knowledge: 20

Comprehensive Viva (for all activities held during the entire semester): 40

Annexure-1 (Tentative NSS Activities Planned for an Academic Year)

Activities
Van Mahotsav Week (5-7 days) (Environment Enrichment & Tree Plantation) (Nearby places like public institutions, adopted villages/slum areas, and wasteland and other such activities)
Disaster Management (Workshops, awareness camps for Relief and rescue work inoculation and immunization, distribution of medicines, essential goods)
Adopted village (visiting some nearby villages and deciding 2-3 villages to be adopted for literacy promotion and basic facilities like drinking water, pucca/kutchha road, school shed/buildings, cooperative/self-employment scheme, etc.)
Independence Day (Participation in the college celebration)
Literacy Week (Pledge-taking ceremony, Visit to adopted village/slum to organize dialogue and discussion, Putting up hoardings and banners at prominent places in the local area)

Health Service & Awareness (Integrated Child Development Programme, Health Education, HIV/AIDS Awareness Programme, Motivating parents to send children to school and other such activities)
"**Annual NSS Day Celebrations**" of NSS
Digital Transactions Awareness Programs (“Startup India – Stand up India”)
Blood Donation Camp in collaboration with NITKAA
Autumn Camp (**4-6 days)** in a nearby village (Youth for Sustainable Development with a focus on Watershed Management & Wasteland Development or some other theme)
Gandhi Jayanti (Quiz competition, Speech, Communal Harmony DAY, and other such activities)
Quami Ekta Week (National Integration Day, Welfare of Minorities Day, Cultural Unity Day, Women’s Day, Conservation Day)
Swachhta Pakhwada (various activities like cleanliness campaigns in campus, locality, road safety, and other such activities engaging GOI Ministries/Departments initiatives)
Legal Literacy-Social Justice (Lecture by relevant person and other activities
World AIDS Day (creating awareness among school and college-going students, organizing lectures, public discussions, film shows, rallies and street plays)
Energy Conservation Day (awareness programme and other activities
National Youth Week (Lectures/Symposia on the philosophy and teaching of Swami Vivekanand, Mahatma Gandhi; Debate on the role of youth in the contemporary situation; Essay/drawing competitions amongst youth)
Republic Day (Participation in the college celebration)
Nasha Mukti Abhiyan (Awareness on the part of Tobacco Free Society; campaigns, posters, programmes in Hostels)
Women's Week (Special programmes regarding the significant role of women and girl child; Prominent women leaders lectures; awareness programmes and other such activities)

National Safety Day/ Week (Activities based on a theme provided by National Safety Council (GOI))
Life Skills and Vocational Training Programmes (Industry professional for lectures, competitions and other such activities)
Career Guidance (For college students through prominent speakers; NSS volunteers going to schools to provide guidance to 9-12th students and other such activities)
Environment Enrichment & Climate Change (Special programmes like lectures, campaigns, posters and other such activities)
World Bicycle Day Celebration
Other Activities: Activities suggested by Institute, State NSS Unit, MHRD, GOI Ministries etc.

PUBLIC RELATIONS OFFICE

Prof. In-charge

Dr. P. C. Tewari Professor, Mechanical Engineering Department

Framework 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 the 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 is 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 the 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 amounting to Rs.500/- along with the fee as premium. The Insurance company will provide assured cover of Rs.1,00,000/- per student per year 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.

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

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 an 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 mentors 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 years 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 networks. 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.

STUDENT'S COUNSELING

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 procedures. 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- 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.

Establishment of Thought Laboratory in the Institute:

In the wake of recent upheavals in the society-crime against children & women, massive drug abuse in today's youth, alarming suicide rates among young adults, widespread depression to the extent of becoming W.H.O.'s major concern is but tip of ice berg in the life of a child, adolescent and young adult and the challenges faced by them are many and the current technological tools are adding fuel to fire. The present education system teaches how to read, write and speak but does not focus on emotional strength. So, there is a lack of achievement in behavioral, management and social skills from this learning. In order to bridge this gap, there is scope for all-round Personality Development in National Education Policy 2020.

Therefore, a Thought Laboratory has been set up in our institute which was inaugurated by Hon'ble Governor of Haryana on 10.05.2022. The idea of Thought Lab is to train people on how to cultivate positive and creative thoughts and contribute positively at their own homes, organizations and within society on the whole.

Brief introduction of Thought Laboratory is given below.

Vision

To empower the thoughts of youth to build a world of peace, love and universal harmony through the means of science and spirituality.

Mission

1. To create a spiritual ambience for learning meditation and experiencing inner peace.
2. To provide a platform for research on Spiritual Dimensions of life.
3. To gain insights on Holistic development through Meditation.
4. To enable individuals to gain control over their thoughts, feelings and emotions.
5. To create interest among youth for Values & Spirituality.

Purpose

1. To provide a place for learning meditation and spiritual concepts.
2. To create spiritual ambience for experiencing inner peace.
3. To provide a platform for research on Spiritual Dimensions of life.
4. To gain insights on Holistic development through Meditation.
5. To build a value based environment among members of the organization.
6. To create interest among youth for Values & Spirituality. etc.

Benefits

1. Experience Peace and Empower the Self
2. Positive change in personality
3. Freedom from stress, anxiety and fear
4. Enhance focus and concentration
5. Improve decision making power
6. Opportunity to work on Spiritual Projects etc.

HOSTELS

1. BOYS HOSTELS

National Institute of Technology Kurukshetra offers Hostel facilities for the students with the primary objectives of including virtues of togetherness, self-confidence and discipline. Hostel accommodation is provided for Boys 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 boys' hostels with a capacity of approximately 4000 seats for UG, PG and Ph.D. students. Approximately 2500 rooms in the hostels are single seater and rest are on sharing basis. All the rooms in the hostels have been provided with the basic infrastructure required furniture and internet facility (LAN/Wi-fi). All the boys' hostels are self contained units with their own mess, common room, and facilities of hot and cold water, biometric attendance, newspapers, indoor/outdoor games, washing machines, CCTV cameras, and night staff.

2. HOSTEL MANAGEMENT

The Hostel Management team includes Chief Warden (Boys and Girls), Deputy Chief Wardens (s), Wardens(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. Representatives of higher officers, if any, must be forwarded through proper channel.

3. HOSTEL ADMINISTRATION (A.Y. 2024-25)

Kindly see the Appendix-'A'

4. 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 meetings 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, consisting 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 the 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 occasions, some students may be assigned various duties by the Warden (s).

v. The Hostel Supervisor/Asst. Hostel Supervisor shall be responsible for execution of the decisions of the Mess Committee. He will also record all proceedings of the meetings.

vi. The Hostel Supervisor/Asst. Hostel Supervisor shall be responsible for execution of the decisions of the Mess Committee. He will also record all proceedings of the meetings.

vii. A student resident is eligible to be come or remain a MHMC member provided:-

- No disciplinary action has been taken against him by the Institute or hostel authorities
- No outstanding dues against him
- He has not lost any academic year during the course.

viii. 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.

ix. MHMC has the right to remove any student member from the committee, if he is not performing his duties properly.

x. The duties of the MHMCs shall be:

- To ensure 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 members.
- 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.

xi. The MHMC shall ordinarily meet once a month. The meeting shall be organized 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.

xii Any financial matter that affects the mess bill or to be charged/paid by the students/residents should be duly approved by the MHMC.

xiii. MHMC involvement is not required where financial matters/expenditures do not affect the mess bills of the students.

xiv. 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.

5. 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. 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. Students need to pay a 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 the 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.

vi. On production of the receipt to 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/MSc/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 a 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 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/Asst. 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 locked if not using it. Do not keep your room unattended. For any loss of items/belongings, the 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 room in the hostel unless he is allowed to do so by the Chief Warden. In the event of vacating the room. He is required to get a 'No Dues' certificate from the Warden by clearing His 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 the production of a 'No Dues Certificate' from the Warden of the hostel in which He had been previously residing. In case the name of a student is removed from the institute rolls, He 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 firearms, lethal weapons, poisonous things, or intoxicants of any kind in the hostel.

xviii. 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.

xix. Residents should avoid keeping costly items in their rooms.

xx. The residents are not allowed to keep any pets in the hostel premises or private servants.

xxi. The concerned hostel authorities may visit/inspect the rooms of residents any time to ensure proper cleanliness and other discipline-related matters.

xxii. 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).

xxiii. The rooms are being provided with LAN/wi-fi facility for Internet. xxv. Any student who wants to leave the hostel in the middle 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.

6. **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 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, Motorcycle, 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 or as per the guideline.

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 own hands but should report His 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.

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 use 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 the 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 meetings 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 strictly prohibited.

xv. Cooking and consumption of Non-vegetarian food (including egg) is not allowed in the hostel.

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) The Institute is providing good quality meals inside the hostel.

b) In addition, canteens and restaurants are available in the campus.

c) Students should avoid taking meals outside the institute to avoid food poisoning, non-hygiene food, etc.

xix. Students shall not remain absent from their hostels during the 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 the prescribed form in advance stating the reason for leaving and the address of the destination. Hostel students who leave the 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. Students suffering from infectious disease have to leave for medical treatment at a proper clinic/hospital or isolated place.

xxiv. Formation of an association of students on the basis of regions, caste, or creed is not permitted, during their stay in the hostels. If found any students involved in such activities, may be rusticated from Hostel.

7. COMMON ROOM CONDUCTS

i. Each hostel is provided with a common room where the students can play indoor games and listen to 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 purchases will be made as per rules.

8. MESS GUIDELINES

i. Hostel Mess is on a 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 circumstances shall be considered as a gross breach of discipline, inviting strict disciplinary action.

iv. No student is allowed to take meals 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 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.

9. REBATE RULES

a. 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. Rebates can only be granted for two continuous days. No rebate is allowed for only one or two meals.

b. 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 (parent consent will be needed). If due to extraordinary circumstances, a student wants to avail rebate over and above the period mentioned, he will have to seek permission of the Chief Warden.

c. 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 will inform the Warden or mess supervisor to that effect in writing, failing which he may not be served meals.

d. In case any student does not fill in the rebate slip or inform the Warden of his going on rebate in advance, even in the case of leaving the mess or the institute, he shall be liable to pay all mess and other charges applicable to other residents of the hostel.

e. Even though a student is allowed for rebate in the mess, he has to pay maintenance Charges like all electricity bills, establishment, miscellaneous, and other charges, in full.

10. **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 guest to the mess and should inform the mess supervisor accordingly.

iv. The host student will be responsible for the conduct of his 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 the 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 meals in hostels with prior permission from the Chief Warden. 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 will deposit a mess security of Rs. 11000/- (Rs. 5000/- refundable + Rs. 6000/- non-refundable hostel security) in advance. He 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 a 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 the defaulter shall be charged up to ten days after the due date. After this Rs. 50/- per day will be charged for the next ten days. Thereafter meals will not be served to the defaulters.

xiii. In case the arrears of the 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 hostel equally.
- Miscellaneous Charges
- Mess welfare Fund
- Any other charges as recommended by the MHMC and approved by the Chief Warden.

11. 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.

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

i. The eligible applicants will have to submit the information as per format given in Appendix-C & D

ii. Electricity charges as per the actual consumption will be equally distributed among the residents.

iii. Rs. 5,000/- per month will be charged as hostel maintenance w.e.f. 01 January, 2023

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 a 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 sisters, 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 the room is valid only for one semester; one has to apply for the accommodation afresh if required. However, regular students can stay until their course/program duration.

ix. The electricity bill as per the actual consumption of the 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) needs to be deposited at the time of occupancy in the 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 residents 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 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 firearms, 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 cases strict disciplinary action will be taken against the offender.

xix. Drinking & smoking is not allowed in the hostel premises.

xx. Outsiders are not allowed in the hostel premises without the permission of the 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 rules & 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, the decision of the Chief Warden will be final.

13. **RULES AND REGULATION FOR THE GUEST ACCOMMODATION**

i. Requests for booking of Guest rooms should reach Chief Warden 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 or any other person called by him. He 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 a maximum of 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 requestor's identity (The requestor must be regular faculty/students) or the form should be recommended by the corresponding warden, HOD.
2. Aadhar/any photo Id proof of all the guests. (Self-attested photocopy).

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

14. **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 the concerned hostel may request the 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 create 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 the 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 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 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 viewpoint. After the decision is conveyed to the resident, he may request the Chief Warden for its review. The mercy appeal for pardon, remission, commutation, reprieve, and respites shall be with the Director.

15. **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 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 parents.

vii. May be asked to make good any loss individually or jointly.

viii. May be expelled from the hostel temporarily or permanently.

ix. The case may be referred to the Institution Board of Discipline/Police.

16. **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.

17. UGC REGULATIONS FOR ANTI-RAGGING MEASURES

Kindly refer the Appendix-F

APPENDIX-A

BOYS HOSTELS

The detail of the boys' hostels is as given bellow:

Chief Warden Dr.J K Kapoor, Professor, Chemistry Department.

Deputy Chief Wardens:- Dr. Y.Dwivedi, Assistant Professor, Physics
Dr.MohitDua, Assistant Professor, Computer Engg.

H. No.	Hostel Name	Wardens	Mob No.
1	Abhimanyu Bhawan	Dr. M. Senthil Kumar	9896004119
		Dr. Vishwas Rathi	7206459682
2	BhishmaBhawan	Dr. Kapil Gupta	9729365341
		Dr. R.P. Singh	7206227623
3	ChakradharBhawan	Dr. Gaurav Verma	9896087178
		Dr. Rajesh Sharma	7404433060
4	DronacharyaBhawan	Dr. BhanuPratap	9416158283
		Dr. Ravi Pratap Singh	
5	EklavyaBhawan	Dr. Pankaj Munjal	9896435214
		Dr. Amilan Jose D	7206169697
6	FanibhushanBhawan	Dr. Anoop Kumar Patel	9896306873
		Dr. Sushil Kumar	8607283446
7	GirivarBhawan	Dr. Rahul Sharma	9729364437
		Dr. Dilbagh Panchal	7404342038
8	HariharBhawan	Dr. Shivam	9896119710
		Dr. Dharmendra Singh Yadav	8950461132
9	IndivarBhawan	Dr. Gaurav Saini	9466588448
		Dr. Vikram Singh	8950213608
10	VisvesvarayaBhawan	Dr. Amit Kumar	9896103634
		Dr. Dinesh WasudeoRathod	8950213541
		Dr. V.G. Durgarao Rayudu	8295577722
		Dr. Parveen Kumar	7037227452
11.	Vivekananda Bhawan	Dr. Shashi Bhushan Singh	8950214329
		Dr. Pradeep	8950213541

Hostel Name	Wardens	Department	Mob. No.
Alaknanda Bhawan	Dr.Poonam Jindal	Electronics &Comm Engg	9466620527
	Dr.Niyati Baliyan	Computer Engg	8800618224
Bhagirathi Bhawan	Dr.Shabnam	H&S	9416957887
	Dr.Yogita	Computer Engg	9646837469
Cauvery Bhawan	Dr.Priyanka Ahlawat	Computer Engg	9034996998
	Dr. Ghanapriya Singh	Electronics &Comm Engg	9068289740
Kalpana Chawala Hostel	Dr.Ritu Garg	Computer Engg	9416158769
	Dr.Bharti Sinha	Computer Engg	9729063343

APPENDIX-B

HOSTEL CHARGES (MESS, ELECTRICITY ETC.) AND PAYMENT INSTRUCTIONS

The candidates will be allotted hostel at the time of physical reporting and will be required to pay the following hostel charges (to be deposited in the respective hostel account).

