

1. INTRODUCTION

(i) BRIEF HISTORY:

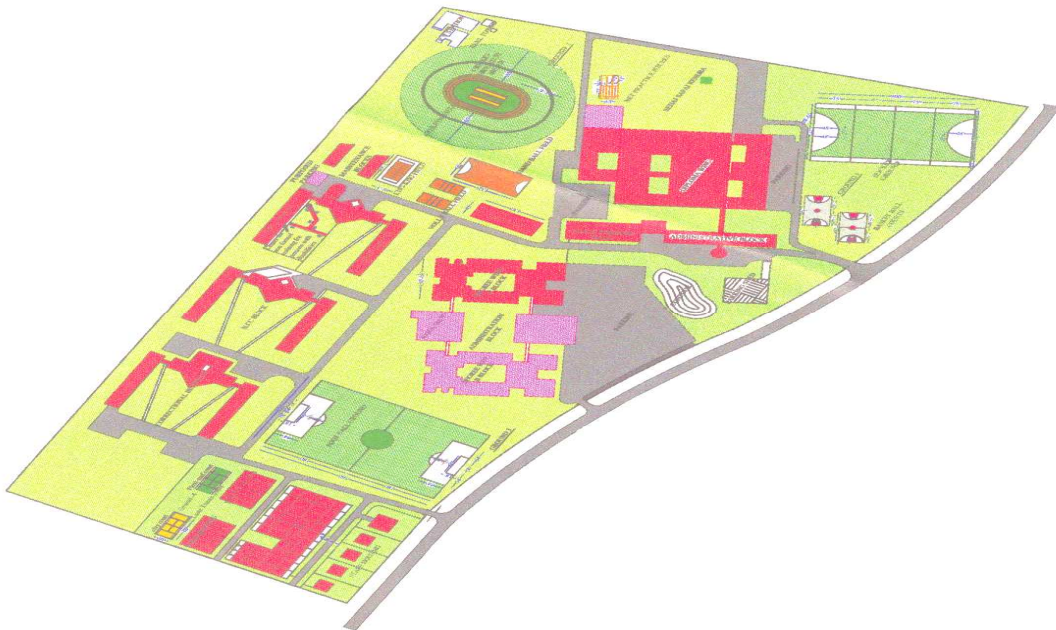
Chandigarh College of Engineering & Technology, Sector-26, Chandigarh (CCET), formerly known as Central Polytechnic Chandigarh (CPC), was established in 1959. To cater to the aspiration and ambition of exponentially growing population of Chandigarh, the Chandigarh Administration upgraded CPC to CCET by introducing two branches of Bachelor of Engineering in Computer Science and Engineering and Electronics and Electrical Communication Engineering in the year 2002. In the year 2006-07 two new courses in the discipline of Civil Engineering and Mechanical Engineering were started. There has been integrated dynamic progress at CCET in Degree and Diploma programmes in academic and co-curricular activities etc. to bring it at par with other leading institutions of the country.

(ii) ADMINISTRATION:

The college is under the administrative control of the Chandigarh Administration and the Principal is the Head of the Institution. The college is affiliated to Panjab University, Chandigarh.

(iii) LOCATION:

Chandigarh, the 'City Beautiful', is located at the foot-hills of Shivaliks. The CCET 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.



(iv) CAMPUS:



The college campus extends over an area of 34 acres, close to the beautiful Shivalik ranges and Sukhna Lake. The campus is divided into various functional zones like Academic and Administrative Blocks for Degree and Diploma Streams, Hostels and Residential complex for faculty and staff.

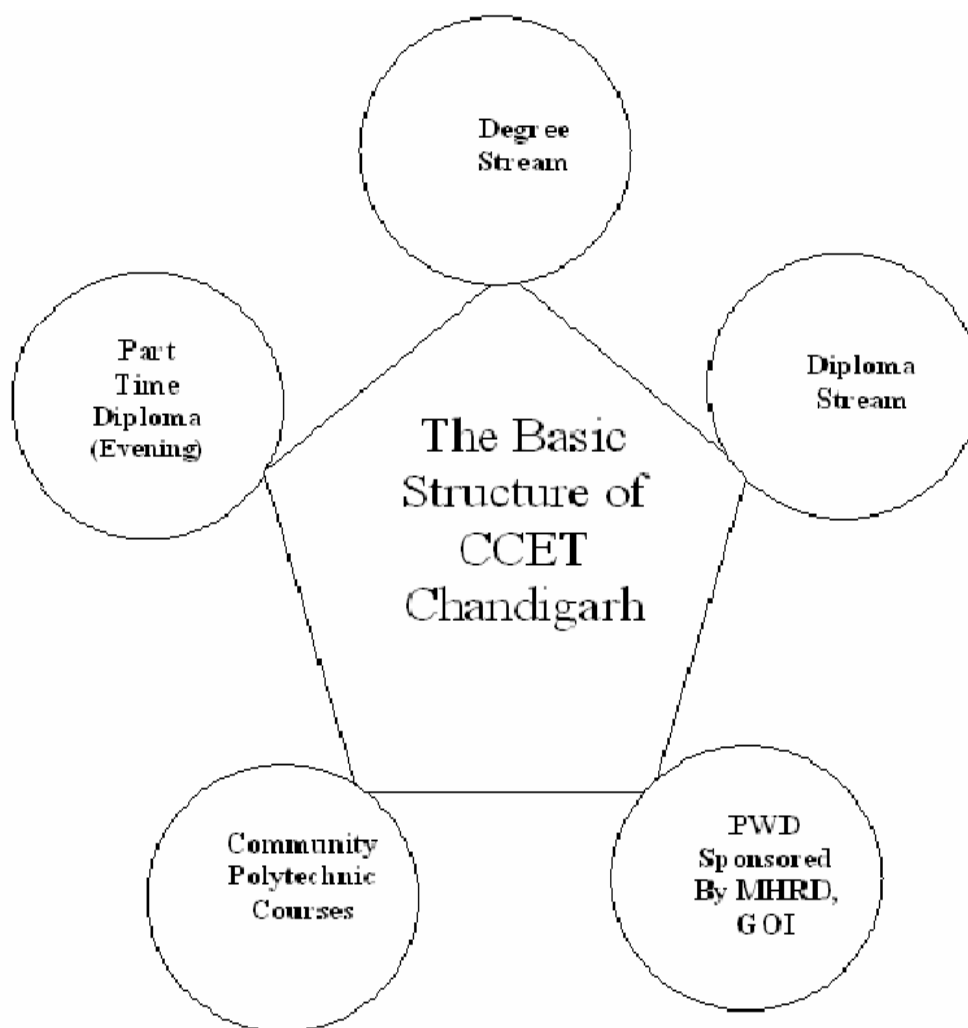
In addition to Spacious Lecture halls, Tutorial rooms and Drawing Halls, the college has an Auditorium, Library, Computer Center, Cyber Café, Reading Rooms, Workshops and well equipped Laboratories and playgrounds. The college also houses a branch of State Bank of Patiala with ATM facility. Hostel facilities for both boys and girls are available in the campus.



