



# PROSPECTUS

## 2020-21

Issued under authority of the Secretary Technical Education  
Chandigarh Administration

### INSTRUCTIONS

- Candidates are advised to study the prospectus carefully before joining the classes
- The prospectus is subject to alteration and modification without notice
- The information given in the prospectus does not constitute a legal document
- In case of any clarification/ interpretation/ omission of any rule/scheme or any part hereof as contained in prospectus, text of original rule/scheme will be treated as final and decision of Principal, CCET(Degree Wing), in this regard will be binding.



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## 1. INTRODUCTION

### (i) Brief History:

Chandigarh College of Engineering and Technology (CCET) Degree Wing, Chandigarh, a government institute under UT Administration, Chandigarh, was established in 2002. CCET (Degree Wing) has the reputation of being one of the premier engineering college for imparting quality education in Engineering & Technology which is located in the city beautiful sector -26, Chandigarh. CCET (Degree Wing), Chandigarh, is affiliated to Panjab University (PU), Sector 14, Chandigarh and approved by All India Council for Technical Education (AICTE), Ministry of HRD, Government of India, New Delhi. CCET is well known for its huge infrastructure and state of the art facilities. The college campus extends over an area of approx. 32 acres land situated close to the Shivalik ranges and Sukhna Lake.

### (ii) Mission:

Chandigarh College of Engineering and Technology mission is to deliver the highest quality engineering graduates, provide innovative educational environments, opportunities, and experiences that enable them to emerge as leaders who in turn will benefit the society both locally and globally.

### (iii) Vision

Chandigarh College of Engineering and Technology aims to be a center of Excellence for imparting Technical Education and serving the society with self-motivated and highly competent technocrats.

### (iv) Locate us:

Chandigarh, the 'City Beautiful', is located at the foot-hills of Shivaliks. The CCET (Degree Wing) campus is midway between the Chandigarh Railway station and ISBT. It is approximately 4 km from the Chandigarh Railway station and ISBT on Madhya Marg in Sector-26, Chandigarh.



### (v) Campus:

The campus is divided into various functional zones like Academic and Administrative Blocks for Degree. In addition to Spacious Lecture halls, Tutorial rooms and Drawing Halls, the college has an Auditorium, Library, Computer Center, Cyber Café, Reading Rooms, Workshops and well equipped Laboratories and playgrounds. The college also houses a branch of State Bank of India with ATM facility. Hostel facilities for both boys and girls are available in the campus.



## 2. COURSES OFFERED

The following undergraduate programmes are offered at the College:

### (i) Bachelor of Engineering:

Four-year undergraduate programmes leading to the degree of Bachelor of Engineering are offered in the following disciplines:

S.No.	Name of the Branch	No. of Seats
1.	Civil Engineering	60+3*
2.	Computer Science & Engineering	60+3*
3.	Electronics & Communication Engineering	60+3*
4.	Mechanical Engineering	60+3*

**\*In addition to total sanctioned intake of 240 seats, 12 seats under category of Tuition Fee Waiver Scheme for Economically Weaker Section are available as Supernumerary seats.** The undergraduate curriculum is designed to introduce the students to a wide range of problems encountered by students in the field. A number of elective subjects are also offered to enable a student to study the area of his special interest in depth. The practical problems of different areas are assigned to students as their projects and training as a part of the courses are also provided to become perfect engineers.

Admission through lateral entry in 2<sup>nd</sup> year of degree programme is on the basis of merit of PULEET, entrance test conducted by Panjab University, Chandigarh.

New Courses are also planned to be introduced at B.E. and M.E level:

S. No.	Name of Branch	No. of Seats
1.	Marine Engineering	30*
2.	Information Technology	30*
3.	Electrical Engineering	30*
4.	Transportation Engineering	30*
5.	Robotics & Automation Engineering	30*
6.	Material Science & Engineering	30*
7.	M.E. (Comp.Sc. & Engg.)	25*

**\* Approved by Chandigarh Administration and to be started in phased manner.**

### (ii) Research Programme:

This Institute is an approved research centre of Panjab University, Chandigarh and offers research facilities leading to Ph. D in various fields. The information regarding guidelines for admission in Ph. D programme can be available in the following link: '[forms.puchd.ac.in](http://forms.puchd.ac.in)' and for information regarding course curriculum, visit '[puchd.ac.in/syllabus](http://puchd.ac.in/syllabus)'.

### (iii) Recent Developments:

- All classrooms are converted into Virtual classrooms with multimedia projectors
- Tutorial and Engineering Drawing hall

- Computer center and Server room.
- Modernization of Lecture Halls in the Degree wing.
- Well furnished and air conditioned computer laboratories.
- Parking facilities.
- Library facilities
- Cyber café facility
- Training and Placement Cell.
- Bank facility with ATM.
- Sports facilities
- Gymnasium
- Student's canteen
- Medical Facility
- LEET pattern
- Computerized library.
- Industrial Training
- Computerization of Office
- Internet connectivity in Hostels as well as in rooms of all Faculty members.
- On-line journals are available to the students for Project Work, Seminars, Knowledge Upgradation and Paper Presentation.
- Talks and extension Lectures by Experts in various fields.
- For the all round development of the students, the college provides a host of various students activities. These activities range from personal hobbies to sports and technical interests. The students are encouraged to become the member of these bodies to help broaden their horizons. These clubs not only help the students to explore their hidden talent but also help in areas such as personality development and inculcating in the students the spirit of organization by providing them with a platform for hosting their respective club presentations.
- To name few are The Editorial Board, Speakers Club, Panache, Projection Club, Dramatics, Sports Club, Music Club, and IT Club. The facilities provided for the Sports Club are Kho-Kho field, Cricket Pitch, Race Tracks, Football Ground, Volley Ball Court, Hockey Ground.

#### **(iv) EDUSAT- The Indian Satellite for Education**

India's Educational programme got a fillip on 20<sup>th</sup> September 2004 with the successful launch of EDUSAT, from the launch pad of the Satish Dhawan Space Centre, Sriharikota, Andhra Pradesh. EDUSAT is an indigenously design satellite, which is exclusively devoted to the field of education. The satellite can establish the connectivity between urban educational institutions with adequate infrastructure imparting Quality education. EDUSAT is the first exclusive satellite for serving the educational sector. It is specially configured to meet the growing demand for an interactive satellite-based distance education for the country through audio-visual medium. The college has a well established EDUSAT system which is used to impart the Expert lectures from various universities of India and all the classrooms are converted in to Virtual Classrooms.

### 3. ACADEMIC DEPARTMENTS

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Greetings!!!!

It is a matter of great privilege and pleasure for me to pen down my greetings for all the students & their parents on behalf of the Department of Computer Science and Engineering, CCET Chandigarh. It is well known fact that keeping pace with the ever changing technology is most challenging. Computer science is one such field which is growing up in an eye-blinking speed, has become an integral component of almost all the existing fields. A number of studies on the subject proved that computer engineers are playing a vital role in technological enlargement at the global level.

The basic objective of CSE department is to provide students with a learning environment keeping the changing landscape of the field in mind with the objective to enable the outgoing students to take the lead role in steady and rapid advances in computing technologies. At CSE Department, students are subjected to continuous challenges by providing a flexible yet thought-provoking curriculum and learned guidance from extremely talented and experienced faculty members who are experts in their respective areas. The courses in the Computer Sc. & Engineering department are organized meticulously to provide a wide spectrum of choices to the students. Such an environment would definitely act as a strong foundation base for students in computer science which inculcates the problem solving technique in them right from the beginning.

The excellent infrastructure, teaching faculty of the best kind working whole heartedly towards ensuring quality education acts as a booster in achieving the ultimate goal of the Institute i.e. providing innovative and quality education with high standards of academic excellence. I am sure that these efforts would definitely provide a platform to students to dream and grab the best opportunity in their professional career.

I am confident that students of this college will emerge as core technological resources to the society at large.

All the Best!!

**Dr. Sunil K. Singh**

**Professor & Head**

**Computer Science and Engineering Department.**

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Department of computer science and engineering is one of the youngest department of CCET( Degree Wing), established in 2002 with a vision to enrich young mind of today and provide good environment for upcoming challenge in information technology and communication of international standard. Since its inception, department has been trying to meet the computing need of various technologies and offering specially designed courses for their students. Smart-phones, high-performance computing device, network, online-games, interactive media & application and other latest technology devices – we see at least one of these every day but don't always remember that their existence depends on the work of computer engineers. Computer sc & engineering (CSE) is one of the fastest-growing fields, and a number of studies show that computer engineers are among the highest earners in the globe.

**(i) List of Faculty Members:**

S. No	Faculty Name	Designation	Specialization
1	Dr. M. S Gujral	Professor & Principal	Computer Networks & Information Security
2	Dr. Sunil K. Singh	Professor & HOD	High Performance Computing (HPC), Linux, Computer Network, Computer Architecture
3.	Dr. R. B Patel	Professor	Mobile and Distributed computing, Sensor Networks
4	Dr. Varun Gupta	Professor	Software Engineering, Object-Orientation, ERP Systems, AMR Systems.
5	Dr. Dheerendra Singh	Associate Professor	Cloud Computing, Operating Systems, UNIX \ LINUX Shell Programming
6	Dr. Gulshan Goyal	Assistant Professor	Digital Image Processing, Theory of Computation, Compiler Design, Design and Analysis of Algorithms
7	Dr. Sunita	Assistant Professor	Design & Analysis of Algorithm, Data Structures
8	Dr. Amit Chhabra	Assistant Professor	Theory Of Computation, Compiler Design, Discrete Structure, Design , Analysis and Algorithm
9	Dr. Ankit Gupta	Assistant Professor	Artificial Intelligence, Web Intelligence, Web Analytics, Multi Criteria Decision Making
10	Dr. Sarabjeet Singh	Assistant Professor	High Performance Computing, Computer Graphics, C, C++, CUDA-C.
11	Mr. Sudhakar Kumar	Assistant Professor	High Performance Computing, Web Technologies, Digital Electronics & Design
12	Mr. Animesh Singh	Assistant Professor	Image Processing, Computer System Architecture, Software Engineering

**(ii) List of Laboratories:**

**1. Procedural and Object Oriented Programming Lab**

This lab is all about programming and algorithm concept using basic C and C++ programming language.

**2. Software Engineering, Testing and Machine Learning Lab**

This lab will teach students about Software Engineering principles with testing and software life cycles. Machine Learning Lab is fully dedicated to getting computers to act without being explicitly programmed. Student will able to learn newer methods of study and construction of algorithms that can learn from and make predictions on data

### **3. Web Technology and Computer Graphics Lab**

Web Technology lab will help to understand the core principle on which Internet and WWW operates. On the other hand Computer Graphics lab will give students about the learning of how computer-generated image data created with help from specialized graphical hardware and software.

### **4. Networking and Mobile Computing Lab**

This lab will teach students the concept of network and how this concept of network can be use to implement for mobiles and their different functionary.

### **5. Linux & Advance Computing Lab**

Without operating system, we can't imagine any application either it is desktop or mobile. Student will learn about how operating system work and what fundament concept are. Advance Computing Lab aims on developing high accuracy computing methods to aid in bridging the gap between theoretical and computational for developing the high performance computing.

### **6. AI & Data Mining Lab (Statistica)**

AI Lab is a multidisciplinary field conducting theoretical, experimental, and applied investigation of intelligent systems. Data mining is a study about extracting knowledge from data. Student will learn these essential topics in AI & Data Mining Lab with **Statistica** software tool.

### **7. Operating System, Database and Big Data Lab**

Without operating system, we can't imagine any application either it is desktop or mobile. Student will learn about how operating system work and what fundament concept are. Student will learn about creation and maintenance of databases for different application.

### **8. Digital Image Processing & Simulation and Modeling Lab (Qualnet)**

In this lab students will learn how computer perform image processing, digital images, and modelling and simulation concept for applications like network simulation. Students will learn **MATLAB** and **Qualnet** software tool during this lab.

### **9. Compiler & Project Lab**

It includes compiler design lab. Students will learn how complier works and how they can design a complier.

### **10. E –learning Cum Computer Center-CSE(NPTEL, MOOC, Moodle)**

This lab is dedicated to compilation of In-House projects like ERP or PEAS, Internship and e-learning like NPTEL, MOOC and Moodle.

### **11. Research and Development Lab(PhD labs)**

This lab is primarily designed for research works and innovative ideas.



## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Welcome to the department of electronics and communication engineering at Chandigarh College of Engineering & Technology, Chandigarh. The department is located in a sprawling environment with a state of art facilities and highly qualified faculty. The department works with the objective of addressing critical challenges faced by the Industry, society and the academia. Perhaps even more important is our unceasing commitment to our students, helping them to learn, grow, develop, and achieve their goals in their pursuit to excel in their professional career.

The course curriculum combined with practicals, produce fully competent professionals to face the challenges. . The infrastructure and lab facilities are upgraded from time to time and provide a good practical learning and innovative environment for students and researchers.

The department faculty work with excellent team spirit in different technical team like RF Electronics, Communication, Signal processing, VLSI, Embedded System, Wireless Sensor Network which leads to key research publications and consultancy in these areas. The department strives to provide a conducive environment for the students to develop analytical and practical skills and apply them to real world problems. To motivate the students the department organizes regular training in state of art software & hardware, arranges workshop periodically.

We welcome you to the Electronics and Communication Engineering Department as undergraduate students and we hope to be part of your success

**Dr. Davinder Singh Saini**

**Professor & Head**

**Electronics and Communication Engineering Department**

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The department of Electronics & Communication Engg. offers a 4 year degree programme. The department is constantly modernizing the infrastructure and the lab facilities and is well supported in infrastructure and resources through the institute as well as industry. While the course coverage meets the requirements of the Panjab University, The Department has good range of ECE journals as well as latest books to keep the students posted with latest trends in the Electronics & Communication Engineering area. The faculties are encouraged to contribute and take independent initiatives with collective responsibility in all the relevant academic dimensions-teaching, curriculum development etc.

**(i) List of Faculty Members:**

S. No	Faculty Name	Designation	Specialization
1	Dr.Davinder Singh Saini	Professor and Head	MIMO, OFDM, CDMA, Wireless Sensor Networks
2	Dr. Bhasker Gupta	Professor	Wireless Communication, FPGA System Design
3	Dr. Krishna Gopal Sharma	Professor	Low Power VLSI Design
4	Dr. Anil Kumar	Professor	Wireless Sensor Networks
5	Dr. Parvinder Kaur	Assistant Professor	Soft Computing, Nature Inspired Computing, Optimization Algorithms and Signal processing
6	Dr. Dinesh Sharma	Assistant Professor	Wireless communication system Design, Antenna design for future communication
7	Dr. Shilpa Jindal	Assistant Professor	Communication Engineering, Wireless communications
8	Mr. Irfan Ahmad Khan	Assistant Professor	Digital system/Communication, power electronics and renewal energy conversion systems
9.	Dr. Sarita Sharma	Assistant Professor	RF and Microwave Engineering, Electromagnetic wave interaction with various materials, Remote Sensing
10.	Mr. Hardeep Saini	Assistant Professor	Image Processing
11	Dr. Anil Kumar Vaghmare	Assistant Professor	Signal processing, Speech processing, Blind source separation and VLSI

**(ii) List of Laboratories:**

**1. Analog Electronics Lab**

It is an introductory experimental laboratory that explores the design, construction, and debugging of analog electronic circuits.