1. **Documents required for Hostel Allotment**
   a) Self-Attested copy of the Admission Letter issued by NIT Kurukshetra after physical reporting
   b) Self-Attested copy of Aadhaar Card/Passport/Citizenship Card
   c) Self-Attested copy of Aadhaar Card/Passport/Citizenship Card of the Parents (Mother or Father/Guardian in case parents are not alive.
   d) Two recent Passport size color photographs
2. **Venue for hostel allotment**
   For Boy's Hostels: Office of ChakradharBhawan (Hostel no. 3)
   For Girl's Hostels: Office of Cauvery Bhawan
3. **Hostel Mess & Other Charges (For Boy's and Girl's Hostels)**
   a) Hostel Security (Non-Refundable): **Rs. 6000/- (One time)**
   b) Hostel Mess Advance per semester: **Rs. 30,000/-**
   (to be adjusted against actual Mess Bill & Misc. Charges on monthly basis)
   c) Electricity Advance per semester :**Rs. 4500/-**
   (to be adjusted as per actual electricity charges on monthly basis)
4. **Mode of Payment**
   a) **For Boy's Hostels**

Through Net Banking in the account of **WARDEN ABHIMANYU BHAWAN H-1 NIT KURUKSHETRA**

OR

Through Demand Draft in favour of **WARDEN ABHIMANYU BHAWAN H-1 NIT KURUKSHETRA**

Bank A/C Details:

Bank Name & Branch: State Bank of India, NIT Kurukshetra, Haryana, 136119

Account Number: 34650475620 IFSC Code: SBIN0006260

b) **For Girl's Hostels**

Through Net Banking in the account of **WARDEN BHAGIRATHI BHAWAN**

OR

Through Demand Draft in favour of **WARDEN BHAGIRATHI BHAWAN**

Bank A/C Details:-

Bank Name & Branch: State Bank of India, NIT Kurukshetra, Haryana, 136119

Account Number: 35219886773 IFSC Code: SBIN0006260

5. **Hostel Contact Details (During office hours)**

For Boy's Hostels: Please report to office Hostel No. 3 for hostel fee submission and hostel allotment.

Boy Hostel No. 1 (Abhimanyu Bhawan)	Hostel Supervisor (9996019632)
Boy Hostel No. 2 (Bhishma Bhawan)	Hostel Supervisor (9896171966)
Boy Hostel No. 3 (Chakradhar Bhawan)	Hostel Supervisor (9991915145)
Boy Hostel No. 6 (Fanibhushan Bhawan)	Hostel Supervisor (9671987198)

For Girl's Hostels: Please report to office of Cauvery Bhawan for hostel fee submission and hostel allotment.

Girl Hostel (Cauvery Bhawan)	Hostel Supervisor (9729440048)

APPENDIX-C

A-BLOCK(Family Accommodation)

1. Name_____RollNo_____DOB_____
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)

ForHostelOfficeUseonly

1. Hostel fee deposited through:Transaction ID/Cheque no_____
2. Amount_____Dated_____Drawee Bank_____
3. Mode of Payment_____
4. Remarks_____

HostelSupervisor Warden Warden

Annexure-D

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

Details of Member 1

Name_____ Age_____

Relation with allottee_____

Mobile No: 1) _____

If working, then job post and office address _____

_____

Proof of relationship _____

I D Proof _____

Details of Member 2

Name_____ Age_____

Relation with allottee_____

Mobile No: 1) _____2) _____

If working, then job post and office address _____

_____

Proof of relationship _____

I D Proof _____

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Details of Member 3

Name_____ Age_____

Relation with allottee_____

Mobile No: 1) _____2) _____

If working, then job post and office address _____

_____

Proof of relationship _____

I D Proof _____

Annexure-E

VIVEKANANDA BHAWAN (HOSTEL NO-11)

REQUEST FOR ACCOMODATION IN GUEST ROOM BLOCK-A

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

Through Chief Warden/Deputy Chief Warden (Boys 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 of Requester……**

Name …… Designation ……Deptt……

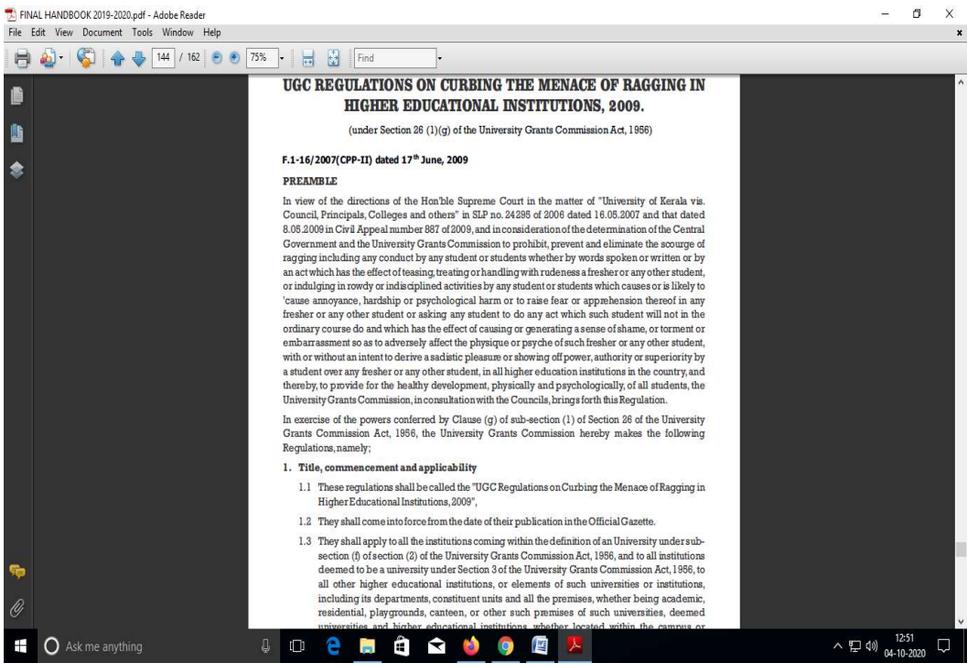
(Kindly see the rules & regulations over leaf)

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**

NIT KURUKSHETRA 172



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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 17th 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

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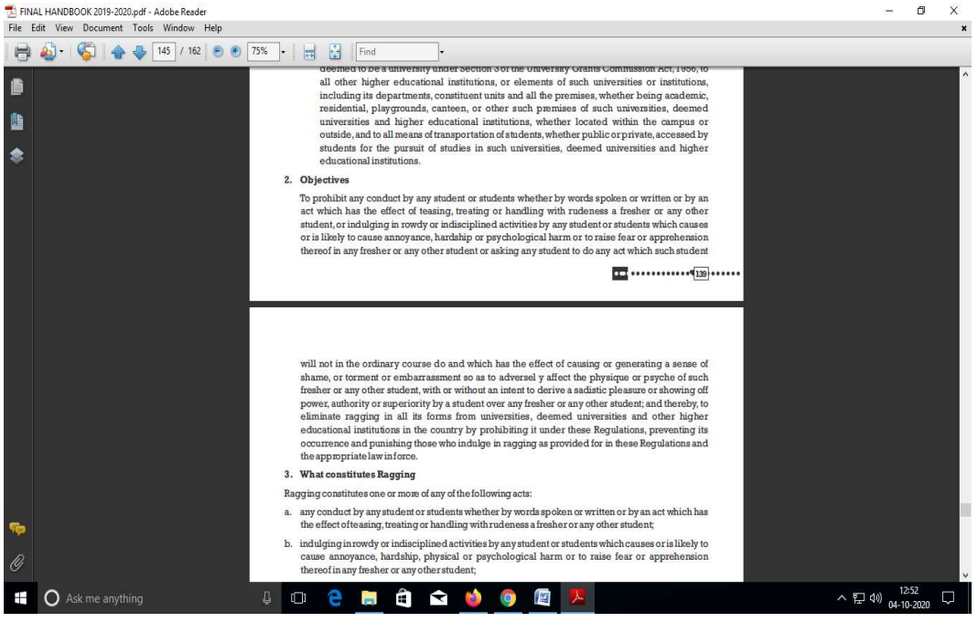

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deemed to be a university under Section 3 of the University Grants Commission Act, 1956, to all other higher educational institutions, or elements of such universities or institutions, including its departments, constituent units and all the premises, 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

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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 adversel y 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;

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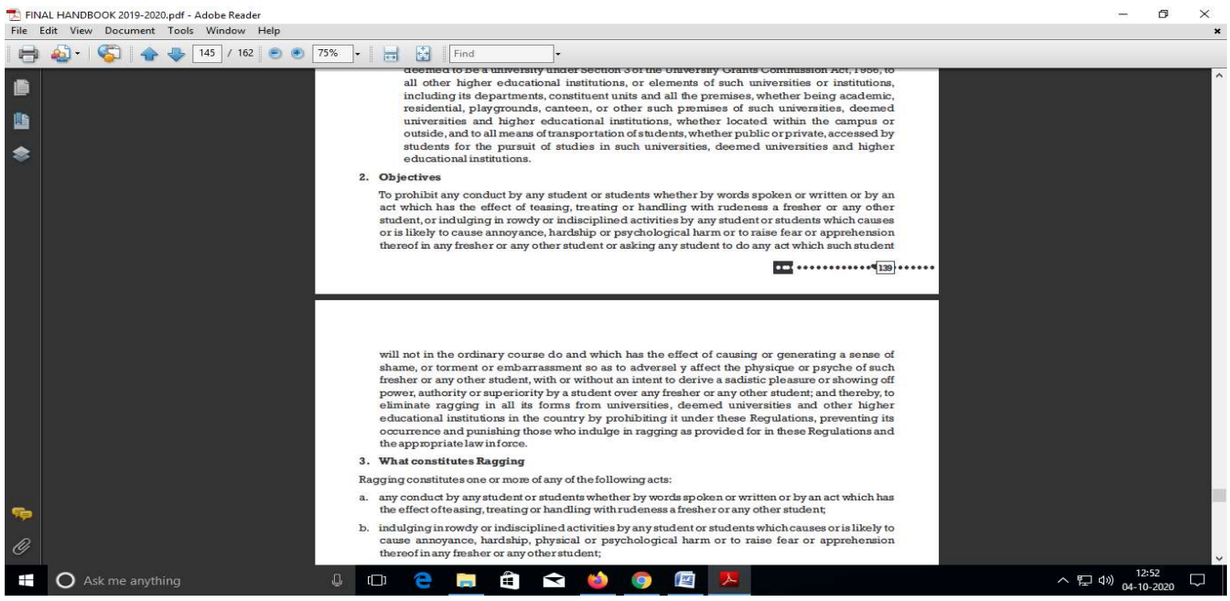
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all other higher educational institutions, or elements of such universities or institutions, including its departments, constituent units and all the premises, whether being academic, residential, playgrounds, canteen, or other such premises of such 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
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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 adversel y 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.
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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;
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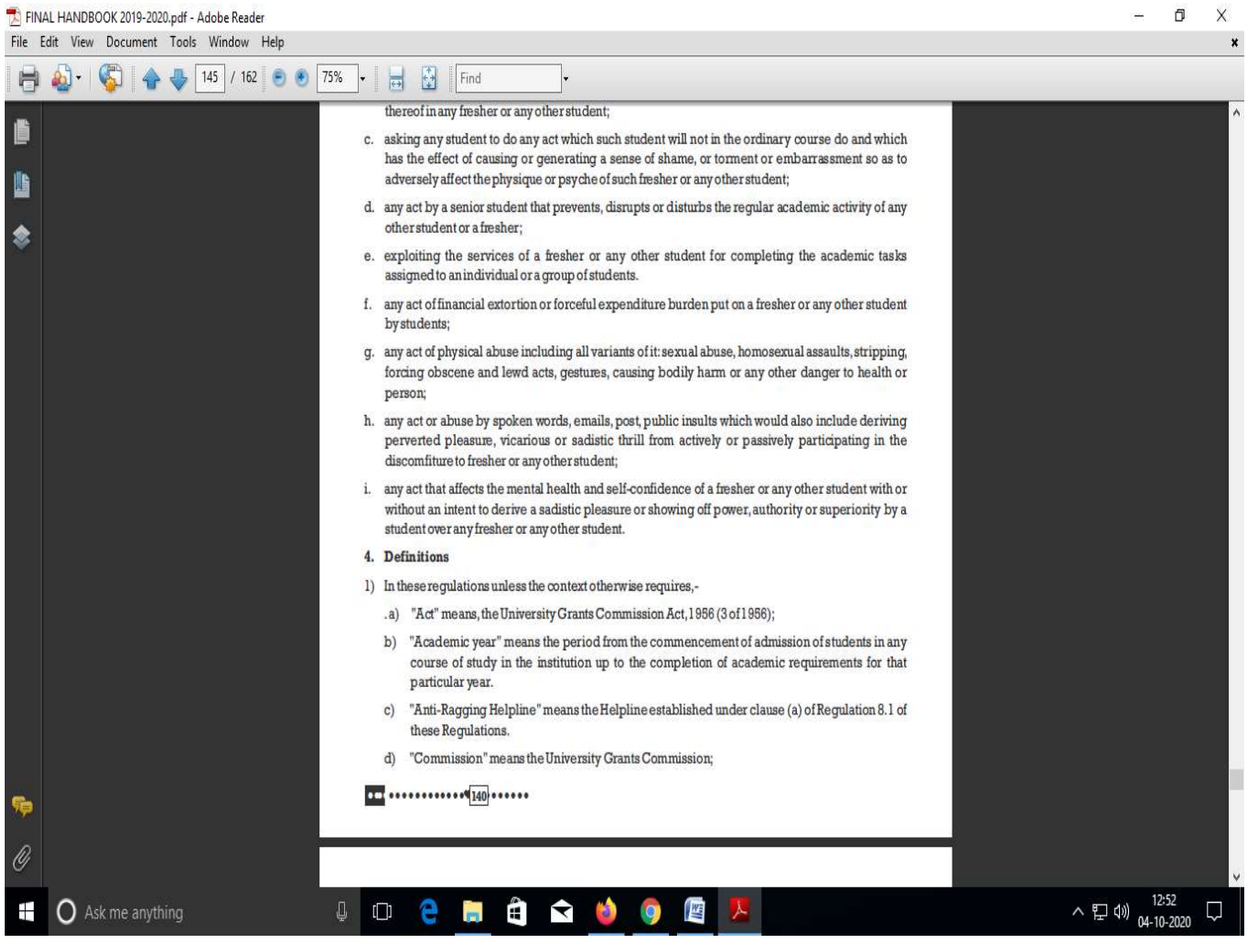
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thereof in any fresher or any other student;
c. asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely 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;
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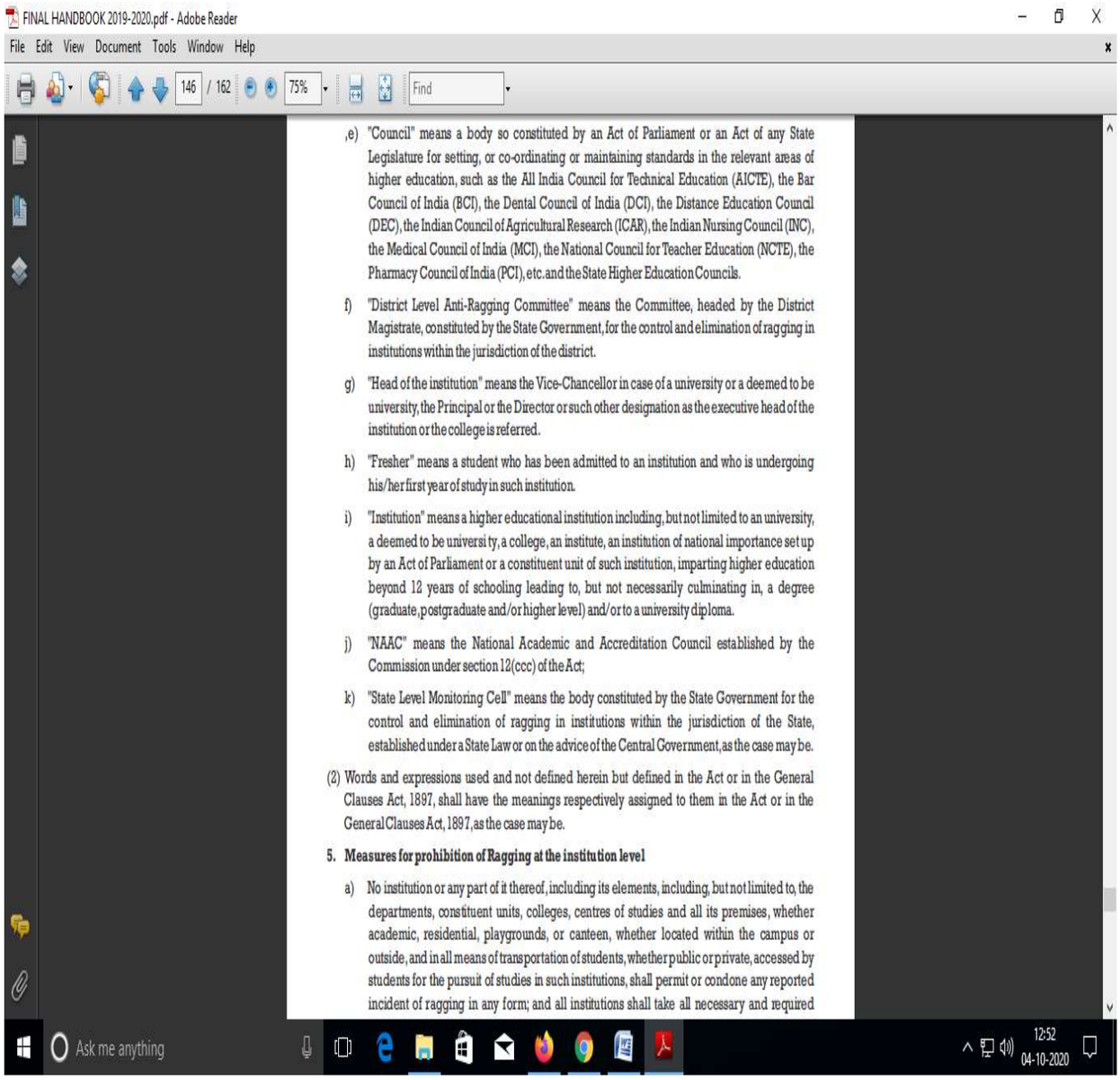