2. COURSES OFFERED

CCET is unique in character; the institution provides its services to the residents of Chandigarh by offering various courses from 7:00 AM to 9:15 PM

1. Degree Courses.
2. Diploma Courses (regular).
3. Part Time Diploma (for employed students).
4. Formal Diploma Courses under PWD Scheme.
5. Non formal Diploma Courses under PWD Scheme.
6. Vocational Courses under Community Polytechnic Scheme.



DEGREE STREAM

The following undergraduate programmes are offered at the college:

(a) **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
2.	Computer Science & Engineering	60
3.	Electronics & Electrical Communication Engineering	60
4.	Mechanical Engineering	60

The undergraduate curriculum is broad based and is designed to introduce the students to a wide range of problems encountered by students in the field. A number of elective subjects are offered to enable a student to study the area of his special interest in depth. Students are given practical problems of different areas as their projects and practical training are a part of the courses aimed at familiarizing the students with actual problems.

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

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

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

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

(b) Research Programme:

This Institute is a approved research centre of Panjab University, Chandigarh and offers research facilities leading to Ph. D in various fields.

(c) Recent Developments:

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



(d) EDUSAT- The Indian Satellite for Education

India's Educational programme got a fillip on 20th 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

(i) COMPUTER SCIENCE & ENGINEERING:

INTRODUCTION

The Department offers an undergraduate Four year BE Course for enabling the students to shape themselves as future technocrats. The course curriculum have been designed mainly to focus on the areas - Computer Networks, Algorithm Design, Databases, Computer graphics, operating systems, Information Security, Digital Image Processing, Operating System ,Compiler Design etc.

To cater the needs of the students of the college the Computer Science and Engg. Department is well equipped with six software laboratories with all the Licensed software's as per the Panjab University curriculum. The labs provide facilities for conducting the practical classes in the various fields of Computer Science & Engg. These include Computer Fundamentals, Data Structures, Computer Networking, Programming Languages like C, C++, JAVA, Visual Studio, Artificial Intelligence (LISP & PROLOG), Oracle, Computer Graphics and Web Designing & Multimedia. The labs provide Windows, LINUX etc. platforms.

Hardware Resources:

The Department has a consortium of well equipped computational labs for imparting high quality computational service to the students. This includes Latest configuration computers along with printers, scanners, DLP / overhead projectors, Digital camera, CD Writers etc.

Software Resources:

The collection includes system & application licensed software such as Windows 98, Windows ME, Windows 2000 Professional, Windows 2000 Server, Windows 2000 Advanced Server, Windows XP Professional, Windows 2003 Server, Linux, Macro Media Web Page Studio, MS Office XP, Oracle Enterprise Manger 10g, AUTO CAD 2005, Borland Turbo C++, Turbo Assembler 5, Turbo C++ suite, Corel Draw, Adobe Photoshop, MS Visual Studio 6.0, MS Visual Studio .NET, MSDN Library, SQL Server 2000, Visual FoxPro 9.0, MATLAB Software, Visual Prolog.

Resource Center (Server Room):

The Server Room is the central place where the High Speed Internet connection of 2 Mbps (1:1) via a leased line is available to Faculty and Staff. The Internet Facility emanates to various Departments of Degree Wing and Polytechnic College. The room is equipped with internet Bandwidth Management Software, Cisco Firewall, Cisco Router

List of Services provided by Server Room

- Repair and Maintenance of Desktop, Peripherals etc.
- Update, manage and ensure the satisfactory operation of computational facilities for the students, faculty and departments
- Provide technical assistance to various users in updating hardware and software resources in the campus.
- Monitoring and Controlling of the resources in LAN of the institute, and the management of overall computer facilities for the whole institute.
- Provide computer facilities to the office of the institute for administrative work.

The Department offers the front-end technologies in the field of Computer Science through set of Computer Labs comprises the following:

1. Elements of Computer Programming Lab (C,C++, Data Structure)

The students learn the basic concepts of Computer Engineering like Installation of Operating systems (MS-DOS, MS-Windows, XP) and Commands of MS-DOS, MS-Windows Operating systems, MS-WORD, MS-EXCEL, MS-POWER POINT, MS-ACCESS, Web Designing using HTML, DHTML, , SCRIPTING LANGUAGES and FRONT PAGE.

2. Advance Computer Programming Lab (Advance DS, ADA, OOPS)

This Programming lab includes lab sessions of Advanced Data Structures , Analysis & Design of Algorithms , Computer Graphics , Object Oriented Programming .

3. Computer Hardware and Network Lab(PDI, CCN, OS)

In this Lab the students learn about the Basic elements of Desktop and Laptop Systems (e.g. Motherboard, Chipset, RAID, SCSI etc.), Interfacing Devices: Switches, Hubs, Router, Hardware/Software Firewal, LAN, Structured Cabling, LAN/WAN Simulation Software, Wi-Fi Systems. The Student also learns about the Network Operating Systems like UNIX, LINUX, Window-NT and installation of various networking Equipments.

4. **Oracle Laboratory (Oracle 10G) DBMS, RDBMS, DDBMS, ODBMS**

This Lab is equipped with client server architecture using latest version of Oracle 10G. Students develop databases using SQL, PL/SQL and Advance SQL.

5. **Computer Center**

Students get the access to the Cyber world of Information through Internet to keep pace with the latest Developments in Computer Science & Engineering and other technologies.

