BEANT COLLEGE OF ENGINEERING & TECHNOLOGY GURDASPUR

PUNJAB GOVERNMENT INSTITUTE
ACADEMIC AUTONOMY BY UGC
NBA ACCREDITED COURSES
MENTOR INSTITUTE UNDER TEQIP-III

BEANT COLLEGE OF ENGINEERING AND TECHNOLOGY

INFORMATION BROCHURE
2020-21

Bachelor of Technology Courses
- Bio-Technology
- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Information Technology
- Mechanical Engineering

Diploma Courses
- Computer Engineering
- Electronics & Communication Engineering
- Mechanical Engineering

M. Tech. -Thermal Engineering (Regular)
M.Sc. - Physics (Regular)
M.Sc. - Chemistry (Regular)
B.Sc. (Hons) Agriculture
B.Sc. (Non-Medical)
BCA
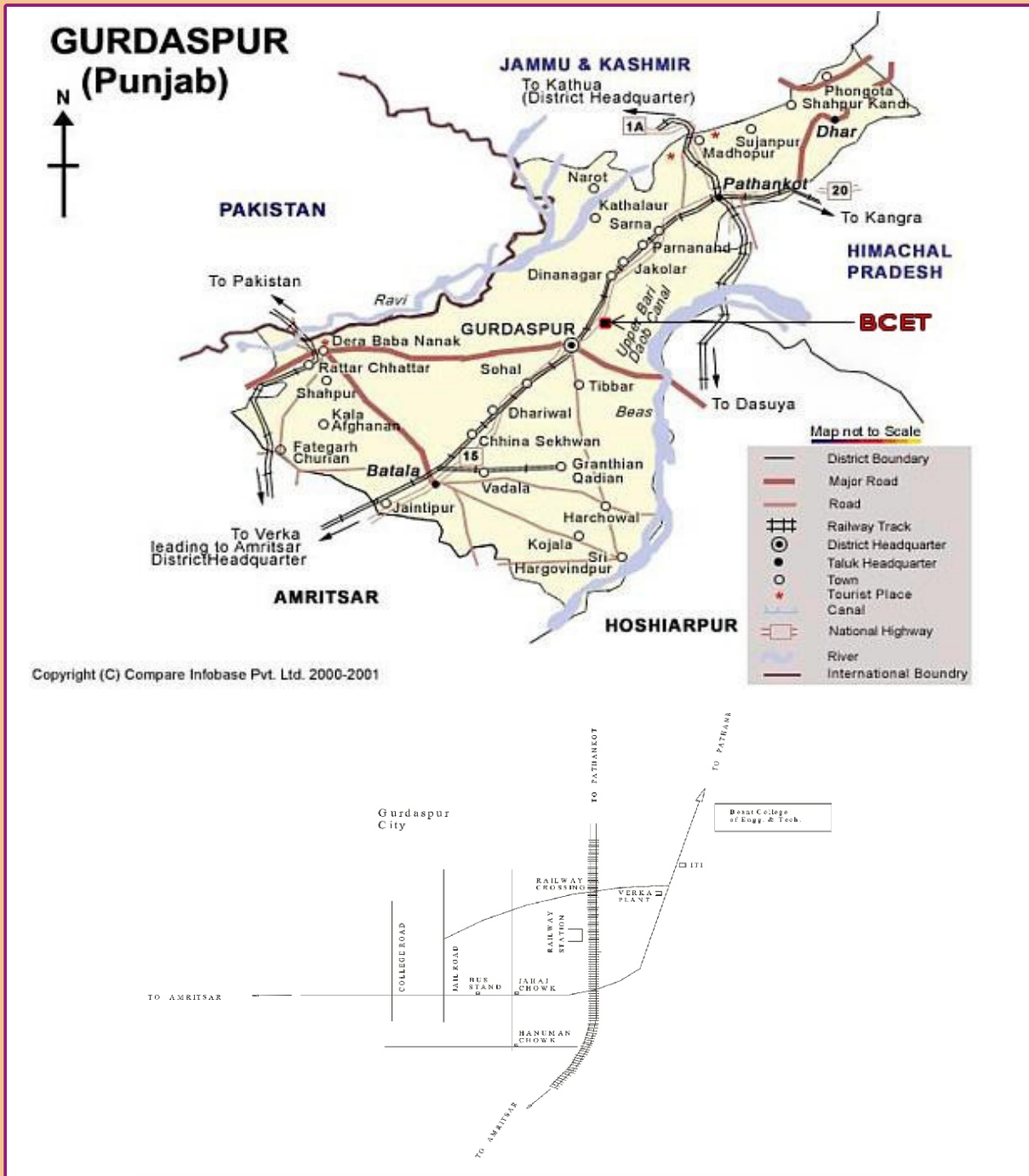School - 10+1 and 10+2 (Non-Medical)

BEANT COLLEGE OF ENGINEERING & TECHNOLOGY
Gurdaspur-143521, Punjab, India

(Established and Promoted by the Govt. of Punjab)
Accredited by NAAC, New Delhi
Under the Mentorship of IIT Ropar
Ph. : 01874-221463, 221464, Website : www.bcetgsp.ac.in

GURDASPUR (Punjab)

N

JAMMU & KASHMIR
To Kathua (District Headquarter)

Phongota
Shahpur Kandi
Dhar
1A
Sujanpur
Madhopur
Narot
Pathankot
20
Kathalaur
To Kangra
Sarna
Parnanand
HIMACHAL PRADESH
PAKISTAN
Dinanagar
Jakolar
To Pakistan
Ravi
BCET
Dera Baba Nanak
GURDASPUR
Rattar Chhattar
Sohal
Upper Bari Doab Canal
Shahpur
Tibbar
To Dasuya
Kala Afghanan
Dhariwal
Beas
Fategarh Churian
Chhina Sekhwan
15
Granthian
Batala
Qadian
Vadala
Jaintipur
Harchowal
To Verka leading to Amritsar District Headquarter
Kojala
Sri Hargovindpur
AMRITSAR
HOSHIARPUR

Copyright (C) Compare Infobase Pvt. Ltd. 2000-2001

Map not to Scale
District Boundary
Major Road
Road
Railway Track
District Headquarter
Taluk Headquarter
Town
Tourist Place
Canal
National Highway
River
International Boundry

TO PATHANKOT
TO PATHANK
Gurdaspur City
Beant College of Engg. & Tech.
ITI
RAILWAY CROSSING
VERKA PLANT
COLLEGE ROAD
JAIL ROAD
RAILWAY STATION
TO AMRITSAR
BUS STAND
JAHAJ CHOWK
HANUMAN CHOWK
TO AMRITSAR

DISCLAIMER

The statements made in this prospectus and all the information contained herein are believed to be correct at the time of publication. However, the college reserves the rights to make changes and to do additions in the regulations, Fee Structure, conditions governing the conduct of the students and any other information, or statement(s) contained in the prospectus may be changed at any time without any notice. No responsibility will be accepted by the college for hardship or expenses incurred by the students/candidates or any other person(s) for such changes/additions/omissions/errors no matter how they are caused.

VISION

To grow and develop the technical professionals who can fulfill National and International aspirations

MISSION

Abiding by the dictum "Think, Feel and Act"; creating work culture in order to nurture the spirit of innovation and hard work for wholesome learning and knowledge updation.