**2. Analog and Digital Communication Lab**

As at present mostly the data transmission is done by digital means, knowledge of these methods is very useful for engineering students. In this lab various data communication techniques like analog (AM, FM & PM) and digital (ASK, FSK, BPSK & QPSK) are analyzed practically.

**3. Microcontroller and Interfacing Lab**

The objective of this lab is to learn assembly language programming of 8051 microcontroller using keil software tool and to conduct experiments on timers, serial/parallel ports, interrupts etc.

**4. Wireless Communication Lab**

This lab helps students to learn basic concepts involved in design, test and simulate various wireless systems. This lab provides knowledge about GSM and CDMA standards.

## **5. Microprocessor and Advanced Microprocessor Lab**

This lab is fully equipped with the kits of 8085/8086. Interfacing cards like ADC ,DAC, dc motor, traffic light control, stepper motor Kits of various interfacing devices like 8255 (PPI), 8259 (Interrupt controller), 8279(keyboard controller) & 8237 (DMA controller).

## **6. Electrical Sciences Lab**

Electrical Sciences is the combination of Basic Electronics & Basic Electrical Engineering subject. It is part of the Second year curriculum of the course to acquire knowledge about Circuit components and Network graph. It helps students to analyze any type of complex electronic circuitry.

## **7. Digital Signal Processing lab**

The area of digital signal processing has advanced rapidly over the last four decades. This advancement is attributed to the progress in digital computer technology and integrated circuit fabrications. This lab enables students to design and analysis of any kind of communication systems.

## **8. Digital Electronics Lab**

The digital electronic laboratory provides hands-on experiments are integral parts of engineering education. Using this laboratory platform, the students will be able to perform various experiments to supplement their theoretical understanding of digital electronics.

## **9. Microwave Engineering Lab**

Microwave Engg lab familiarize the students about the microwave frequencies and the various waveguide components that are used to carry them. They acquire the knowledge about the microwave measurements performed with various passive networks such as circulators, Tees, Directional couplers, isolators etc.

## **10. VHDL Programming & Technology**

The VHDL lab offers excellent opportunities for study in the areas of VLSI Design. Xilinx software and FPGA Kits are available.

## **11. Fiber Optic Communication Systems**

The objective of this lab is to explain the need and significance of Optical Communication System and impart knowledge of types, basic laws, and transmission characteristics of optical fibers. It explains the characteristics of Digital and Analog Transmission System .This lab helps the students to study and compare various types of basic components of optical communication and imparts practical knowledge of Fiber optic systems.lab is equipped with the facilities like optical trainer boards, function generators, CRO, glass and plastic fibers etc.

## **DEPARTMENT OF CIVIL ENGINEERING**

Civil Engineering being one of the core and most fundamental engineering branches, it covers a wide variety of specializations such as Structural Engineering, Geotechnical Engineering, Construction Practices, Hydrology, Transportation and Environmental Science, etc. Civil Engineers play a major role for the development of a nation by building roads, bridges, tunnels buildings, airports, dams, water works and dream houses which are essential for rapid growth of any country.

The Department of Civil Engineering is striving hard towards the goal of providing innovative and quality education with high standards to achieve academic excellence. The career opportunities available to Civil Engineering graduates are indeed broad and diverse ranging from construction to environmental assessment and pollution control, hydrology to structural & geotechnical engineering. In the modern world of construction where we witness every day, a new construction method, material and skill, it is very much important to forward the same to the students by means of latest teaching aids and by providing an equal and proper learning platform. Hence, with a team of highly qualified and experienced faculty members, we offer a very effective learning environment to the students. Additionally, an excellent infrastructure and well-equipped laboratories ensure quality education helping students shape a bright future.

On behalf of the Department of Civil Engineering, I welcome all the new students and visitors to the CCET along with our current students and graduates as well.

**Dr. Rajesh Kumar**

**Professor & Head**

**Civil Engineering Department.**

**Email-ID:- rajeshkumar@ccet.ac.in**

The department offers 4-years degree course in Civil Engineering. The objective is to prepare the students for professional career in the field of Civil Engineering. A major goal is to provide Civil engineering students with the best possible education towards the end.

Civil Engineering Department is equipped to meet the ever changing requirements of engineers with the courses and practical study of various fields with a combination of project management, business skills and use of various softwares in civil engineering field. The department ensures that the students will not only get the updated knowledge the courses, but also know about the current needs of industry and society as a whole.

### **(i) List of Faculty Members:**

<b>S.No</b>	<b>Faculty Name</b>	<b>Designation</b>	<b>Specialization</b>
1	Dr. Rajesh Kumar	Professor and Head	Structural Engineering, Self Compacting Concrete, Recycled Aggregate Concrete
2	Dr. Aradhana Mehta	Associate Professor	Structural Engineering, Box-Girder Bridges and Concrete Technology
3	Er. Mohammad Sakib Perwez Khan	Assistant Professor	Structural Engineering, Bridge Engineering, Computer Aided Design



4	Er. Taranjeet Kaur	Assistant Professor	Structural Engineering, High Rise Buildings, Lateral load Analysis, RCC Design.
5	Er. Poonam	Assistant Professor	Structural Engineering, Earthquake Resistant Design, Base-Isolation.
6	Er. Anil Kumar	Assistant Professor	Structural Engineering, Blast & Earthquake Resistant Design, Structural Reliability.
7	Er. Karuna Sharma	Assistant Professor	Highway & Transportation Engineering, Capacity Building and Pavement Design.
8	Er. Arfat Ahmed	Assistant Professor	Structural Engineering. Computer Aided Design.

**(ii) List of Laboratories:**

**1. Environmental Engineering Laboratory**

Management of environmental resources to protect health and the systems that support life is one of the biggest challenges faced by modern society. In recognition of the interdisciplinary nature of these challenges this lab provides students with the training and equips them with the much needed practicality to address current and future environmental issues in the best way.

**2. Geotechnical Engineering Laboratory**

Soil Testing is an integral part of analysis and design in Geotechnical Engineering. A proper evaluation of soil samples and determination of relevant soil properties simulating field loading conditions are essential components of the practice of foundation engineering. The lab provides all essentials to the students for integral study of various soil testing methods and its properties.

**3. Transportation Engineering Laboratory**

Our society mainly depends upon the transportation and connectivity of one place to another and every day to day life requirements are segregated for the ease of administration, like the industries are kept in industrial area and consumers are made to dwell in residential area for a better quality of life. Thus, an efficient transportation system requires good quality roads and tracks. This Lab equips the students with the testing of materials used for construction of roads and tracks.

**4. Computer Aided Design Laboratory**

For an engineer, the drawing is the language of communication. Every project is first visualized and then plotted on the paper by the planner for better implementation of the work to be executed. This Lab enables the students to use different software packages used by the professionals for the analysis and designing of the projects in the field, like STAAD.Pro, AutoCAD, MX-Roads, etc.

**5. Reinforced Cement Concrete (RCC) Laboratory**

Understanding the behaviour of materials to be used in the actual construction is of prime importance. This Lab offers opportunities for studying the cement and concrete testing using state-of-the-art Automatic Compression testing machine and Flexural strength testing machines, etc.

**6. Geographical Information System (GIS) & Software Laboratory**

With the increase of scope of building structures, complication starts in the construction and implementation of a given project. In order to monitor and quality control of a mega structure like long bridges, road networks, etc. GPS and GIS are necessary tools these days. This Lab, loaded with ArcGIS software, gives an exposure to the students to understand various applications of remote sensing and GIS thereby gaining an insight into the theoretical vicissitudes of the subject.

**7. Surveying Laboratory**

Every project starts with the surveying of the area on which the construction has to be performed and ends with the surveying for the purpose of the quality control. This Lab provides full exposure to the different instruments used in the field for the purpose of surveying, estimating and quality control. The Lab has variety of instruments like Total Station, Dumpy level, Auto level, Plane tables, and Theodolite, etc.

## **DEPARTMENT OF MECHANICAL ENGINEERING**

I feel delighted to introduce you to the Mechanical Engineering Department of the CCET (Degree Wing). Mechanical Engineering is a core branch of engineering and is an exciting field with great opportunities in robotics and cyber-physical systems, mechatronics, automobile engineering, machine design, aerospace, computer-aided design and manufacturing, quality assurance, etc. Because of the diverse roles, the mechanical engineers can play, you can find the mechanical engineers employed in each and every kind of industry. In the mechanical engineering department, our endeavor is to disseminate knowledge and develop mechanical engineers who are not only educated in the field but also become learned professionals capable to take challenges. The department offers Bachelors of Engineering programme in Mechanical Engineering in affiliation with the Panjab University, Chandigarh. Undoubtedly, the curriculum developed by the university helps and guides the courses. However, our well qualified, experienced and motivated faculty is always ready to discuss with the students, emerging avenues and opportunities in the technological area to have impactful and everlasting understanding of the concepts. I am confident that our mechanical engineering students are significantly contributing in all aspects weather it is technical arena or societal needs.

**Dr. Jatinder Madan**  
**Mechanical Engineering Department**  
**Email-ID:-jatindermadan@ccet.ac.in**

The department of Mechanical Engineering was established in the year 2006. The department's commitment to quality education makes it one of the best places for teaching and research. The undergraduate curriculum of the department includes foundation of mechanical engineering with current scenario. Technical electives allow the undergraduate student to specialize in specific field or to pursue broader understanding. In addition, the students develop their skills by performing experiments in different laboratories like Robotics, Mechatronics, CAD/CAM, etc. as well as in workshop.

The Mechanical Engineering department has excellent team of highly qualified, experienced, sincere and dedicated teaching faculty members. The faculty members actively participate in research and published their findings in reputed refereed international journals. Its graduate students are trained to become top quality engineers, owing to the department's internationally accepted program.

S.No	Faculty Name	Designation	Specialization
1	Dr.Jatinder Madan	Professor and Head	Sustainable Design and Manufacturing, CAD/CAM, Design for Manufacturing and Assembly (DFMA), Design Automation and Rapid Prototyping
2	Dr. Vettivel S C	Assistant Professor	Powder Metallurgy, Nano Composite, Smart Manufacturing Tribology, Coating of Materials
3	Mr. V. Senthil	Assistant Professor	Computer Integrated Manufacturing, Rapid Prototyping, CAD/CAM

4	Dr. Radhey Sham	Assistant Professor	Thermal Engineering and IC Engines, Automobile Engg.
5	Dr. Mukesh Kumar	Assistant Professor	Production, Industrial Engineering and Non-Conventional Machining
6	Mr. Vinod Chauhan	Assistant Professor	Design of Mechanical Equipments and Mechanics of Material
7	Dr. Ashwani Kumar	Assistant Professor	Machine Design, Thermal Engineering and Fluid Mechanics & Machinery
8	Mr Rajiv Kumar	Assistant Professor	Machine Design, Manufacturing and Non-Conventional Machining
9	Mr. Nipun Sharma	Assistant Professor	Machine Design, Heat Transfer, Engineering Graphics

**(ii) List of Laboratories:**

**1. Mechanical Workshop**

The workshop help the students to understand basic workshop practices, such a Machining, Carpentry, Welding, Fitting, Forging, Smithy, Foundry, Sheet metal working and Electrical working. Workshop provides a safe environment for the students under the guidance of highly skilled craftsmen to assist students with the strong practical knowledge.

**2. Computer Aided Design (CAD) Laboratory**

The CAD laboratory of the college is one of the best in the region with state of the art software and hardware. The laboratory has software's like ANSYS, ABAQUS, FLUENTS, CATIA, Pro-Engineer, Auto Desk Inventor and AutoCAD.

**3. Applied Thermodynamics Laboratory**

The laboratory has petrol and diesel engine test rigs in addition to the other equipment for performing the experiments to understand the basic thermodynamic processes and their working.

**4. Mechanics of Materials Laboratory**

The laboratory provides knowledge of different mechanical engineering properties. This lab has facilities to perform different tests of tension, compression, creep, fatigue, torsion and hardness.

**5. Mechatronics Laboratory**

This laboratory showcases the merger of mechanical, electronics and computer engineering. The students are trained with the concepts of hydraulics and pneumatics coupled with simulation kits. A complete set up of hydraulic and pneumatic training kits are installed in laboratory.

**6. Fluid Mechanics & Fluid Laboratory**

The purpose of this laboratory is to provide an opportunity for studying constructional features of fluid machinery, such as turbines, pumps and other hydraulic equipments. This laboratory is well equipped with setups to perform the experiments on fluid machinery and demonstrate its working.

**7. Mechanical Vibrations Laboratory**

Vibration in mechanical elements and machines is an important phenomenon. The laboratory experiments make the students aware of the causes and remedies of vibration that often occurs in automobiles, aerospace and machinery. The laboratory has various vibration testing equipments.

## DEPARTMENT OF APPLIED SCIENCE

Greetings!!!!

With technology spreading its domain to all walks of life there is a need to upgrade the ever-widening knowledge base. CCET has risen to the occasion, and resolves to provide talented, skilled and highly competent technical human resource to the industrial society. Education is imparted at the institute in a manner so that each student realizes his responsibility of enhancing the present skills and shaping the future.

In its endeavour to foster an optimum blend of self-discipline and consistency, the college provides a robust curriculum to cater to the versatile scenario of the industry. It commits to serve the society with zeal and to fulfil its societal obligations with distinction. With consistent efforts to provide the industry with apt talent, I invite the prospective potential seekers to participate in the campus recruitment program.

I am confident that students of this college will emerge as core technological resources to the society at large.

All the Best!!

**Dr. Varun Gupta**

**Head**

**Applied Science Department.**

The Department of Applied Sciences offers courses in Mathematics, Physics, Chemistry, Environment Education and Humanities (Communication Skills, Economics and Bio-Engineering) to all the undergraduate students.

S.No	Faculty Name	Designation	Specialization
1	Dr. Varun Gupta	Professor and Head	Deep learning, Machine learning and Software engineering
2	Dr. Parul Aggarwal	Assistant Professor	Fluid Dynamics
3	Dr. Manveen Kaur	Assistant Professor	Engineering Physics, nanomaterials
4	Ms. Neha	Assistant Professor	Organic chemistry

### (ii) List of Laboratories:

#### 1. Physics Lab

Physics Lab is well equipped with the latest apparatus and instruments. The students are given the exposure on the experiments on Optics, Measuring Instruments, Quantum and Solid State Physics.

#### 2. Chemistry Lab

The basic aim of Chemistry laboratory is to impart practical training to the students about the chemical properties of engineering materials and methods for manipulating the properties.

#### 3. Communication Skills Lab:

Communication Skills Workshop lab in CCET is equipped with LCD TV, DVD, OHP Projector, LCD Projector, Microphone, Home Theatre and Audio System. The lab is being upgraded to have latest language software and audio-visual aids.