6. **Project Lab**

Student learns about the various Software Packages relevant to the Development of Minor and Major Projects undertaken during the Coursework. All the state of Art Facilities, Resources and Guidelines are provided to the students as per their requirement.



(ii) **ELECTRONICS & ELECTRICAL COMMUNICATION ENGG:**

INTRODUCTION

The department of Electronics & Electrical Comm. 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 EECE journals as well as latest books to keep the students posted with latest trends in the Electronics & Electrical 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.

Analog and Digital Communication Lab

This lab aims at familiarizing the students with the various analog communication techniques viz. Amplitude modulation, Frequency modulation and Phase modulation etc. AM receiver kit is used for demonstration of the receiver principle and measurement of receiver parameters viz. sensitivity, selectivity and fidelity. A kit for familiarization with phased lock loop (PLL) is also held.

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. Introduction to various media types for data transmission are also given in this lab.

In communication lab we teach the students various techniques to transmit data digitally. We have MATLAB (SIMULINK)/ COMSIM software for digital link simulation, for error introduction & error estimation in digital link. In this lab we have various equipment to teach the students the basic concepts of digital electronics. To study logic gates we have TTL logic gates 7400, 7402, 7408, 7432, 7486. Kit. Further we have 74150 multiplexer kits, 74154 de-multiplexer kit. To verify the truth tables, of half adder and full adder we use IC- 7483. To design Flip Flops which are fundamental units of our memory we have 7476 JK Flip flops and 7474 D flip flops ICs. To teach the students various counters we have two bit and 4 bit asynchronous and synchronous counters and 2 and 4 bit Johnson counters.

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).

Basic Electrical Engg. Lab

The lab is equipped with experimental kits for drawing the characteristics of SCR, MOSFET, FET, BJT TRIAC, DIAC, DC MOTOR and INDUCTION MOTOR in various configurations. The lab is also equipped with DYNA 1750 kit, the trainer kit of LVDT, which helps the students in the study of transducers.

Digital Signal Processing lab

In this lab students get knowledge of MATLAB software. This includes MATLAB, SIMULINK software, and Signal-Processing toolbox, Signal Processing block set, Filter design toolbox & Control system toolbox

Microwave & FTL lab

Microwave have a broad range of application in modern technology. Most important among them are in long distance communication system, radar astronomy, navigation etc. Microwave engineering lab is well equipped with advanced equipments Microwave (klystron Oscillator) Test bench, Microwave (Gunn Oscillator) Test bench, Power Supply LS-303, Gunn diode power. we also perform practical of FTL.

VHDL Programming & Technology

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

Satellite Optical Fiber Communication Lab

Optical fiber has rapidly become the most popular medium for long distance transmission of data, voice and signals. It has emerged today as the obvious choice in a variety of telecommunication applications, including the emerging Integrated Services Digital Networks (ISDN)

Microcontroller & Embedded Systems lab

This Lab is equipped with microcontroller kits and the combative software is like KEIL and A51 Assembler and compiler. Additionally all the interfacing cards such as. 8051 Microcontroller Trainer Kit, Traffic Light Controller Card, Stepper Motor Interface Card, DAC Card, ADC Card, and DC Motor (With DC Micro Motor) are available.

Research & Development Lab

R&D Lab has been set up in the Department for Project Development and Research purpose. Facilities available include: Development board controllers, 8051 ORCAD for PCB Designing. CRO, DSO, and Universal programmable kits etc are available.

(iii) CIVIL ENGINEERING DEPARTMENT

The department offers 4-years degree in Civil Engineering. The objective is to prepare the students for professional career in 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 management, business skills and use of various software in civil engineering field. The department ensures that the students will get the updated knowledge of not only the courses but the current needs of commerce, industry and the society as a whole. The department has following laboratories with the state-of-the art equipments and latest structural design software:

LABORATORIES

1. ENVIRONMENTAL ENGINEERING LAB
2. SOIL MECHANICS LAB
3. TRANSPORTATION LAB
4. CAD LAB
5. RCC LAB
6. FLUID MECHANICS LAB
7. SURVEY LAB

ENVIRONMENTAL ENGINEERING LAB

Management of environmental resources to protect health and the systems that support life is one of the biggest challenges facing modern society. In recognition of the interdisciplinary nature of these challenges this lab provides students with training needed to address current and future environmental issues.

SOIL MECHANICS LAB

Soil testing is an integral part of analysis and design in Soil 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 which is the base of Civil Engineering. The lab provides all essentials to the students to go in for the integral study of various soil testing methods and its other related properties.

TRANSPORTATION LAB

Graduate study in transportation lab prepares students for professional, teaching, and research careers in the field of transportation engineering. Emphasis is on the acquisition of advanced knowledge concerning testing of materials used for construction of roads.

CAD LAB

Students have been given the opportunity to use various software for building drawings viz. AutoCAD and latest structure design software like STAAD PRO, AUTO.CAD3DCIVIL etc which are used in building design.

RCC LAB

Structure testing lab offers opportunities for study in the areas of cement and concrete testing using state of-art Automatic Compression Testing machine and Flexural strength testing machines, Air permeability apparatus etc.

FLUID MECHANICS LAB

The lab gives an exposure to the students to the realms of fluid mechanics by having gained an insight into the theoretical vicissitudes of the subject.

SURVEY LAB

Graduates of the program find a wide range of manual and automatic instruments like Total station, Auto level etc which are used for evaluation or survey of the area before construction of roads or building on it as well for preparing topographical maps of the areas.

(iv) **MECHANICAL ENGINEERING**

INTRODUCTION

The department of Mechanical Engineering was established in the year 2006 during initial years of the institution to provide quality education to produce professional engineers in the field of Mechanical Engineering. The Department of Mechanical Engineering offers a richly integrated curriculum. Students have a variety of opportunities to work in many areas for projects. Some of the specific areas include Computer-Aided Design, PLC, Pneumatics, Hydraulics, IC Engines, Computational Fluid Dynamics and Finite Element Analysis. The Department is well equipped with state-of-the-art laboratories and infrastructural facilities in these areas. The Department receives funding from AICTE & MHRD for up gradation of lab facilities and organizing industrial tours. Our faculty members render assistance in conduction of the same.