,e) "Council" means a body so constituted by an Act of Parliament or an Act of any State Legislature for setting, or co-ordinating or maintaining standards in the relevant areas of higher education, such as the All India Council for Technical Education (AICTE), the Bar Council of India (BCI), the Dental 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 universi ty, 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.

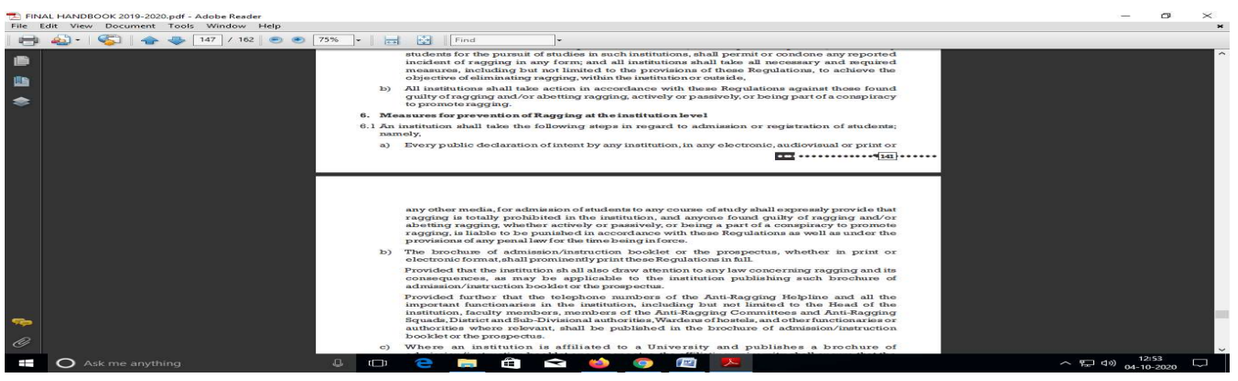
j) "NAAC" means the National Academic and Accreditation Council established by the Commission under section 12(ccc) of the Act;

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



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

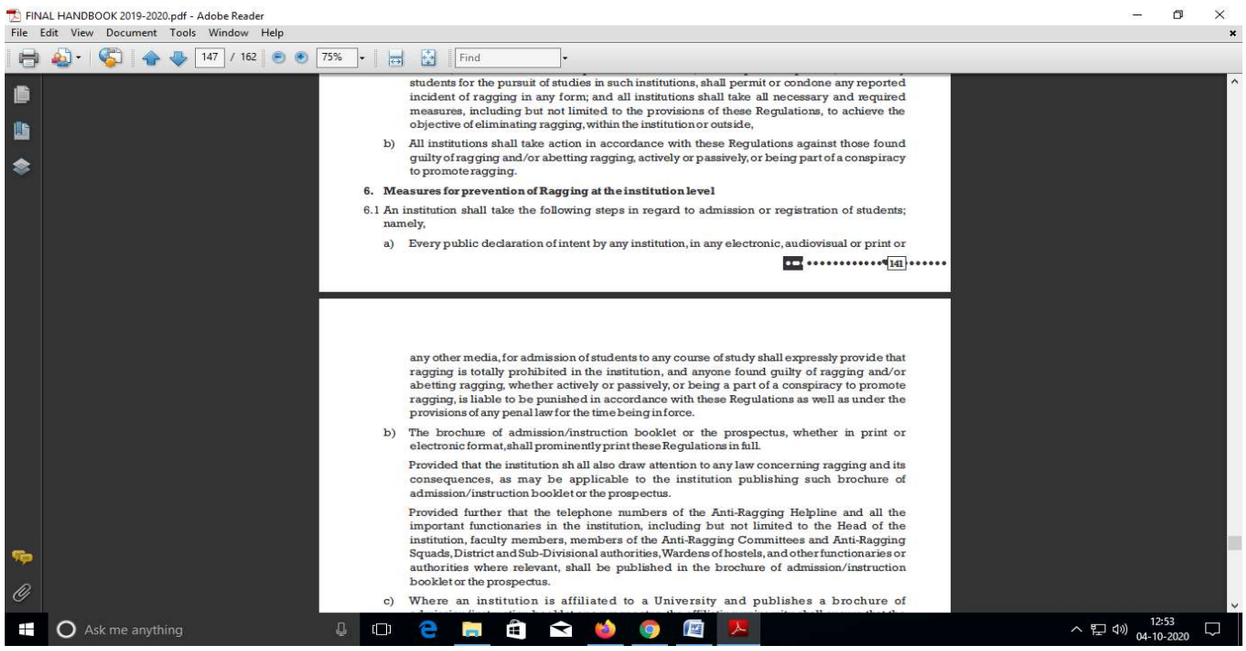
any other media, for admission of students to any course of study shall expressly provide that ragging is totally prohibited in the institution, and anyone found guilty of ragging and/or abetting ragging, whether actively or passively, or being a part of a conspiracy to promote ragging, is liable to 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 sh all 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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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
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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.
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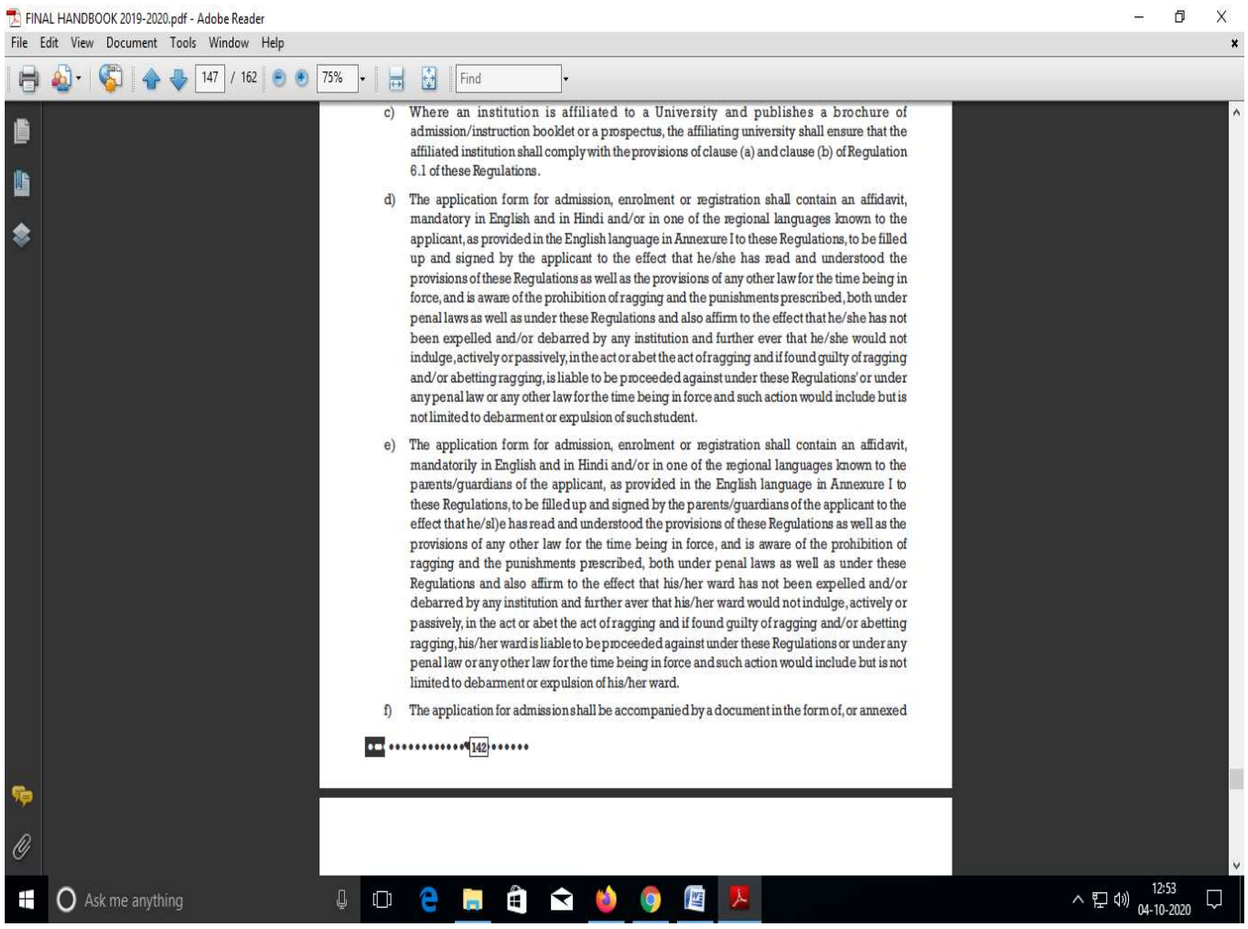
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c) Where an institution is affiliated to a University and publishes a brochure of admission/instruction booklet or a prospectus, the affiliating university shall ensure that the affiliated institution shall comply with the provisions of clause (a) 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/sl)e 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
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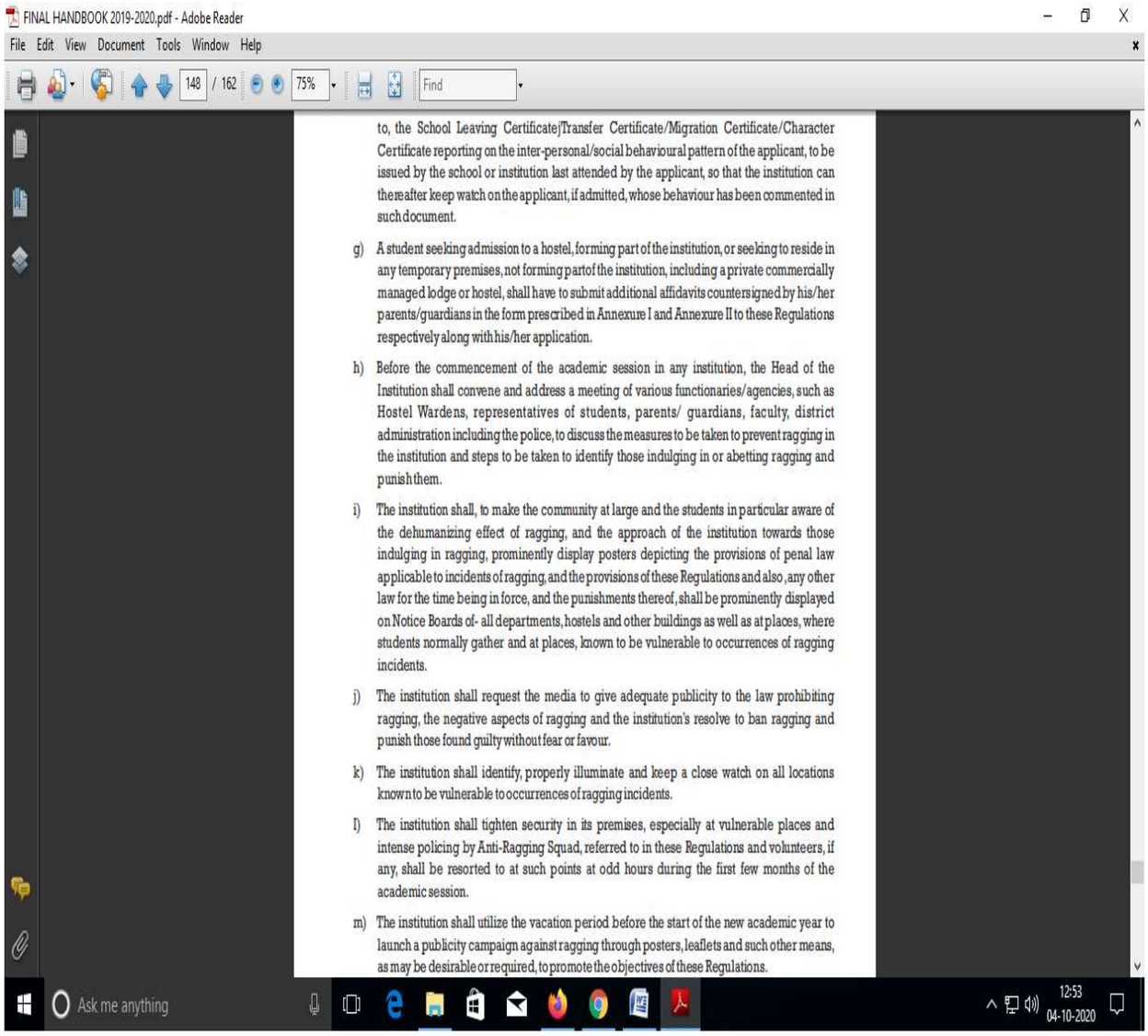
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to, the School Leaving Certificate/Transfer Certificate/Migration Certificate/Character Certificate reporting on the inter-personal/social behavioural pattern of the applicant, to be issued by the school or institution last attended by the applicant, 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 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.