#### 4. ACADEMIC RULES AND REGULATIONS

##### (i) General

1. The duration of the course of instruction for Bachelor of Engineering in all disciplines being offered by the Panjab University, shall be Four years (comprising of eight semesters, with two semesters per year). Each semester shall be at least of fourteen weeks duration.
2. The duration of the course of instruction for Integrated B.E. in all disciplines being offered by the Panjab University shall be Five years. The teaching period will be divided in ten semesters. Each semester shall be at least of fourteen weeks duration.
3. The subjects to be studied in each semester will be as per the prescribed scheme of study for a particular course, indicating the minimum number of lectures to be delivered, distribution of marks in Major examination ( End Semester Examination), Internal Assessment including two Minor Examinations( Mid semester examinations : Minor-I, Minor-II) etc. Each subject shall have specified number of credits associated with it. The medium of instruction and examination shall be English.
4. The mode of admission to the First Semester course in any branch will be decided by the Syndicate. It will be open to a candidate, who has passed 10+2 examination of the Central Board of Secondary Education, New Delhi or its equivalent with Physics and Mathematics as compulsory subjects along with one of the following subjects: Chemistry, Biotechnology, Computer Science or Biology.
5. A candidate must have obtained a minimum of 60% marks in the qualifying examination i.e. +2 for admission to the first year B.E. and Integrated B.E. courses in all the University Engineering Departments and Colleges affiliated to it except in the case of SC/ST/Physically Handicapped categories for which the percentage shall be 55% for admission to Engineering courses. The candidates shall be admitted on the basis of JEE merit conducted by CBSE.
6. The mode of admission to the Second year B.E Programme (lateral entry) where ever applicable will be decided by the Syndicate from time to time. It will be open to a candidate who has passed 3 year Diploma from the recognized State Board of Technical Education in India with 60% marks in the aggregate. The admission will only be made in the corresponding or equivalent branches of degree courses. Admission to various affiliated colleges and Swami Sarvanand Giri P.U. Regional Centre, Bajwara, Hoshiarpur will be made on the basis of merit obtained in the Entrance Examination to be conducted by the Panjab University.
7. 1st, 3rd, 5th, 7th and 9th end semester examinations (major examinations) will usually be held in the month of November/December and 2nd, 4th, 6th, 8th and 10<sup>th</sup> end semester examinations (major examinations) will be held in the month of May/June every year or on such other dates as may be fixed by the Syndicate.
8. There shall be at least ten lectures/tutorials/Practical /drawing classes during the semester, for every hour of lecture/tutorial/practical per week i.e for each credit assigned to a subject shown in the schedule of teaching.
9. A student shall be eligible to appear in the examination only if he/she has attended at least 75% of the total classes held as mentioned above during the semester. The attendance shall be certified by the Chairperson of the University Department(s)/institutes/Director of Institute/Principal of College as the case may be.
10. On the recommendations of the Chairperson of the University Department(s)/institutes/Director of Institute/Principal of College as the case may be, Board of Control will have the power to condone the shortage of the attendance up to 10% per subject only as per the merit of each case.

11. A candidate who does not full fill the attendance requirements in any subject will have to repeat the course of instruction in that subject.
12. A candidate will be promoted to next year only if he has earned 50 % of the total credits of proceeding years. It means that for promotion to 2<sup>nd</sup> year, candidate should have earned 50% of the total credits of Ist year. For promotion to 3<sup>rd</sup> year a candidate should have earned 50% of the total credits of Ist and 2<sup>nd</sup> year and so on.
13. A candidate will be required to pass in all the subject as per the scheme of study of B.E course, where minimum pass grade/satisfactory completion is prescribed, in a maximum duration of  $6/7\frac{1}{2}$  academic years respectively counted from academic session in which candidate is first admitted in B.E program. If a candidate fails to pass the examination in the period of  $6 / 7\frac{1}{2}$  academic years B.E his/her candidature will stand automatically cancelled. This period of  $6 / 7\frac{1}{2}$  Academic years will also include the entire period of duration which he/she had suspended his/her studies on his/her own or has failed in the examination or debarred by the Panjab University from taking any examination.
14. If an error is detected in the grades despite every possible care having been exercised, the teacher-in-charge will bring the fact to the notice of the Chairperson of University Department(s)/Director of Institute/Principal of College as the case may be for its being placed before the competent authority appointed for the purpose by the university like Board of Control or equivalent. If the Board of Control approves the change, then revised grades shall be submitted to the University duly countersigned by the members of the Board of Control and Chairperson of University Department(s)/Director of Institute/Principal of College as the case may be for consideration within a maximum period of seven working days from the date of declaration of the result.
15. In case of any grievance, the student can always represent before the Board of Control.
16. A detailed grade card will be issued to each student for each semester. A candidate will be awarded the degree of B.E (Bachelor of Engineering) or integrated B.E in respective discipline on earning total credits (corresponding to core + electives (departmental + open) + other allied subjects) as prescribed in the scheme of study.
17. A candidate with CGPA of 8.0 and above will be awarded B.E degree with honours provided that the candidate has passed all papers in first attempt.
18. Fee for appearing in each semester examination will be as prescribed by the Syndicate/Senate from time to time. A candidate on reappear shall pay admission fee as prescribed by the Syndicate/Senate from time to time.

## (ii) Credit System

1. All B.E / integrated B.E programmes are organized around semester-based credit system of study. The credit system is based on continuous evaluation of a student's performance/progress and includes flexibility to allow a student to progress at an optimum pace suited to his/her ability or convenience, subject to fulfilling minimum requirements for continuation.
2. Performance/progress of a student is measured by the number of credits that he/she has earned (completed satisfactorily). Based on the course credits and grades obtained by the student, grade point average is calculated, subject to his qualification of minimum grade in each subject.
3. **Course Credit Assignment:** Each course has a certain number of credits assigned to it depending on the associated number of lecture, tutorials and laboratory contact hours in a week. A few courses are without credit and are referred to as non-credit (NC) courses.

4. Lectures and Tutorials : One lecture hour or one tutorial hour per week per semester is assigned one credit  
Practical / Laboratory Work: One laboratory hour per week per semester is assigned half credit.  
The credits are rounded off to the nearest whole number for each lecture or tutorial the self study component is 1 hour/week
5. **Earning Credits:** At the end of every course, a letter grade is awarded in each course for which a student had registered. On obtaining a pass grade (at least 'D' grade), the student accumulates the course credits as earned credits. Performance of a student is measured by the number of credits that he/she has earned and by the weighted grade point average. Grades obtained in audit courses are not counted towards the calculation of grade point average. However, a pass grade ('D' grade) is essential for earning credits from an audit course.

### (iii) Grading System

The grades and their respective description, along with grade points are listed in the Table-I given below.

**Table 1: Grade and its description**

Grade	Grade Point	Description
A+	10	Outstanding
A	9	Excellent
B+	8	Very Good
B	7	Good
C+	6	Average
C	5	Below average
D	4	Marginal
F	0	Very Poor
I	-	Incomplete
NP	-	Audit Pass
NF	-	Audit Fail
W	-	Withdrawal
X	-	Unsatisfactory
S	-	Satisfactory Completion
R	-	Poor class/Lab attendance

### (iv) Description of Grades

1. **A+ to C Grade:** The description is indicated in Table: 1 against each grade.
2. **D Grade:** The D grade stands for marginal performance. It is the minimum passing grade in any course. Still further, no student having 40 percent or more marks would be awarded failing grades of F.
3. **F Grade :** The F grade denotes very poor performance i.e. failing the course. If candidate gets F grade he/she will have to reappear in subsequent University examination as well as Internal Assessment examination for that subject.
  - Candidate will be allowed maximum of four attempts to appear in any semester examination. Grace marks will be awarded according to Panjab University Calendar Volume-II "Regulation for Examination" 28.1A.

- If a candidate does not avail any chance to appear in any examination whatever may be the reason he/she will not be allowed the relaxation in duration of four years.
4. **I Grade** : An I grade denotes incomplete performance. It may be awarded to a student if he/she has not fulfilled all the requirements of the course due to some extra-ordinary circumstances. I grade does not appear permanently in the grade card. Upon completion of all course requirements, the I grade is converted to regular grade (A to F, NP or NF)
  5. **NP and NF Grades** : These grades are awarded in an audit course. Audit pass grade (NP) is awarded if the student's attendance is above 75% in the class and has obtained at least D grade. If either of these requirements is not fulfilled, audit fail (NF) grade is awarded. The grades obtained in an audit course are not considered in the calculation of SGPA or CGPA.
  6. **W Grade** : A W grade is awarded in a course where the student has opted to withdraw from the course. Withdrawal from the course is permitted until one week after the first minor test.
  7. **X Grade** : The X grade is awarded for incomplete\ unsatisfactory work in independent study like thesis work, project work, field work, industrial training etc.
  8. **S Grade** : The S grade is awarded for complete\ satisfactory work in independent study like thesis work, project work, field work, industrial training etc.
  9. **R-Grade**: R grade will be awarded in case of poor class/lab attendance ( $\leq 75\%$ ). A candidate who does not fulfil the attendance ( $\leq 75\%$ ) in any subject he will get R Grade and he/she will have to repeat the course of instruction in that subject.

#### (v) Evaluation System

1. **Continuous Assessment**: There shall be continuous evaluation of the student during the semester. For evaluation purpose, total marks assigned to each subject shall be distributed as :
  - Two Mid semester Examination (Minor-1 and Minor-2) with 30 % of total marks assigned to the subject. Best Marks of one of these two will be considered for award of sessionals.
  - Assignments/Class projects/ short class tests/MCQ based quizzes/ projects/presentations/ group discussions/ Attendance with 20 % of total marks assigned to the subject.
  - One End Semester Examination (Major Examination) with 50 % of total marks assigned to the subject. It is compulsory to appear in End Semester Examination and secure at least 20% marks of total End semester exam marks.
  - If a candidate secures less than 20% marks of total End semester exam marks, he/she will be awarded F grade.
2. **Method for the Award of Grades**: For the award of grades in a course, all component wise evaluation shall be done in terms of marks. The components include: Midterm-1 and Midterm-2 examinations, Assignments/projects/class presentations/Attendance, and End semester examination as per PU regulations. The grades will be assigned as per the guidelines given below.

S.No.	Marks	Grade	Grade Point	S.No.	Marks	Grade	Grade Point
1.	$\geq 90$	A+	10	5	$\geq 50 \text{ \& } < 60$	C+	6
2.	$\geq 80 \text{ \& } < 90$	A	9	6	$\geq 45 \text{ \& } < 50$	C	5
3.	$\geq 70 \text{ \& } < 80$	B+	8	7	$\geq 40 \text{ \& } < 45$	D	4
4	$\geq 60 \text{ \& } < 70$	B	7	8	$< 40$	F	0



#### (vi) Evaluation of Performance

1. The performance of a student shall be evaluated in terms of two indices , viz. Semester Grade Point Average ( SGPA) and Cumulative Grade Point Average ( CGPA).
2. SGPA is the grade point average for the semester, and CGPA is the cumulative grade point average for all the completed semesters at any point in time.
3. The earned credits (E.C) are defined as the sum of course credits for course in which A+ to D grade has been obtained. For U.G students (B.E), credits from courses in which NP or S grade has been obtained are also added.
  - Points earned in a semester =  $\sum(\text{course credits} \times \text{Grade points})$  for which A+ to D grade has been obtained.

4. The SGPA is calculated on the basis of grades obtained in all courses, except audit courses and courses in which S/Z grade is awarded, registered for the particular semester.

$$\text{SGPA} = \frac{\sum (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses except audit and S/Z grade}}{\sum (\text{Course Credits}) \text{ Except audit and S/Z Grade Courses in a semester}}$$

In other words

SGPA= Points secured in semester/Credits Registered in the Semester,  
Excluding audit and S/Z grade courses

5. The CGPA is calculated as given below

$$\text{CGPA} = \frac{\sum (\text{Course Credits} \times \text{Grade Points}) \text{ for all courses with pass grade except audit and S/Z grade courses in all Semesters}}{\sum (\text{Course Credits}) \text{ Except audit and S/Z Grade Courses in all semester}}$$

6.  $\text{CGPA} = \frac{\text{Cumulative points secured in all passed courses (A to D Grade)}}{\text{Cumulative earned credits, excluding audit \& s/z grade courses}}$
7. Paper setting for End term examination (Major Examination or End semester examination) shall continue to be as per the procedure in place at present till any further modification is introduced.
8. There shall be no “special reappear examination”
9. Subject wise result in the form of grades awarded to each student at the end of each semester shall be prepared by the respective departments/institutes/college/center and sent to the university examination branch for the declaration of result and issuance of grade cards.
10. Course teacher should display the grades awarded to the students on the notice board after showing the answer scripts to the students within five working days. The process of evaluation should invariably be completed within seven days from the date of conduct of examination.

### **(vii) Internship Policy for Students**

As per Panjab University guidelines, students would go for in-house and industrial training as per schedule given below.

<b>S.No</b>	<b>Name of Training</b>	<b>Duration</b>	<b>Branch</b>	<b>End of Following sem</b>
1	Summer Training Innovative Product design	Four-weeks (in-House)	For all Branches	2 <sup>nd</sup> sem
2	Industrial Training	Six-Months (Industrial)	ECE	7 <sup>th</sup> sem
3	Vocational Training	Four-weeks (in-House/Industry)	Mech	4 <sup>th</sup> sem
4	Vocational Training	Four-weeks (Industry)	Mech	6 <sup>th</sup> sem
5	Industrial Training	Six-Months (Industrial)	Mech	7 <sup>th</sup> sem
6	Survey Practical Training	10 Days	Civil	4 <sup>th</sup> sem
7	Industrial Training	Four-weeks (Industry)	Civil	6 <sup>th</sup> sem
8	Industrial Training	Six-Months (Industrial)	Civil	7 <sup>th</sup> sem
9	Industrial Training	Six-Months (Industrial)	CSE	7 <sup>th</sup> sem

### **(viii) University Migration**

All the candidates migrating from other University/Board shall be granted provisional Admission, if the examination passed by the candidate from the other University/Board has been recognized equivalent in the list of "Equivalence of Examination" supplied by the Panjab University. However, this shall be subject to confirmation by the University. If the "Equivalence of Examination" is not confirmed by the University the candidate's name shall be removed from the College and he shall not be allowed to prosecute his studies at this college and he shall have no claim for the non-refundable dues. A student who has passed an examination from another university/board the equivalency of which has not been approved by the Panjab University is not eligible for admission even provisionally.

The candidate having passed their 10+2 Exam or equivalent Examination from University/Board other than Panjab University are also required to submit their migration certificate along with detailed marks certificate/ degree in original to the College office immediately after admission. In case anyone fails to submit these documents within one month after the date of enrolment, he will be responsible for the consequences whatsoever. Anyone failing to submit the documents within one month after the date of enrolment will be responsible for the consequence whatsoever.

## 5. SCHOLARSHIPS, LOANS, PRIZES AND MEDALS FOR B.E.STUDENTS

The following scholarships are available to the students in the college.