THE INFRASTRUCTURE

The Infrastructural resources of the Department include the following laboratories: (a) Applied Thermodynamics, (b) CAD Lab (c) Fluid Machinery Lab, (d)Heat Transfer Lab, (e)Mechatronics Lab (f)Mechanical Measurements Lab(g)Theory of Machines Lab,(h)Vibrations Lab. The supporting Lab facility consists of: (a) Welding, (b) Metal Forming, (c) Machine Tools, (d) Metal Casting and (e) Metrology & Instrumentation.

INDUSTRY-INSTITUTION INTERACTION

In addition to the interaction by way of students' visit to the industry, the department has established linkages with various renowned organizations for faculty visits, student training. The organizations include Mahindra & Mahindra, Hindustan Machine Tools, Panjab Tractors Limited, CSIO, Bharat Heavy Electricals, and Central Tool Room. As part of the Industry-Institution Interaction, the Department has conducted training programmes/workshops for the students in CATIA, ANSYS, FLUENT, ABAQUS etc.

LABORATORIES:

CAD LAB:

The CAD laboratory of the college is one of the best in the region with state of the art software and hardware. CAD lab has the following software's:

ANSYS

ABAQUS

FLUENT

CATIA

Pro- Engineer

AutoDesk Inventor

AutoCAD

APPLIED THERMODYNAMICS LABORATORY:

The Lab is equipped with 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.

MECHANICS OF MATERIALS LAB:

The objective of this lab is to provide know-how to evaluate the different mechanical properties of various materials. Advanced facilities like creep testing, fatigue testing, torsion testing are available apart from the basic testing facilities.

MECHATRONICS LAB:

This lab is a merger of mechanical instruments with computers and electronics .This gives an idea of hydraulics and pneumatics coupled with simulation kits. The laboratory has latest equipment with software for computerized control of processes. A complete set up of hydraulic training kit and pneumatic training experimental equipment is available.

HEAT TRANSFER LAB:

The purpose of this lab is to demonstrate the students about the different heat transfer processes like conduction, convection & radiation with the help of equipments and also to make them understand different heat exchangers, heat pipes practically. It also aims at calculating heat

transfer coefficients, thermal conductivity and Stefan's Boltzmann's coefficient. This lab is equipped with complete setup for performing the experiments.

FLUID MACHINERY LAB:

The purpose of this lab is to study the working and constructional features of fluid machinery like turbines, pumps and other hydraulic equipment. This laboratory is well equipped with the experimental setup to perform the experiments on fluid machinery and demonstrate the working of different machines.

THEORY OF MACHINES AND VIBRATIONS LAB AND DESIGN OF MACHINE MEMBERS LAB

This lab is equipped with various working models to enable the students to understand the theory of machines and concept of vibrations developed and the methods of their measurement.

(v) **APPLIED SCIENCES:**

Introduction

The Department of Applied Sciences offers courses in Mathematics, Physics, Chemistry, Environment Education and Humanities (Communication Skills, Economics, Bio-Engineering, Business Management and Human Resource Management) to all the undergraduate students. In addition several courses in Mathematics - Numerical Analysis/Methods, Discrete Structures, Operation Research, Computational Methods are given to different branches of undergraduate engineering according to the prescribed curriculum of Panjab University, Chandigarh

PHYSICS LAB

physics, the most fundamental physical science, is based upon the exact measurement and is concerned with the basic principles of the universe. It is the foundation on which engineering, technology and the other sciences – astronomy, biology, chemistry and geology – are based.

Physics Lab in CCET is spacious and well equipped with the latest apparatus, instruments and experiments to be performed as per the Panjab University curriculum. The students are given the exposure on the experiments on Optics, Measuring Instruments, Quantum and Solid State Physics.

CHEMISTRY LAB

Chemistry laboratory is equipped with the equipment to perform the experiments as per Panjab University requirements. The basic aim of Chemistry laboratory is to impart knowledge about the chemical properties of engineering materials and methods for manipulating the properties.

COMMUNICATION SKILLS LAB:

Communication is the epitome of human civilization. An individual's ability to communicate effectively determines his success. 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. CENTRAL LIBRARY



INTRODUCTION

To cater the academic needs of engineering students and faculty, the college has a well stocked library with a collection of approx. 10,000 books (approx. 2500 titles) in the field of engineering, science & technology meeting the needs of about 700 members (Both faculty & students) imparting/pursuing studies in four different branches of Engineering. The library is continuously in the process to acquire latest books (including reference books and text books), to keep its reader abreast with the latest information.

The library is in the process of automation using library automation software 'ALICE FOR WINDOWS' (from SofLink Asia). The operations of library will be fully computerized from the next session.

Its well equipped with all the modern facilities and is managed by well qualified staff.

Institutional Membership

Library has institutional membership of British Library which helps our Students and faculty to issue books from British Library. 10 Access cards facility is available.

E-Journals

The College has subscribes to IEL online journals through AICTE-INDEST CONSORTIUM. In addition the library has subscribed to a number of hard copy Journals .

MAGZINES & NEWSPAPERS

Library has subscription of all the newspapers and magazines to keep the students and staff updated.

5. COMPUTATIONAL FACILITIES

The college has a consortium of well-equipped computational Labs for imparting high quality computational facilities to the students and staff. The college has its own Computer Centre & six laboratories having more than 400 Pentium based computers along with various other facilities such as printers, scanners, DLP / overhead projectors, Digital camera, CD Writers etc. High Speed Internet connection of 2 Mbps (1:1) via a lease line is available in all the departments and hostels. In addition to this girls and boys hostels are also provided with a separate cyber café with Internet connectivity to individual rooms.

The computational facilities also include a Computer Center, which is open for students as well as staff.