CHAIRMAN OF THE GOVERNING BODIES

Hon'ble Chairman, Board of Governors

Sh. Charanjit Singh Channi

Hon'ble Minister, Technical Education and Industrial Training, Punjab

Hon'ble Chairman, Finance Committee

Sh. Anurag Verma IAS

Principal Secretary to Govt. of Punjab

Department of Technical Education and Industrial Training, Punjab

Hon'ble Chairman, Building Works Committee

Sh. Anurag Verma IAS

Principal Secretary to Govt. of Punjab

Department of Technical Education and Industrial Training, Punjab

Hon'ble Chairman, Equipment Store Purchase Committee

Sh. Kumar Saurabh Raj, IAS

Director

Department of Technical Education Industrial Training, Punjab

DEANS/ HODs/COORDINATORS/SECTION INCHARGES

S. No.	Name	Responsibility	Mobile No.
1.	Dr. Dilbag Singh, Professor	Dean, Administration	8872458883
2.	Dr. Rakesh Kumar Dogra, Professor	Dean, Faculty	9872150166
3.	Dr. N.S. Kalsi, Professor	Dean, P D	8872500370
4.	Dr. Ranjit Singh, Professor	Dean, Academics	8872457733
5.	Dr. S.K. Gupta, professor	Dean, PGR	8054182334
6.	Dr. Gurpadam Singh, Assoc. Prof.	Dean, Students Welfare	9464106036
7.	Dr. N.S. Kalsi, Professor	Dean, Alumni	8872500370
8.	Dr. S.K. Srivastava, Professor	HOD, Applied Science Humanities management	9855968325
9.	Sh. P.K. Yadav, Assoc. Prof.	HOD, Bio-Tech. Chem. Engineering	9417073495
10.	Dr. Anil Kumar , Assoc. Prof.	HOD, Civil Engineering	9417286270
11.	Sh. A.K. Dogra , Assoc. Prof.	HOD, Computer Science Engineering	9914318148
12.	Dr. Jaswinder Singh , Assoc. Prof.	HOD, Electronics Communication Engineering	9463430078
13.	Sh. Guresh Pal Singh, Assoc. Prof.	HOD, Information Technology	8146222265
14.	Dr. Jagdev Singh, Assoc. Prof.	HOD, Mechanical Engineering	8872053020
15.	Sh. Arpinder Singh, Assoc. Prof.	HOD, Computer Center/ Chief Counselor	9646020532
16.	Sh. Baljeev Kumar, Assoc. Prof.	HOD, Agriculture Sciences	9417198711
17.	Sh. Anil Sagar, Assoc. Prof.	Principal, Polytechnic Wing	9888748851
18.	Sh. Sukhbir Singh, Assoc. Prof.	Public Information Officer	9880501582
19.	Dr. Amarpal Singh, Professor	Controller of Examinations	9855715741
20.	Dr. Ranjit Singh, Professor	Coordinator Energy Conservation Cell	8872457733
21.	Dr. Harish Pungotra, Professor	Chief Warden	8872733343
22.	Dr. Vijay Kumar, Assoc. Prof.	Warden, Hostel No. 1 2	9779708010
23.	Dr. Sanjeev Kumar, Assoc. Prof.	Warden, Hostel No. 3 4	9463086166
24.	Smt. Mandeep Kaur, Assoc. Prof.	Warden, Girls Hostel	9914106037
25.	Smt. Prabhjot Kaur	Incharge, Central Library	9855434404
26.	Sh. Surinder Singh, Lecturer (WP)	Transport Officer	9914039328
27.	Dr. R.C. Gangwar, Professor	Coordinator, NBA NAAC	9464248959
28.	Sh. Gurnam Singh, Lecturer (WP)	President Sports	8360966202
29.	Dr. Rakesh Dogra, Professor	Public Relation Officer	9872150166
30.	Dr. Darshan Kumar, Assoc. Prof.	Coordinator, NIRF Academic Autonomy	8872109031
31.	Sh. Deepak Kaila, Asstt. Prof.	Incharge, College Website.	9464548801
32.	Dr. Naveen Beri, Assoc. Prof.	I/C, Results Evaluation	8727099709
33	Sh. Parveen Kumar, Assoc Prof.	Incharge, Conduct Secrecy	9855502871
34.	Sh. Sukhwinder Bir, Assoc. Prof.	Incharge, NSS	8968888944
35.	Dr.. Rajeev Bedi, Assoc. Prof.	Officer Incharge (Establishment)	7696168094
36..	Sh. Vishal Mahajan, Asstt. Prof.	I/C Entrepreneurship Startup	9988393002
37.	Dr. Baljeev Kumar, Assoc. Prof.	I/C Biometric Attendance	9417198711
38.	Dr. Rajeev Malhotra, Assoc. Prof.	I/C ISTE	9914715310
39.	Dr. Sarabjeet Singh Sidhu, Assoc.Prof.	Training Placement Officer	9814888828
40.	Sh. Lalit, Asstt. Prof.	Placement Incharge, CSE	9501708209
41.	Sh. Amandeep, Asstt. Prof.	Placement Incharge, ECE	8198077177
42.	Dr. Sandeep Gandotra, Asstt. Prof.	Placement Incharge, ME	9872622178
43.	Sh. Amit Verma, Asstt. Prof.	Placement Incharge, IT	9888873777
44.	Sh. Akshay, Asstt. Prof.	Placement Incharge, Bio Tech.	9417328493
45.	Sh. Kanchan, Asstt. Prof.	Placement Incharge, Chemical Engineering	8437377977
46.	Sh. Shubham Bhalla, Asstt. Prof.	Placement Incharge, Civil Engineering	9877361962
47.	Sh. Balwant Singh, Foreman Instructor	Coordinator, Central Workshop	9855341009

MESSAGE FROM THE DIRECTOR

Beant College of Engineering & Technology, Gurdaspur was established in the year 1995 by the full financial and administrative support from the Government Punjab. BCET Gurdaspur campus spread over 70 acres of land is having college buildings, hostels for the students, residential colony, shopping complex and other amenities. This college attracts students from various parts of the country. The college provides highly conducive environment in academics, research, consultancy and overall development of the students for their better placements.

The college has an excellent infrastructure to keep pace with advancement in technology. It has very speedily developed laboratories and other necessary infrastructure. The College is planning to grow vertically by adding more M. Tech. Programmes and funded projects. At BCET, we have a tradition of nurturing leadership qualities along side developing capabilities to challenge the state of the art technologies.

Technology driven pedagogical approach delivered by motivated faculty ensures that the students who graduate from BCET are a class apart. Moreover, discipline, which is a non-negotiable factor in a student's life at BCET, inculcates the values of time management and punctuality. With experienced and dedicated teachers and excellent infrastructure, our college helps students to realize the ir goals in life. I encourage all students to take advantage of the opportunities provided by the college and involve them selves in all the extra curricular activities that are offered. The over all development of the mind and body is a sign of a healthy and complete development.

I welcome the students of 2020 batch to this prestigious college of Punjab. I, on the behalf of BOG, faculty and staff members assure you that we will not leave any stone unturned to reform the students into good technocrats and human beings as per the requirement of the society. I am confident that you will have a comfortable stay in the college and you will touch the heights higher than the highest.
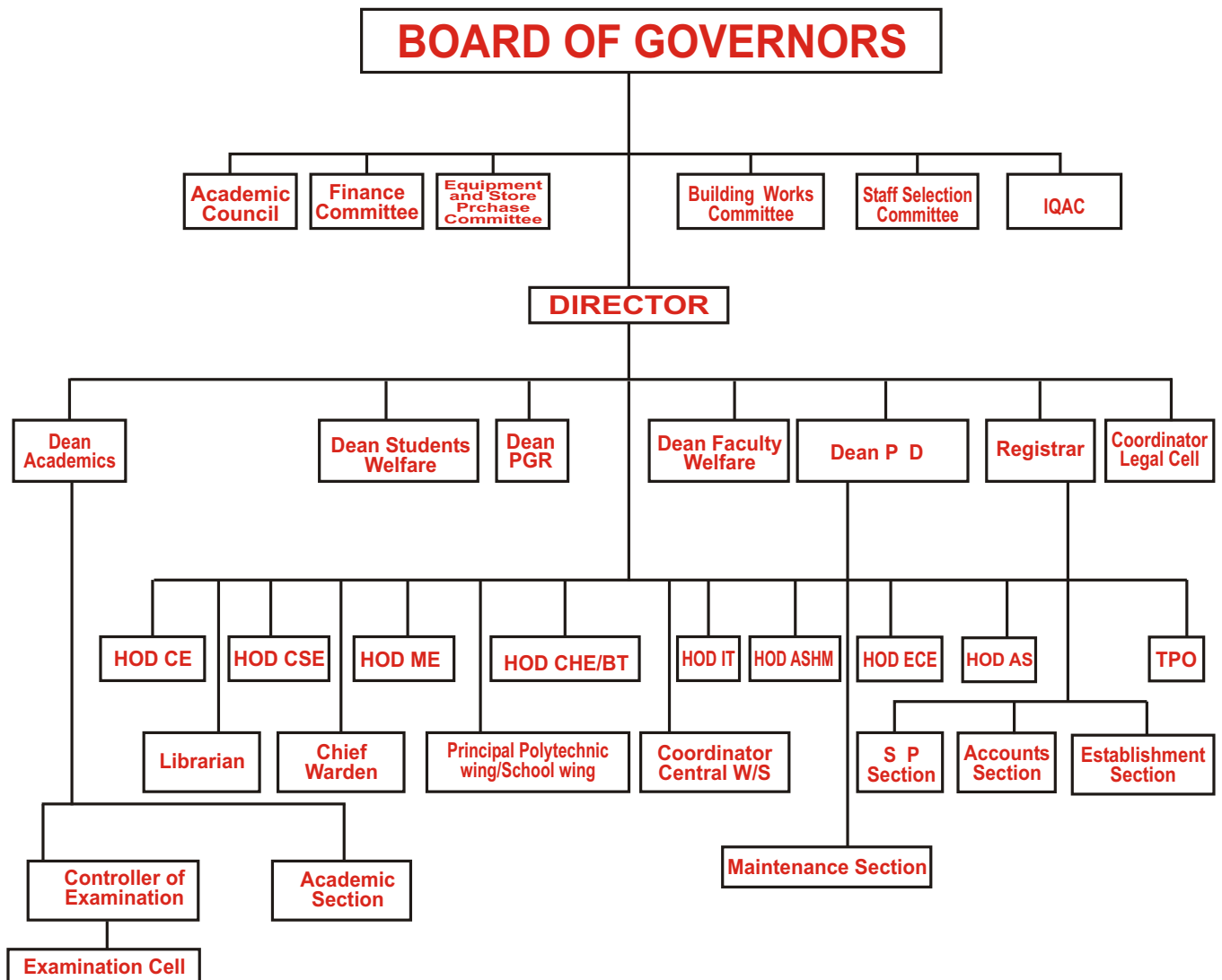
Dr. T.S. Sidhu
DIRECTOR

INDEX

COLLEGE ADMINISTRATION

The college activities are run by the college administration as per the organizational structure given below :

```
                         BOARD OF GOVERNORS
    ┌──────────┬──────────┬──────────┬──────────┬──────────┬──────────┐
 Academic   Finance   Equipment              Building Works  Staff Selection  IQAC
 Council   Committee  and Store              Committee       Committee
                      Prchase
                      Committee

                           DIRECTOR
 ┌────────┬──────────┬──────┬──────────┬─────────┬─────────┬──────────┐
 Dean      Dean Students  Dean    Dean Faculty  Dean P D  Registrar  Coordinator
 Academics Welfare        PGR     Welfare                            Legal Cell

   HOD CE   HOD CSE   HOD ME   HOD CHE/BT   HOD IT  HOD ASHM  HOD ECE  HOD AS   TPO

            Librarian  Chief    Principal Polytechnic  Coordinator   S P      Accounts   Establishment
                       Warden   wing/School wing       Central W/S   Section  Section    Section

                                                       Maintenance Section

   Controller of    Academic
   Examination      Section

   Examination Cell
```

PREFACE

Beant College of Engineering & Technology, Gurdaspur was established in 1995 with full financial and administrative support of the Government of Punjab. This College is an autonomous institution registered under the societies registration act. Beant College of Engineering & Technology, Gurdaspur is spread over lush green area of 70 acres. The foundation stone was laid on February 28, 1994 and the college was inaugurated on August 20, 1995 by the then Chief Minister, Late Sardar Beant Singh. The college started functioning initially with three disciplines of Computer Science & Engineering, Mechanical Engineering and Production Engineering with an annual intake of 120 students. The college is affiliated to IKG Punjab Technical University, Kapurthala. The College presently offers eight under graduate disciplines; B.Tech. in Bio-Technology, Chemical Engineering, Civil Engineering, Computer Science & Engineering, Electronics Communication Engineering, Information & Technology, Mechanical Engineering, B.Sc. (Hons.) Agriculture, B.Sc. (Non-Medical) and BCA with an annual intake of 768 students.