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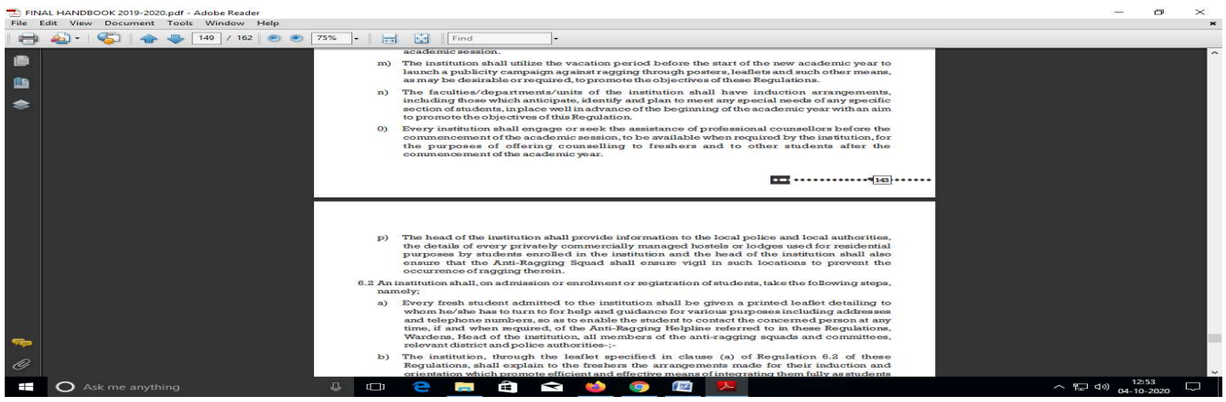
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m) The institution shall utilize the vacation period before the start of the new academic year to launch a publicity campaign against ragging through posters, leaflets and such other means, as may be desirable or required, to promote the objectives 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.

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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

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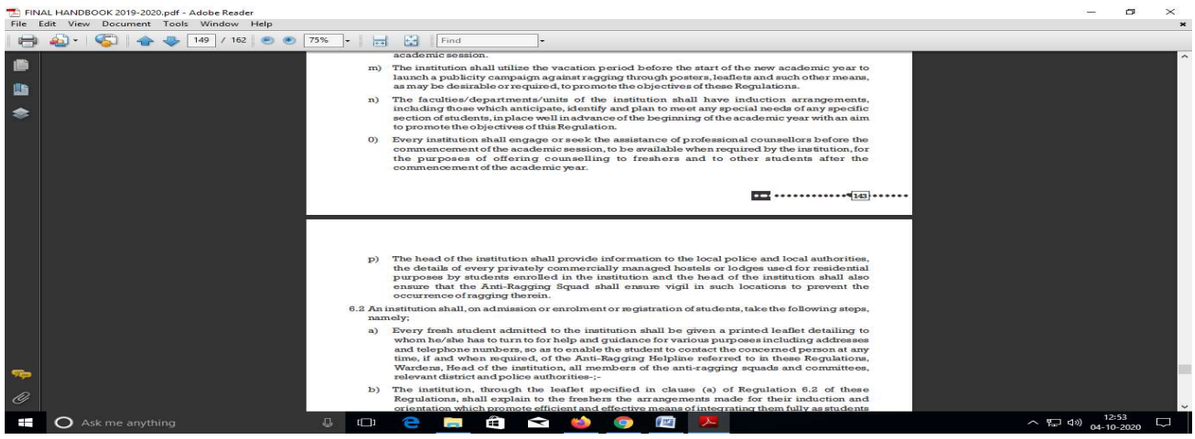
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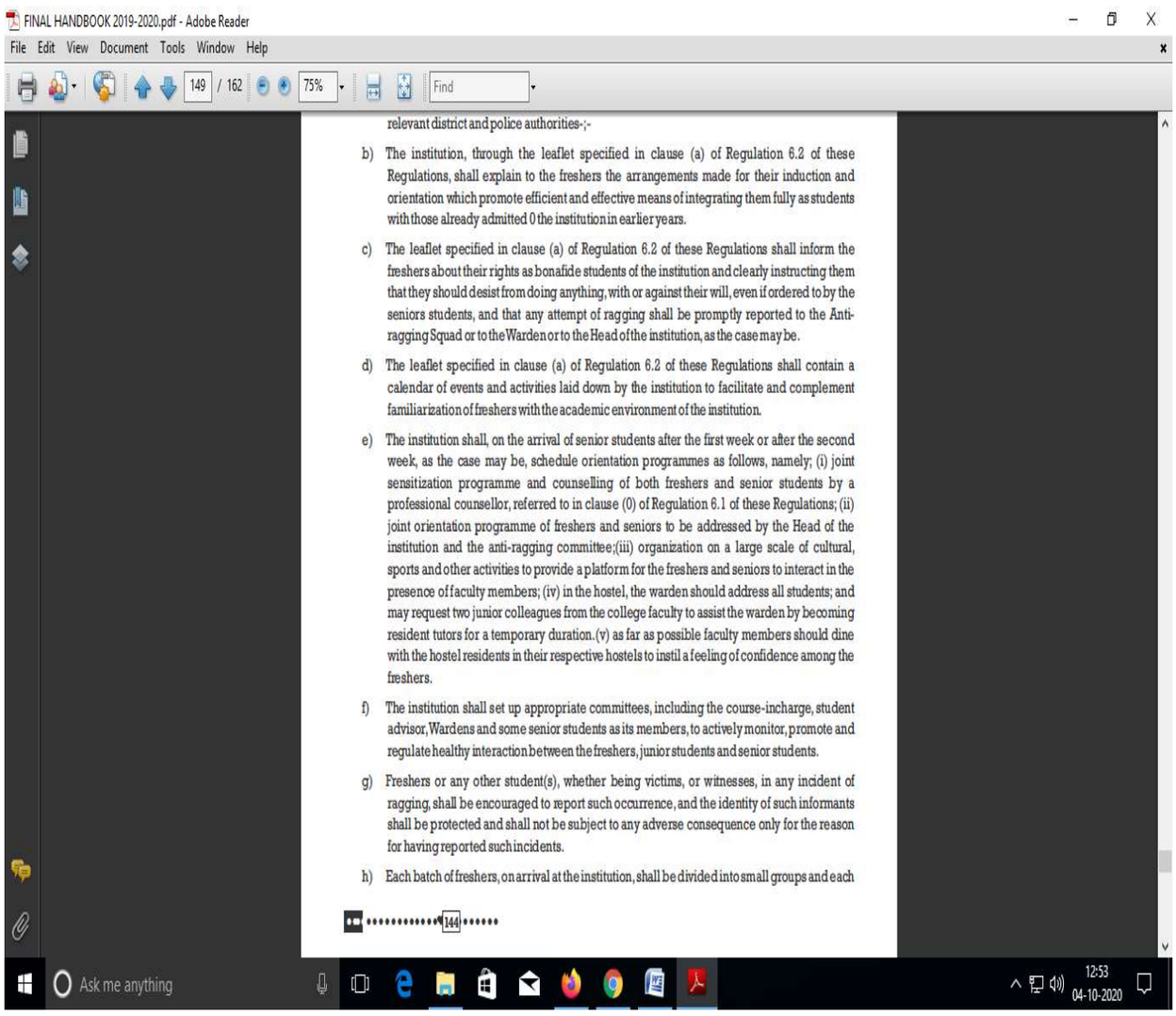
relevant district and police authorities-;-

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 0 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-incharge, 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

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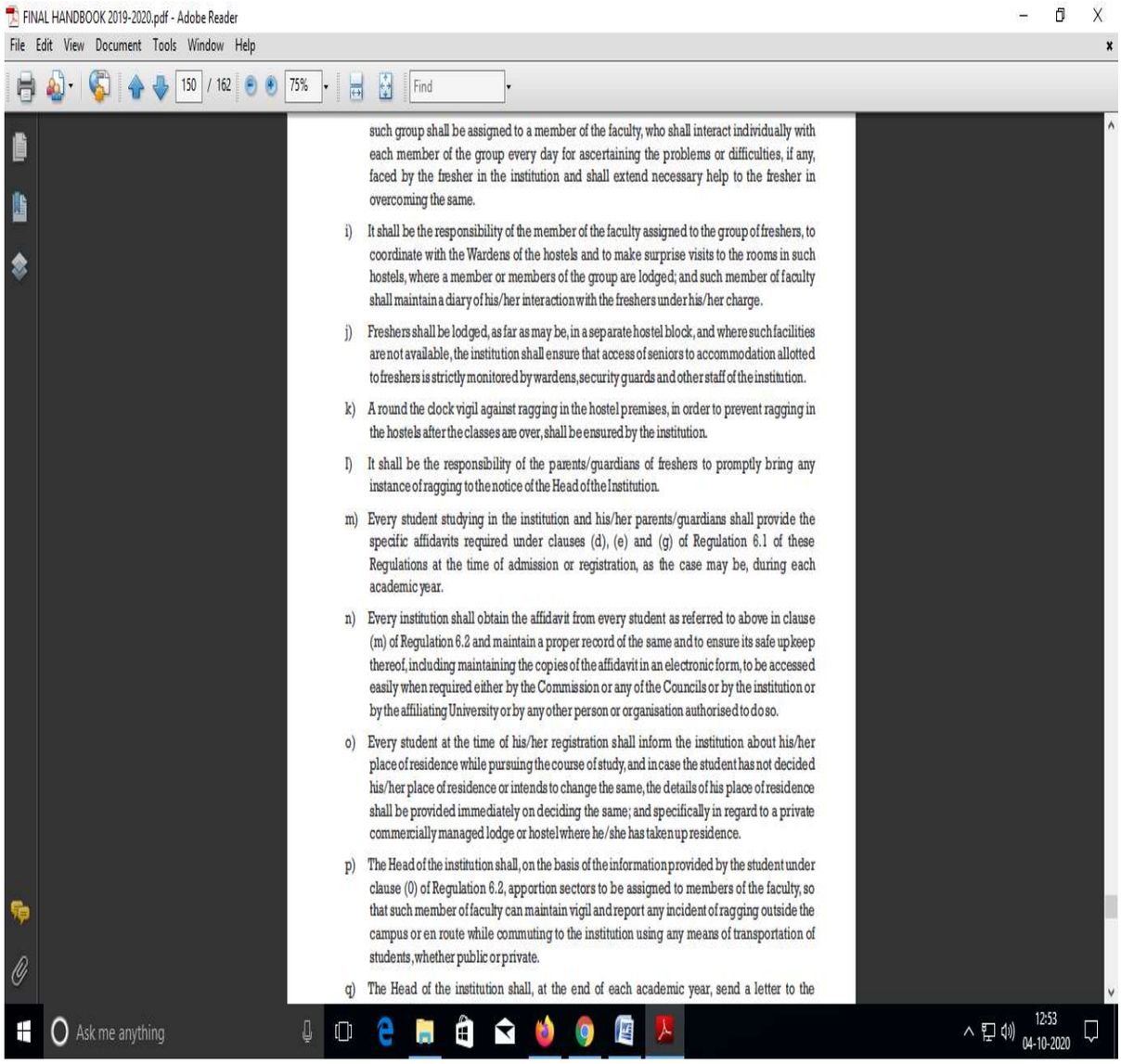
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such group shall be assigned to a member of the faculty, who shall interact individually with each member of the group every day for ascertaining the problems or difficulties, if any, faced by the fresher in the institution and shall extend necessary 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

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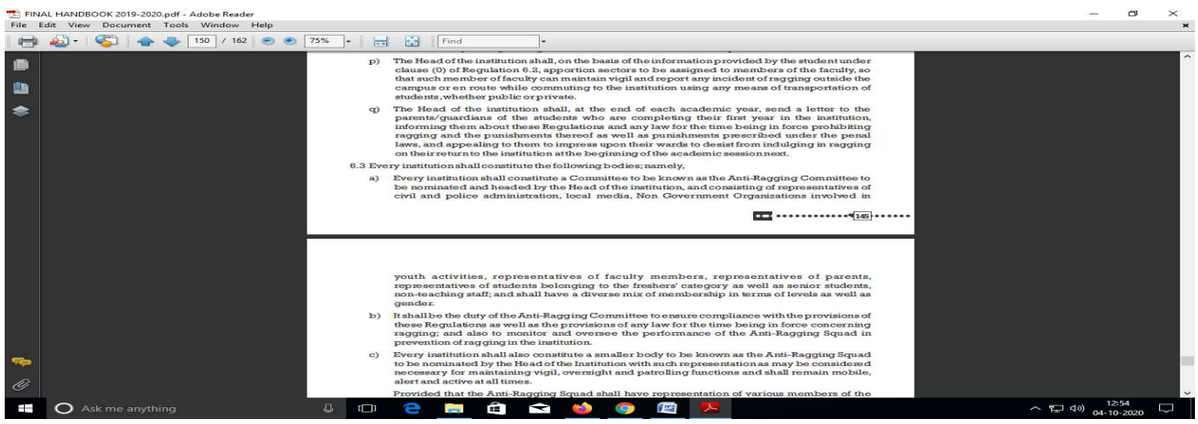
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q) The Head of the institution shall, at the end of each academic year, send a letter to the parents/guardians of the students who are completing their first year in the institution, informing them about these Regulations and any law for the time being 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

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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