6. SCHOLARSHIPS, LOANS, PRIZES AND MEDALS FOR B.E.STUDENTS

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

1. Merit Scholarships:

- (a) A scholarship of Rupees Sixty Five per month tenable for a year to be awarded annually to the 3rd semester student who stands first in his class on the basis of 1st and 2nd Semester University Examinations.
- (b) A scholarship of Rupees Fifty tenable for one year to be awarded annually to the 3rd Semester student who stands second in his class on the basis of 1st and 2nd Semester University Examinations.
- (c) A scholarship of Rupees Sixty Five per month tenable for one year to be awarded annually to the 5th Semester student who stands first in the class on the basis of 3rd , and 4th Semester University Examinations.
- (d) A scholarship of Rupees Fifty tenable for one year to be awarded annually to the 5th Semester student who stands second in his class on the basis of 3rd and 4th Semester University Examinations.
- (e) Eight scholarships of Rupees Sixty Five per month each tenable for one year to be awarded annually to the students of 7th Semester who stands first in each branch of Engineering on the basis of their 5th and 6th Semester Examinations.
- (f) Eight scholarships of Rupees Fifty per month each tenable for one year to be awarded Annually to the students of 7th Semester who stands second in each branch of Engineering on the basis of their 5th and 6th Semester University Examinations.

2. Government Necessitous Scholarships:

- (a) Four scholarships of Rupees 150 per month each tenable for one year to be awarded annually to the second Semester students on the basis of 1st Semester University Examinations.
- (b) Four scholarships of Rupees 150 only tenable for one year to be awarded annually to the 3rd Semester students on the basis of 1st and 2nd Semester University Examinations.
- (c) Four scholarships of Rupees 150 only tenable for one year to be awarded annually to the 5th Semester students on the basis of 3rd and 4th Semester University Examinations.
- (d) Four scholarships of Rupees 150 only tenable for one year to be awarded annually to the 7th Semester students on the basis of 5th and 6th Semester University Examinations.

3. Chandigarh Union Territory Merit-cum-Means Scholarships:

- Note: -
- (i) The merit list will be prepared by the Students Section on the basis of the combined result of 1st and 2nd semester, 3rd and 4th semester, 5th and 6th semester, respectively every year in the beginning of the academic session.
 - (ii) If for 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.
 - (iii) College Merit Scholarship can be combined with University Merit Scholarship and other or Merit-cum-Means Scholarships or Government Necessitous Scholarship.
 - (iv) The rules for the awards of merit -cum-Means Scholarships are given in Appendix 'A' these are also applicable to the Government Necessitous Scholarship.
 - (v) The students of 1st year B.E. Degree Class should submit their application on prescribed forms for various scholarships and technical loans latest by 30th September or the date fixed by the Principal whichever is later. Blank forms can be had from Students Section. Application/documents received after the prescribed date will not be entertained.
 - (vi) 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 the Student Section.

(vii) No appeal against any of the above awards will be entertained.

4. Free Education for Meritorious Scheduled Castes and Other Backward Classes students.

For enabling the students belonging to the Schedule Castes and Other Backward Classes, with unfavourable economic conditions to pursue higher studies and for their better academic performance, the Administrator, Union Territory, Chandigarh hereby makes the following scheme, namely :-

1. This scheme shall be called the "Free Education for Meritorious Scheduled Castes and Other Backward Classes Students, Scheme, 1988".
2. This shall come into force with immediate effect.
3. This scheme is open for those students passing +2 level and seeking admission to the following courses of study, namely:-
MBBS, BDS, BAMS, DHMS, BE, B Architecture, Bachelor of Fine Arts, B Pharmacy, B.Sc (Nursing), Degree/Diploma in Hotel Management, Degree/Diploma in Laboratory Technology and any other course decided by the committee given in para 6 below.
4. All those students having passed +2 examinations from any college/school in the UT Chandigarh, in the first attempt, with a minimum of 60% 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.
5. Applications under the scheme shall be invited by the Director Social Welfare, Union Territory, Chandigarh, by giving publicity through press, every year by 10th of August.
6. 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.
7. The Director Social Welfare, Union Territory, Chandigarh, shall be the Drawing and Disbursing Officer, for the purpose.

8. Assistance as under shall be given to the students so selected under this scheme:
- (i) A lump sum annual allowance of Rs 2,500/- payable in one installment in the start of the academic session.
 - (ii) Full reimbursement of tuition fees upto a maximum of Rs. 20,000/- P A and other non-refundable charges payable to the institution.
 - (iii) A monthly pocket allowance of Rs 250/- for day scholars.
 - (iv) A monthly allowance of Rs. 500/- for hostellers.
 - (v) For students taking admission in cities other than Chandigarh, reimbursement of actual journey fare will be admissible thrice in one academic year provided fare for to and for journey by ordinary bus or ordinary class rail does not exceeds Rs.150/-.
 - (vi) Minimum essential books and stationary.
 - (vii) Any other allowance considered necessary by Administration from time to time.

9. Eligibility criteria:

Students fulfilling the following criteria shall be eligible under the scheme, namely:-

- (i) He/She should belong to any caste declared as Scheduled Caste or Other Backward Class for the Union Territory of Chandigarh.
- (ii) The total annual family income of parents shall not exceed Rs 75,000/-.
- (iii) He/She should have passed +2 examinations in first attempt from any School/college in UT, Chandigarh with minimum of 60% marks and he/she should have studied in UT, Chandigarh for at least two academic sessions.
- (iv) Parents of the student should be bonafide residents of UT, Chandigarh for the past three years.

10. Procedure for Applying:

The candidates should apply in the prescribed format with supporting documents. Applications complete in all respects should be submitted in the office of the Director Social Welfare, UT, Chandigarh, on or before the prescribed date. Applications which are received after due date or are incomplete, shall ordinarily be rejected.

11. Mode of payments:

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.

12. Withdrawal of benefit:

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.

13. 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.

14. Change of Address:

It shall be obligatory for the student to intimate any change of address to the Director Social Welfare, Union Territory, Chandigarh.

15. 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.

5. 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. Half free ship on tuition fee shall be admissible to the students belonging to economically weaker section, whose parent/guardian income from all sources does not exceed 30,000/- p.a. The student concerned shall be required to file an affidavit on the non-judicial stamp paper of Rs. 3/- duly attested by a Magistrate, standing the above fact. If 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. The number of students seeking this concession should be restricted to 5% of the total students in a class on the basis of the income of the parents.
3. Full free ship on tuition fee would be provided to 5% of the sanctioned strength of the students for every course. The free ship 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.
4. Half free ship on tuition fee would be admissible to next 5% of the students on the same merit criteria as mentioned in para (3) above.
5. The free ship as available at (1), (2), (3) and (4) above shall be available after the 1st year subject to the following conditions:-
 - (a) The student concerned clears all the examinations of the previous year in the 1st available opportunity, and
 - (b) He/She had not been punished for any type of mis-conduct during the qualifying year.
6. 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.