### (i) Merit Scholarships

1.	A scholarship of ₹65/month tenable for a year to be awarded annually to the 3 <sup>rd</sup> semester student who stands first in his class on the basis of 1 <sup>st</sup> and 2 <sup>nd</sup> semester university examinations.
2.	A scholarship of ₹50 for one year to be awarded annually to the 3 <sup>rd</sup> Semester student who stands second in his class on the basis of 1 <sup>st</sup> and 2 <sup>nd</sup> semester university examinations.
3.	A scholarship of ₹65/month tenable for one year to be awarded annually to the 5 <sup>th</sup> semester student who stands first in the class on the basis of 3 <sup>rd</sup> , and 4 <sup>th</sup> semester university examinations.
4.	A scholarship of ₹50 tenable for one year to be awarded annually to the 5 <sup>th</sup> semester student who stands second in his class on the basis of 3 <sup>rd</sup> and 4 <sup>th</sup> semester university examinations.
5.	Eight scholarships of ₹65/month each tenable for one year to be awarded annually to the students of 7 <sup>th</sup> Semester who stands first in each branch of engineering on the basis of their 5 <sup>th</sup> and 6 <sup>th</sup> semester examinations.
6.	Eight scholarships of ₹50/month each tenable for one year to be awarded annually to the students of 7 <sup>th</sup> Semester who stands second in each branch of engineering on the basis of their 5 <sup>th</sup> and 6 <sup>th</sup> semester university examinations

### (ii) Government Necessitous Scholarships:

1.	Four scholarships of ₹150/ month each tenable for one year to be awarded annually to the second semester students on the basis of 1 <sup>st</sup> semester university examinations.
2.	Four scholarships of ₹150 only tenable for one year to be awarded annually to the 3 <sup>rd</sup> semester students on the basis of 1 <sup>st</sup> and 2 <sup>nd</sup> semester university examinations.
3.	Four scholarships of ₹150 only tenable for one year to be awarded annually to the 5 <sup>th</sup> semester students on the basis of 3 <sup>rd</sup> and 4 <sup>th</sup> semester university examinations.
4.	Four scholarships of ₹150 only tenable for one year to be awarded annually to the 7 <sup>th</sup> semester students on the basis of 5 <sup>th</sup> and 6 <sup>th</sup> semester university examinations.

### (iii) Chandigarh Union Territory Merit-cum-Means Scholarships:

1.	The merit list will be prepared on the basis of the combined result of 1 <sup>st</sup> and 2 <sup>nd</sup> semester, 3 <sup>rd</sup> and 4 <sup>th</sup> semester, 5 <sup>th</sup> and 6 <sup>th</sup> semester, respectively every year in the beginning of the academic session.
2.	If due to any reason, the student to whom the scholarship is originally awarded does not accept, then it may be awarded to the student next in order of merit.
3.	College merit scholarship can be combined with other merit-cum-means scholarships or government necessitous scholarships.
4.	The rules for the awards of merit -cum-Means Scholarships are given in <b>Appendix 'A'</b> these are also applicable to the government necessitous scholarship.

5.	The students of 1 <sup>st</sup> year B.E. degree class should submit their application on prescribed forms for various scholarships and technical loans latest by 30 <sup>th</sup> September or the date fixed by the principal whichever is later. Blank forms can be had from academic section. Application/documents received after the prescribed date will not be entertained.
6.	The progress reports for the renewal of all scholarships viz. National Loan Scholarships of Government of India, Merit-cum-means Scholarships, Himachal Pradesh Government Stipends and Technical Loans etc. should be submitted within fifteen days from the declaration of the result of their annual examination by the date fixed by the principal whichever is later. Blank Progress Report Forms can be had from be academic Section.

**(iv) Free Education for Meritorious Scheduled Castes and Other Backward Classes Students**

To support students belonging to schedule castes and other backward classes, the administrator, union territory, Chandigarh hereby makes the following scheme.

1.	This scheme shall be called the <b>"Free Education for Meritorious Scheduled Castes and other Backward Classes Students, Scheme, 1988"</b> .
2.	This scheme is open for those students passing +2 level and seeking admission to the following courses of study, namely:- MBBS, BDS, BVSc, BAMS, DHMS, BE, B Architecture, Bachelor of Fine Arts, B Pharmacy, B.Sc (Nursing), Degree/Diploma in Hotel Management, Degree/Diploma in Laboratory Technology, B.Ed, M.Ed, LLB, LLM, MBA, MCA and other course decided by the committee.
3.	Applications under the scheme shall be invited by the Director Social Welfare, Union Territory, Chandigarh, by giving publicity through press, every year by 10 <sup>th</sup> of August.
4.	Selection of beneficiaries shall be done by a Committee headed by the Secretary Education Union Territory, Chandigarh, the Director Social Welfare, Union Territory, Chandigarh and DPI(C), Union Territory, Chandigarh as its members.
5.	The Director Social Welfare, Union Territory, Chandigarh, shall be the Drawing and Disbursing Officer, for the purpose.
6.	Assistance as under shall be given to the students so selected under this scheme:-
	a) A lump sum annual allowance of ₹5000 payable in one installment at the start of the academic session.
	b) Full reimbursement of tuition fees upto a maximum of ₹30,000 P A and other non-refundable charges payable to the institution.
	c) A monthly pocket allowance of ₹500 for day scholars.
	d) A monthly allowance of ₹1000 for hostellers.
	e) For students taking admission in cities other than Chandigarh, reimbursement of actual journey fare will be admissible thrice in one academic year. The fare for to and fro journey by ordinary bus or ordinary class rail should not exceeds ₹150.
	f) Minimum essential books and stationary.
	g) Any other allowance considered necessary by Administration from time to time.



7.	<b>Eligibility criteria:</b>
	Students fulfilling the following criteria shall be eligible under the scheme, namely:-
	a) The total annual family income of parents shall not exceed ₹2,50,000
	b) All those students having passed +2 examinations or qualifying examination from any college/school in the UT Chandigarh, in the first attempt, with a minimum of 50% marks and having studied in UT Chandigarh for a minimum of two years and whose parents are bonafide residents of Chandigarh for the last three years shall be eligible for the benefits under this scheme.
8.	<b>Mode of payments:</b>
	The payment of fees shall be made direct to the institution. If the student makes the payment, the same shall be reimbursed on the submission of a valid receipt. All payments shall be made by demand draft or cheque.
9.	<b>Withdrawal of benefit:</b>
	a) If at any time after the payment is made to the student, it is proved, after enquiry that the student has got the benefit by misrepresentation of facts or submitting false documents, the benefit shall be discontinued forthwith and the entire amount paid shall be recovered.
	b) Benefit shall also be discontinued if the student fails in the particular year or his/her performance is not found upto the mark by the Committee and the student discontinues course of study.
	c) Change of Address: It shall be obligatory for the student to intimate any change of address to the Director Social Welfare, Union Territory, Chandigarh.
	d) The Chandigarh Administration can, at any time relax or change any of the above conditions from time to time. Any interpretation or clarification subsequently required can only be issued by the Secretary Social Welfare, Chandigarh Administration.

#### (V) Merit-Cum Means Based Scholarship to Minority Communities

Chandigarh Administration is awarding the merit-cum-means based scholarship to poor and meritorious students belonging to Minority Communities who, are pursuing Technical/professional courses in Chandigarh and should have resided in U.T. Chandigarh before making the applications. The annual income of beneficiary/parents or guardian should not exceed ₹ 2.50 Lac from all sources.

##### 1. Rate of Scholarship

The rate of scholarship will be as under :

Sr.No.	Type of Financial Assistance	Rate for hostler	Rate for Day Scholar
1.	Maintenance Allowance (For 10 months only)	₹10,000 per annum (₹1000 p.m.)	₹ 5,000 per annum. ( ₹500 p.m.)
2.	Course Fee*	₹ 20,000 per annum or Actual whichever is less	₹ 20,000 per annum or Actual whichever is less
Total		₹ 30,000	₹ 25,000

#### (vi) Fee Concession

The following fee concessions are admissible to the students admitted to B.E. Degree courses from session 2003-04 and onwards.

1.	Half free ship on tuition fee shall be admissible to all the students belonging to the Schedule Caste/ Schedule Tribes.
2.	Full free ship on tuition fee would be provided to 5% of the sanctioned strength of the students for every course. The freeship will be purely on the merit list of the students in the previous year (both semesters taken together). Individually student will continue to avail free ship from year to year if he/she continues to remain on top 5% of his/her class.
3	Half free ship on tuition fee would be admissible to next 5% of the students on he same merit criteria as mentioned in pomit (2) above.
4.	The free ship as available at 1), 2) & 3) above shall be available after the 1 <sup>st</sup> year subject to the following conditions:-
	a) The student concerned clears all the examinations of the previous year in the 1 <sup>st</sup> available opportunity, and b) He/She had not been punished for any type of mis-conduct during the qualifying year.
5.	The meritorious students, who have been granted free ship, can also avail the facility of any other scholarship for which he/she is otherwise eligible.

#### (vii) Tuition Fee Waiver Scheme for Economically Weaker Section students

Technical Education Department, Chandigarh Administration, Chandigarh has implemented Tuition Fee Waiver Scheme contained in AICTE approval Process Hand Book 2011-12 to the extent of 5% of sanctioned intake in each course in respect of students belonging to Economically Weaker Section from the Academic Session 2014-15. The fee-waivers in the form of full free-ship on tuition fee shall be awarded on the basis of JEE merit. Branch wise distribution of seats for fee waivers is as follows:

Branch	Sanctioned Intake	Additional seats created (Supernumerary in nature) for Economically weaker section (5%)	Nos. of Seats to be filled in		Total
			Out of State Quota (U.T Chd) 85%	All India Quota 15%	
Civil Engineering	60	03	03	-	03
Mechanical Engineering	60	03	03	-	03
ECE	60	03	02	01	03
CSE	60	03	02	01	03
Total	240	12	10	02	12

The fee waiver shall be awarded to a student subject to fulfillment of following further conditions:

The fee-waivers in the form of full free-ship on tuition fee shall be awarded on the basis of JEE Main merit for the complete duration of the course i.e., for 4 years subject to the condition that a candidate should have passed the qualifying examination in First class (60% marks-proof to be attached) and the total family income from all sources should not exceed ₹ 2.5 lakh per year. For proof of family income from all sources the income certificate shall be accepted when issued by the competent authority, which shall mean Deputy Commissioner/Tehsildar/SDM or the employer as the case may be. In addition to this, an affidavit on non judicial stamp paper of ₹ 3 duly attested by a Magistrate, giving full details of total family income should also be submitted with the admission form.

The candidates admitted under this category shall be exempted from payment of tuition fee. However, such candidates shall be required to pay other funds as are being paid by other candidates. Candidates holding yellow cards/yellow ration cards would be given preference over other candidates provided other merit conditions remain the same. If at any stage affidavit is found to be false then the student shall be liable to be expelled from the college, refund the fee concession and further action will be taken as per provision of law. For continuation of the freeship in the subsequent years, the students must pass the previous examination with 60% marks in the aggregate. Further, the students should have passed the examination in first attempt i.e. should not have any re-appear/compartament. The number of students seeking this concession should be restricted to 5% of the total sanctioned intake in a class on the basis of the income of the parents.

- a) He/She should not be on academic or disciplinary probation.
- b) Free-ship would be discontinued if the student indulges in any act of indiscipline or violates the code of conduct.

**(viii) Reservation for Economically Weaker Section who are not covered under the existing scheme of reservations for the Scheduled Castes, the Scheduled Tribes and the socially and Educationally Backward Classes**

Chandigarh Administration, (Technical Education Department) Chandigarh has implemented reservation for Economically Weaker Section who are not covered under the existing scheme of reservations for the Scheduled Castes, the Scheduled Tribes and the Socially and Educationally Backward Classes in admissions in educational institutions to the extent of 10% of sanctioned intake in each course in respect of students belonging to Economically Weaker Section vide its letter No. 19/1/13-1H(10)-2019/7185, dated 01-05-2019. The admission of candidates against this category shall be made on the basis of JEE Merit subject to the fulfillment of following conditions:-

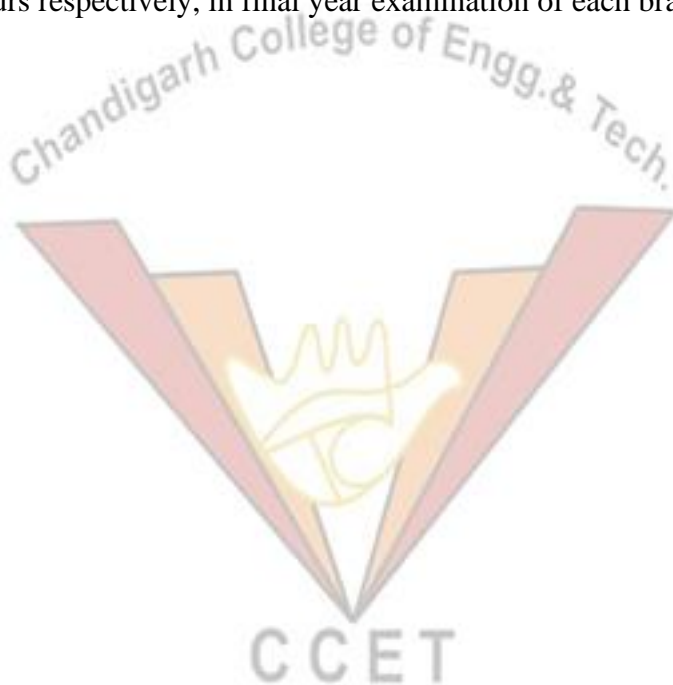
1. Persons who are not covered under the existing scheme of reservations for the Scheduled Castes, the Scheduled Tribes and the Socially and Educationally Backward Classes and whose family has gross annual income below Rs. 8.00 lakh are to be identified as EWSs for the benefit of reservation. Family for this purpose will include the person who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years. The income shall include income from all sources i.e. salary, agriculture, business, profession etc. and it will be income for the financial year prior to the year of application. Also persons whose family owns or possesses any of the following assets shall be excluded from being identified as EWSs, irrespective of the family income.

- (i) 5 acres of Agricultural Land and above;
- (ii) Residential flat of 1000 sq. ft. and above;
- (iii) Residential plot of 100 sq. yards and above in notified municipalities;
- (iv) Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

The income and assets of the families as mentioned in para 1 above would be required to be certified by an officer not below the rank of Tehsildar in the States/UTs. The officer who issues the certificate would do the same after carefully verifying all relevant documents following due process as prescribed by the respective State/UT.

**(ix) Prizes**

One and each prize of ₹ 250 and of ₹ 200 in the form of engineering books to be awarded to students who stand first with Honours respectively, in final year examination of each branch of Engineering.





## 6. FEE AND EXPENSES

The following fee and other expenses will be charged to students seeking admission to CCET (Degree) Chandigarh.