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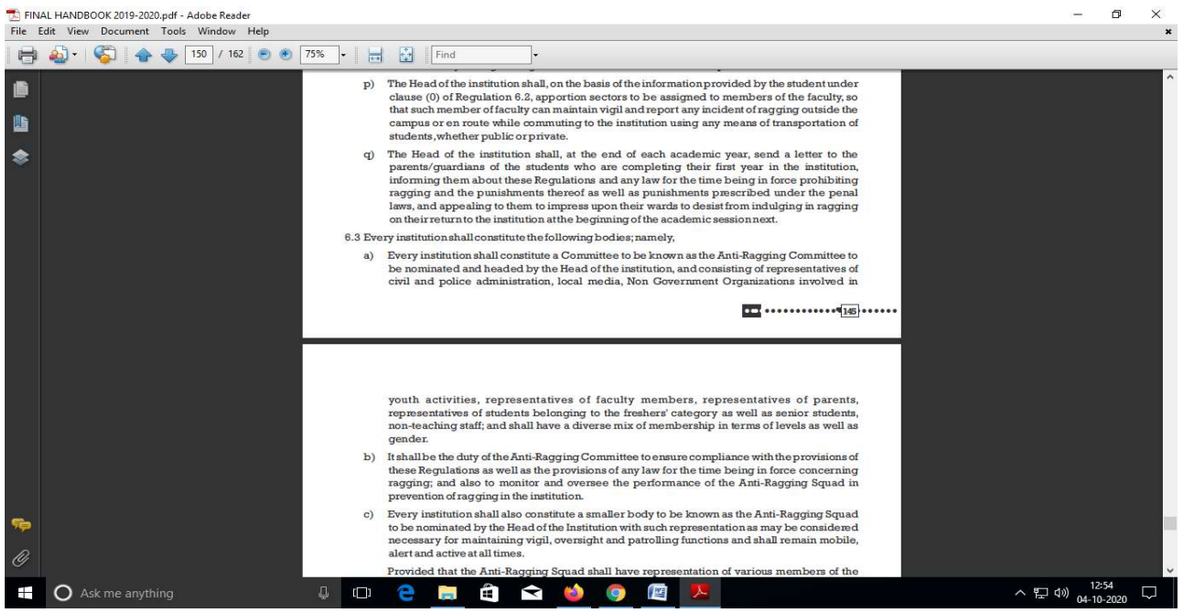
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b) It shall be the duty of the Anti-Ragging Committee to ensure compliance with the provisions of these Regulations as well as the provisions of any law for the time being in force concerning ragging; and also to monitor and oversee the performance of the Anti-Ragging Squad in prevention of ragging in the institution.
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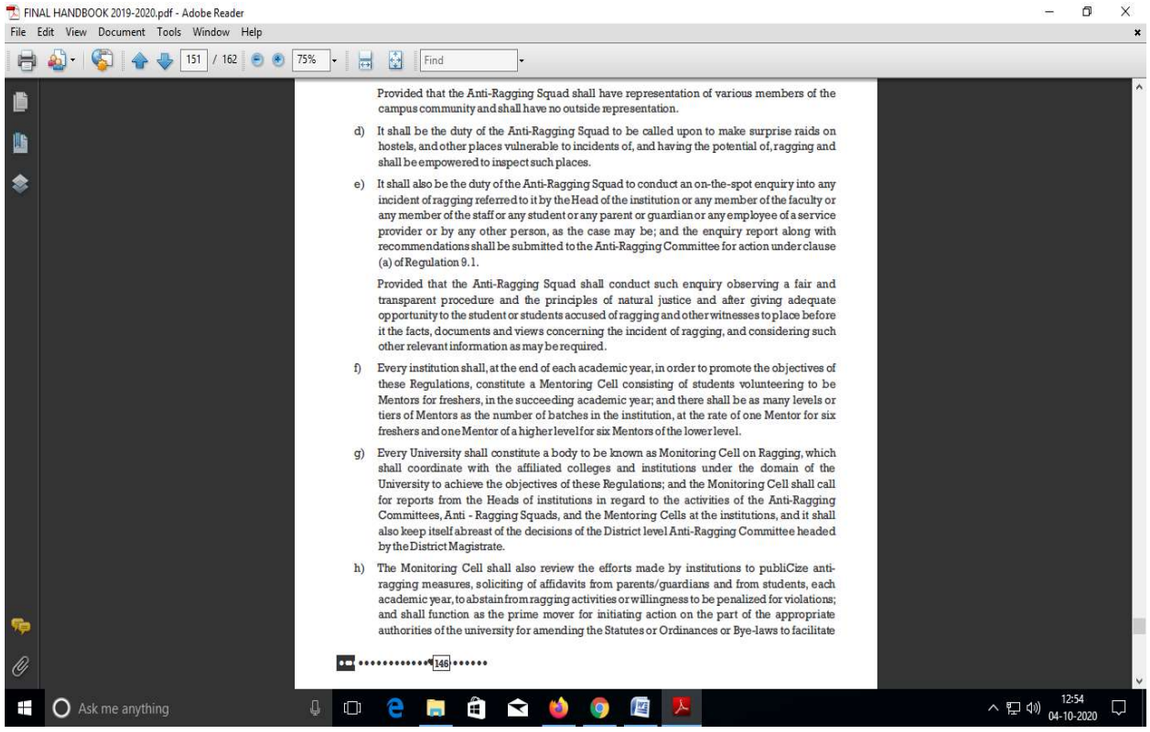
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Provided that the Anti-Ragging Squad shall have representation of various members of the campus community and shall have no outside representation.
d) It shall be the duty of the Anti-Ragging Squad to be called upon to make surprise raids on hostels, 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
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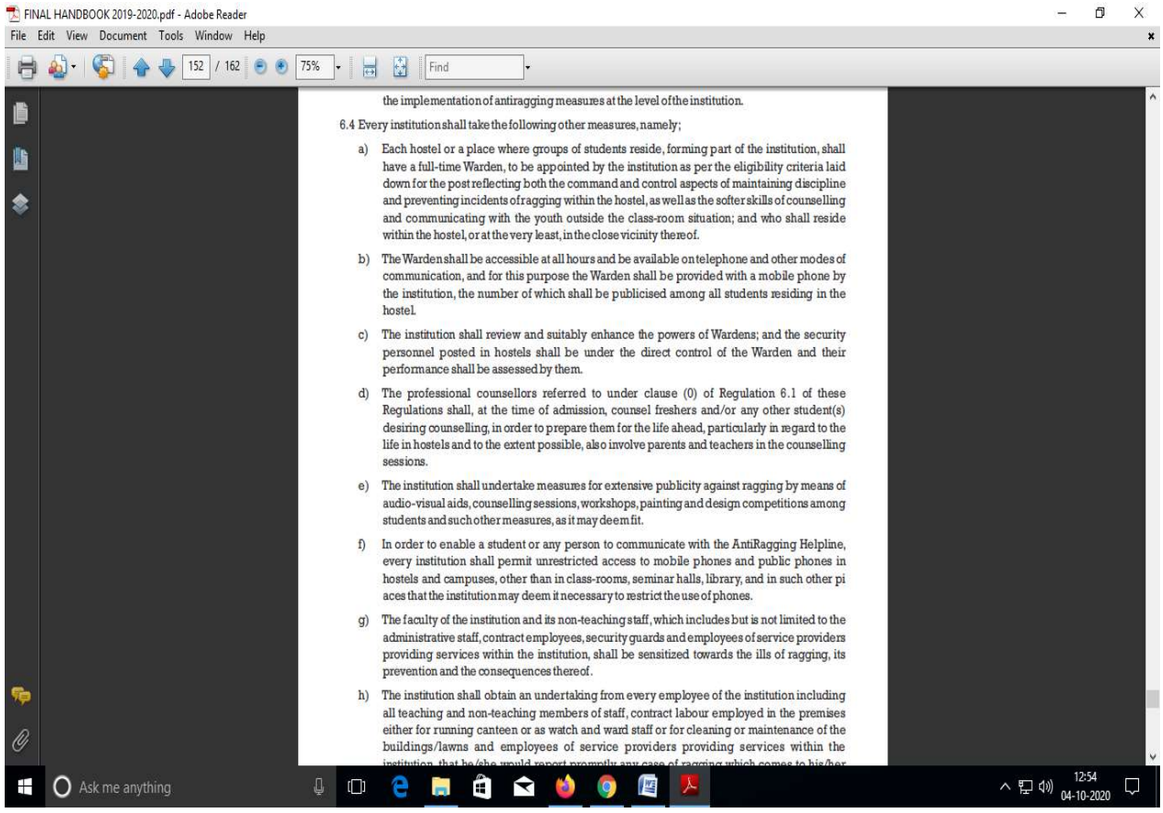
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the implementation of antiragging measures at the level of the institution.
6.4 Every institution shall take the following other measures, namely;
a) Each hostel or a place where groups of students reside, forming part of the institution, shall have 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 pi aces 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
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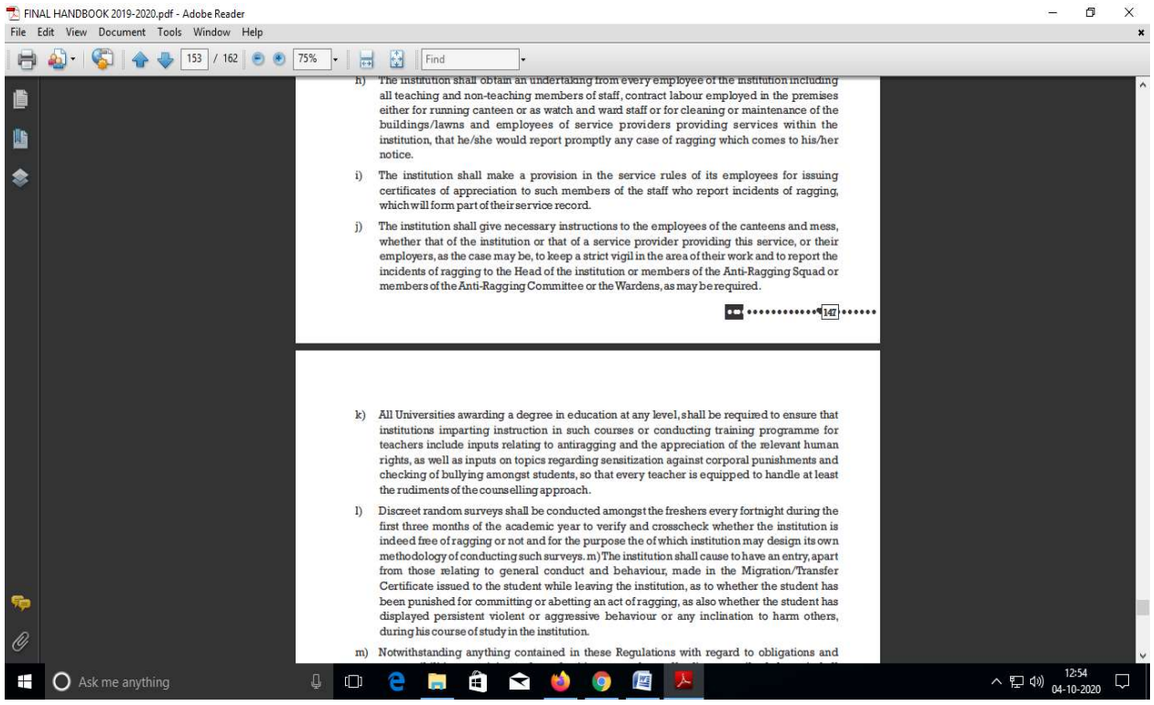
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h) The institution shall obtain an undertaking from every employee of the institution including all teaching and non-teaching members of staff, contract labour employed in the premises either for running canteen or as watch and ward staff or for cleaning 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.
147
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
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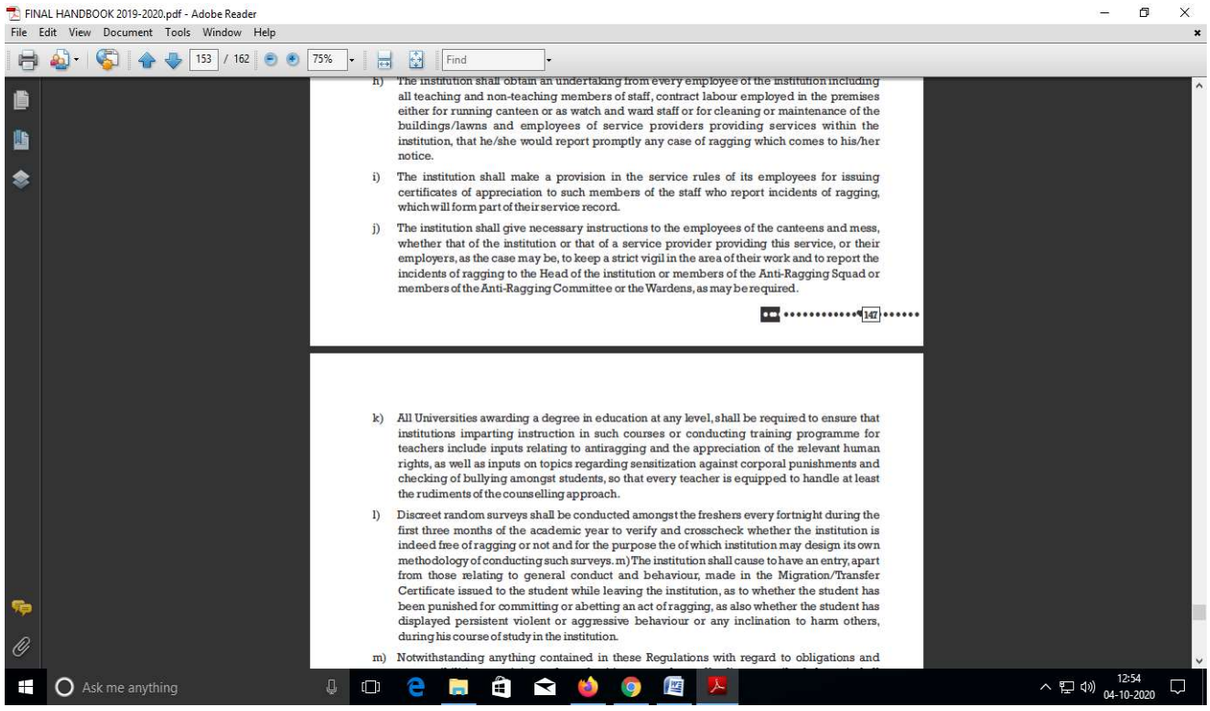
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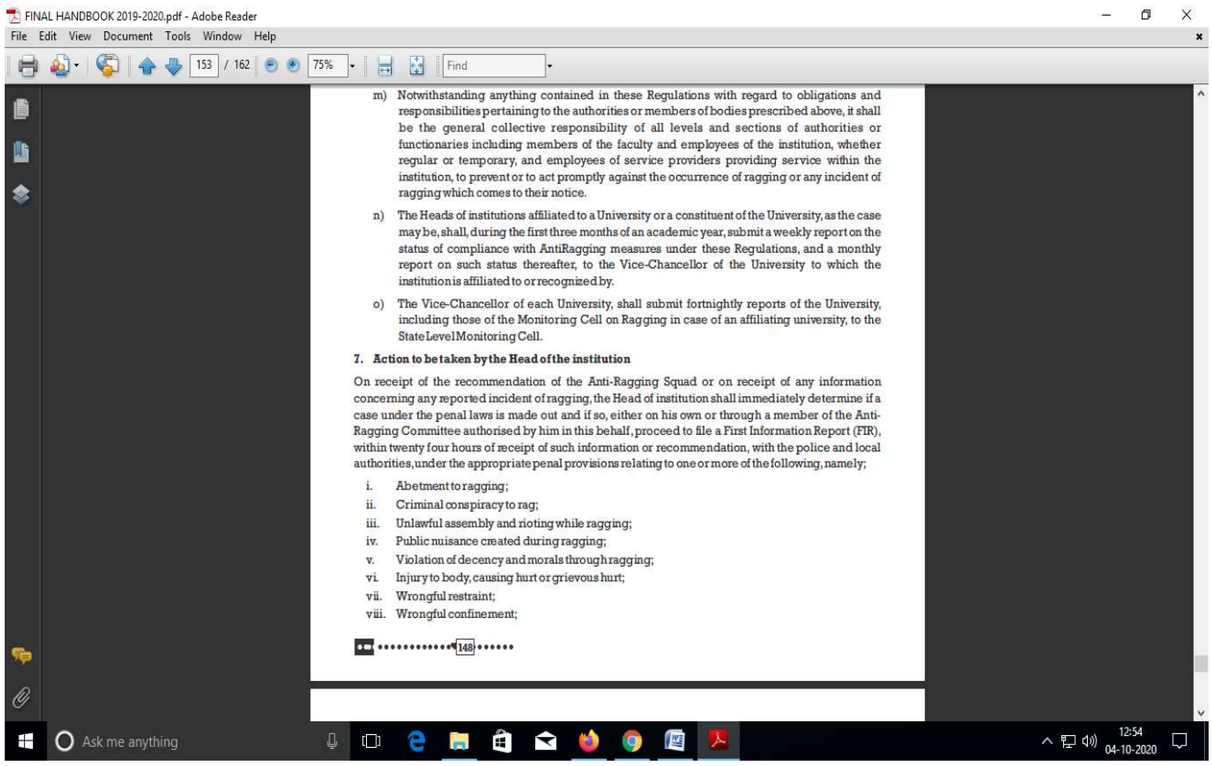
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m) Notwithstanding anything contained in these Regulations with regard to obligations and responsibilities pertaining to the authorities or members of bodies prescribed above, it shall be the general collective responsibility of all levels and sections 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;