6. Prizes:

One and each prize of Rs. 250/- and nine of Rs. 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.

7. LEAVE AND ATTENDANCE FOR B.E. STUDENTS

Students are expected to attend all classes and practical training regularly. Leave will be granted subject to the following rules:-

- a. 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.
- b. 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.
- c. All students will be subject to the attendance rules of the College as may be laid down from time to time.
- d. 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.
- e. 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.

8. FEE AND EXPENSES

Panjab University Fee(Charges: (Rs.)

1. University Continuation Fee	40 p.a.
(Applicable from 2 nd yr onwards)	(20 per semester)
2. University Registration Fee	85
From those coming from other University/Boards/Councils	
3. University Enrollment Fee	85
(from those who are not regd. with P.U. ,Chandigarh earlier)	
4. Migration and Eligibility Fee:	
a. For only those candidates	240
Who have passed the lower Examination From another University or Board or Council	
b. Inter College Migration Certificate	240
Or Duplicate Migration Certificate	
c. Inter University Migration Certificate	370
Or duplicate migration certificate	
5. NSS Fee	5
6. Sports Fee	40 p.a.
7. Student Holiday Home Fee	60 p.a.
8. University Sports Development Fee	50 p.a.
9. World University Service Fund	40 p.a.
(Note: Send this amount to the University Income Head “Current Account No. 00468”)	
10. College Development Council Fee	30 p.a.
11. Property Tax/Misc. Charges	20 p.a.
12. Multipurpose Hall Fee	50 p.a.
13. Youth Welfare Fund	75 p.a.
14. Rajiv Gandhi College House Fee	100 p.a.
15. P.U. Alumni House and Scholarship Fund	10 p.a.

NOTE: All students, at the time of initial enrollment to Panjab University courses in the campus or in the affiliated institutions shall pay Rs. 10/- 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.

15. University Examination Fee

1320

(As per University Rules prescribed from
time to time)

COLLEGE FEE

(A) NON-RECURRING FEE PAYABLE ON ENROLMENT: (Rs.)

1.	Admission/Readmission Fee	500
2.	Security Deposit (Refundable within 2 years, from the date of completion of the course or leaving the college, thereafter this amount shall be transferred to the college Amalgamated Fund)	1000
3.	Recreation and Sports Admission Fee	950
4.	Drawing Board maintenance, Hand-outs etc.	100
5.	Identity Card	50
6.	Institutional Membership Fee	150
7.	Alumni Fund (Amalgamated fund)	300
8.	College Logo for Blazer	50
9.	College prospectus	100

B) RECURRING FEES (AMALGAMATED FUNDS):
ANNUAL

1.	Students Club Fee	250
2.	Students Activities (Amalgamated Fund) This includes: (i) Magazine and souvenir etc. (ii) Medical Fee (iii) Student Welfare Fund (iv) Student Aid Fund, (v) Cycle/Scooter stand fee (vi) Periodical Test Fee, (vii) Library Book Replacement Fee (viii) Audio Visual Aid/Projection Fee etc.	1000
3.	Library Fee	500
4.	Training & Placement Fee	250
5.	Computational Facility/Internet/ Networking	500
6.	Campus Development fee (Hostel, Sports, Open spaces, Labs, Securities & cleanliness etc.)	2000

HALF YEARLY

(Payable in the month of July and January every year)

(a)	Tuition Fee	22500
(b)	Recreation & Sports	400

HOSTEL CHARGES

(1)	Hostel Fee (Half yearly)	
i)	Room Rent	300
ii)	Electric Charges	} 1500
iii)	Water Charges	
iv)	Fan Charges	
v)	Furniture Charges	
vii)	Computational Facility	150
(2)	Mess Equipment Fee (Per annum)	500
(3)	Hostel Security Deposit (Non-Recurring)	2000

Notes:

- (1) In case a Students 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.
- (2) 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 I/C academics.
- (3) Cash security will be not charged from the students on their producing proof that they belong to a tribal area.
- (4) 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	:	Rs.200 per annum
(b)	Badminton	:	Rs.150 per annum
(c)	Squash	:	Rs.150 per annum
(d)	Gymnasium	:	Rs.200 per annum

- | | | | |
|-----|-------------------------------------|---|------------------|
| (e) | Boating/Rowing | : | Rs.150 per annum |
| (f) | Hiking and Trekking/Adventure Club: | | Rs.150 per annum |
| (g) | Swimming Pool Activities | : | Rs.200 per annum |
| (h) | Table Tennis | : | Rs.150 per annum |

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

- (5) Light bulbs/Tube rods in the hostel rooms are not provided or replaced by the college.
- (6) Any student who fails to pay the College dues by the prescribed date may be fined, suspended or ultimately removed from the college.
- (7) **Refund Rules:**
- (a). The amount of Rs. 1000/- (processing fee/counseling fee) paid by a student at the time of counseling is non-adjustable and non-refundable.
- (b). If a student after paying the full fee does not join the institute or who fail to attend atleast 40% of total Lectures/Practical and apply for refund, the fee deposited by the student shall be refunded after deducting proportionate amount of college and hostel fee for the period starting from the month of admission to the month of application for refund.
- (c) If a student leaves the institute after joining the course, the fee deposited shall be refunded, after proportionate deductions of college and hostel fee.
- (8) Registration in every semester is mandatory.
- (9) All the students will be required to open their bank accounts in State Bank of Patiala, Extension Counter, CCET, Sector-26, Chandigarh at the time of admission.
- (10) The Students will be required to get the college blazer by themselves as per the quality and color of cloth prescribed by the college.