The College is also offering M. Tech. Thermal Engineering, M.Sc. (Physics) and M.Sc (Chemistry). The Polytechnic Wing of the college is offering three year Diploma Courses in Mechanical Engg,. Electronics Communication Engineering and Computer Science and Engineering with an annual intake of 180 students. Polytechnic wing of the college is affiliated to Punjab State Board of Technical Education, Chandigarh. Further, with an aim to breed the quality professionals, the institute is also offering 10+1 and 10+2 (Non-Medical) school education with an annual intake of 50 students each. Beant College of Engineering & Technology, Gurdaspur has steadily and impressively grown in size and activities during the last 25 years of its existence.

Beant College of Engineering & Technology, Gurdaspur is recognized among the leading Government promoted engineering colleges of the state. The college got academic autonomous status by UGC, New Delhi for six years, w.e.f. session 2014-15. The college also got accredited by NAAC, New Delhi. In order to uplift academic standard of the college, MOU has been signed with IIT Ropar, Punjab (an institution of international importance). In the present Information Brochure (2020-21), any query regarding the content may please be brought to the notice of Academic Section of the college.

Dr. Ranjit Singh
Dean Academics

ENGINEERING WING

BRIEF INTRODUCTION

The College offers academic programmes at the UG level leading to B.Tech. BSc and BCA courses and at the PG level leading to M.Tech. and MSc courses. The College has established eight departments and five central units to cater academic activities.

DEPARTMENTS

- Applied Sciences, Humanities Management
- Chemical Engineering Bio-Technology
- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Information Technology
- Mechanical Engineering
- Agriculture Sciences

CENTRAL UNITS/FACILITIES

- Computer Centre
- Central Library
- Administrative Wing
- Central Workshop
- Training Placement Cell

FACULTY

Beant College of Engineering and Technology, Gurdaspur has well qualified, highly motivated and fully committed faculty in all departments and centres to impart quality education. More than 30 faculty members are Ph.D and others are pursuing Ph.D.

CONFERENCES/SEMINARS/WORKSHOPS/SHORT TERM COURSES

Beant College of Engineering and Technology, Gurdaspur organizes Conferences/Seminars/Workshops / Short Term Courses which provide common platform for Researchers/Teachers to share their views and Research results.

ALUMNI ASSOCIATION

The alumni of any college are its greatest assets. Each one of the BCETIANS possesses incredible value to the College. Many of our Alumni are highly placed in India and abroad.

CAMPUS PLACEMENT

Beant College of Engineering and Technology, Gurdaspur is consistently maintaining the status of excellent placement for its students through Training and Placement cell. The details of various organizations, who visited and placed our students are given in the training and placement section.

MOU WITH IIT ROPAR

Under the able guidance of Govt. of Punjab, MOU with IIT Ropar has been signed for improving academic standard of BCET, Gurdaspur.

ADMISSION TO UNDER GRADUATE PROGRAMMES

The College offers UG programmes in the following disciplines as per the given intake. The detail of eligibility cariteria can be found from IKG PTU website www.ptu.ac.in.

UG Programme	Total Intake
Bio Technology	60
Chemical Engineering	30
Civil Engineering	60
Computer Science and Engineering	120
Electronics and Communication Engineering	60
Information Technology	60
Mechanical Engineering	120
BSc (Hons) Agriculture	60
B.Sc. Non -Medical	60
BCA	60

* In addition 5% seats are extra over above sanctioned intake.

Lateral Entry Admission in the Second year of U.G. Programmes

Lateral Entry admission to the B.Tech. programme for Diploma holder(s) at the 2nd year level is made through the counseling conducted by IKG Punjab Technical University, Jalandhar on the basis of merit prepared from the marks secured in the Diploma stream as per IKG PTU guidelines from time to time.

ADMISSION TO POST GRADUATE PROGRAMMES

The College offers AICTE approved M.Tech. (Thermal Engineering) PG Programme with an intake of 18 seats. The college also offers M.Sc. (Physics) M.Sc. (Chemistry) PG Programmes with an intake of 30 seats each.

DEPARTMENT OF APPLIED SCIENCES, HUMANITIES MANAGEMENT

The Department of Applied Sciences, Humanities and Management covers the subject areas of Applied Physics, Applied Chemistry, Material Science Engineering, Communication Skills and Management. This department has been catering to the needs of CE, ECE, ME, BT, IT departments. The department has highly qualified faculty and is involved in the research activities in the form of their own continuing research work, post-doctorate fellowship, guiding Ph.D. students and development activities in the form of executing projects funded by AICTE, New Delhi under MODROBS, TAPTEC RPS schemes. The Department offers post graduate degrees in Applied Physics . The department has its own well equipped laboratories for students/research students as follows:

1. Applied Physics Lab
3. Language Lab
2. Applied Chemistry Lab
4. Numerical Analysis Lab

The new equipments are being continuously added and the laboratories are refurnished. Projects sponsored by AICTE have been successfully completed in the department under MODROBS scheme for strengthening the laboratories. The detailed list of faculty and equipments are as follows:

Equipments and Laboratries

B.Tech Lab	M.Sc Physics / M.Sc. Chemistry/B.Sc. Non-Medical Labs
Physics lab Chemistry lab Communication lab He-Ne laser kit Ultrasonic Interferometers Spectrometers Modulation and demodulation of Optical signals Set-up for intensity response of solar cells and Photodiode Opto-electronic kits consisiting of LDR, VDR, photodiode, LED, Zener diode etc. Composite Piezo-electric oscillator set-up Red wood viscometer Set-up for electron spin resonance Solid- State detector Ultrasonic Flaw (cracks or blowholes) detection system Spectrophotometer (UV-visible) Nephalometer Water analysis kit (mp based) Flash point apparatus Muffle furnace Distillation Plant Atomic absorption spectrophotometer Polarimeter and Polarograph 20 computers with internet facility	Physics Lab I Physics Lab II Physics Lab III Hall Effect Set-up Logic gates J K Flip flop MUX kit DEMUX kit Digital PH Meter Michelson's Intreferometer Hystersis-loop tracer for magnetic materials UV- visible spectrometer Impedance analyzer

Faculty Profile

Name	Designation	Qualification	Mobile No.	Area of Specialization
Dr. Rakesh Dogra	Professor	Ph.D (Eperimental Physics), Post Doctrate at IPEN, Brazil Post Doctrate at ANU, Australia	98721-50166	Material Physics Nuclear Physics
Dr. Sanjay K. Srivastava	Professor Head	Ph.D (Mathematics)	98559-68325	Differential Equations and Stability analysis
Dr. Jatinder K.Behl	Associate Professor	Ph.D	94174-02577	British English poet
Dr. Arvind Kumar	Professor	Ph.D (Experimental Physics)	98726-15601	Nuclear Physics
Dr.Rajeev Malhotra	Associate Professor	Ph.D (Experimental Physics)	99147-15310	Nuclear Physics
Dr. Anju Awasthi	Associate Professor	Ph.D (Chemistry)	88727-00517	Polymers
Dr. Vijay Kumar	Associate Professor	Ph.D (Mathematics)	97797-08010	Mathematical Modeling
Mrs. Harvinder Kaur	Assistant Professor	M.Sc. (Mathematics), M.Phil.	94658-38650	Mathematics
Dr. Rishi Tuli	Assistant Professor	Ph.D (Mathematics)	80546-50355	Mathematical Modeling
Mr. Vishal Mahajan	Assistant Professor	M.B.A	98883-93002	Marketing
Mrs. Lovejit Kaur	Assistant Professor	M.Sc. (Chemistry), M.Phil.	75080-08989	Chemistry
Dr. Pallvi Mahajan	Assistant Professor	Ph.D (Mathematics)	98142-33325	Mathematics
Mrs. Priti Wadhera	Assistant Professor	M.Sc. (Chemistry)	94644-89367	Chemistry
Mrs. Manbir Kaur	Assistant Professor	M.Sc. (Mathematics), M.Phil.	96642-45003	Mathematics
Dr. Vinod Kumar	Assistant Professor	Ph.D (Physics)	94177-03573	Condensed Matter Physics

DEPARTMENT OF BIO-TECHNOLOGY

Vision

We all faculty, staff and students of Biotechnology Department of BCET believe in a bright tomorrow, filled with a zest for innovation and celebrating life in its full glory, empowered by technical expertise, knowhow, skill and humaneness.

Mission of the Department

- Development of human resources in the field of Biotechnology to serve the cause of nation.
- Creation of a sustained learning environment for acquiring technical knowledge and professional application of the same in the domain of Biotechnology .
- Inculcating amongst our students a deep understanding of the fundamental principles, concepts and practice in Biotechnology .
- Creating conducive environment for innovation to translate theoretical knowledge into practical applications.
- Preparing budding Biotechnology engineers to meet the ever increasing technological and social challenges with its

traditions of self discipline, hard work, all round personality development and a creative approach to problems.
- Maintaining accountability towards our profession through the process of self evaluation and continuous improvement.