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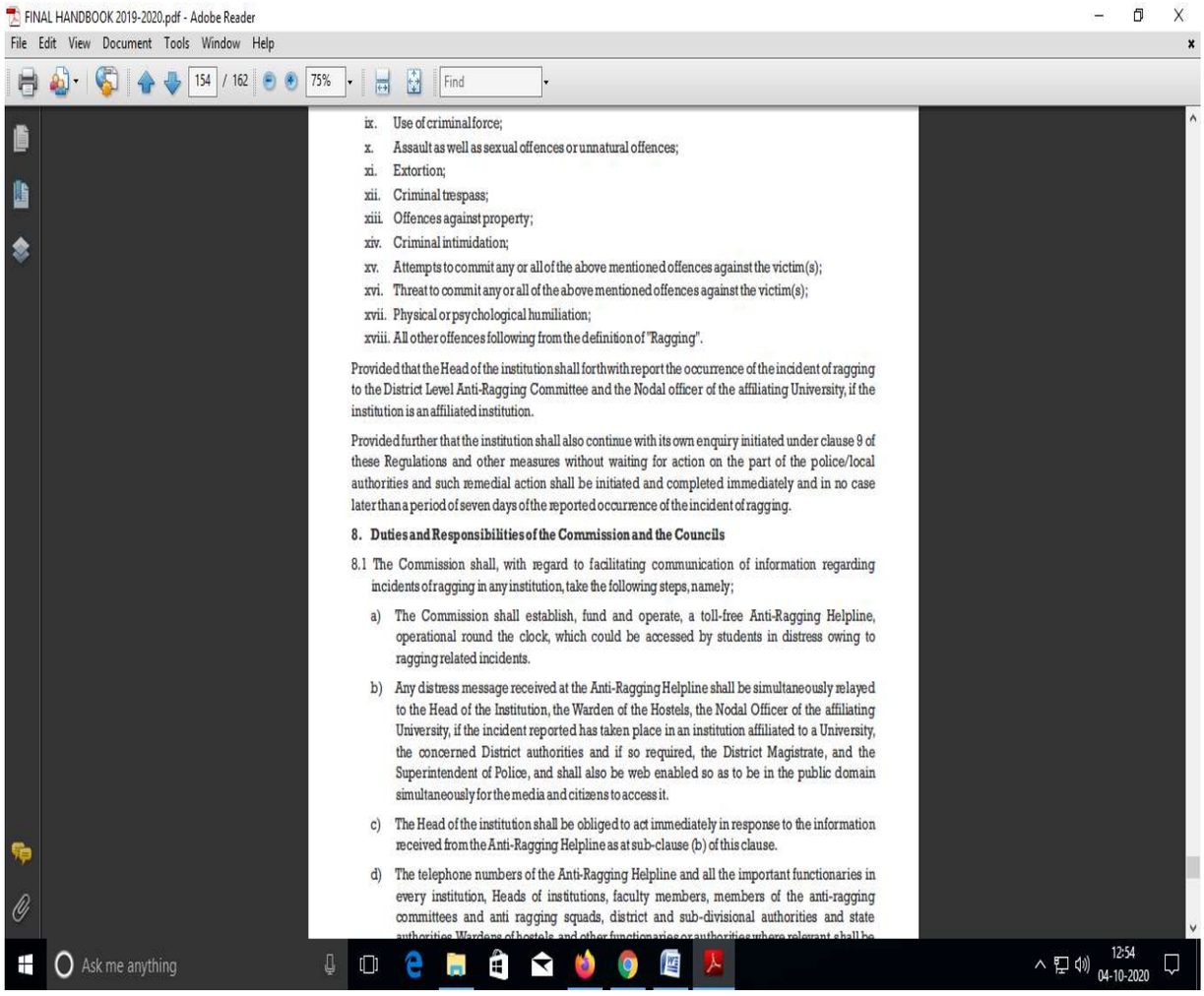
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ix. Use of criminal force;

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

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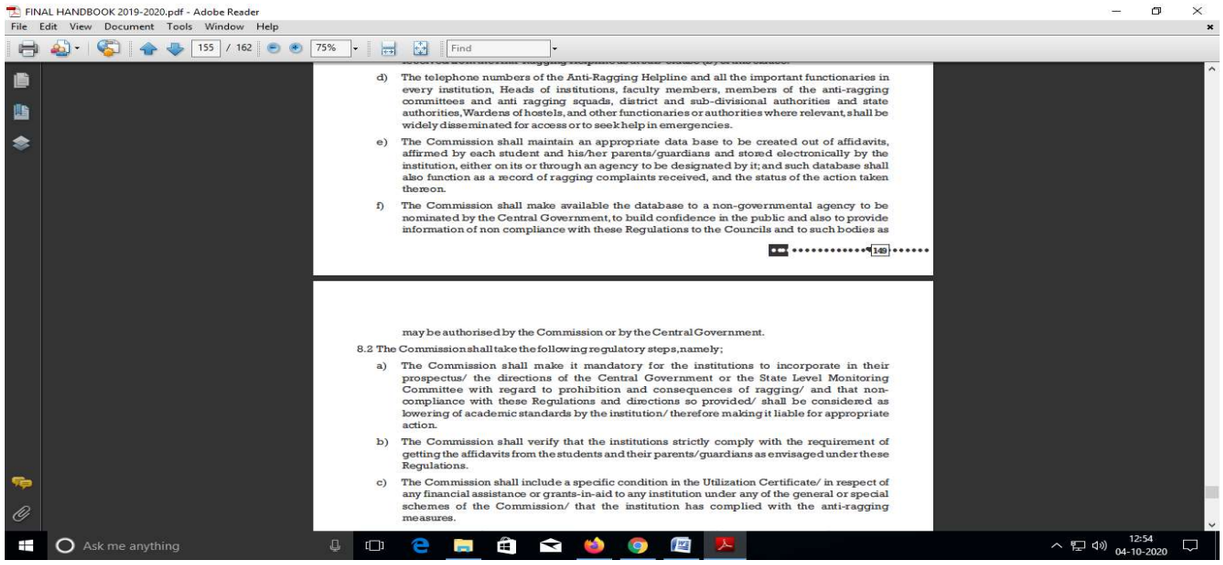
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e) The Commission shall maintain an appropriate data base to be created out of affidavits, affirmed by each student and his/her parents/guardians and stored electronically by the institution, either on its or through an agency to be designated by it; 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

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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.

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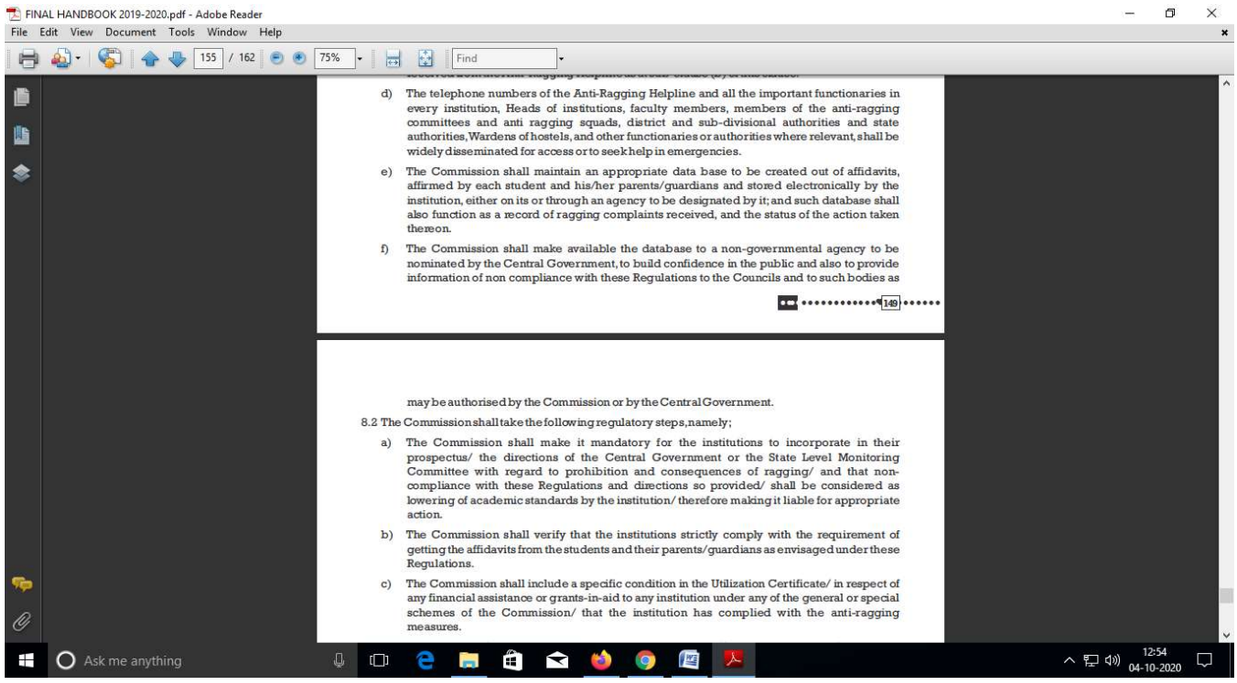
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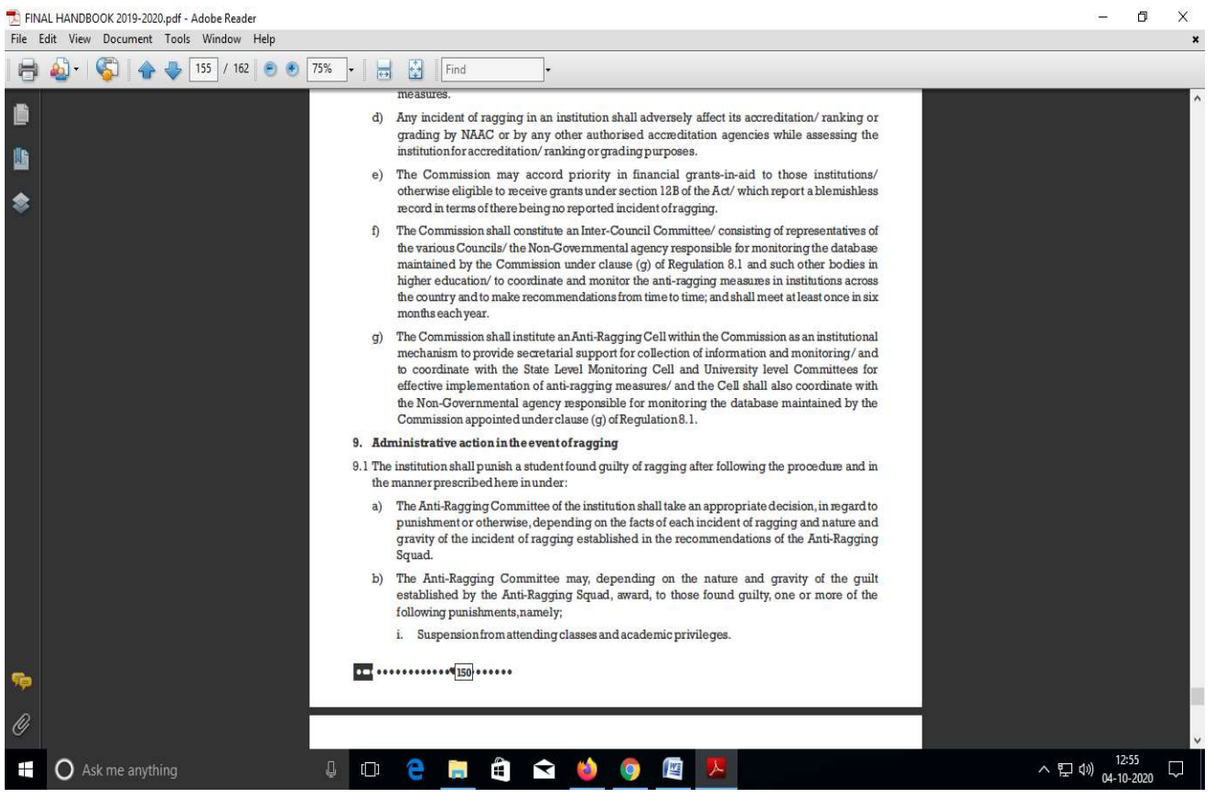
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measures.

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.

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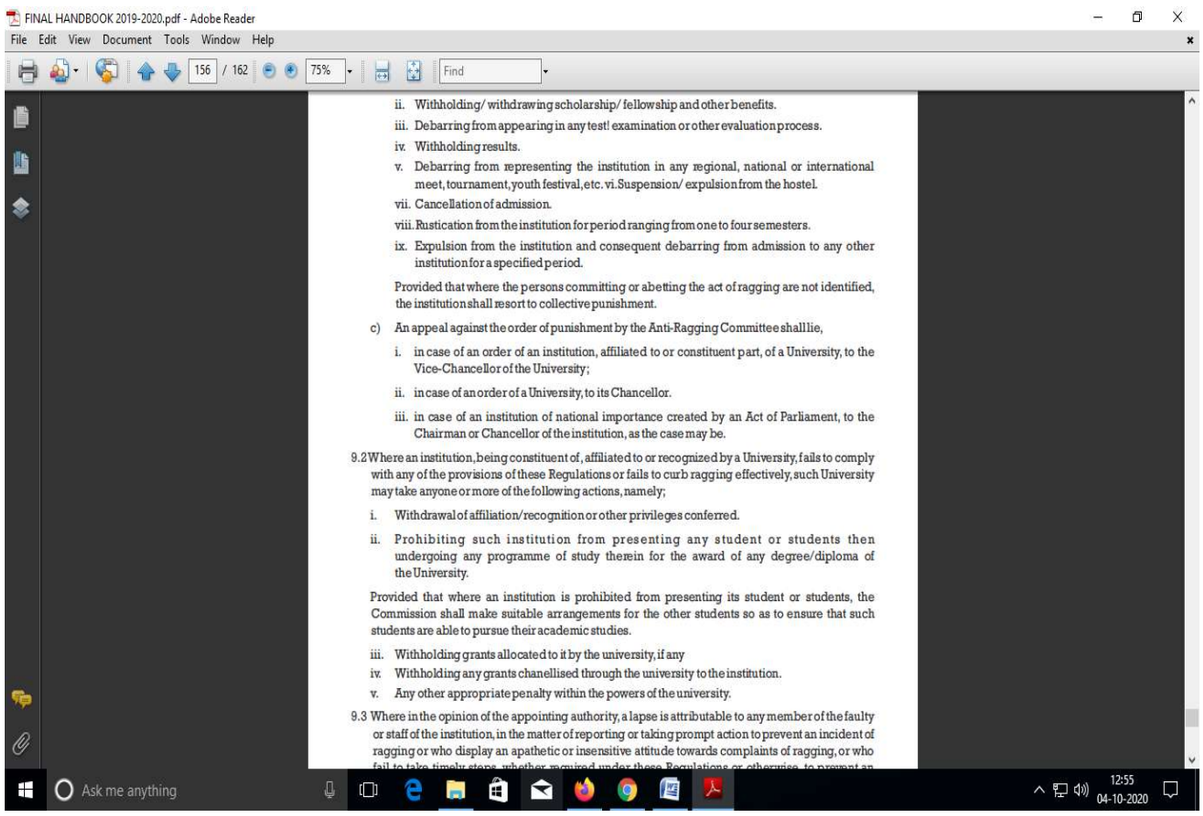


ii. Withholding/ withdrawing scholarship/ fellowship and other benefits.
iii. Debarring from appearing in any test/ examination or other evaluation process.
iv. Withholding results.
v. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, 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;

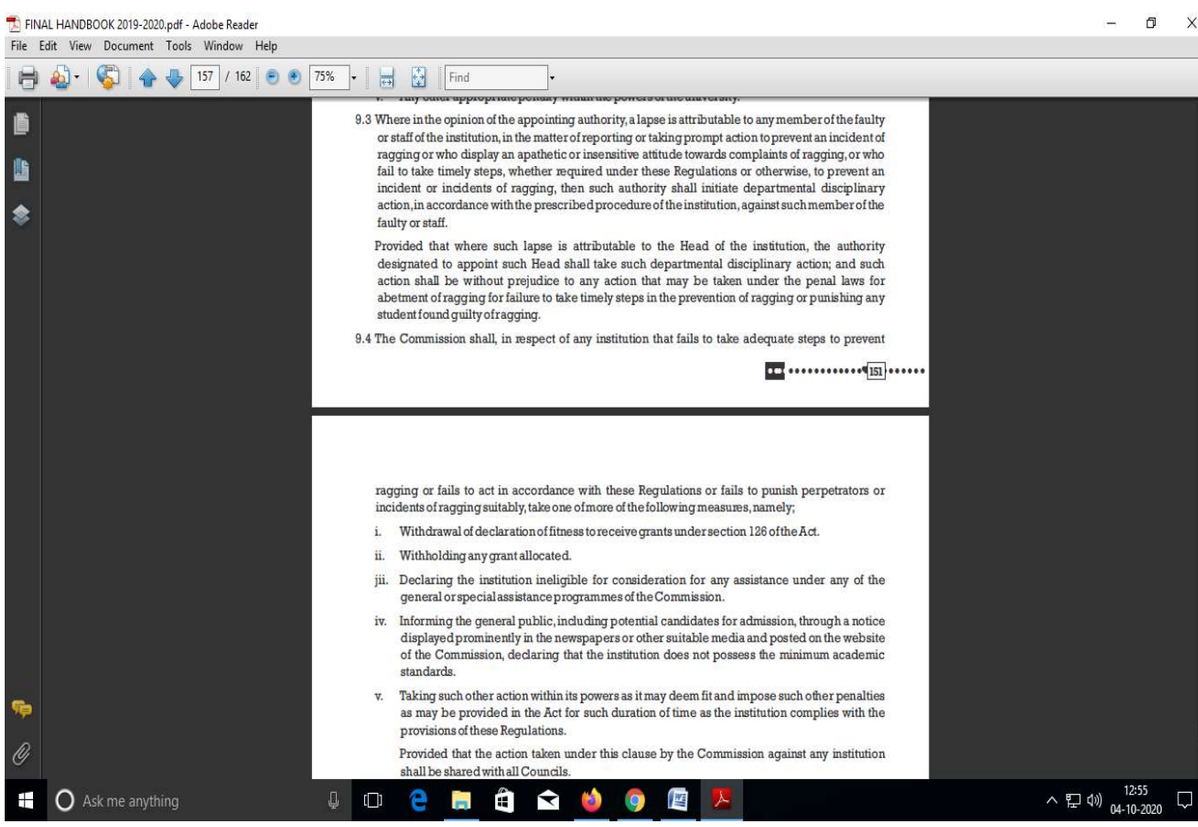
i. Withdrawal of affiliation/recognition or other privileges conferred.

ii. Prohibiting such institution from presenting any student or students then undergoing 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



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 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

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ragging or fails to act in accordance with these Regulations or fails to punish perpetrators or incidents of ragging suitably, take one of more of the following measures, namely;

i. Withdrawal of declaration of fitness to receive grants under section 126 of the Act.