	1 <sup>st</sup> Year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year	
	July	Jan	July	Jan	July	Jan	July	Jan
<b>Govt. Dues</b>								
Admission	₹1000	-	-	-	-	-	-	-
Tuition Fee	₹24500	₹24500	₹24500	₹24500	₹24500	₹24500	₹24500	₹24500
Prospectus cost	₹100	-	-	-	-	-	-	-
<b>Total (A)</b>	<b>₹25600</b>	<b>₹24500</b>	<b>₹24500</b>	<b>₹24500</b>	<b>₹24500</b>	<b>₹24500</b>	<b>₹24500</b>	<b>₹24500</b>
<b>Non-Govt. Dues</b>								
Security	₹1000	-	-	-	-	-	-	-
Identity Card	₹50	-	-	-	-	-	-	-
Library Fee	₹500	-	₹500	-	₹500	-	₹500	-
College Logo for Blazer	₹50	-	-	-	-	-	-	-
Alumni Fund	₹300	-	-	-	-	-	-	-
Drawing Board maintenance, Hand-outs etc.	₹100	-	-	-	-	-	-	-
Institutional Membership	₹150	-	-	-	-	-	-	-
Amalgamated Fund : This includes: Magazine and souvenir etc., Medical Fee/Charges, Student Welfare Fund, Student Aid Fund, Cycle/Scooter stand fee/Charges, Periodical Test Fee, Library Book Replacement Fee/Charges, Audio Visual Aid/Projection Fee etc	₹1000	-	₹1000	-	₹1000	-	₹1000	-
Recreation and Sports	₹1350	₹400	₹400	₹400	₹400	₹400	₹400	₹400
Campus Development fee/Charges (Hostel, Sports, Open spaces, Labs, Securities & cleanliness etc.)	₹2000	-	₹2000	-	₹2000	-	₹2000	-
Computational Facility/Internet/ Networking/E-Akadmik	₹550	-	₹550	-	₹550	-	₹550	-
Students Club Fee/Charges	₹250	-	₹250	-	₹250	-	₹250	-
Training & Placement Fee/Charges	₹250	-	₹250	-	₹250	-	₹250	-
Student Insurance	₹40	-	₹40	-	₹40	-	₹40	-
<b>Total (B)</b>	<b>₹7590</b>	<b>₹400</b>	<b>₹4990</b>	<b>₹400</b>	<b>₹4990</b>	<b>₹400</b>	<b>₹4990</b>	<b>₹400</b>

<b>University Dues</b>								
Registration Fee	₹200	-	-	-	-	-	-	-
Enrollment Fee	₹200	-	-	-	-	-	-	-
Migration and Eligibility Fee	₹400	-	-	-	-	-	-	-
NSS Fee	₹20	-	₹20	-	₹20	-	₹20	-
P.U. Alumni House and Scholarship Fund	₹30	-	₹30	-	₹30	-	₹30	-
Sports Development Fee	₹49	-	₹49	-	₹49	-	₹49	-
Youth Welfare Fund	₹90	-	₹90	-	₹90	-	₹90	-
Student Holiday Home Fee	₹70	-	₹70	-	₹70	-	₹70	-
Sports Fee	₹206	-	₹206	-	₹206	-	₹206	-
World University Service Fund	₹50	-	₹50	-	₹50	-	₹50	-
College Development Council Fee	₹80	-	₹80	-	₹80	-	₹80	-
Property Tax/Misc. Charges	₹20	-	₹20	-	₹20	-	₹20	-
Continuation Fee	-	-	₹200	-	₹200	-	₹200	-
<b>Total (C)</b>	<b>₹1415</b>	-	<b>₹815</b>	-	<b>₹815</b>	-	<b>₹815</b>	-
University Examination Fee (D)	₹2575	₹2575	₹2575	₹2575	₹2575	₹2575	₹2575	₹2575
<b>Grand Total (A+B+C+D)</b>	<b>₹37180</b>	<b>₹27475</b>	<b>₹32880</b>	<b>₹27475</b>	<b>₹32880</b>	<b>₹27475</b>	<b>₹32880</b>	<b>₹27475</b>

**NOTE 1:** All students, at the time of initial enrollment to Panjab University courses in the campus or in the affiliated institutions shall pay ₹30 towards P.U. Alumni House and Scholarship Fund. The money so collected by the affiliated College/ Institutions shall be remitted to the said fund. 20% of amount so collected be distributed proportionately for award of scholarship to the University and college students.

**NOTE 2:** Sports fee and Sports development fee would be increased by 10% every year as per panjab university instructions.

### **HOSTEL CHARGES** **HOSTEL CHARGES (ANNUAL)**

<b>Govt. Dues</b>					
<b>Hostel Fee</b>					
a)	Room Rent	₹600	b)	Electric Charges Water Charges Fan Charges Furniture Charges	₹3000
<b>Grand Total</b>					<b>₹3600</b>
<b>Non –Govt. Dues</b>					
a)	Security(refundable within 6 Months, from the date of completion of the course or leaving the college. Thereafter this amount shall be Forefeited to the Govt. Fund	₹2000	b)	Mess Equipment Fee	₹500
c)	Computational Facility (internet)	₹300	<b>Grand Total</b>		<b>₹2800</b>

## 7. STUDENT WELFARE CELL

Student welfare cell is established under umbrella of Chandigarh College of Engineering and Technology (Degree Wing). The following faculty members are part of CCET student welfare cell.

1. Dr. Rajesh Kumar, Professor in Charge
2. Dr. Radhey Sham, President, Student Council
3. Dr. Gulshan Goyal, Secretary, Student Council

CCET endorses many Student clubs to bring out the creative side of the students. CCET encourages students to actively engage in clubs activities on campus. All clubs and organizations are led by students, for students. The various clubs at CCET (Degree Wing) are:

- |                                  |                             |
|----------------------------------|-----------------------------|
| 1. ACM Student chapter           | 9. Fine arts club           |
| 2. IEEE student branch           | 10. Punjabi by nature       |
| 3. National Service Scheme (NSS) | 11. Apostle of speech       |
| 4. NCC                           | 12. Achintyam               |
| 5. Dram-e-Baaz                   | 13. SCCAG                   |
| 6. Beatles                       | 14. IGNIS                   |
| 7. Symphony                      | 15. Electoral literacy club |
| 8. 7 Notes                       | 16. Legal literacy Club     |

### (i) Student Council Formation

Students themselves elect their student council and faculty only assist students.

1. Each class elect their two (02) Class Representatives.
2. Secretary student council (Faculty Appointed by Principal, CCET) invites applications from interested students for various positions of student council.
3. Interested students apply for desired positions.
4. Class representatives of all the classes then elect their student council from the applicants.
5. The proposed student council is then notified by the authorities.

### (ii) Activities by the Student Council

Student welfare cell promotes various academic, social and cultural activities through different clubs. Apart from routine activities, following activities are undertaken by student welfare cell at CCET (Degree Wing):

- |  |                                |
|--|--------------------------------|
| 1. Annual Techno Cultural Fest APRATIM | 2. Seven Days NSS Special Camp |
| 3. Blood Donation Camp                 | 4. Sports Meet                 |
| 5. Orientation Program                 | 6. IPD                         |
| 7. Convocation                         | 8. Alumni Meet                 |

### (iii) Anti-Ragging Squads

As per AICTE guidelines, various committees are constituted to handle ragging issues. The committees are as follows.

#### College Anti-Ragging Committee

Dr. M.S. Gujral, Principal	Chairman	01722750947
Dr. Rajesh Kumar HoD Civil. & I/c Anti Ragging	Convener	9478548248
Dr. Jatinder Madan, Prof. & Head, Mech. Engg. Deptt.	Member	9041291970
Dr. Sunil Kr. Singh, Prof. & Head, CSE Deptt.	Member	9818182457
Dr. Davinder Singh Saini, Prof. & Head, ECE Deptt.	Member	8146730369
Dr. Varun Gupta, Professor.a & Head,App. Sci.	Member	9646047091

Dr. Parul Aggarwal, A.P., Applied Sc. Deptt.	Member	8437911722
Sh. Hardeep Rana, Head of Office	Member	9988090708

<b><u>College Level Anti-Ragging Squads</u></b>		
Dr. Bhasker Gupta, Professor. – ECE Deptt.	First Squad	9855908643
Dr. Anil Kumar, Professor. – ECE Deptt.		9463739413
Mr. Sakib Perwez Khan, A.P.-Civil Engg. Deptt.	Second Squad	9041446876
Dr. Anil Kumar, A.P. – Civil Engg. Deptt.		9816290720
Dr. Radhey Sham, A.P., Mech. Engg. Deptt.	Third Squad	9888040982
Dr. Ashwani Kumar, A.P., Mech. Engg. Deptt.		9872823250
Dr. K.G. Sharma, Professor. – ECE Deptt.	Fourth Squad	9414403565
Dr. Dinesh Sharma, Asstt. Prof. – ECE Deptt.		9671721850
Dr. Parvinder Kaur, Assistant Prof., ECE. Deptt.	Fifth Squad	8295688911

#### **Hostel Level Anti-Ragging Squads.**

Dr. Dheerendra Singhm Hostel Warden (Boys)	9876439071
Ms. Sunita Mehta, Hostel Warden (Girls) – Diploma	9417555235
Ms. Taranjit Kaur, Hostel Warden (Girls) – Degree	9041059379

#### **(iv) Student Grievance Redressal Committee**

As per AICTE guidelines, the following student Grievance Redressal Committee is constituted to handle student matters.

<b>S.No</b>	<b>Name</b>	<b>Cell.No</b>
1.	Prof. Incharge Academic Affairs-Chairman	9818182457
2.	HoD CSE-Member	9818182457
3.	HoD ECE-Member	8146730369
4.	HoD-Mechanical Engg.- Member	9041291970
5.	HoD Civil Engg.-Member	9478548248
6.	HoD-Applied Science-Member	9646047091
7.	Head of office-Member	9988090708

#### **(v) Online Grievance and Redressal Mechanism**

As per directive of MHRD and AICTE, An online system for the registration and disposal of grievance is installed in CCET. It will provide structured mechanism for online registration as well as disposal of the grievances of students/faculty/stakeholders. The detail of online Grievance Redressal Mechanism is available on college website.

#### **(vi) Student Counselors**

As per AICTE guidelines, All branches of BE (1st semester) have been divided into groups of approximately 20 students each. Each group has been assigned a faculty Counselors as well as a student Counselors. The list of the Faculty Counselors is as follows.



S.No	Name	Group Allocated	Cell.No	Branch
1.	Er. Sudhakar Kumar Er. Animesh Dr. Sarabjeet Singh	Group 1 Group 2 Group 3	8434518635 9584035345 9463739413	CSE
2.	Er. Sakib Perwez Khan Er. Karuna Sharma Er. Taranjeet Kaur	Group 1 Group 2 Group 3	9041446876 8283833589 9814622761	Civil
3.	Er. Hardeep Saini Er. Irfan Ahmad Khan Dr. Anil Kumar Vaghmare	Group 1 Group 2 Group 3	9914611106 7835847022 9849079734	ECE
4.	Dr. Mukesh Kumar Er. V. Senthil Dr. Ashwani Kumar	Group 1 Group 2 Group 3	8054982293 9884121196 9872823250	Mech

#### (vii) NSS Unit at CCET

The NSS Unit at CCET (Degree Wing) continuously involved in developing the personality of students by involving them for community service. The Motto of NSS is "**Not Me But You**". The volunteers of the NSS Unit of Chandigarh College of Engineering and Technology (Degree Wing) under the guidance of **Dr. Gulshan Goyal, NSS Program Officer** has organized various events to sensitize various people in their surroundings. Annual NSS Camp on Theme “ **Swachh Bharat Abhiyan and Jal Shakti Abhiyan** ” was organized by from 25-02-2020 to 02-03-2020. Following major activities were organized:

1. NSS unit of CCET (Degree Wing) organized a Blood Donation camp on February 27, 2020.
2. NSS unit of CCET (Degree Wing) organized Yoga sessions during the camp.
3. NSS unit of CCET (Degree Wing) organized Cleanliness drives and Plantation drives in campus and nearby areas.
4. NSS unit of CCET (Degree Wing) organized a session on NSS Aims & Objectives by SLO, UT Chandigarh
5. NSS unit of CCET (Degree Wing) organized Financial Education Workshop (Investor Awareness Program) by SEBI
6. NSS unit of CCET (Degree Wing) organized an Expert Session on Life Skill Training .
7. NSS unit of CCET (Degree Wing) organized Quiz on Ek Bharat Shrestha Bharat on February 26, 2020.
8. NSS unit of CCET (Degree Wing) organized an expert session on Health Awareness
9. NSS unit of CCET (Degree Wing) organized a visit to School for Blind.
10. NSS unit of CCET (Degree Wing) organized an expert session on cancer awareness.
11. NSS unit of CCET (Degree Wing) organized a Survey and Cleanliness drives in nearby villages.
12. NSS unit of CCET (Degree Wing) organized Rangoli Making Competition on the theme of Jal Shakti and Ek Bharat Shrestha Bharat on March 1, 2020.
13. NSS unit of CCET (Degree Wing) organized Rally on Jal Shakti on March 2, 2020.

### (viii) Students Achievements

1. Japtyesh Singh Jaspal of 2<sup>nd</sup> year Civil won two Bronze medals in shooting at PU inter college shooting championship held from 05-07 October 2019.
2. Nishyajeet Singh from civil 1<sup>st</sup> year won Bronze medal in shooting during PU inter college shooting championship held from 05-07 October 2019.
3. Japtyesh Singh Jaspal of 2<sup>nd</sup> year Civil won Bronze medal in Shooting at 14<sup>th</sup> Asian Shooting Championship held from 03-10 November 2019 at Doha, Qatar.
4. Japtyesh Singh Jaspal of 2<sup>nd</sup> year Civil won Gold and Bronze medal in Shooting at All India Inter University Shooting Championship held from 12-13 November 2019 at New Delhi, India.
5. Japtyesh Singh Jaspal of 2<sup>nd</sup> year Civil won Gold, silver and Bronze medal at 62<sup>rd</sup> National Shooting Championship in December 2019 at Bhopal.
6. Paurush of 2<sup>nd</sup> year ECE won Bronze medal in Badminton at North Zone Inter University Badminton Championship in October 2019.
7. Mr. Nitin of ECE 1<sup>st</sup> year stood 2<sup>nd</sup> in CCET IDOL
8. ASME Student section CCET has organized Mechanical CAD competition and Mechanical Quiz, on 9<sup>th</sup> October, 2019.
9. Paurush of 2<sup>nd</sup> year ECE won - Silver medal in Badminton at All India Inter University Badminton Championship in January 2020.
10. Ashish Nayyar won Bronze medal in shooting during PU inter college shooting championship.
11. Rajwinder Singh of CSE cleared GRE (322/340) and TOEFL (111/120) exams
12. Sagar Virk of Mechanical cleared GRE (321/340) and TOEFL (111/120) exams.
13. Suhelbeer Singh Sandhu of ECE cleared GRE (320/340) and TOEFL (111/120) exams.
14. Vasu Garg of CSE cleared GRE (320/340) exam.
15. Aakriti Gupta of CSE cleared GMAT (700/800) exam.
16. Mr. Roopesh of Civil 1st year was selected for National Integration Camp to represent Chandigarh Directorate (NCC) for which he was awarded for excellent performance.
17. ASME Student section CCET has organized Mechanical CAD competition and Mechanical Quiz, on 9<sup>th</sup> October, 2019
18. Mechanical department has organized ASME Industry Institute Interaction Week for the mechanical students, held from 14<sup>th</sup> and 18<sup>th</sup> October 2019.
19. Mechanical Students have participated in Formula Bharat 2020 from January 22 -26, 2020, at the Kari Motor Speedway in Coimbatore.
20. The Mechanical students of CCET students have participated in e-Yantra Robotics Competition (eYRC) 2019-2020. This is a unique annual competition for undergraduate students in Engineering.
21. A 'Tech Quiz' was organised on 24<sup>th</sup> February 2020 for the students of CCET (Degree Wing).
22. An online 'Know your Alumni Summit' was organized on 9<sup>th</sup> May 2020 in which two distinguished alumni of CCET Mr.Kanishk Tyagi (Senior Manufacturing Equipment Engineer at Tesla, SFO Bay Area) a 2014 pass out along with Mr.Arush Sood (Doctoral Student, university of North Carolina) a 2017 pass out of CCET (Degree Wing) interacted with the students.
23. Mr. Harshdeep singh of ECE won 1<sup>st</sup> prize in a Song Writing Competition organized by Institution's innovative Council (IIC).
24. Ms. Davinder Kaur of ECE 1<sup>st</sup> year was awarded as Rotaractor of the year in Rotarct club Chandigarh/
25. Ms. Akanksha and Ms.Nandni of ECE 1<sup>st</sup> year stood first in collage making and won 2<sup>nd</sup> prize in rangoli making in Apratim

## 8. GENERAL RULES AND CONDUCT FOR STUDENTS

The students of CCET (Degree) wing must adhere to below mentioned academics and non-academic rules

### (i) Late Fee and Other Fines

1. The students will be required to pay all the fees due at the admission time immediately on enrolment. Subsequently total fees as payable as per fee schedule, circulated from time to time by college authorities.
2. A fine of ₹ 20 per day will be levied for first seven days from the last date of fee deposit and subsequently ₹ 50 will be charged per day for next seven days. The late payment of mess dues will be accepted with fine as provided in the Mess Rules. No Postponement of College dues will be allowed for any reason whatsoever including the non-receipt of loans/scholarships. If the last date of payment of fees falls on Sunday or any other holiday the next working day will be considered as due date .
3. Students who are on leave on the due date should arrange to remit their fees by money order, so as to reach the office on or before the due date. Cheques will not be accepted.
4. Students whose fee is delayed by more than four weeks may not be allowed to attend classes until all the arrears have been paid.
5. Where more than one installment of fee is in arrears, fine be levied on the above scale for each installment of fees.
6. Disciplinary and other fines imposed on the student will be collected along with the fees.
7. Students found to create indiscipline in the college would be fined from ₹100 to ₹1000 as per gravity/seriousness of the matter.