Programme Educational Objectives (PEOs)

1. To provide students with a sound foundation in the mathematical, scientific and engineering fundamentals necessary to formulate, solve and analyze engineering problems and to prepare them for graduate studies.
2. To develop the ability among students to synthesize data and technical concepts to solve problems relevant to the general practice of Biotechnology and engineering design.
3. Students will develop professional skills that prepare them for immediate employmentin industries and other organizations.
4. Students will learn to communicate their ideas to be effective in collaboration with other members of engineering teams.
5. To promote student awareness of the life-long learning and to introduce them to professional ethics and codes of professional practice.

Expected Programme Outcomes (POs) : The programme outcomes are as follows:

a) The graduates are expected to have ability to apply knowledge of mathematics, science and engineering.
b) Graduates are expected to identify, formulate and solve Biotechnology problems.
c) The graduates are expected to have ability to design and conduct experiments, as well as to analyze and interpret data.
d) The graduates are expected to have ability to design a system, a component, or a process that meets desired specifications and requirements .
e) The graduates are expected to possess ability to function on multi-disciplinary teams.
f) The graduates are expected to have understanding of professional and ethical responsibility.
g) The graduates are expected to engage themselves in life-long learning.
h) The graduates are expected to have knowledge of contemporary issues.
i) The graduates are expected to possess ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
j) The graduates are expected to have the broad education necessary to understand the impact of engineering solutions in a global, economic and societal context.
k) The graduates are expected to deliver engineering fundamentals in effective and innovative ways .
l) Graduates are expected to handle research projects for the development of engineering and technology.

The Department of Biotechnology was started in 2006 with B.Tech. Programme in Bio Technology. The department has highly qualified, experienced and dedicated faculty members with specialization in various field of Bio-Technology. The laboratories are well equipped with all the modern instruments and facilities to provide high end research in different specializations of Bio-Technology. The Department aims at Providing the not only theoretical but also the practical knowledge to give them best education and research facility in the upcoming multidisciplinary biotechnology fields.

The Department aims of creating environment to give best education and research of facility in biological related fields of Genetics Engineering, Microbiology and Bio Informatics. The department has well established laboratories with sophisticated equipment. This branch has emerged as an effective tool for attaining new horizons in crops and animals production globally.

LABORATORIES

Microbiology Lab	Biochemistry Lab
Industrial Microbiology Lab	Immunology Lab
Cell and Molecular Biology Lab	Genetic Engineering
Bioinformatics Lab	Animal Cell Culture Lab
Plant Biotechnology Lab	Bioanalytical Techniques Lab
Bioprocess Engineering Lab	Enzymology and enzyme Technology Lab
Genomics and Proteomics	Downstream Processing Lab
Transport Phenomenon Lab	Environment Biotechnology Lab
Software Engineering Lab	

MAJOR FACILITIES IN THE DEPARTMENT

Autoclove	Vacuum Pump
Laminor Flow Chamber	Dissecting Microscope
Spectrophotometer	Vernier Caliper
Colony Counter	Stage Micrometer
Compound Microscope	Hot Plate
Vortex Shaker	PH Meter
Hoemocytometer	Ocular Micrometer
SprinwinMicro centrifuge	Electronic Fine Balance
Elisa Reader	Vertical Gel Apparatus
CO_2 incubator	Water Bath
Deep Freezer	Gel Documentation System
UV Transiluminator	Distillation Unit
Incubator	Magnetic Stirrer
Fermentor	Ultra Violet Fluorescence analysis cabinet
	Seed Germinator

FACULTY PROFILE
Chemical Engineering Biotechnology

Name	Designation	Qualification	Mobile No.	Area of Specialization
Sh. P.K. Yadav	Associate Professor	M.Tech. (Pursuing Ph.D.)	9417073495	Chemical Engineering HOD
Sh. Baljeev Kumar	Associate Professor	M.Tech. (Pursuing Ph.D.)	9417198711	Chemical Engineering
Dr. Vipan Kumar	Associate Professor	Ph.D	9888220918	Chemical Engineering
Dr. Seema	Assistant Professor	Ph.D	7814855674	Chemical Engineering
Dr. Rajesh K. Sharma	Assistant Professor	Ph.D.	9872178653	Chemical Engineering
Sh. Kanchan Kumar	Assistant Professor	M.Tech. (Pursuing Ph.D.)	8437377977	Chemical Engineering
Ms. Manila Kashyap	Assistant Professor	M.Tech.	9914926585	Biotechnology
Sh. IndeshAttri	Assistant Professor	M.Tech.	9988542281	Biotechnology
Smt. Aanchal (On Leave)	Assistant Professor	M.Tech.	9417997247	Biotechnology
Sh. Akshay Mahajan	Assistant Professor	M.Tech.	6280981262	Biotechnology
Smt. Arvinder Kaur	Assistant Professor	M.Tech. (Pursuing Ph.D.)	9888747640	Biotechnology

ACADEMIC NSS In-charges

Sr. No.	Name	Designation	Duty Assigned
1.	Dr. Rajesh Kumar Sharma	Assistant Professor	Incharge, N.S.S. (Chemical Engg)
2.	Mrs Arvinder Kaur	Assistant Professor	Incharge, N.S.S. (Biotechnology)
3.	Sh. Vipin Kumar	Associate Professor	Incharge, Academic (Chemical Engg)
4.	Ms. Manila Kashyap	Assistant Professor	Incharge, Academic (Biotechnology)

Student Advisor/Batch	2016	2017	2018	2019	2020
Chemical Engineering	Dr. Rajesh Sharma	Dr. VipanSohpal	Sh.P.K.Yadav	Sh.Kanchan Kumar	Dr. Rakesh Sharma
Biotechnology	Sh.Akshay Mahajan	Ms. Manila Kashyap	Sh.IndeshAttri	Mrs.Arvinder Kaur	Sh.Akshay Mahajan

Department Technical Societies

Department has two department wise technical societies to chisel the technical skills of students in their respective fields. These societies aim to augment zeal of learning and to keep its members abreast of the latest developments in their technical fields. These societies aim to transform its members into perspicacious and innovative individuals besides improving their technical knowledge ,logical and analytical skills. Forexhibition ,General/Technical Quizzeons, Seminars etc, at technical campus level. Departmentsocieties and their officer Incharge are tabulated below:

Departmental Technical Societies

Department	Name	Teacher Incharge
Chemica Engineering	Chemical Engineering Society (CHES)	Sh. Kanchan Kumar
Biotechnology	Biogen Society (Biotechnology)	Sh. Indesh Attri

Training and Placement Incharge

S.No.	Name	Designation	Duty Assigned	
1.	Sh.Kanchan Kumar	Assistant Professor	Placement In charge	Biotechnology
2.	Sh. Akshay Mahajan	Assistant Professor	Placement In charge	Chemical

ATPO DEPARTMENT

Sr. No.	Name	Designation	Department
1.	Mr. Kanchan Kumar	Assistant Professor	Chemical Engineering
2.	Mr. Nakul Dewan	Assistant Professor	Biotechnology

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering started in 2016. The department offers four years course at undergraduate level leading to the award of AICTE approved B. Tech. degree in the discipline of Civil Engineering. The academic autonomy granted to BCET has allowed the department to have a curriculum as per the latest requirements of the industry. The curriculum designed by the Board of Studies of Civil Engineering department, underscores that in addition to the classroom instructions, emphasis should also be laid on the professional practices by making practical job training and major projects as an integral part of the curriculum. As the batches of civil engineering progress towards final year of degree, more and more labs will be added to the department of civil engineering. A lot of common labs of mechanical engineering will also be optimally utilized by the civil engineering department.

Major Laboratories

Engineering Computer Graphics lab (Common with Mechanical Engineering)
Strength of Materials/Structure design Lab (Common with Mechanical Engineering)
Fluid Mechanics Lab (Common with Mechanical Engineering)

FACULTY PROFILE

Faculty Name	Designation	Qualification	Experience yrs.
Mr. Navkamaljit Singh	Assistant Professor	M.Tech.	03
Mr. Jasjit Singh	Assistant Professor	M.Tech.	03
Mr. Ravi Bhushan	Assistant Professor	M.Tech.	3.5
Mr. Shubham Bhalla	Assistant Professor	M.Tech.	1.5
Mr Chetan Saini	Assistant Professor	M.Tech. and 10 years industry	04 teaching
Mrs Mandeep Kaur	Assistant Professor	M.Tech.	0.5

Labs

Surveying Lab
Geotechnical Engineering Lab
Transportation Engineering Lab
Concrete Technology Lab (To be set up shortly)
Structural Engineering Lab (To be set up shortly)
CAD lab common with Mechanical Engineering

Major Equipments

Measuring Chain,
Wooden Peg, Levelling
Staff, PlaneTable,
RangingRods,
Vernier Transit Theodolite
Liquid Limit Device,
Core Cutter Apparatus,
Pycnometer,
Brass Sieves
Crushing Value Apparatus,
Impact Testing Machine,
Flakiness Index,
Penterometer,
Flash and Fire Apparatus,
Sieves,
Bitumen Extractor

STUDENT ADVISORS

Sr. No.	Batch	Name of advisor	Mobile No.
1	2016	Mr. Navkamaljit Singh	9646541212
2	2017	Mr. Jasjit Singh	9780555514
3	2018	Mr. Shubham Bhalla	9877361962
4	2019	Mr. Ravi Bhushan	9478363634

DEPARTMENT OF CHEMICAL ENGINEERING

Vision

We all faculty, staff and students of The Chemical Engineering Department of BCET believe in a bright tomorrow, filled with a zest for innovation and celebrating life in its full glory, empowered by technical expertise, knowhow, skill and humaneness.