9. 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 in advance by the 15th of the month in which it falls due.
- (2) A fine of Rs.10/- per day will be levied for the fees which is overdue. 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.
- (3) When the last date of payment of fees falls on Sunday or any other holiday the working day preceding that will be considered due date e.g. if 4th and 5th are holidays 3rd will be considered as due date.
- (4) 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.
- (5) Students whose fee is delayed by more than four weeks may not be allowed to attend classes until all the arrears have been paid.
- (6) Where more than one installment of fee is in arrears, fine be levied on the above scale for each installment of fees.
- (7) Disciplinary and other fines imposed on the student will be collected along with the fees.

The amount collected by way of penalty/fine will be deposited in the amalgamated fund

10. STUDENTS FACILITIES AND EXTRA CURRICULAR ACTIVITIES

(1) **Students Executive council:**

Students Executive Council is constituted each year to expeditiously deal with the problems to the students. Eighteen student members are derived from different constituencies. The constituencies have been so constituted that the elected representative from these constituencies can realistically present the interest and problems of the students concerning all areas of their life, namely, curricular, Extra Curricular, Cultural, Sports, Hostel and Mess etc.

(2) **Medical Facilities:**

The college has its own dispensary where the medical facilities exist for the students and staff. In addition to day-to-day attendance to ailments, special attention is paid to the health of the students. All the students are medically examined at least once a year by the college Medical Officers and standard Physical Medical Record of the students is maintained.

(3) **Training and Placement:**

The Training and Placement office arranges seats for Second and Third Year students for practical training, which is stipulated under their academic curriculum. The office invites the potential employers of the country.

(4) **Industry Institution Interaction:**

The Training & Placement Cell firmly believes in 'Industry-Institute Interaction'. In order to accomplish 'Industry-Institute Interaction', it organizes technical talks and national seminars to provide a platform for the budding engineers to interact with professionals from various industries. It encourages visits to the industries by the college students. It arranges for industrial problems to be worked on by students as part of their projects. It also takes suggestions from members of industry regarding designing/changing of curriculum.

(5) **Students Welfare Funds:**

The College has a Students Welfare Committee, which provides financial assistance for the welfare and benefit of economically weak students of the College. The Welfare Fund is raised through subscriptions from the students of the College and contributions from other sources. The students will be sponsored to participate in Technical Events as per the College Rules.

(6) Travel Concession:

Travel Concession by Rail/ Air is admissible to the bonafide students of the college to visit their Home Town during vacation for training and paper reading etc. However, if parents/guardians of the students have objection to Air concession for their sons/ wards, they should intimate to the College Office at the time of Admission.

11. 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) While undergoing practical training students must conform in every respect to rules of the Department or Establishments in which they are taking training. They are subject to the order and disciplinary control of the authorities of such departments or establishments.

- (4) 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.
- (5) Student desiring to resign from college must apply in writing and such application be supported by his parents or guardian.
- (6) 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.
- (7) 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.
- (8) 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.
- (9) 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.
- (10) 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.
- (11) The notices displayed on the various notice boards are deemed to have been served on the student.
- (12) Ragging in any form inside or outside the campus is banned as per the ruling of Hon'ble Supreme Court of India.
- (13) The Principal's decision in all matters is final.

12. RULES REGARDING MAINTAINCE 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 bring any guest their rooms, except with the prior written permission of the Hostel warden.
5. The residents are not allowed to keep guests in their rooms, except with the prior written permission of the Hostel Warden.
6. The residents shall not commit any breach of peace in the hostel premises
7. The residents shall not invite undesirable elements into the hostel premises.
8. The residents are not permitted to stay overnight out of their hostels, or go out of station without prior permission of the Hostel Warden.
9. 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 result in the forfeiture of the appliance seized.
10. 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.
11. A Hostel Discipline committee comprising of senior and nominated members shall assist the Hostel Warden in monitoring the discipline in the Hostel. .
12. A resident shall not keep cash exceeding Rs. 500 with him in room. Cash in excess of this shall be deposited with the accountant/Mess Manager.
13. The residents are not allowed to keep costly items like T.V., Computers, Stereo decks etc. in their rooms.

A). 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 Rs. 100 to Rs.1000 per head depending upon the gravity/seriousness of the act.
- 3 Resident who has been fined for of 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.

13. 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 admission 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.

14. IMPORTANT INFORMATION

For B.E. Students:

1. The duration of the course of instructions for Bachelor of Engineering in any of the disciplines will be four years. The teaching period will be divided in eight semesters. A candidate will be required to pass in all the' subject of B.E. courses, where minimum pass marks are prescribed in maximum duration of 8 academic years counted from academic session in which candidate is admitted in B.E. first semester. If a candidate fails to pass the examination in the period of eight years, his/her candidature will stand cancel automatically. This period of eight academic years will also include the entire period during which he/she has suspended his/her studies on his/her own or has failed in the examination or debarred by University from taking any examination.
2. During the Session there will be two University Examinations of 1st to 8th Semesters, Minimum of 75 per cent of the attendance in each subjects is necessary for being admitted to examination in any subject. Besides the students must carry out and acquaint themselves with the laboratory and practical work covered during the year to the satisfaction of the Principal. Students are required to pursue their studies regularly. Those whose performance in the class tests is not satisfactory are liable to be detained by the Principal from appearing at the University Examinations. The detailed rules and syllabi of the University Examination are available from the Panjab University and every student is advised to get the latest copy of it for his guidance:
3. 1st, 3rd, 5th and 7th semester examinations will be held in the month of November/December and 2nd, 4th, 6th and 8th semester examinations will be held in the month of April/May every year or on such other dates as may be fixed by the Syndicate. Besides for 7th & 8th semesters an additional examination shall be conducted in the month of July/August every year.
4. A candidate shall be allowed to join the next higher semester provided he has undergone a regular course of studies in all the previous semesters in a sequential order.
5. In addition to the regular papers prescribed for the semester, a candidate appearing in a particular semester examination for the first time will be allowed to appear in a maximum of 10 subjects of lower semester/ semesters of which not more than 5 should be theory papers and not more than 5 should be practical papers.

- (a) A candidate will be deemed to have passed in a subject if he obtains 40% marks in the aggregate of the subject (after including marks for university examination and internal, assessment put together). Provided further that the candidate must have obtained a minimum of 40 marks in the theory subject in the examination conducted by the University also.

Explanation: No pass marks are required for internal assessment/sessional marks in the theory subjects.