**Note: - The amount collected by way of penalty/fine towards fee will be deposited in the Govt. fund and other fines, like indisciplinary fine will deposited in the amalgamated funds. The Principal's decision concerning imposing/waiving of indisciplinary fine will be final and binding.**

### (ii) Refund Rules:

1. The amount of registration fee paid by a student at the time of counseling is non-refundable.
2. The Refundable deposits will be fully refunded whenever the student withdraws his admission from the institute.
3. If a student after being granted admission pays the fee but does not register with the institute on the prescribed date, withdraws his admission and applies for refund before the date of final counseling, the entire fee paid by him/her shall be refunded by Joint Admission Committee-2020 except for the non-refundable registration fee paid as registration-cum-counseling fee.
4. A student who withdraws his/her seat after the final counseling for admissions for the year has taken place, will not be entitled to refund of any fee paid by him/her except for the refundable deposits.
5. Refund of fee, in above cases, shall be made after the close of final counseling in applicable case

**Note:- All refund cases before the date of final counseling will be made by Chairman, Joint Admission Committee-2020 and accordingly student who want to withdraw his/her seat should submit his/ her application addressed to Chairman, Joint Admission Committee-2020 with a copy to Principal , CCET, Sector-26, Chandigarh.**

### **(iii) Leave and Attendance for B.E. Students**

1.	Students are expected to attend all classes and practical training regularly. Leave will be granted subject to the following rules:-
2.	The Principal is the sole sanctioning authority for leave. The name of a student may be struck off from the College rolls, if he does not attend classes continuously for a week without permission
3.	While a student is undergoing practical training outside the College, the leave will be sanctioned by the authorities of the respective Department/Organization concerned according to their rules
4.	All students will be subject to the attendance rules of the College as may be laid down from time to time.
5.	Leave of absence will be granted at the discretion of the Principal, Students exceeding the scale of leave sanctioned or absenting themselves without leave, will be liable to disciplinary action. The payment of scholarship will be made keeping in view the attendance record of the student.
6.	No student suffering from any infectious disease is permitted to-attend college. No student who has been absent on grounds of illness for a period of ten days or more will be permitted to attend the classes until he produces a certificate of fitness countersigned by the College Medical Officer.
7.	Students presenting the Institute in any Function/Fest/Sports/Seminar/Training and Placement activity etc with the prior approval of Principal, CCET, for that particular period they will be allowed academic leave subject to participation in the activity/event

### **(iv) General Discipline and Conduct of Student**

1. All students are under the disciplinary control of the Principal and conform to the rules of the college. Absence from Lecture, Practical or workshop and sessional tests without prior sanction will be viewed very seriously and disciplinary action taken against the defaulters. Breach of rules, misconduct, poor attendance or idleness will render a student liable to expulsion or other disciplinary measures, which the Principal may order. Such action is also likely, if in the opinion of the Principal reasonable progress and application in work and studies are not being shown. Admission to the next higher class shall be refused by the Principal /Chandigarh Administration for unsatisfactory conduct and behavior in the previous year.
2. All the students are directed to dress properly in College, Hostels, Mess, Playfields, Gym., Clubs etc. They should equip themselves with:-
  - a. College blazer of navy blue color with college insignia, silver gray trousers and necktie.
  - b. White shirt and white trousers for summer.
  - c. Navy blue colour Track suit and Orange & Golden Stripes T. shirt for sports and games.
  - d. Khaki shirt and khaki trousers for college workshop.
  - e. The girl students have the option to wear salwar suit of prescribed shade;
3. Students who absent themselves for seven days without notice either from the college or from practical training may not be allowed to attend classes until a satisfactory explanation is submitted and accepted.
4. Student desiring to resign from college must apply in writing and such application be supported by his parents or guardian.



5. Student are strictly forbidden from forwarding applications, appeals or any other communication direct to any authorities other than the Principal and any contravention of this rule will be liable to disciplinary action.
6. Students are permitted to form and carry on only such associations or clubs (recreation or otherwise) at the college as have been regularly sanctioned by the Principal and for which sanction must have been reconfirmed at the beginning of each new session. All associations must be open to membership regardless of religion, community or political ideology. In no circumstances any association the objective of which is directly or indirectly communal or political will be permitted.
7. Students claiming benefits/ concession whatever on medical grounds are required to submit medical certificate from a government hospital or dispensary/ college medical officer. The certificate should be submitted within a week of rejoining the college after illness by the student concerned.
8. Any student found under the influence of intoxication of drugs/alcohol either in the college or in the hostel is liable to strict disciplinary action leading up to expulsion from the college.
9. The name of the student who fails to submit the university examination form for the semester in which he is studying without the approval of the Principal shall be removed from the rolls of the college.
10. The students are advised to see the notice displayed on the college/ hostel notice boards. The notices displayed on the various notice boards are deemed to have been served on the student.
11. A student who is found to have committed any act of indiscipline is liable to any one or more of the following punishments. (i) Warning (ii) Censure (iii) Fine (iv) Reduction/Cancellation of scholarship/stipend/Fellowship (v) Recovery in part or full of losses or damages to the institute property or property of others caused by the delinquent student (vi) Suspension from availing of any of the Institute amenities and services or from class (vii) Removal, rustication or expulsion from the institute or hostel (viii) withholding of character certificate. Ragging of juniors students will invariably lead to expulsion from the institute.
12. **Candidates found guilty of using unfairmeans:-** Candidates found guilty of using unfairmeans during the course of examination or indulging in any type of misbehavior are liable to be punished in accordance with the Regulations of the university incorporated in Chapter II of the Panjab University Calendar Volume II, 2007.

#### **(v) Anti Ragging Guidelines**

Ragging in any form inside or outside the campus is strictly prohibited and is considered to be a serious offence, as per the ruling of Hon'ble Supreme Court of India and AICTE Regulations, 2009, notified vide notification NO. F. No. 37-3/Legal/AICTE-2009 dated 01-7-2009. Any student found indulged in ragging will be in dealt with severally Administratively as per the directions of the Hon'ble Supreme Court and AICTE regulation called Prevention and Prohibition of Ragging in Technical Institutions, Universities including deemed to be Universities imparting technical education, Regulations 2009 (Anti Ragging ). The student who got admission in B.E 1<sup>st</sup> year and his/her parents/guardian is separately required to furnish an affidavit duly attested by the Magistrate first class, as required under clause 5, Sub-Clause 3 & 4 of the AICTE Regulation, as per specimen appended as **annexure-I and II**.

### **Ragging of junior students:**

As per the decision of the Hon'ble Supreme Court vide Writ Petition (Civil) No. 656 of 1998, 'Ragging is an undesirable Social Offence which is totally banned in the Institute' Broadly speaking ragging is :

"Any disorderly conduct whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness any other student, indulging in rowdy or undisciplined activities which cause or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehensions there of in a fresher or junior student or asking the student to do any act or perform something which such student will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student".

The following could be possible punishments as per the decision of the Hon'ble Supreme Court.

- Cancellation of admission.
- Suspension from attending classes.
- Withholding/withdrawing scholarship/fellowship or other benefits.
- Debarring from appearing in test/examination or other evaluation process
- Withholding results.
- Debarring from representing the Institution in any national or international meet, tournament, youth festival etc.
- Suspension/expulsion from the hostel.
- Rustication from the Institution for periods varying from 1 to 4 semesters.
- Expulsion from the Institution and consequent debarring from admission to any other Institution.
- Fine up to ₹25,000
- Rigorous imprisonment up to three years.

The Principal's decision in all matters is final.

### **(vi) Hostel Rules**

- CCET (Degree Wing) has limited hostel facilities on sharing basis with CCET (Diploma Wing). Students will be provided hostel facility subject to availability only.
- In case a Student leaves the hostel in any month during the semester to suit his own convenience the Whole Fee Paid for the un-expired period of the semester concerned will not be refunded.
- For obtaining refund student concerned should obtain Clearance Certificate from the various College Department/Mess, office concerned before leaving the College and also intimate the latest address on which the amount of security is to be remitted. However, a clearance certificate is not required if a student has not attended any classes thereof from the Incharge Academic.
- Cash security will not be charged from the students on their producing proof that they belong to a tribal area.
- The students will be charged an additional fee as mentioned below against each item if they elect to become member of these clubs/activities:-

a)	Tennis	₹200 per annum	e)	Boating/Rowing	₹150 per annum
b)	Badminton	₹150 per annum	f)	Hiking and Trekking/Adventure Club	₹150 per annum
c)	Squash	₹150 per annum	g)	Swimming Pool Activities	₹200 per annum
d)	Gymnasium	₹200 per annum	h)	Table Tennis	₹150 per annum
<b>Grand Total</b>					<b>₹1350 per annum</b>

Subject to availability of activity fees shall be charged only on start of activity.

6. Light bulbs/Tube rods in the hostel rooms are not provided or replaced by the college.
7. Any student who fails to pay the College dues by the prescribed date may be fined, suspended or ultimately removed from the college.

**(vii) Rules Regarding Maintenance of Discipline in the Hostel**

1. The residents are expected to live in the hostel as a community and with a full sense of responsibility.
2. The residents are not allowed to gamble in the hostel premises.
3. The residents are not allowed to bring intoxicants and take part in activities of intoxication in any form in the hostel premises.
4. The residents are not allowed to keep guests in their rooms, except with the prior written permission of the Hostel Warden.
5. The residents shall not commit any breach of peace in the hostel premises.
6. The residents shall not invite undesirable elements into the hostel premises.
7. The residents are not permitted to stay overnight out of their hostels, or go out of station without prior permission of the Hostel Warden.
8. The residents are not permitted to install and use any electric appliance except a wall light, a table lamp and a table fan for their rooms. A breach of this rule results in the forfeiture of the appliance seized.
9. Residents are not permitted to keep with them any offensive weapon, such as fire arms, Kirpan or -Khukhri, etc. Strict action will be taken against anyone found in possession of such a weapon.
10. A Hostel Discipline committee comprising of senior and nominated members shall assist the Hostel Warden in monitoring the discipline in the Hostel.
11. A resident shall not keep cash exceeding ₹ 500 with him in room. Cash in excess of this shall be deposited with the accountant/Mess Manager.
12. The residents are not allowed to keep costly items like T.V., Computers, Stereo decks etc. in their rooms.
13. The allotment of seats rests with the Hostel warden. No boarder is allowed to change his room or furniture without prior permission of the authorities. This will apply even if the change is mutual.
14. Students are expected to refrain from disfiguring walls, doors etc. and removal of glass panes. This will help towards better maintenance of the hostel.
15. Boarders, who are in arrears of any mess bill for more than a month, shall have to vacate their seats in the hostel.
16. Habitual defiance of any of the Hostel Rules/Instructions will render resident student liable to disciplinary action.
17. These rules may be amended, substituted, or deleted without notice.

**Disciplinary action for violating discipline in the hostel:**

1. Violation of the above rule will invite strict disciplinary action including expulsion from the hostels.
2. A resident found to have created indiscipline in hostel/mess may be fined ₹100 to ₹1000 per head depending upon the gravity/seriousness of the act.
3. Resident who has been fined for rule, may be called upon to make good any loss or damage or breakage of any Government or Private property.
4. The Principal's decision concerning all hostel matters will be final and binding.

## 9. CENTRAL CELL

CCET (Degree wing) have state of the art central facilities like

### (i) Industry Institute Relationship Cell (IIRC)

Better interaction between institutions and industry is most important requirement in present scenario. This will have great bearing on the engineering research & project, exposure of industrial atmosphere to engineering students and subsequent placement of young graduating engineers in industries across the globe. With the advent of globalization and opening up of Indian economy to outside world, CCET (Degree Wing) started INDUSTRY-INSTITUTION RELATION CELL (IIRC) with aim to enhance globe reputed industry and institute interaction with CCET students and minimize the gap between academia and industry for better exchange of their expertise resources to produce skill based nation building technical manpower. There is an urgent need to prepare engineering students for jobs in multinational companies and research organizations, by exposing them to newer technologies and engineering methodologies. These aims can only be achieved well by bridging the gap between industry and the academic institute. With this aim, IIRC invites scientist, Academic researchers, thought-leaders, entrepreneur, industry executive, policy maker and other renewed orator to address and share their expertise to students. In association with training & Placement department, IIRC also help and provide the training in the area of behavior, strategy, leadership, business knowledge, soft skill and communication development. The IIRC also facilitates consultancy, sponsored R&D projects and industrial and academic trainings those are not prescribed in the syllabus in addition to conducting industrial exhibitions and interaction meets. This cell will enable the academia and industries in particular to know about the facilities on training, testing and research activities in the college's departments.

S.No	Name of Faculty	Designation
1.	Dr. Anil Kumar	Incharge IIRC
2.	Dr. Ankit Gupta	Joint Incharge IIRC

### (ii) Institute Public Relationship Cell

The Institute Public Relationship Cell is dedicated to develop a healthy relationship between alumni, scholars, parents and general populace. It is very necessary to interact with these stakeholders to inform about students' achievements and success for all round development of institute. To meet the objective, IIRC is very much committed to give real reports and feedback to these stakeholders. This cell is a mirror of the institution which presents various pictures of students' achievements. This cell acts as a interface to provide point of contact for different national media houses to cover different activities related to academic, cultural, literary and sports organized at the campus by different departments and offices. At the same time, it is prime duty of this cell to convince these media houses to pay attention and highlight these activities to their newspaper and online media. Through this, we can develop and strengthen the positive and productive relationship to national print and electronic media. The media coverage includes the preparation of press releases in English, Hindi and Punjabi languages and their further transmission to the newspapers and online media along with concerned photographs. It makes arrangements for photography and videography of events and occasions and maintains a record of newspaper clippings. It is responsibility of this cell to provide any types of guidance to any visiting guests and renowned dignitaries and clear any queries regarding any activities of institutions.

S.No	Name of Faculty	Designation
1.	Dr.Sunil K.Singh	Incharge IIRC



### **(iii)Institute Publication cell**

Institute Publication Cell coordinates the publication of biannual college newsletter “Fingerprint” as well as college magazine “Chrysalis”. Till date the cell has published 5 issues of newsletter “Fingerprint ” and one volume of the magazine “Chrysalis”.