Mission of the Department

- Development of human resources in the field of chemical engineering to serve the cause of nation.
- Creation of a sustained learning environment for acquiring technical knowledge and professional application of the same in the domain of chemical engineering.
- Inculcating amongst our students a deep understanding of the fundamental principles, concepts and practice in chemical engineering.
- Creating conducive environment for innovation to translate theoretical knowledge into practical applications.
- Preparing budding chemical engineers to meet the ever increasing technological and social challenges with its traditions of self discipline, hard work, all round personality development and a creative approach to problems.
- Maintaining accountability towards our profession through the process of self evaluation and continuous improvement.

Programme Educational Objectives (PEOs)

1. To provide students with a sound foundation in the mathematical, scientific and engineering fundamentals necessary to formulate, solve and analyze engineering problems and to prepare them for graduate studies.
2. To develop the ability among students to synthesize data and technical concepts to solve problems relevant to the general practice of chemical engineering and engineering design.
3. Students will develop professional skills that prepare them for immediate employmentin industries and other organizations.
4. Students will learn to communicate their ideas to be effective in collaboration with other members of engineering teams.
5. To promote student awareness of the life-long learning and to introduce them to professional ethics and codes of professional practice.

Expected Programme Outcomes (POs):- The programme outcomes are as follows:

a) The graduates are expected to have ability to apply knowledge of mathematics, science and engineering.
b) Graduates are expected to identify, formulate and solve Chemical engineering problems.
c) The graduates are expected to have ability to design and conduct experiments, as well as to analyze and interpret data.
d) The graduates are expected to have ability to design a system, a component, or a process that meets desired specifications and requirements.
e) The graduates are expected to possess ability to function on multi-disciplinary teams.
f) The graduates are expected to have understanding of professional and ethical responsibility.
g) The graduates are expected to engage themselves in life-long learning.
h) The graduates are expected to have knowledge of contemporary issues.
i) The graduates are expected to possess ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
j) The graduates are expected to have the broad education necessary to understand the impact of engineering solutions in a global, economic and societal context.
k) The graduates are expected to deliver engineering fundamentals in effective and innovative ways.
(l) Graduates are expected to handle research projects for the development of engineering and technology.

Since its establishment in 1996, the department of Chemical Engineering has emerged as one of leading department in the college and first amongst chemical engineering in Punjab Technical University Jalandhar. Our flagship in bachelor of technology programme is recognized among the best programme in Punjab and an excellent infrastructure of teaching, research and outreach.

The Department offers U.G. programmeleading to B.Tech. (Chemical Engineering). The Department of Chemical Engineering has the core competency mainly in three areas representing Energy, Environment Engineering and Petroleum Engineering. The department aims to create and ambiance for smooth pursuit of activities in education and research towards creating national impact in the chemical related areas and endeavors to produce leaders of tomorrow in this field. The department now boasts of over 10 faculty members consisting of 06 core faculty members and 04 associated faculty members drawn from diverse departments of the Institute.

FACULTY PROFILE
Chemical Engg   Biotechnology

Name	Designation	Qualification	Mobile No.	Area of Specialization
Sh. P.K. Yadav	Associate Professor	M.Tech. (Pursuing Ph.D.)	9417073495	Chemical Engineering HOD
Sh. Baljeev Kumar	Associate Professor	M.Tech. (Pursuing Ph.D.)	9417198711	Chemical Engineering
Dr. Vipan Kumar	Associate Professor	Ph.D	9888220918	Chemical Engineering
Dr. Seema	Assistant Professor	Ph.D	7814855674	Chemical Engineering
Dr. Rajesh K. Sharma	Assistant Professor	Ph.D.	9872178653	Chemical Engineering
Sh. Kanchan Kumar	Assistant Professor	M.Tech. (Pursuing Ph.D.)	8437377977	Chemical Engineering
Ms. Manila Kashyap	Assistant Professor	M.Tech.	9914926585	Biotechnology
Sh. IndeshAttri	Assistant Professor	M.Tech.	9988542281	Biotechnology
Smt. Aanchal (On Leave)	Assistant Professor	M.Tech.	9417997247	Biotechnology
Sh. Akshay Mahajan	Assistant Professor	M.Tech.	6280981262	Biotechnology
Smt. Arvinder Kaur	Assistant Professor	M.Tech. (Pursuing Ph.D.)	9888747640	Biotechnology

LABORATORIES
Fluid Flow Lab
Heat Transfer Lab
Mass Transfer Lab
Process Control Lab
Mechanical Operation Lab
Environment Engineering Lab
Chemical Reaction Engineering Lab
Chemical Process Technology Lab
Software Lab of Chemical Engineering

MAJOR FACILITIES IN THE DEPARTMENT
Spectrophotometer, High volume sampler
Venturi Scrubber
PLC Trainer
Computational facility/LAN
Evaporator, Heat Exchanger
Lovibond comparator 2000+
Sensodirect pH 110
Absorber
Batch/Continuous mixed / plug flow Reactor
RTD Study Apparatus
Turbidity meter , Heat flow Index apparatus
Distillation column
Crystallizer
Chem-Cad Software
ComsolMultiphysics
Matrix laboratory

Vision of the Department

We all faculty, staff and students of Computer Science and Engineering Department of BCET believe in a bright tomorrow, filled with a zest for innovation and celebrating life in its full glory, empowered by technical expertise, knowhow, skill and humaneness.

Mission of the Department

- Development of human resources in the field of computer science and engineering to serve the cause of nation.
- Creation of a sustained learning environment for acquiring technical knowledge and professional application of the same in the domain of computer science and engineering.
- Inculcating amongst our students a deep understanding of the fundamental principles, concepts and practice in computer science and engineering.
- Creating conducive environment for innovation to translate theoretical knowledge into practical applications.
- Preparing budding computer engineers to meet the ever increasing technological and social challenges with its traditions of self discipline, hard work, all round personality development and a creative approach to problems.
- Maintaining accountability towards our profession through the process of self evaluation and continuous improvement

Programme Education Objectives (PEOs)

1. To build solid foundation in the field of general engineering among students to inculcate ability to formulate, solve and analyze engineering problems.
2. To develop creative and innovative skills among students and prepare them to be capable of designing and developing real-world computing applications with high societal influence and impact.
3. To prepare students for successful careers in national and multinational companies engaged in the fields of Software/Hardware/Database etc. By developing the ability among them to understand and synthesize data/information and related technical concepts.
4. To prepare students capable to work as part of teams on multidisciplinary projects involving professional ethics and codes of professional practice.
5. To nurture strong understanding in logical, mathematical and analytical reasoning among students coupled with problem solving attitude that prepares them to productively engage in research and higher learning.
6. To instil communication and management skill that generates entrepreneurship and / or leadership qualities.

    Programme Outcomes (POs)

    a. Graduates will be able to use the basic knowledge of mathematics and science in engineering and technological applications.
    b. Graduates will be able to identify, formulate and solve computer engineering problems.
    c. Graduates will be able to design and conduct experiments, interpret and analyze data, and report results.
    d. Graduates will be able to conceptualize and design the computer systems or processes that meet desired specifications and requirements.
    e. Graduates will be able to function/participate as a member of the teams engaged in Engineering/Technology laboratories, as well as in multidisciplinary design teams in latest technologies.
    f. Graduates will have ability to serve the society with professional ethics.
    g. Graduates will be capable of self learning and development.
    h. Graduates will have an understanding of the impact of engineering on society and demonstrate awareness of contemporary issues.
    i. Graduates will be able to use modern engineering software tools and equipments to solve computer engineering problems.
    j. Graduate will have the confidence to optimize available engineering resources.
    k. Graduates will be able to deliver the engineering fundamentals in effective and innovative ways.
    l. Graduates will be able to handle research projects for the development of engineering and technology.

The department of Computer Science Engineering is renowned for imparting professional education endowed with human values. The department offers UG programme leading to Bachelor of Technology degree in Computer Science Engineering. The CSE department came into existence in the year 1995 with initial intake of 40 students. Now the intake of students is 120. The department laboratories are fully equipped with state-of-the-art equipment to provide exposure to students about the latest technologies and provide hands-on working experience to meet the ever increasing demands for software and hardware profession. The department is having highly qualified faculty and staff members. The department has adequate facilities to support modern teaching activities. Proper up gradation of teaching and lab facilities are taken care of. The students of department actively participate in various regional and nationalcompetitions and have won many prizes.

LABS INFRASTRUCTURE :

The department has 6 software labs and 1 hardware lab. All the labs are equipped with latest computer systems, softwares and tools.

HARDWARE

DELL/HP Computer Systems with latest configuration

latest HP Laptop and Servers

HP laser Printers, Colour Printer and scanners

LCD Projectors

PC hardware trainer and LAN trainer Under TEQIP-II

All computer systems have the Internet facility and uninterrupted power supply (UPS) along with generator facility.

All labs are fully air-conditioned.SOFTWARES AND LATEST TOOLS

IBM Rational Rose	SoftekCOBOL
Microsoft Visual Studio	Windows Server
Adobe Acrobat Reader Writer	Turbo C++ suite
MacAfee Antivirus	Windows/Linux based Operating Systems
MSDN academic alliance	Weka
MATLAB	

AUDIO VISUAL FACILITIES

03 LCD Projector

R D ACTIVITIES/CONSULTANCY :

The faculty members of the department have been provided with computer systems along with internet connection, which is helpful and support their research activities. Faculty members are actively involved in RD work, attending and organizing conferences/Short term courses etc. Many research papers have been written by the faculty in internationally reputed journals and conferences. Recently Dr. Rajeev Bedi got grant of Rs 93000/- from AICTE for one week FDP. He alongwith two CSE students got grant of Rs 3 Lacs from District Administration for development of S/W Civil Registration Punjab" for District Health System. Dr. Rajeev Bedi attended International Conference held at University of Frieberg, Germany from 3 to 6 Dec 2018.