(b) NON THEORY PAPERS

- (i) A candidate will be deemed to have passed in a non theory subjects (Seminar/Project/Vocational Training etc,) if he/she obtains the following minimum marks, if not specified in the scheme otherwise.
- (ii) 40% in the examination marks (if University Exam. is prescribed); and
- (iii) 40% in internal assessment/sessional assessment, before appearing in the University examination, if any.
- (c) A candidate will be allowed a maximum of 4 attempts to appear in any semester examination. These attempts will be spread over four successive University examinations for odd semesters in November/December and for even semester April/max. 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 the duration of four years.

6. Absence from any examination will be considered a failure. No medical certificate of evidence of sickness during or prior to the time of examination will exempt a student from any examination.

7. Students found using unfair means in a University or other examinations are liable to expulsion from the College and other disciplinary action in addition to any penalties, the University authorities may decide to impose.

8. In addition to the University Examination, Sessional Tests are held during the Semester to enable the teaching staff to gauge the progress of individual student and class as a whole. Marks obtained by the students during these examinations count towards marks in the sessional at University examination in the manner provided under the relevant University Regulations to which reference may be made.

9. General fitness forms a part of sessional work for all the Engineering Examinations of the university and success in these is as obligatory as in any other examination. Marks in general fitness are awarded on the basis of the performance of the students in sports, N.C.C., Physical Fitness, N.S.S., Tutorial meetings, Curricular activities, attendance, Good conduct etc.. Students are, therefore, advised to pay due attention to the various activities in the College.

10. In addition to the practical training received at the College Workshop during the vacations in first year, student shall undergo four to six weeks approved engineering practical training from approved engineering works outside the College after the fourth and sixth Semester Examinations to the satisfaction of the Principal. Regular reports regarding his conduct, attendance and progress during his practical training will be required from the authorities under whom he is undergoing training.

11. A student is permitted to choose for himself the particular type of engineering practical training that he wishes to undergo. It is subject to Principal's approval regarding suitability. In this connection the Principal or his nominee will always be pleased to advise students as to the best training having regard to the particular areas in which they seek to make their career.

12. Every Sixth Semester student must give to the concerned head of the Department or Training-cum-Placement Officer his preference of choice for practical training in the prescribed form early in March to enable him to make arrangement for training in time.

13. The arrangement of practical training will be made by the College Training and Placement Cell only in the beginning of the training period. A student who does not avail himself of this arrangement does so at his own risk. It will be entirely his responsibility to fix his practical training elsewhere with the approval of the Principal.

15. 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 Rs.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 Rs.18, 000 p.a. (Rs.1, 500 p.m.) i.e.300 p.m. family per capita income:-

- i. 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.
- ii. 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.
- iii. 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.

(b) 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:-

- (i) In case of first year students on the result of 1st Semester.

- (ii) 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 Rs.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.

16. TENTATIVE ACADEMIC CALENDAR: 2009-2010

S.NO.	PROGRAMME	FROM	TO
1.	College Re-opens after summer Vacation	13.07.2009	-
2.	Teaching of Odd Semester	13.07.2009	24.11.2009
3.	Sessional Test-I (Odd Semester)	02.09.2009	04.09.2009
4.	Blood Donation Camp	(Date to be decided)	-
5.	Sessional Test-II (Odd Semester)	07.10.2009	09.10.2009
6.	Sessional Test-III (Odd Semester)	04.11.2009	06.11.2009
7.	Study Group for Odd semester	09.11.2009	16.11.2009
8.	University Examination (Odd Sem. Regular Theory & Practical)	17.11.2009	02.12.2009
9.	NSS Camp	(Date to be decided)	-
10.	Winter Break	25.12.2009	01.01.2010
11.	College Reopens after winter break	04.01.2010	-
12.	Teaching of Even Semester	04.01.2010	26.04.2010
13.	Sessional Test-I (Even Sem.)	10.02.2010	12.02.2010
14.	Annual Sports Meet	(Date to be decided)	
15.	Sessional Test-II (Even Sem.)	10.03.2010	12.03.2010
16.	Annual Technical Societies/Clubs Function	(Date to be decided)	
17.	Sessional Test-III(Even Sem.)	07.04.2010	09.04.2010
17.	Study Group for Even semester	16.04.2010	23.04.2010
18.	University Examination (Even Sem. Regular Theory & Practical)	26.04.2010	10.05.2010
19.	Workshop for First Year Students as per university requirements	31.05.2010	25.06.2010
20.	Industrial Training / Workshop for 2 nd Year students	24.05.2010	25.06.2010
21.	Practical Training for 3 rd year students.	24.05.2010	25.06.2010
22.	College re-open for the session 2009-2010	-	-

Note: -

- (i) Preparatory holidays will not be more than one week before the commencement of semester examinations; and
- (ii) Adjustments, if any, in the Semester schedule of certain University teaching Departments may be allowed by the Dean of University Instruction in special cases.

LIST OF HOLIDAYS FOR THE CALENDAR YEAR 2009

(As per Chandigarh Administration)

SCHEDULE OF HOLIDAYS

1. All Sundays
2. All Saturdays

S. No.	Name of holiday	Date on which they fall	Day of the week
Other Holidays			
1.	Birthday of Sri Guru Gobind Singh Ji	05 th January	Monday
2.	Muharram	08 th January	Thursday
3.	Republic Day	26 th January	Monday
4.	Guru Ravi Dass Jayanti	09 th February	Monday
5.	Mahashivratri	23 rd February	Monday
6.	Holi	11 th March	Wednesday
7.	Ram Naumi	03 th April	Friday
8.	Good Friday	10 th April	Friday
9.	Janamashtami	14 th August	Friday
10.	Independence Day	15 th August	Saturday
11.	Id-ul-Fitr	21 st September	Monday
12.	Dussehra (Vijaydashmi)	28 th September	Monday
13.	Mahatma Gandhi's Birthday/Id-ul-Fitr	02 nd October	Friday
14.	Diwali (Deepawali)	17 th October	Saturday
15.	Birthday of Sri Guru Nanak Dev Ji	02 nd November	Monday
16.	Id-ul-Zuha(Bakrid)	28 th November	Saturday
17.	Christmas Day	25 th December	Friday