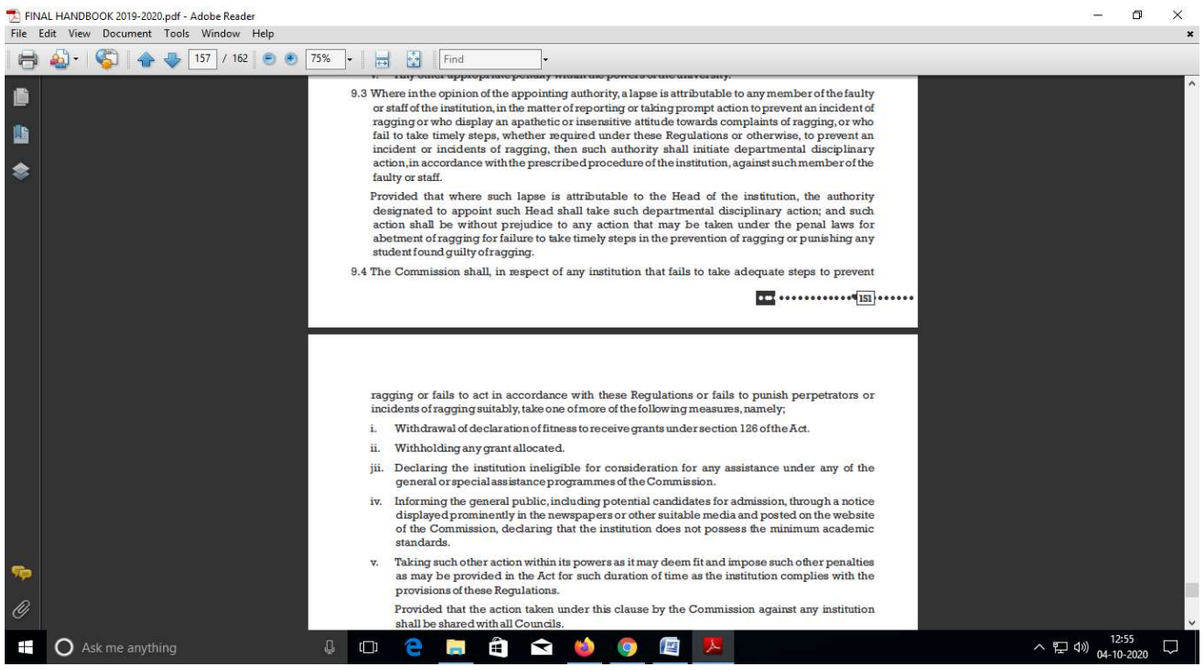
ii. Withholding any grant allocated.

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.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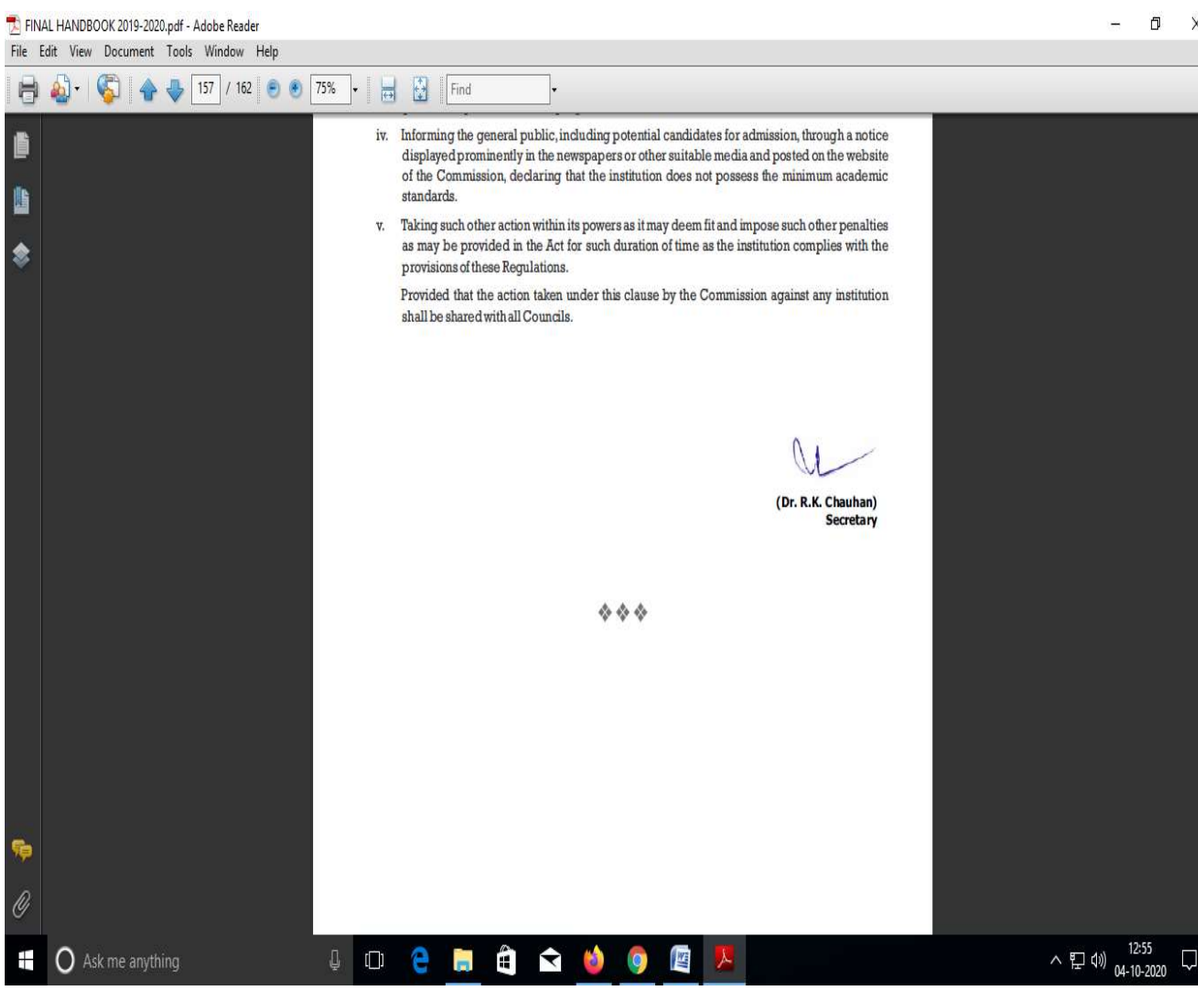
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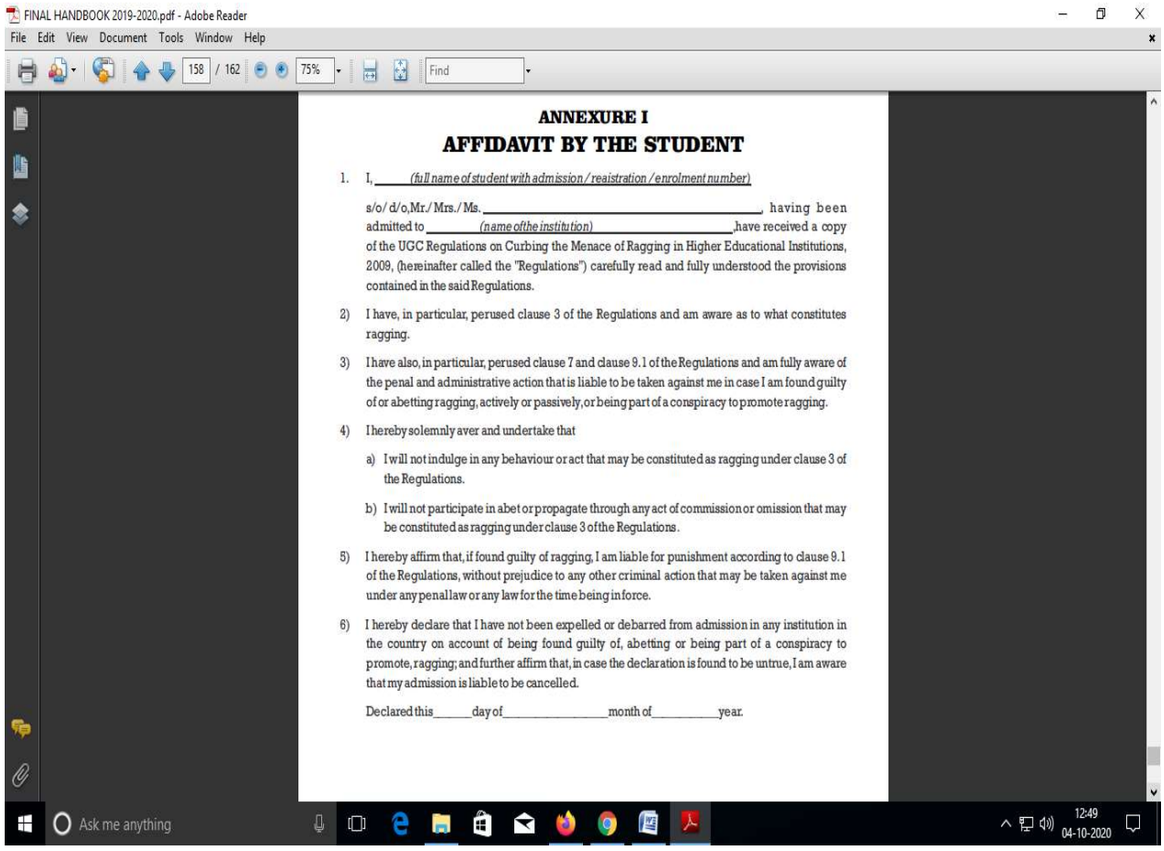
(Dr. R.K. Chauhan)
Secretary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ANNEXURE I
AFFIDAVIT BY THE STUDENT
1. I, (full name of student with admission / reaistration / enrolment number)
s/o/ d/o,Mr./ Mrs./ Ms. , having been admitted to (name ofthe institution) ,have received a copy of the UGC 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.
Ask me anything
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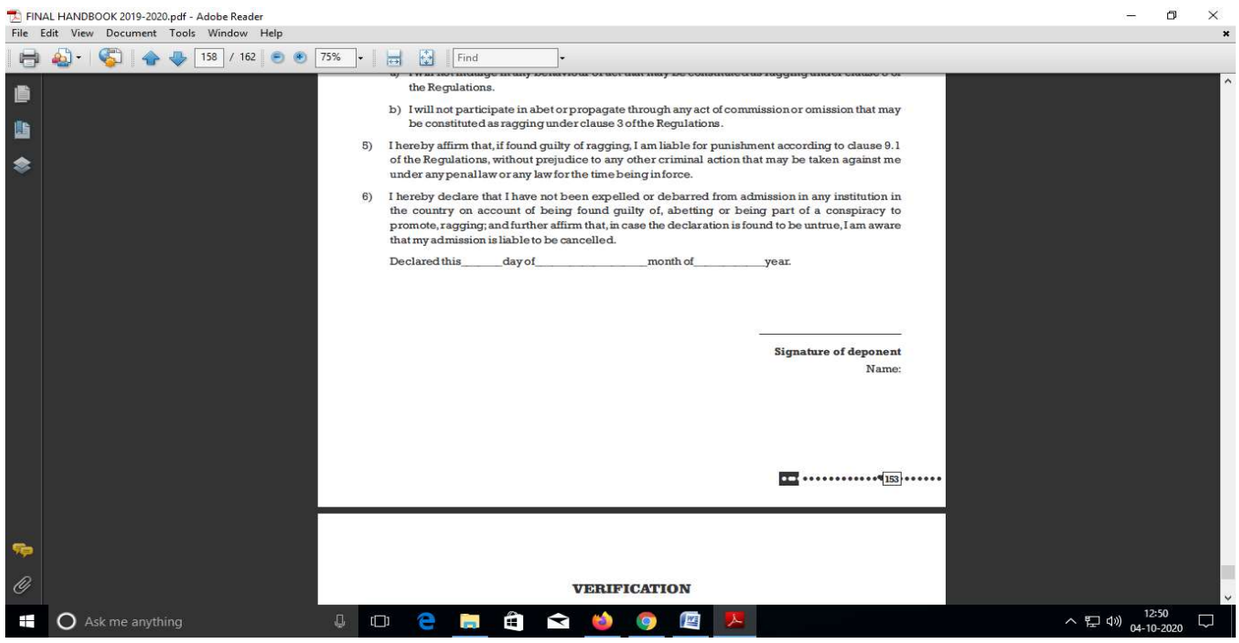
04-10-2020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5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the 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:
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VERIFICATION
Ask me anything
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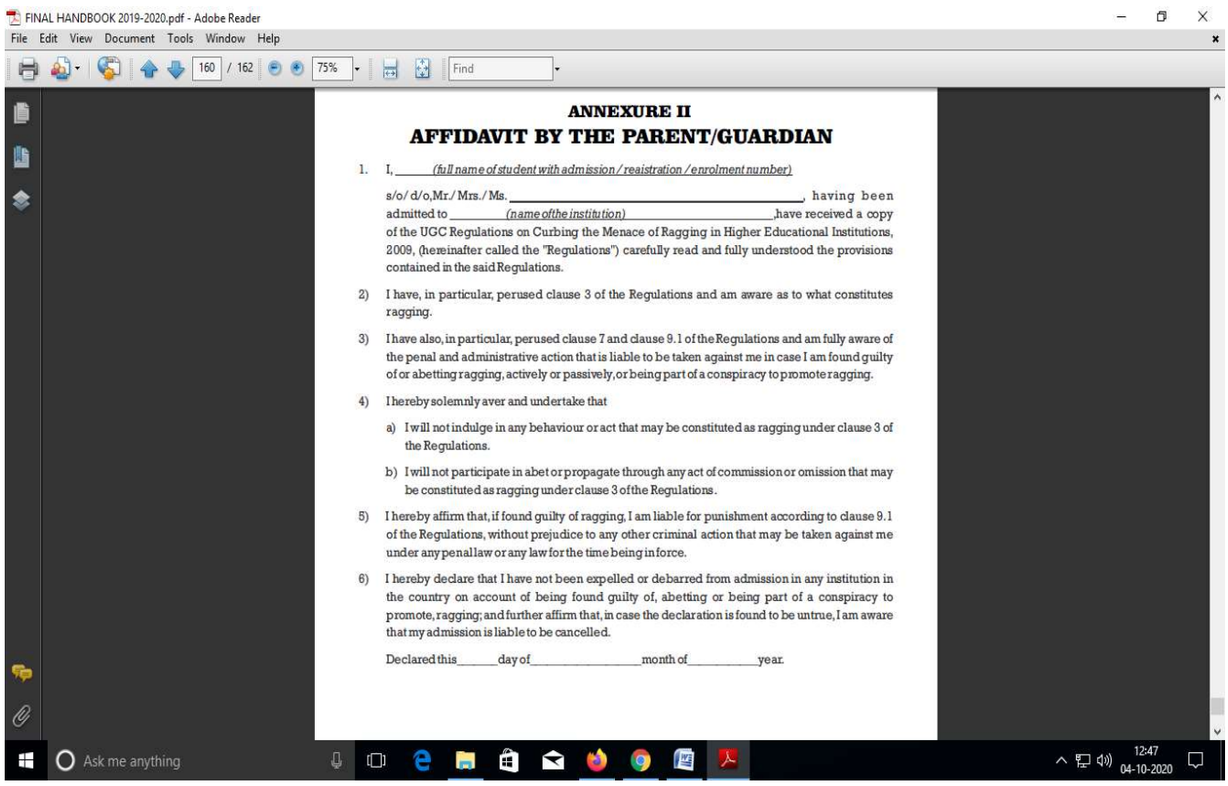

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ANNEXURE II

AFFIDAVIT BY THE PARENT/GUARDIAN

1. I, *(full name of student with admission / reaistration / enrolment number)*

   s/o/ d/o,Mr./ Mrs./ Ms. _____, having been admitted to _____ *(name ofthe 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.