DEPARTMENT LIBRARY :

The department library is fully equipped with almost all text books and reference books of computer science Engineering. It also has project reports and thesis completed by the students of CSE.

STUDENT COUNSELORS

S. No	Name	Batch
1.	Mr. Jarnail Singh and Mrs. Rubinder Kaur	2017
2.	Ms. Amarjeet Kaur and Ms. Gurjeet Kaur	2018
3.	Mr. Sukhwinderbir and Mr. Lalit	2019
4.	Ms. Sandeep Kaur and Ms. Prabhleen Kaur	2020

FACULTY PROFILE

Name	Designation	Qualification	Specialization	Mobile No.
Mr. Ajay Kumar Dogra	Associate Professor Head	M.S (Pursuing PhD)	Software Systems	9914318148
Dr. R. C. Gangwar	Professor	PhD	Network Security	9877689893
Dr. S. K. Gupta	Professor	PhD	Distributed Systems	7837122801
Mr. Arpinder Singh	Associate Professor	M.E. (Pursuing PhD)	Network Security	9646020532
Mr. Sanjeev Mahajan	Associate Professor	M.E. (Pursuing PhD)	Computer Networks	9878053388
Mr. Sukhbir Singh	Associate Professor	M. Tech (Pursuing PhD)	Cloud Computing	9888501582
Mr. Sukhwinderbir	Associate Professor	M.E(Pursuing PhD)	Digital Image processing	8968888944
Dr.. Rajeev Bedi	Associate Professor	PhD	Cloud Computing	7696168094
Ms. Sandeep Kaur	Assistant Professor	M. Tech	Software Engineering	9501356042
Mr. Jarnail Singh	Assistant Professor	M.Tech	Software Engineering	9915840433
Ms. Gurjeet Kaur	Assistant Professor	M.Tech	Network Security	9915508022
Ms. Amarjit Kaur	Assistant Professor	M. Tech	DDOS	7814545510
Ms. Geetanjali Sharma	Assistant Professor	M. Tech	Networking	9501708209
Ms. Prabhleen Kaur	Assistant Professor	M. Tech (Pursuing PhD)	Networking	9780253899
Mr. Lalit	Assistant Professor	M. Tech	Programming	9041680435
Ms. Rubinderjit Kaur	Assistant Professor	M.Tech (Pursuing PhD)	Networking	8427352244

Programme Educational Objectives (PEOs)

1. To prepare students for successful careers in Indian and multinational industries/companies engaged in Communication, VLSI, Embedded system and the related fields.
2. To develop the ability among students to understand and synthesize data./information and technical concepts for application to product/system/process design.
3. To prepare students to be able to work as part of teams on multi disciplinary projects involving professional ethics and codes of professional practice.
4. To develop the ability among the students for taking research/teaching assignments.

The Department of Electronics Communication Engineering since its inception in 1997, has emerged as one of the major Departments of the college. The department offers four year under graduate course leading to B.Tech. in Electronics Communication Engineering with an intake of 120. The department has highly qualified faculty and state of the art infrastructure facilities which are regularly updated. The all-round development and competency of the students is ensured by the balanced exposure to classroom teaching supported with Lab work in the Labs. The emphasis of the entire programme is to enable the students to take up more challenging assignments in their organizations on completion of these courses.

Accreditation : The Electronics Communication Engineering Department has got accreditation for two years from National Board of Accreditation (NBA), New Delhi. Earlier also the department was accredited in 2009 for three years.

Vision :- We all staff faculty of Beant College of Engineering and Technology believe in a bright tomorrow filled with a colorful zest and celebrating life in its full glory. We live in an ever expanding world and love to participate in its growth, with our all technical expertise, knowhow and humaneness.

Mission :-

Development of human resources in the field of Electronics and Communication Engineering to serve the cause of nation.

Creation of a sustained learning environment of acquiring technical knowledge and professional application of the same in the domain of Electronics and Communication Engineering.

Inculcating amongst our students a deep understanding of the fundamental principles, concepts and practice in Electronics and Communication Engineering.

Creating conducive environment for innovation to translate theoretical knowledge to practical applications.

Preparing budding Electronics engineers to meet the ever increasing technological and social challenges with its traditions of self discipline, hard work, all round personality development and a creative approach to problems.

Maintaining accountability towards our profession through the process of self evaluation and continuous improvement.

1. **Thrust Areas for Research**

   Design Analysis of EM Devices: The goal of this thrust is to analyze EM field behavior to optimize the various parameters of the devices like transformers, electrical machines and antennas.

   Signal Processing :- The goal of this thrust is to develop/test signal processing techniques to improve the efficiency and the performance of wireless systems, including communications. Although this is a diverse area, we will focus in particular on interference mitigation, spectrum sensing, modulation classification and error correction coding.

   Optical Communication: The aim will be to study the performance of passive optical networks (PONs) and optical communication systems in the presence of fiber non-linearities and optical CDMA systems.

   Digital system Design : The thrust area is aimed for implementation of algorithms and applications, software and hardware realization and the FPGA implementation that may further lead to the development of application prototypes.

2. **R D Activities/Consultancy :-**

   The faculty members of the department have contributed more than 150 research papers in the conferences and the Journals of National and International repute. The department has organized two Short Term Training Programmes in the field of optical fiber technology. Most of the faculty members are Ph.D. and are involved in the research work. All the faculty members of the department have been provided computers printers along with 24 hour connectivity to internet to explore their research activities in the areas of their domain.

Laboratories:

All the labs are fully equipped as per the study scheme and the department computer lab is equipped with latest required software's. Department labs have equipments even beyond the course curriculum. Major existing labs in the department are:

Basic Electrical Engineering/Electrical Machines Lab.	Electronics Devices and Circuits Lab.
Analog Electronics Lab.	Digital Electronics Lab.
Electronic Measurements and Instrumentation Lab.	Signal Systems Lab.
Analog Communications Lab.	Digital Communications Lab.
Linear Integrated Circuits Lab.	Digital Signal Processing Lab.
Microprocessor and Micro Controller Lab.	Microwave Lab.
PCB Lab.	Computer Lab.
Embedded Systems Lab.	Wireless Optical Systems Networks Lab.

Major Softwares Available in the Department:

MATLAB 7 and 7.4, OptSIM, Xilinx ISE 14.5 (Design Suite), MAXPLUS-II (Altera), OPTISYSTEM, MENTOR DSP, MENTOR Graphics HEP Cat-2.

Compuer Lab Facilities

Computers HP(Latest Configuration)	(50)	Laser Printers	(07)
Scanner	(07)		

Audio Visual Facilities

LCD Projector	(04)	OHP Projector	(01)

Sponsored Projects

Modernization of Communication Lab, under MODROB scheme of AICTE, New Delhi.

Future Directions: Department will be aiming to encourage following activities :

- Upgradation of academic programmes through regular revision evaluation of the course curriculum in synchronization with current needs of the industry and developing the laboratories equipped with modern and advanced technologies.
- Starting the M.Tech. (Regular). Promoting research activities in frontier areas like wireless communication, Signal Processing, Optical Communication, Wireless Sensor networks and related areas.

PROGRAMME OUTCOMES (POs)

S. No.	Programme Outcomes
A	Graduates will be able to use the basic knowledge of mathematics and science in engineering and technological applications.
B	Graduates will be able to identify, formulate and solve Electronics and Communication Engineering problems.
C	Graduates will be able to design and conduct experiments, interpret and analyze data, and report results.
D	Graduates will be able to conceptualize and design the Electronics and Communication Engineering systems or processes that meet desired specifications and requirements.
E	Graduates will be able to function/participate as a member of the teams engaged in Engineering/Technology laboratories, as well as in multidisciplinary design teams in latest technologies.
F	Graduates will have ability to serve the society with professional ethics.
G	Graduates will be capable of self learning and development.
H	Graduates will have an understanding of the impact of engineering on society and demonstrate awareness of contemporary issues.
I	Graduates will be able to use modern engineering software tools and equipments to solve Electronics Communication Engineering problems.
J	Graduate will have the confidence to optimize available engineering resources.
K	Graduates will be able to deliver the engineering fundamentals in effective and innovative ways.
L	Graduates will be able to handle research projects for the development of engineering and technology.

Faculty Profile

S.No.	Name	Designation	Qualification	Area of Specialization
1.	Dr. Jaswinder Singh	Professor and H.O.D	Ph.D.	Optical Communication, Optical CDMA
2.	Dr. Ajay Kumar	Professor	Ph.D.	DSP, Electromagnetic analysis design
3.	Dr. Amarpal Singh	Professor	Ph.D.	Optical Communication
4.	Dr. Gurpadam Singh	Associate Professor	Ph.D.	Microprocessor Microcontroller, Digital System Design
5.	Sh. Parveen Kumar	Associate Professor	M.E., (Pursuing Ph.D.) Engineering	Electronics Communication
6.	Mrs. Neetu	Associate Professor	M.Tech.	Electronics Communication Engineering
7.	Mrs. Mandeep Kaur	Associate Professor	M.E	Electronics Communication Engineering
8.	Mrs. Anita Suman	Associate Professor	M.E. , (Pursuing Ph.D.)	Electronics Instrumentation Engineering
9.	Sh. Amandeep	Assistant Professor (Pursuing Ph.D.)	M.Tech. , Engineering	Electronics Communication
10.	Sh. Harpreet Singh	Assistant Professor (Pursuing Ph.D.)	M.Tech. , Engineering	Electronics Communication
12.	Sh. Saurabh Mahajan	Assistant Professor (Pursuing Ph.D.)	M.Tech. , Engineering	Electronics Communication
13.	Mrs. Jaspreet Kaur	Assistant Professor	M.Tech. Engineering	Electronics Communication

Students Advisors

S.No	Name	Batch
1.	Mrs. Jaspreet Kaur	2016
2.	Mrs. Mandeep Kaur	2017
3.	Mrs. Neetu	2018
4.	Mrs.Anita Suman	2019

..