S.No	Name of Faculty	Designation
1.	Dr.Varun Gupta	Incharge IPC
2.	Dr. Sunita Prashar	Joint incharge IPC
3.	Dr.Vettivel SC	English Language Editor
4.	Er. Anil Kumar	Hindi Language Editor
5.	Mr. Sarabjeet Singh	Punjabi Language Editor

### **(iv) Institute Innovation and Entrepreneurship Development Cell**

The Institute Innovation and Entrepreneurship Development Cell (IIEDC) is formed to develop institutional mechanism to create innovation and entrepreneurial culture in the budding engineers. IIEDC is started to assist the growth of the society by enabling the entrepreneurs with integrity and sustainability. Activities of this cell include Awareness Programmes, Exhibition of innovation Projects, Lectures from eminent personalities, Mentoring Students, Assisting in getting financial support for Startups. IIEDC provides inputs regarding initiating, planning and launching of successful economic viable units through constant guidance, mentoring, various programs and schemes of the Govt.

S.No	Name of Faculty	Designation
1.	Dr. D S Saini	Prof. Incharge IIEDC
2.	Dr. Ashwini Kumar	Coordinator I

### **(v) Institution Innovation Council (IIC)**

The primary objective of the IIC is to encourage, inspire and nurture the students by supporting them to work with new ideas and transform them into prototypes.

#### **Functions of Institution’s Innovation Council**

- Promote innovation in the Institution through numerous ways leading eco-system in the campus.
- To conduct various innovation and entrepreneurship-related activities.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Organize Hackathons, idea competition, project exhibitions, mini challenges etc., with the involvement of industry.

S.No	Name of Faculty	Designation
1.	Dr.D.S Saini	President
2.	Dr. Ashwini Kumar	Faculty Convener
3.	Dr. Ankit Gupta	Faculty Member

**(vi) Internal Quality Assurance Cell (IQAC)** As per AICTE directive, every institute has to maintain IQAC cell in their college to develop a system for conscious, consistent and catalytic improvement. The CCET also established the IQAC cell as mentioned.

S.No	Name of Faculty	Designation
1.	Dr.D.S Saini	Incharge IQAC cell

#### (vii) Research and Consultancy

For any institute, scientific research and industries consultancy is very much necessary for high quality engineering education, where faculties and students can apply their knowledge to innovative things and can come up newer inventions. These innovations and inventions are very important for any nation to cater the upcoming challenges related to human kind. This cell is determined to fetch world class projects from the government organizations like ISRO, DST etc. and various industries like Infosys, Oracle etc. to encourage the research and development in CCET. The research activities are department centric. Each department contributes towards the research and development independently. The institute actively participates in sponsored research and development projects and has a joint collaboration with eminent institutes in India. PhD students are actively participating in research and development activities.

#### (viii) Internet and Wi-Fi facility

The Internet connectivity of 100 Mbps is provided through wired and Wireless connectivity (Wi-Fi) throughout the campus and has strong backbone of 25 access point links within the campus. Students, Faculty and staff can access internet without any hassle of wires and plug-ins. The college provides internet and intranet access to all students and staff for instructional purpose at par with colleges internationally. The class rooms are provided with wireless access points for the students to make use of internet and intranet.

#### (ix) Notice Board

Centralized as well as departmental wise notice board is maintained and the students are advised to go through them on regular basis for updated information

#### (x) Central Library

The Central Library in CCET Degree Wing is air-conditioned library holding the impressive collection of academic resources in the form of books, e- journals, e-books (as per AICTE Norms), Competition Books, Magazines and Newspapers on a variety of subjects including Science & Technology. It has a collection of nearly 13500 books. All in-house operations in the library are fully computerized using the Alice for Window Software. The issue/return of books using barcode has been functional since July 2014. The library facilitates an open access system to about 1200 members both faculty and students imparting/pursuing studies in four different branches of Engineering. These branches include Mechanical, Civil, Electronics & Communication and Computer Science. Information about CCET Library Degree Wing is now available on our website <http://ccetchdlibrary.weebly.com>. It includes: e-databases such as e-books, e-journals and e-tutorials, e-dictionaries, encyclopaedias, thesaurus, course materials-syllabus and reading list. Services of library include OPAC(Online Public Access Catalog), email reference to the librarian, online feedback. The links provided in the library website include National Digital Library, Grammar Checker, Plagiarism Checker, NPTEL, IGNOU, E-Newspapers, Google Translation.

#### 1. List of Library Staff

a)	Professor in-charge Library	Prof. D.S Saini
b)	Sr. Librarian	Shalini Wasan
c)	Library Assistant	Karamjit Kaur

## 2. Library Rules

a)	Three books will be issued per library card for one month. Librarian may summon the return of the books earlier as and when required.
b)	One time reissue of books is allowed.
c)	A fine of Rs 1 per day will be imposed for every book returned late.
d)	Student will be required to pay the price of book in case book is lost, in addition fine of Rs 10 will be taken as penalty.
e)	Marking on books, defacing or tearing of pages is not permissible and the defaulters have to pay the price of the book.
f)	Reference books are not to be lent out except in special cases with the permission of librarian.
g)	It is the duty of the student to check for the missing pages (if any) of book before getting it issued, otherwise at the time of returning a book, a new book will be taken from him/her.
h)	Before a student leaves the college or migrates to some other college he/she has to return all the library books and obtain No Dues Certificate (NOC) from the librarian.
i)	The books will also be issued during examination time. Thus, NOC shall be required to obtain from the librarian within one week of the end of exams.



CCET

## 10. INSTITUTE ACTIVITIES

1. India Skills celebrates World Youth Skills Day through the Online Webinar Series 2020.
2. World Skill India-2020 "Webinar on Mechanical Engg. CAD" was held on 08th July 2020.
3. Internal Smart India Hackathon was organised in the campus on February 6, 2020.
4. The Institute Innovation and Entrepreneurship Development Cell (IIEDC) of CCET organized Entrepreneurship Awareness Camp (EAC) for students from 30<sup>th</sup> October 2019 to 01<sup>st</sup> November 2019.
5. The Institute Innovation and Entrepreneurship Development Cell (IIEDC) of CCET organized Innovative Product design (IPD) Expo 2019 for students on 24<sup>th</sup> September 2019.
6. Institute Innovation cell (IIC) of CCET organized various Leadership Talk series (Online mode) for students in association with MHRD's Innovation Cell, Govt. of India.
7. Institute Innovation cell (IIC) of CCET organized field /exposure visit to nearby market for students so as to identify real life problem and to find solutions for them.
8. Institute Innovation cell (IIC) of CCET celebrated Innovation Day (15<sup>th</sup> October 2019) to mark Dr. A. P. J. Abdul Kalam's Birth Anniversary.
9. Institute Innovation cell (IIC) of CCET organized field/exposure visit to industry/prototype laboratory for students.
10. Institute Innovation cell (IIC) of CCET organized online session on "National Innovation and Startup Policy for Students and Faculty 2019 - A Guiding Framework for HEIs for Implementation" for students in association with MHRD's Innovation Cell, Govt. of India.
11. Institute Innovation cell (IIC) of CCET organized online session on "Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage" for students in association with MHRD's Innovation Cell, Govt. of India.
12. IIC of CCET organized online session on "Hangout with Emerging Innovator & Entrepreneurs Supported through MIC & AICTE".
13. IIC of CCET organized online session on "Role of Network Enablers in driving I&E in HEIs - A Case of TiE, India".
14. IIC of CCET organized online session on "Hangout with Successful Start-up Founder".
15. IIC of CCET organized online session on "Entrepreneurship, Business Idea and Business Model Canvas".
16. IIC of CCET organized online session on "How to Identify Right Problem and Solution using the Double Diamond Approach in Design".
17. IIC of CCET organized online session on "Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups".
18. IIC of CCET organized online session on "Understanding Angel and Venture Capital Funding - What is there for Early Stage innovator & Entrepreneurs".
19. IIC of CCET organized online session on "Legal and Ethical Steps - Productive Entrepreneurship and Start-up".
20. IIC of CCET organized online session on "Innovating Self- Screen and Identify right opportunities".
21. IIC of CCET organized online session on "Understanding Role and Application of

- Marketing Research at Idea to Start up Stage - Foundation Level”.
22. IIC of CCET organized online session on “Innovation Risk Diagnostic &” Product Innovation Rubric(PIR)”.
  23. IIC of CCET organized online session on “Idea, Entrepreneurship Opportunities, Business Model and Business Plan”.
  24. IIC of CCET organized online session on “Use of Market Data and Application of Marketing Research Tools and Methodology - Increasing Chances of Survivability of Innovation and Venture - Advance Level”.
  25. IIC of CCET organized online session on “Frugal Innovations and Social Entrepreneurship”.
  26. IIC of CCET organized online session on “Interaction with Student Innovators and Entrepreneurs Emerged from Smart India Hackathon (SIH)”.
  27. NSS unit of CCET (Degree Wing) organized International Yoga Day on 21st June, 2019.
  28. NSS unit of CCET (Degree Wing) participated in Swachh Bharat Summer Internship (SBSI)- 2019 from June 2019 to July 2019.
  29. NSS unit of CCET (Degree Wing) celebrated Jal Diwas on 22 July 2019.
  30. NSS unit of CCET (Degree Wing) organized Tree Plantation Drive on 31 July, 2019.
  31. NSS unit of CCET (Degree Wing) organized Youth Day and Independence Day Celebration in August 2019.
  32. NSS unit of CCET (Degree Wing) celebrated Teacher’s Day on 5 September, 2019.
  33. NSS unit of CCET (Degree Wing) organized Plastic Free Chandigarh Campaign in association with MC Chandigarh in September 2019. N
  34. NSS unit of CCET (Degree Wing) organized NSS Day celebration in September 2019.
  35. NSS unit of CCET (Degree Wing) participated in Global March for Single Use Plastic Free Green World & Swachh Chandigarh Rally on 2 October 2019.
  36. NSS unit of CCET (Degree Wing) celebrated 150<sup>th</sup> Birth Anniversary of Mahatma Gandhi.
  37. NSS unit of CCET (Degree Wing) organized activities related to plastic free Chandigarh as per social theme of Annual Techfest APRATIM-2019.
  38. NSS unit of CCET (Degree Wing) participated in Run for Unity on 31st October 2019.
  39. NSS unit of CCET (Degree Wing) organized Rashtriya Ekta Diwas on October 31, 2019.
  40. NSS unit of CCET (Degree Wing) organized Vigilance Awareness Week from October 31, 2019 to November 4, 2019.
  41. NSS unit of CCET (Degree Wing) organized Constitution Day activities on 26th November, 2019.
  42. NSS unit of CCET (Degree Wing) observed Swachhata Pakhwada and cleanliness drives during 2019-20
  43. NSS unit of CCET (Degree Wing) celebrated National Girl Child Day. in January 2020.
  44. NSS unit of CCET (Degree Wing) volunteers completed IGOT Training on Covid-19.
  45. NSS unit of CCET (Degree Wing) conducted an online survey on the condition of people in Chandigarh during the Covid-19 lockdown.
  46. NSS unit of CCET (Degree Wing) organized an online session on International Yoga Day on June 20, 2020.
  47. NSS unit of CCET (Degree Wing) volunteers donated masks.
  48. NSS unit of CCET (Degree Wing) celebrated Doctor’s day by spreading awareness through video messages on Jul



## APPENDIX "A"

### Rules Regarding Chandigarh Union Territory Administration Merit -Cum-Means Scholarship Scheme in Chandigarh College of Engineering and Technology, Sector-26, Chandigarh

**1. General:-** The Chandigarh Union Territory Administration has formulated a scholarship scheme to grant scholarships to deserving students in Degree Courses in Chandigarh College of Engineering and Technology, Chandigarh.

**2. Value of scholarships and tenure: -** The value of scholarships will not exceed ₹100 or as fixed by Government from time to time. Number of scholarships to be allotted to each institution will be as fixed by Government from time to time. These scholarships will be valid for one academic year.

**3. Eligibility of candidate for the award:-** Those candidates who satisfy the following tests in regard to means as well as merit would be eligible for the award of the scholarships:-

(a) Conditions in regard to means: - A candidate should be eligible only if the family income does not exceed ₹18, 000 p.a. (₹1, 500 p.m.) i.e. ₹300 p.m. family per capita income:-

- The annual income of student's family will be worked out after including salaries, profit income from immovable property houses, land shares, interests etc. and will include the income of all earning members of the family.
- The maximum number of dependants who will be considered as supported by one earning member of the family will be limited to five (5) inclusive of student's father and mother.
- Monthly income per capita will be worked out by dividing the annual income by 12 time the number of dependants subject to the conditions as prescribed under (2) above.
- Conditions in regard to merit:- Those who become eligible on the basis of the above conditions in regard to means would be considered for scholarship only if they obtain not less than 60 percent marks indicated below:-

(b) In case of first year students on the result of 1<sup>st</sup> Semester.

(c) In the case of second and subsequent years on the basis of the aggregate marks of both the semesters of the related annual examinations.

#### **4. Method of selection: -**

(a) The application for scholarship will be submitted in the College direct on the form prescribed by the Director, Technical Education, Chandigarh Union Territory.

(b) The final selection from amongst the eligible candidates who satisfy the means criteria as laid down in para (3) (a) shall be made entirely on the basis of merit.

**Explanation: -** Suppose there are 20 eligible candidates at the institution, viz. who have secured at least 60 per cent or more marks in the examination as mentioned in para 3(b) and whose family per capita income does not exceed ₹150 per month from all Sources. Suppose that institution has been allotted 12 scholarships, the names of the 20 eligible candidates should be arranged in the descending order of merit on the basis of marks. The scholarships would be awarded on the top 12 boys from the list.

#### **5. Terms and conditions of the award:-**

(a) If a selected candidate Secures or is enjoying scholarships, from any other source, the scholarship Will be awarded to the next deserving candidate. In case, however, a selected student is already in receipt of a scholarship of lesser than the scholarship under the scheme the value of the merit-cum-means scholarship will be adjusted that the total assistance provided to him from all sources excluding loan does not exceed the scale of scholarship under these rules.

(b) Any scholarship which falls vacant due to one reason or another will be awarded to the next selected candidate on the list.

(c) Exemplary conduct or attendance is expected from scholarship-holder. Misbehavior may result in cancellation in part or whole temporarily or permanently of a scholarship quite apart from any disciplinary action which also may be taken.

(d) If a scholarship- holder discontinues his studies before the completion of session without any valid reason or is expelled from the institution for any misbehavior, he shall be liable to refund the entire amount of scholarship received by him during the session. The Director, Technical Education, Chandigarh Union territory, shall be the final authority to determine whether he left his studies for valid reason or not.

(e) If a scholarship- holder changes his institution during the academic session or at the end of the session he will not be permitted to carry his scholarship along with him.

#### **6. Mode of payment:-**

(a) Payment of the amount of scholarship will be made by the Director, Technical Education, Chandigarh Union Territory, to the Institution concerned in six monthly installments in advance. The Head of the Institution will disburse the amount to the scholar on monthly basis at the end of every month.

(b) The name of the students, selected for the award of scholarships, should be communicated to the Director, Technical Education, Chandigarh Union Territory, by the Institution in the forms prescribed by the Director, Technical Education, together with a list of all the eligible students in each case.

(c) Stamped receipts together with a statement of accounts showing disbursement of the scholarship amount to the scholars should be furnished to the Director, Technical Education, Chandigarh Union Territory, at the end of every six months.