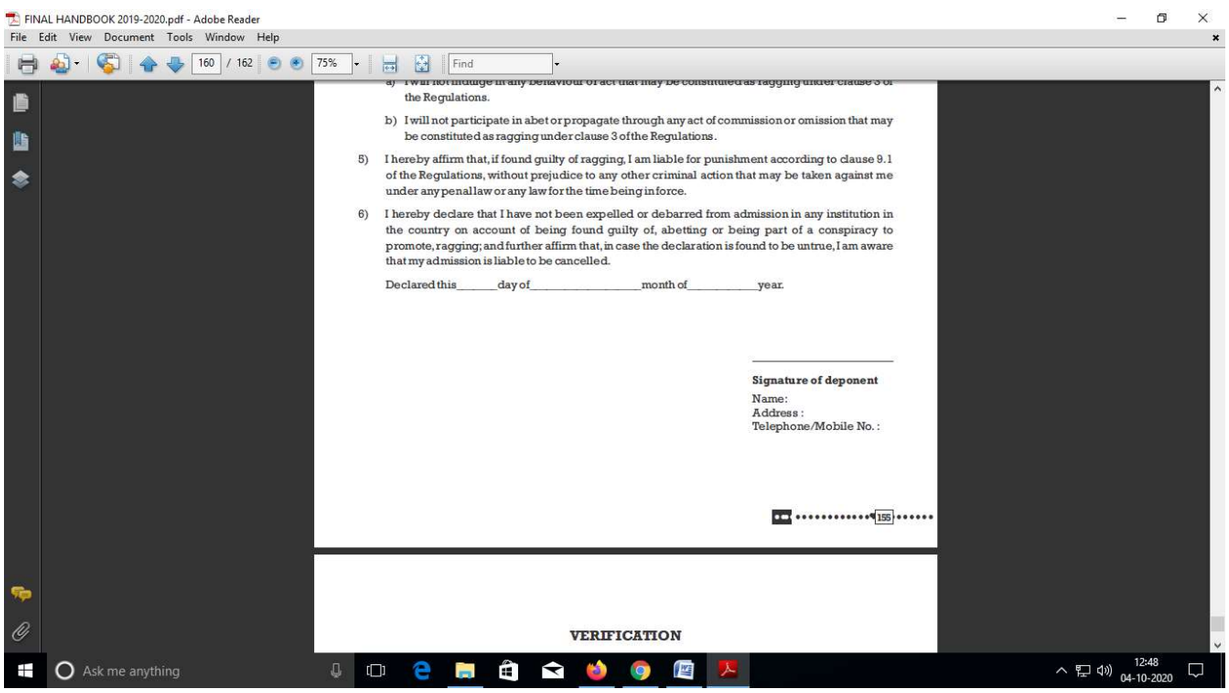
   b) I will not participate in abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.

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.

Ask me anything 12:47 04-10-2020



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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.

_____

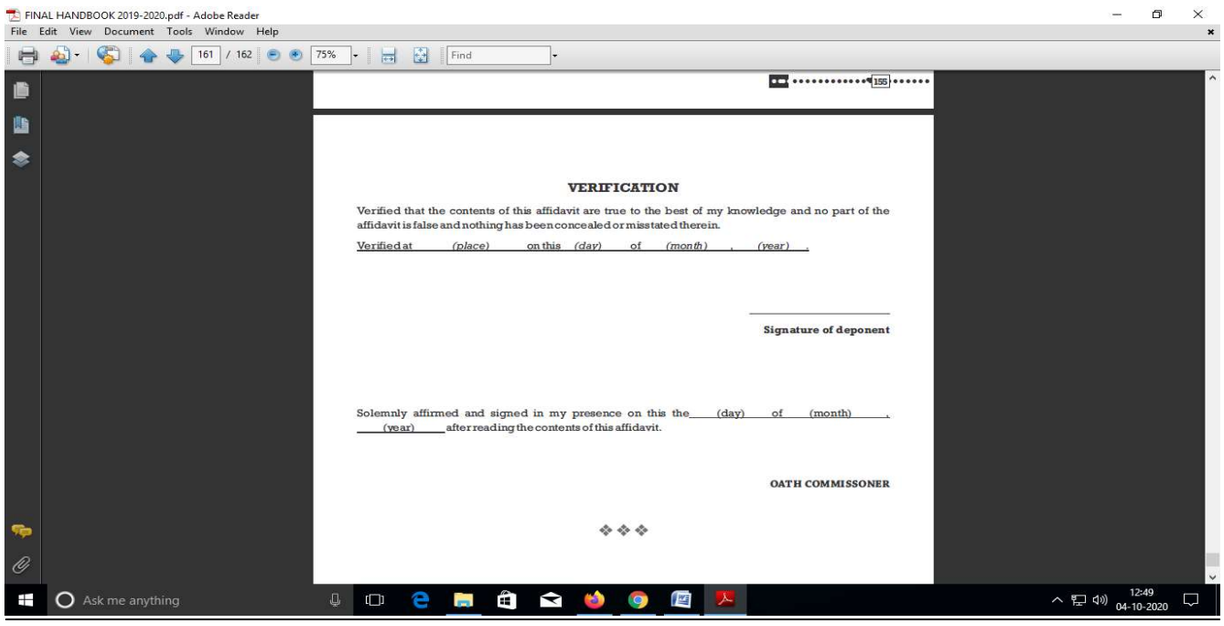
Signature of deponent

Name:
Address :
Telephone/Mobile No. :

155

VERIFICATION

Ask me anything 12:48 04-10-2020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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
Ask me anything
12:49
04-10-2020

Annexure-G

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

UNDERTAKING

I.....Roll Number……..... Son/Daughter of..... is a bonafide student of the Dept. of .....NIT Kurukshetra and presently studying in B.Tech./M.Tech./MCA/M.Sc./MBA/Ph.D. Year ..... Semester..... and allotted Room Number.....in Hostel..... 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. I am aware that my hostel room may be changed at the beginning/end of the semester. I will not invite or allow outsiders to stay in the hostel premises/room. 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. 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.

Countersignature of Parent/Guardian

Mobile No._____

Permanent Address _____

_____

_____

Email _____

Signature of the Student

Mobile No._____

Permanent Address_____

_____

_____

Email _____

NIT KURUKSHETRA 190

Annexure-H

DROWNING / ACCIDENT CERTIFICATE

I am aware that there are deep water bodies like Ponds & Canals in the near vicinity of the Institute, enroute and such areas are **OUT OF BOUND**. I will not visit such places. If I visit such places it will be at my own risk and responsibility.

Counter Signature of Parent/Guardian

Name: _____

Mob. No._____

Date:

Signature of the student

Roll No. _____

Mobile No._____

Date:

NIT KURUKSHETRA 191

Annexure-I

NO DUES CERTIFICATE FROM THE HOSTEL

No-Dues Certificate Format to be attached here

NATIONAL INSTITUTE OF TECHNOLOGY

KURUKSHETRA-136119

NO DUES CERTIFICATE

Name of the Student_____, Roll No. _____

Semester_____, Branch/Specialization _____

Dated:-_____ Signature of Student

Nothing Due is pending against the above mentioned student

1. HOD/Co-ordinator _____
2. Workshop Superintendent _____
3. Prof. I/c (Clubs)_____
4. Prof. I/c (NCC) _____
5. Warden, Hostel No. ( ) _____
6. Prof. I/c (Sports) _____
7. Prof. I/c (CCN) _____
8. Faculty I/c (T & P) Cell _____
9. Librarian _____
10. Assistant/Deputy Registrar (Accounts) _____

The student is requested to submit the "No dues Certificate" in the office of the Dean (Academic) by speed post, in-person or through email on academic@nitkkr.ac.in email id. The student must keep one photocopy of the same with him/her for future reference.

Annexure-J

Prior Permission to Leave Hostel

Format to be attached here

PROFORMA FOR LEAVE REGISTER

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

Annexure-K

Guidelines regarding Personal Display of Affection (PDA)

OFFICE OF THE DEAN (STUDENTS' WELFARE)
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

No. Dean (SW)/2023/210 Dated: 31.07.2023

ADVISORY TO STUDENTS

It is understood that institute can be a time for exploration and personal growth, however, it is important to remember that the institute is a place for education and academic pursuits. Public Display of Affection and engaging in private activities in academic areas, restrooms and poorly lit areas as well as anywhere on and around the NITK campus, can make others feel uncomfortable and distract from the educational environment. Additionally, such activities, whether they are consensual or not, are not appropriate to be conducted on institute property. The institute has strict policies in place to ensure the safety and well-being of all students and staff, and any violation of these policies will result in disciplinary action.

Public displays of affection and private activities can affect others in a number of ways such as:

1. **Uncomfortable atmosphere:** Public Display of Affection and private activities in public spaces can make others feel uncomfortable and embarrassed, which can lead to a negative and hostile environment.
2. **Distraction:** Such actions can distract others from their academic pursuits and affect their ability to focus on their studies.
3. **Violation of personal space:** Public Display of Affection and private activities in public areas can invade others' personal space and make them feel violated.
4. **Disrespectful behavior:** Engaging in Public Display of Affection and private activities in public spaces is often seen as disrespectful to others and can harm community relations.

It is important to be mindful of our actions and how they may affect those around us.

Hence, all students are encouraged to be respectful of others and to maintain a professional and educational atmosphere on campus. If any student has any question or concern, he/she may not hesitate to reach out to the Dean (Students' Welfare) Office.

31.7.2023

Dean (Students' Welfare)

Notice Board

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 adversel y 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,-

i. "Act" means, the University Grants Commission Act, 1956 (3 of 1956);
ii. "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.

iii. "Anti-Ragging Helpline" means the Helpline established under clause (a) of Regulation 8.1 of these Regulations.

iv. "Commission" means the University Grants Commission;

v. "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.

vi. "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.

vii. "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 to.

viii. "Fresher" means a student who has been admitted to an institution and who is undergoing his/her first year of study in such institution.

ix. "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.

x. "NAAC" means the National Academic and Accreditation Council established by the Commission under section 12(ccc) of the Act;

xi. "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/sl)e 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 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 0 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 instill a feeling of confidence among the freshers.
f. The institution shall set up appropriate committees, including the course-incharge, 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 counseling 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 anti ragging 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. Discrete random surveys shall be conducted amongst the freshers every fortnight during the first three months of the academic year to verify and cross check whether the institution is indeed free of ragging or not and for the purpose 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 database 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 herein 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, ournament, youth festival, etc. vi. Suspension/ expulsion from the hostel.
vi. Cancellation of admission. viii. Rustication from the institution for a period ranging from one to four semesters.
vii. 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;

1. Withdrawal of affiliation/recognition or other privileges conferred.
2. Prohibiting such institution from presenting any student or students then undergoing 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.
3. Withholding grants allocated to it by the university, if any
4. Withholding any grants channelised through the university to the institution.
5. 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 faculty 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 faculty 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 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 of 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.
iii. 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

ANNEXURE I

AFFIDAVIT BY THE STUDENT

1. I, *(full name of student with admission / registration / enrolment number)*

s/o/ d/o, Mr./ Mrs./ Ms. _____, have 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:

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

ANNEXURE II

AFFIDAVIT BY THE PARENT/GUARDIAN

1. I, _____ *(full name of student with admission / registration / enrolment number)*

s/o/ d/o, Mr./ Mrs./ Ms. _____,have 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. :

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

Appendix-G

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

STUDENT UNDERTAKING

I .....Roll No .....Son/Daughter of..... is a bonafide student of the Dept. of .....NIT Kurukshetra and presently studying in B. Tech./M.Tech./MCA/Ph.D.....Year .....Semester .....and 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.....

NIT KURUKSHETRA 213

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:

1. **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.
2. **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 the 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).

3. **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.
4. **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.

5. **Special Flying Squad:** The squad will check any possible ragging incidents at potential public places like; Parks, railway station, bus station, canteen etc.
6. **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 depict: (i) Banning of Ragging in the Institute (ii) quantum and nature of punishments to defaulters (iii) Helpline numbers of institute officials.
7. **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 the ragging complaint box or can report any ragging incident on Institute helpline numbers. The complaint must bear the 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:

9416550164, 9416412100, 8950650020, 9416570919, 9813219241, 9671200887, 9466620527

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 "HandBook 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. c**
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 periods 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 FIRST YEARS 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 anywhere, 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 the 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 a ragging complaint box which has been put in the dining halls. A Ragging complaint must bear the student's name, contact number, signature, time, date and place of incident. Late reporting may dilute the gravity of the complaint.
5. During interaction with your seniors, be respectful to them.
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 the above period. So, if someone is not present in the hostel during the 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 classrooms. 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 the 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 on 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 its 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 in an orderly manner. 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.

1. Structure:

Dr. Rajiv Verma	Proctor	Mechanical Engineering Department
Dr. M. Senthil Kumar	Member	Chemistry Department
Dr. Pradeep Kumar	Member	Electrical Engineering Department
Dr. Shweta Rathi	Member	Civil Engineering Department
Dr. M. M. Harshita	Member	Mathematics Department
Dr. Bharati Sinha	Member	Computer Engineering Department
Dr. Shahida	Member	Humanities & Social Sciences Department
Dr. Chandra Sekhar	Member	Business Administration Department
Dr. Than Singh Saini	Member	Physics Department
Dr. Munish Bhatia	Member	Computer Applications Department

2. The domain of the Proctor includes:

a. To monitor the disciplinary climate prevailing in the student community;
b. 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;
c. 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;
d. To Issue all orders relating to disciplinary proceedings against students;
e. To supervise the security and safety environment of the university campus.

3. The power of the Proctor includes:

a. 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;
b. To suspend or rusticate a student up to a maximum period of two weeks; and
c. To impose a fine as prescribed from time to time.
d. To write adverse comments in the character certificate of the erring students.
e. To debar temporarily/permanently erring students from appearing in the campus interviews.

NATIONAL INSTITUTE OF TECHNOLOGY

(INSTITUTION OF NATIONAL IMPORTANCE)

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