DEPARTMENT OF INFORMATION TECHNOLOGY

Vision of the Department

The Department of Information Technology believes in a bright tomorrow empowered by technical expertise in Information Technology, Innovation and humaneness, to fulfill global aspirations and celebrate life in its full glory.

Mission of the Department

The mission of the Information Technology Department is to offer high quality support for our stakeholders to generate competent professional to become part of the industry and research organizations at the national and international levels.

To instruct innovative and futuristic technical education for producing well-rounded IT Professionals that are capable of analyzing organizational situations, design, formulate, evaluate and develop technological solutions.

Our mission is to provide a high quality education and consultancy support for the development of the nation in general and region in particular by generating competent IT professionals.

Programme Educational Objectives

I. To strengthen the students with a solid technical foundation in information Technology which enable them to use their expertise in solving engineering problems.

II. To produce graduates with an ability to engage professionally and contribute effectively in their organization through their leadership and teamwork.

III. To inculcate a quality in students to adapt and learn the continuous changing technology and attain remarkable achievements in their research work and profession through lifelong learning.

IV. To produce graduates with high social and ethical standards who will participate in nation building.

List of the Program Outcomes

a. Apply knowledge of mathematics and engineering sciences to solve the engineering problems in Information Technology.

b. Develop effective design to conduct experiments.

c. Analyze and interpret data.

d. Develop component or process to meet the software/hardware design requirement.

e. Use principles of sustainable design and development in IT solutions.

f. Work efficiently as an individual in a group.

g. Identify, formulate and provide creative/innovative/effective solution to a problem.

h. Communicate effectively with engineers, other professionals and community at large.

i. Recognize the need for and able to engage in lifelong learning.

j. Discuss relevant contemporary issues.

k. Use necessary skills, techniques and modern engineering tools for engineering practice.

l. Solve problems with advance design and development in the field of Information Technology.

Information Technology graduates are the pillars in the current and emerging information era. Opportunities include pursuing Undergraduate program in college and taking up research assignments in Hardware, Software Design, Cloud Computing, Multimedia, and Networking and Communications areas.

Job opportunities are ever increasing, and are varied in nature. System Study, Analysis, Design and Programming are the inherent phases in application development, and each one of them provides enormous potential to the Information Technology graduates for shaping themselves in their career. Hi-end profiles include Artificial Intelligence, Robotics, Graphic Solutions and Simulations.

Motto

"Enabling the undergraduates to develop logic and a problem solving approach and help build their careers in the innovative field of Information Technology."

Courses run by the Department:

Bachelor of Technology in Information Technology, B.Tech(IT)

Bachelor of Technology in Information Technology, B.Tech(IT) is a professional undergraduate academic degreeawarded to candidates after completion of four years of study and is offered by Department of information Technology since 2001.B.Tech (IT) is the field of study, devise, development, execution, support and running of computer-based information systems. Information Technology is an engineering division that covers both software and hardware sectors. It helps to generate, understand, store, communicate, and manage the flow information securely.

Bachelor in Computer Application (BCA)

Bachelor in Computer Application (BCA) is an undergraduate degree course in computer applications started by Department of Information Technology in 2019. With the rapid growth of IT industry in India, the demand of computer professional is increasing day by day. This increasing growth of IT industry has created many opportunities for the BCA graduates.

Bachelor in Computer Application (BCA) is one of the popular courses among the students who want to make their career in the IT (Information Technology) field. The duration of the course is 3 years and divided into 6 semesters. It comprises of the subjects like database, networking, data structure, core programming languages like 'C' and 'java'. This course provides many opportunities to the students who are interested in computer field and wants to work in the IT sector as programmer or software developer.

Information Technology graduates are the pillars in the current and emerging information era. Opportunities include pursuing Undergraduate program in college and taking up research assignments in Hardware, Software Design, Cloud Computing, Multimedia, and Networking and Communications areas.

Job opportunities are ever increasing, and are varied in nature. System Study, Analysis, Design and Programming are the inherent phases in application development, and each one of them provides enormous potential to the Information Technology graduates for shaping themselves in their career. Hi-end profiles include Artificial Intelligence, Robotics, Graphic Solutions and Simulations.

Faculty Profile

Name	Designation	Qualification	Area of Specialization
Sh. Gureshpal Singh	Associate Professor HOD	M.Tech (Pursuing Ph.D)	Advance Programming Lang.
Sh. Anil Sagar	Assistant Professor	M.Tech	Mobile Adhoc Network
Sh. MohitMarwaha	Assistant Professor	M.Tech	Cloud Computing
Sh. Baljinder Singh	Assistant Professor	M.Tech	Computer Architecture
Sh. Gurpreet Singh	Assistant Professor	M.Tech	Artificial Intelligence
Sh. Amit Verma	Assistant Professor	M.Tech	Distributed Database
Mrs.Ritika	Assistant Professor	M.Tech	(Pursuing Ph.D) Data Mining

Labs

The department includes four laboratories, an Internet gateway, a Server Room, and a facility for scanning and printing spread across an area of 2,400 Sq.ft. The laboratories houses latest computer systems, connected to the campus-wide Local Area Network, Wi-Fi facility is available to students. The laboratories are equipped with various software such as C, C++, SQL Server, Visual Studio, Java and Case Tools.

Besides these labs, the students are also trained in Microprocessor Lab, Digital Circuit Systems Lab and the Networking Lab.

Student Activities

Expert lectures are organized for students through which industry professionals mentor the students on various technologies to upgrade their knowledge. This provide an edge to the skill set of students that attracts placement opportunities for them.

Our student team emerged as winners of the Manipal Centre in the 'Smart India Hackathon-2017". The team also won a cash prize of Rupees one lakh.

Besides, our students also excel and obtain positions in various other fields such as sports, technical and cultural activities.

Department runs a technical society ITSC for students to indulge them in technical activities and various events and lectures are organized under it.

Career Opportunities

The information technology industry employs nearly 6 million individuals across a range of industries, from technology to healthcare, finance and education. As an occupational field, information technology is projected to be one of the fastest growing in the nation, collectively producing 18 percent additional job openings nationally between 2012 and 2022. The information age has ushered in advances in computer and communication technology, advances that have sparked what has been termed the "information revolution." At the heart of this revolution is the exponential demand for access to, management of, and transformation of information. Information technology drives the dynamic information infrastructure that has become integrated on a global scale socially, culturally, and economically. Databases. Apps. Computer software. Websites. Mobile data. Servers. Voice networks. Each part of the larger, interconnected informational ecosystem.

Careers in information technology deal with the design, creation, management and maintenance of the varied components of the system, including software, hardware, networks, systems integration and multimedia. Broadly, information technology can be divided into four central pathways: network systems, information support and services, programming and software development, and Web and digital communication. Down each career avenue exist myriad occupational opportunities, ranging from database administrator to computer systems engineer, digital media specialist to systems analyst.

DEPARTMENT OF MECHANICAL ENGINEERING

Vision of the Department

The Department of Mechanical Engineering believes in a bright tomorrow empowered by technical expertise, innovation and humaneness, to fulfill global aspirations and celebrate life in its full glory.

Mission of the Department

Development of human resources in the field of mechanical engineering to serve the national and international cause.

Creation of a sustained learning environment for acquiring technical knowledge and its professional applications.

Inculcating amongst our students a deep understanding of the fundamental principles, technical concepts and practice to make them globally competitive.

Creating conducive environment for innovation to translate theoretical knowledge into practical applications to meet technical and social challenges.

Maintaining accountability towards the profession through the process of self evaluation and continuous improvement.

Programme Educational Objectives

1. To prepare students for successful career in national and international organizations engaged in mechanical allied engineering systems giving due consideration to cultural, social and nvironmental issues.

2. To develop the ability amongst students to understand and synthesize data/information and communicate technical concepts effectively.

3. To prepare students to lead/work as a part of team on multidisciplinary projects using latest engineering tools with professional ethics.

4. To develop the ability of life log learning amongst the graduates through research and self learning.

Programme Outcomes (POs)

The graduates of Mechanical Engineering will be able to:

PO 1: Engineering knowledge: Apply knowledge of mathematics, science and engineering fundamentals and Engineering specialization to the solution of complex Engineering problems.

PO 2: Problem Analysis: Identify, formulate, research literature and analyze complex Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

PO 3: Design/ Development of Solutions: Design solutions for complex Engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.

PO 4: Conduct investigations of complex Engineering problems: Use research-based knowledge and research methods including analysis, interpretation of data and synthesis of information to provide valid conclusions.

PO 5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6: The Engineer and Society: Apply contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.

PO 7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

PO 9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary settings.

PO 10: Communication Communicate effectively on complex Engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.

PO 11: Project Management and Finance: Demonstrate knowledge and understanding of Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12: Life Long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Outcomes (PSOs)

(B.Tech. Mechanical Engineering)

After the successful completion of B.Tech. programme in Mechanical Engineering, the graduate will be able to:

PSO-1: Apply the concepts of computer aided engineering tools, thermal engineering and manufacturing

technologies for design, development, and analysis of mechanical engineering systems.

PSO-2: Be employable in thermal, manufacturing, design, production industries; academic institutes, research and development organizations at local, regional, national and international level.

PSO-3: Absorb, analyze, demonstrate and maintain latest developments in mechanical engineering and allied fields.

Programme Specific Outcomes (PSOs)

(M.Tech. Thermal Engineering)

After the successful completion of M.Tech. programme in Mechanical Engineering, the graduate will be able to:

PSO-1: Ability to apply the concepts of computer aided engineering tools and thermal engineering for design, development, and analysis of thermal engineering systems.

PSO-2: Be employable in thermal industries; academic institutes, research and development organizations at local, regional, national and international level.