(d) The payment of the scholarship shall start from the date of joining the Institution.

#### **7. Leave**

(a) Leave of absence up to 15 days in a year for reasons other than illness may be granted by the Principal without any loss of scholarship. In exceptional case, however, the Principal may at his discretion grant leave of absence up to 30 days in a year without loss of scholarship.

(b) Leave of absence on account of illness up to two months in a year may be granted by the Principal without any loss of scholarship on production of a certificate from a Medical officer approved by the institution.

(c) If a scholar remains absent from the Institution without leave for more than 15 days at a time, he will be liable to forfeit the scholarship.

**Annexure-I**

**UNDERTAKING BY THE CANDIDATE/STUDENT**  
**(2020-21)**

1. I \_\_\_\_\_ S/o, D/o of Mr/Mrs/Ms \_\_\_\_\_  
have carefully read and fully understood the law prohibiting ragging and the directions of the Supreme Court and the Central/State Government in this regard.
2. I have received a copy of the UGC/AICTE Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, (2009) and have carefully gone through it.
3. I hereby undertake that:
  - I will not indulge in any behaviour or act that may come under the definition of ragging
  - I will not participate in or abet or propagate ragging in any form.
  - I will not hurt anyone physically or psychologically or cause any other harm.
4. I hereby agree that if found guilty of any aspect of ragging, I may be punished as per the provision of the UGC/AICTE Regulations mentioned above and/or as per the law in force.
5. I hereby affirm that I have not been expelled or debarred from admission by any Institution.
6. I will not possess/carry any lethal weapon on the College Campus and if any weapon is recovered from me, I be rusticated.
7. I have never been convicted under any criminal offence. No F.I.R. is registered against me and no criminal proceedings are pending against me.

OR

F.I.R./s is/are registered against me & criminal proceedings are pending in the court of \_\_\_\_\_ at \_\_\_\_\_. However, I assure the College authority of my good conduct and behaviour as per University admission rules.

Signature:

Name:

Address:

Verification:

That nothing has been concealed in the undertaking & facts mentioned from Sr. No. 1 to 8 are correct & true to the best of my knowledge & belief.

Signature:

Name:

Address:

Dated: \_\_\_\_\_

Place: \_\_\_\_\_

**Note:** It is mandatory to submit this affidavit, if you desire to register for the forthcoming academic session.

**Annexure-II**

**UNDERTAKING BY THE PARENT/GUARDIAN**  
**(2020-21)**

1. I \_\_\_\_\_ F/o, M/o, G/o \_\_\_\_\_ have carefully read and fully understood the law prohibiting ragging and the directions of the Supreme Court and the Central/State Government in this regard as well as the UGC/AICTE Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, (2009).
2. I assure you that the my son/daughter/ward will not indulge in any act of ragging.
3. I hereby agree that if he/she is found guilty of any aspect of ragging, he/she may be punished as per the provision of the UGC/AICTE Regulations and/or as per the law in force.

Signed this \_\_\_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ year.

Signature:

Name:

Address:

**Note:** It is mandatory to submit this affidavit, if you desire to register for the forthcoming academic session.





## **Academic Calendar 2020-21**

S. No.	Activity	Date (Weekday)
<b>ODD SEMESTER 2020-2021 (August to Dec 2020)</b>		
1.	Declaration of eligible/year back students for registration in the next semester and dispatch of registration form by the Academic Cell	August 20, 2020
2.	Online fee deposition by the students (Without late fee) Last date of fee submission and registration with late fee of Rs. 20/- per day for next seven days Last date of fee submission and registration with late fee of Rs. 50/- per day for the next seven days	30 July 2020-14 Aug 2020 August 21,2020 August 28, 2020
3.	Commencement of classes/Registration and submission anti-ragging affidavit by student and parents.	August 3, 2020 (M)
4.	Display of registered students (odd semester) list by the academic cell	Aug 13, 2020 (Th)
5.	Display of shortage of attendance by respective Teachers/PTM	Sept 16, 2020 (W)
6.	Sessional-I Examination (Compulsory)	Sept 21-25, 2020 (M to F)
7.	Last date to show evaluated sessional-I answer sheets to the Students	Sept 28, 2020(M)
8.	Sports Meet	Oct 14,2020 (W)
9.	APRATIM (Cultural Function)	Oct 22-23, 2020 (Th,F)
10.	Display of shortage of attendance by Teachers	Nov 20,2020 (F)
11.	Sessional-II Examination (Compulsory)	Nov 23-27, 2020 (M to F)
12.	Last date to show evaluated sessional-II answer sheets to the Students	Nov 30, 2020 (M)
13.	End of classes and notification of shortage of attendance	Nov 20, 2020 (F)
14.	Study group for odd semester (Preparatory, 5 days)	Nov 28, 2020 (Sat)- Dec 1, 2020 (Tu)
15.	Declaration of Pre Major Total	Dec 01, 2020 (Tu)
16.	End Semester Examinations	Dec 02-24, 2020
17.	Winter Vacation (2 weeks)	Dec 25, 2020 (F) – Jan 03, 2021 (Su)
18.	Last date of showing university exam answer sheets by the teacher	Jan 11, 2021 (M)
19.	Departmental meeting regarding submission of grades	Jan 18,2021 (M)
20.	Submission of grade sheets by the concerned teachers	Jan 22, 2021 (F)
21.	Submission of results to the Panjab University	Jan 26,2021 (Tu)
22.	Last date for submission of re-evaluation forms	Jan 29, 2021 (F)
<b>EVEN SEMESTER 2020-21 (Jan to June 2021)</b>		
23.	Online fee deposition by the students for even semester (Without late fee) Last date of fee submission and registration with late fee of Rs. 20/- per day for next seven days Last date of fee submission and registration with late fee of Rs. 50/- per day for the next seven days	Dec 07 (M), 2020 – Dec 18, 2020 (F) <b>Dec 25, 2020 (F)</b> <b>Jan 01, 2021 (F)</b>
24.	Commencement of classes for even semester 2020-21	Jan 04, 2021 (M)
25.	Dispatch of registered students (even semester) list by academic cell	Jan 20,2021 (W)

26.	Registration of students (Reappear) for even Semester	Jan 27,2021 (W)
27.	Display of shortage of attendance by the respective Teacher/PTM	Mar 04, 2021 (Th)
28.	Sessional-I(compulsory)	March 08-12, 2021 (M to F)
29.	Last date to show evaluated sessional-I answer sheets to the Students	March 19, 2021 (F)
30.	Convocation	April 16,2021 (F)
31.	Shortage of Attendance By Respective Teacher	Apr 23, 2021 (F)
32.	Sessional-II(compulsory)	Apr 26, 2021 (M)-Apr 30, 2021 (F)
33.	Study group for even semester (Preparatory, 5 days )	May 03, 2021 (M)-May 07, 2021 (F)
34.	Last date to show evaluated sessional-II answer sheets to the Students	May 14, 2021 (F)
35.	University exams (theory) even semester	May 10- June 02, 2021
36.	Last date of showing university answer sheets to students	June 7,2021 (M)
37.	Summer Vacations	June 03, 2021- July 07, 2021
38.	IPD Training for 2 <sup>nd</sup> year students	June 3,2021- July 02,2021
39.	Departmental meeting regarding submission of grades	June 10, 2021 (Th)
40.	Submission of grade sheets by the concerned teachers	June 15,2021 (Tu)
41.	Declaration of eligible/year back students for registration in the next semester and dispatch of registration form by the Academic Cell	June 21, 2021 (M)
42.	Submission of results to the Pb. Univ.	June 23, 2021 (W)
43.	Last date for submission of re-evaluation forms	June 25, 2021 (F)
44.	College reopens for session 2020-21	July 08,2021 (Th)

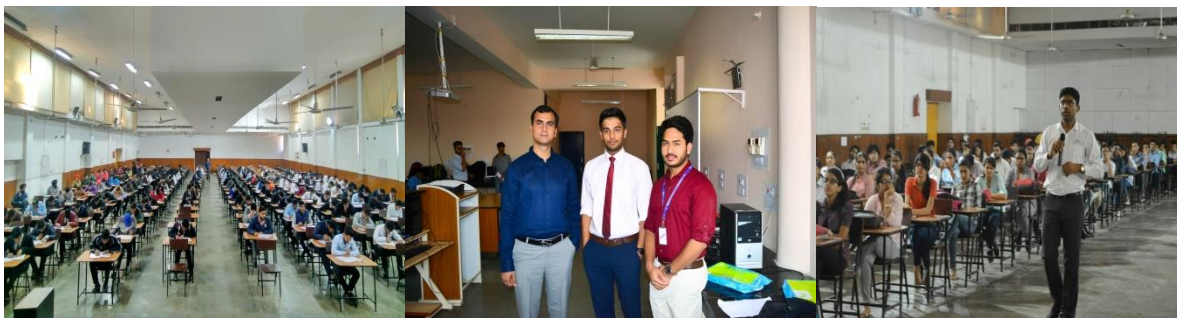
**\*List of Gazette Holidays during Odd and Even Semester will be as per the UT Administration announced calendar**

**\*\*The above dates/activities are subject to change**

**Schedule of Holidays for the Calendar Year 2020**  
**(As per Chandigarh Administration)**

<b>1. All Sundays</b>			
<b>2. All Saturday</b>			
<i>S. No.</i>	<i>Name of the Holidays</i>	<i>Date on which they fall</i>	<i>Day of the week</i>
<b>Other Holidays:</b>			
1.	Birthday of Sri Guru Gobind Singh Ji	January-02	Thursday
2.	Republic Day	January-26	Sunday
3.	Maha Shivratri	February-21	Friday
4.	Holi	March-10	Tuesday
5.	Ram Navami	April-02	Thursday
6.	Mahavir Jayanti	April-06	Monday
7.	Good Friday	April-10	Friday
8.	Budha Purnima	May-07	Thursday
9.	Id-ul-Fitr	May-25	Monday
10.	Janmashtami	August-12	Wednesday
11.	Independence Day	August -15	Saturday
12.	Mahatma Gandhi's Birthday	October-02	Friday
13.	Id-e-Miad	October-30	Friday
14.	Diwali	November-14	Saturday
15.	Guru Teg Bahadur Martyrdom Day	November-24	Tuesday
16.	Guru Nanak's Birthday	November-30	Monday
17.	Christmas Day	December-25	Friday

# Training and Placement Cell



*“Training and Placement cell of CCET is continuously making efforts to provide better prospects to the students. This is possible due to outstanding efforts of the faculty and of the bright students who are selected after a stringent process. Our alumni have achieved tremendous success in all spheres and this bears an eloquent testimony to our efforts.”*

**Dr. Krishna Gopal Sharma**

**Officer Incharge**

**Training and Placement cell, CCET**

Training and Placement of CCET has been instrumental in achieving new echelons in securing placements for its students due to its perpetual efforts since inception. The Training & Placement Office, CCET, Chandigarh facilitates the process of placement of students passing out from the Institute besides collaborating with leading organizations and institutes in setting up of internship and training program of students. The office liaises with various industrial establishments, corporate houses etc which conduct campus interviews and select graduate students from all disciplines. The department helps students in arranging industrial training which is part of their curriculum.

Infosys visits CCET regularly. In addition to this, other reputed companies visiting campus placements are Quark, Godrej, SML ISUZU, uTrade, Gemini Solutions and many more. The T&P cell is perpetually making efforts to add more companies every year to its recruiters list.

The specific objectives of Placement Cell are to:

1. Create awareness among students regarding available career options and help them in identifying their career objectives.
2. Guide the students in developing skills and job-search strategies required to achieve their career objectives.
3. Identify suitable potential employers and help them achieve their hiring goals.
4. Organize activities for students concerning their career planning.
5. Act as a bridge between students, alumni and employers.
6. Take feedback from industry and provide inputs for curriculum development.

**Major Recruiters for 2020 passed out batch:**




<b>Infosys</b>	<b>Jugnoo</b>	<b>Gemini Solutions</b>	<b>Quark</b>
<b>uTrade</b>	<b>Godrej</b>	<b>Jaro Education</b>	<b>SML ISUZU</b>
<b>SUFI</b>	<b>IFB</b>	<b>GrayB</b>	<b>Block8</b>
<b>AEPCL</b>	<b>VRxpert</b>	<b>Code Brew</b>	<b>TT Consultants</b>

## **ACADEMIC ACHIEVEMENTS OF BATCH 2015-2019**

### **1. ELECTONICS AND COMMUNICATION ENGINEERING**



		
<b>Name – Shagun Aggarwal</b> <b>Roll No. - CO15548</b> <b>College Rank – 1<sup>st</sup></b> <b>Percentage - 8.98 CGPA</b>	<b>Name – Rajan Goyal</b> <b>Roll No. - CO15541</b> <b>College Rank – 2<sup>nd</sup></b> <b>Percentage - 8.88 CGPA</b>	<b>Name – Ayushi Goel</b> <b>Roll No. - CO15511</b> <b>College Rank – 3<sup>rd</sup></b> <b>Percentage - 8.87 CGPA</b>

### **2. COMPUTER SCIECNE AND ENGINEERING**




		
<b>Name – Simranpal Kaur</b> <b>Roll No. - CO15354</b> <b>College Rank – 1<sup>st</sup></b> <b>Percentage - 9.43 CGPA</b>	<b>Name – Ravjot Kaur</b> <b>Roll No. - CO15341</b> <b>College Rank – 2<sup>nd</sup></b> <b>Percentage - 9.38 CGPA</b>	<b>Name – Rajwinder Singh</b> <b>Roll No. - CO15340</b> <b>College Rank – 3<sup>rd</sup></b> <b>Percentage - 9.30 CGPA</b>

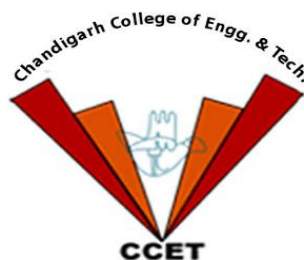


3. **MECHANICAL ENGINEERING.**

 <p> <b>Name – Manik Kumar</b>  <b>Roll No. - C015127</b>  <b>College Rank – 1<sup>st</sup></b>  <b>Percentage - 8.79 CGPA</b> </p>	 <p> <b>Name – Sagar Virk</b>  <b>Roll No. - C015143</b>  <b>College Rank – 2<sup>nd</sup></b>  <b>Percentage - 8.65 CGPA</b> </p>	 <p> <b>Name – Sukhjinder Singh</b>  <b>Roll No. - C015153</b>  <b>College Rank – 3<sup>rd</sup></b>  <b>Percentage - 8.64 CGPA</b> </p>
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4. **CIVIL ENGINEERING.**

 <p> <b>Name – Harmandeep Singh</b>  <b>Roll No. - C015218</b>  <b>University Rank – 1<sup>st</sup></b>  <b>College Rank – 1<sup>st</sup></b>  <b>Percentage - 9.49 CGPA</b> </p>	 <p> <b>Name – Puneeta Dutta</b>  <b>Roll No. - C015247</b>  <b>University Rank – 2<sup>nd</sup></b>  <b>College Rank – 2<sup>nd</sup></b>  <b>Percentage - 9.43 CGPA</b> </p>	 <p> <b>Name – Himansi Bagri</b>  <b>Roll No. - C015221</b>  <b>University Rank – 3<sup>rd</sup></b>  <b>College Rank – 3<sup>rd</sup></b>  <b>Percentage - 8.91 CGPA</b> </p>
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