PSO-3: Develop the knowledge and skills relevant to Heating and Ventilation and Air-Conditioning industries.

Department of Mechanical Engineering has been emerged as one of the major engineering department of the college. The department offers four years course at undergraduate level leading to the award of B.Tech. degree in the discipline of Mechanical Engineering. The department started M.Tech. programme in Thermal Engineering in the year 2007. M.Tech..The curriculum for these courses has been designed keeping in view the demand of the industries. In addition to the classroom instructions, emphasis is also laid on the professional practice by making practical job training and major project as an integral part of the curriculum. The major strength of the department is highly qualified/experienced faculty and rich laboratory infrastructure. The faculty is involved in the research activities and more than 300 research papers have been published in the reputed international/national journals and conferences.

MAJOR LABORATORIES:

Engineering Computer Graphics Laboratory
Engineering Materials and Metallurgy Laboratory
Strength of Materials Laboratory
Applied Thermodynamics Laboratory
Fluid Mechanics Laboratory
Theory of Machines Laboratory
Manufacturing Processes Laboratory
Mechanical Measurement and Metrology Laboratory
Fluid Machinery Laboratory
Computer Aided Design and Manufacturing Laboratory
Industrial Automation and Robotics Laboratory
Automobile Engineering Laboratory
Heat Transfer Laboratory
Refrigeration and Air Conditioning Laboratory
Mechanical Vibration Laboratory
Computer Laboratory (M.Tech.)
Solar Energy Research Laboratory
Machining Science Research Laboratory

MAJOR FACILITIES IN THE DEPARTMENT:

Muffle Furnace
Polishing Machine
Optical Microscope with Image Analyzer
Jominy End Quenching Apparatus
Hardness Tester Machine
Universal Testing Machine
Simple Tensile Testing Machine
Impact Testing Machine
Torsion Testing Machine
Rockwell Hardness Tester
Fatigue Testing Machine
Four Cylinder Four Stroke Petrol Engine Test Rig
Single Cylinder Four Stroke Diesel Engine Test Rig
Thermal Power Plant
Single Acting Double Stage Air Compressor
Apparatus For Verification Of Bernouli's Theorem
Metacentric Height Apparatus
Hydraulic Bench and Accessories

Apparatus of Universal Governor
Apparatus of Motorized Gyroscope
Apparatus of Journal Bearing
Profile Projector
Tool Makers Microscope
Surface Roughness Tester
Digital Micrometer
Micro Hardness Tester
Universal Vibration Apparatus
Centrifugal Pump Test Rig
Multistage Centrifugal Pump Test Rig
Self Priming Pump Test Rig
Pelton Wheel Turbine
Francis Turbine Test Rig
Kaplan Turbine Test Rig
Reciprocating Pump Test Rig
Hydraulic Ram
FMS (Flexible Manufacturing System)
Hydraulic and Pneumatic Actuators
PLC Trainer
Pin Fin Apparatus
Refrigeration Test Rig
Water Cooler Test Rig
Air Conditioning Test Rig.
Electrolux Refrigerator
Test Rig for Performance Analysis of Single Pass Solar Air Heater
Test Rig for Performance Analysis of Double Pass Solar Air Heater
Test Rig for Performance Analysis of Packed Bed Energy Storage System
Solar Water Heating Trainer
Solar photovoltaic Trainer
ZNC EDM (Electric Discharge Machine)
Programmable Sintering Furnace
Boring Machine
Honing Machine
Non-Contact Type In-Line Pyrometer
Lathe Dynamometer

MAJOR SOFTWARES:

S. No.	NAME OF THE SOFTWARE	Number of Users
1	Pro-e wildfire 3.0	25 user
2	Solid works 2013-2014 with NCG CAM	25 user
3	Ansys 14.5	25 user
4	Catia 6.0	20 user
5	Abaqus software	01 user
6	Hydraulic Simulator	20 user
7	Pneumatic Simulator	20 user
8	Touch Enabled modeling arm	01 user
9	Auto Desk Educational version	25 user

COMPUTER LAB:

The department has well equipped air conditioned computer lab with Internet connectivity, Networking, Multimedia projectors etc.

DEPARTMENT LIBRARY:

The department library is a good source for referring M.Tech. Thesis, major project reports, journals, books, magazines, souvenirs etc.

FUNDED PROJECTS:

Department of Mechanical Engineering has successfully completed many AICTE sponsored projects under the MODROBS amp; RPS Scheme for strengthening of the laboratories and research. The department is also providing consultancy services to nearby industries and institutions. The details of various projects which have been undertaken by the department are given below:

AICTE/ RPS grant of 18.5 lacs to Dr. Harish Pungotra Principal investigator on project "Development of enegting technologies for interactive design in virtual reality encoutment" sanctional 2011-12

50KW Solar Power Plant Funded by MNRE, Govt of India through PEDA Chandigarh (Total Cost Rs. 62.9 Lac including 10% college share) has been Installed in the department under the supervision of Dr. Ranjit Singh.

AICTE / RPS grant for Rs. 12 Lacs to Dr. R. K. Awasthi, Principal Investigator on the project, "Study of Hydrodynamic Worn Journal Bearing System under Static and Dynamic Loading." The grant was sanctioned in the year 2008-2009.

AICTE / RPS grant for Rs. 10 Lacs to Sh. Anil Kumar, Principal Coordinator on the project "Experimental Investigation on Electric Discharge Machining of Difficult to Machine Materials for Sur face Quality Improvement." The grant was sanctioned in the year 2008.

AICTE/ MODROBS grant for Rs. 10 Lacs to Automation Laboratory. The grant has been recently sanctioned in the year 2008.

AICTE / MODROBS grant for Rs. 10 Lacs to Metullurgy Laboratory for the purchase of Direct Reading Emission Photospectrometer. The equipment has been currently setup in the Laboratory.

AICTE / MODROBS grant for Rs. 10 Lacs to CAD/CAM Laboratory for the purchase of advanced softwares. A PRO/E Software has been purchased and installed for 5 users.

AICTE / MODROBS grant for Rs. 6.5 Lacs to Thermal Engineering Laboratory for the purchase of Exhaust Emission Control. The equipment has been currently setup in the Laboratory.

MODROB PROJECTS :-

"Modernization of CAD/CAM Automation Lab" for Rs. 10 Lac sponsored by AICTE under MODROB vide file no. 9-3/RIFD/MODROB/POLICY- 1/2017-18 dated 04Jan2019.

"Upgradation of Robotic Automation Lab" for Rs. 9 Lacs sponsored by AICTE under MODROB vide File. No. 8023/RID.BOR./MOD-310/2007-8 dated June 20, 2008 (Completed).

"Up gradation of Metallurgy Lab" for Rs. 10 Lacs sponsored by AICTE under MODROB vide file. No. 8023/RID/BOR/MOD-94/2005-06 dated February 17, 2006 (completed).

"Modernization of CAD/CAM Automation Lab" for Rs. 10 Lacs Sponsored by AICTE under MODROB videFile.No. 8023/RID/BOR/MOD-95/2005-06 dated February 17, 2006. (completed).

Automobile Exhaust Emission and Control Lab for Rs. 6.5 lac was established under AICTE sponsored MODROB project.

FACULTY PROFILE
DEPARTMENT OF MECHANICAL ENGINEERING

Name	Qualification	Designation	Specialization	Mobile No.
Dr. Om Pal Singh	Ph.D. (NIT Allahabad)	Professor	Supply Chain Management	98554-72059
Dr. R.K. Awasthi	Ph.D. (IIT Roorkee)	Professor	Design and Tribology	98149-12218
Dr. Dilbag Singh	Ph.D.(IIT Delhi)	Professor	Manufacturing Engineering	88724-58883
Dr. Ranjit Singh	Ph.D. (IIT Roorkee)	Professor	Solar Energy, Heat Transfer	88724-57733
Dr. Harish Pungotra	Ph.D.(Univ. of Western Ontario)	Professor	CAD/CAM	88727-33343
Dr. Anil Kumar	Ph.D.(GGSITU New Delhi)	Associate Professor	Non Conventional Machining	94172-86270
Dr. Jagdev Singh	Ph.D. (PTU Jalandhar)	Professor & Head	Refrigeration and Air Conditioning	88720-53020
Dr. NaveenBeri	Ph.D.(GGSITU New Delhi)	Associate Professor	Non Conventional Machining	94171-49275
Dr. Nirmal Singh Kalsi	Ph.D.(NIT Hamirpur)	Professor	Manufacturing Engineering	88725-00370
Dr. Brij Bhushan	Ph.D.(PTU Jalandhar)	Associate Professor	Solar Thermal Systems	98555-66294
Dr. Sunil Kumar	Ph. D (PTU Jalandhar)	Associate Professor	Manufacturing Engineering	94632-51477
Dr. Sanjeev Kumar	Ph. D (PTU Jalandhar)	Associate Professor	Manufacturing Engineering	94630-48804
Dr. Nripjit	Ph.D.(PTU Jalandhar)	Associate Professor	Composite Materials	94651-82328
Dr. Darshan Kumar	Ph.D.(PTU Jalandhar)	Associate Professor	Supply Chain Management	88721-09031
Dr. Sarabjit Singh	Ph.D. (TU Patiala)	AssociateProfessor	Manufacturing Engineering	98148-88828
Dr. Simranpreet Singh	Ph.D. (PTU Jalandhar)	Associate Professor	Manufacturing Engineering	81959-56633
Dr. PreetKanwal Singh	M.Tech. (PTU Jalandhar) Persuing Ph. D	Assistant Professor	Manufacturing	98723-55737 Engineering
Sh. Jagjit Singh Maan	M.Tech.(PTU Jalandhar)	Assistant Professor	Design and Tribolgy	98884-41260
Sh. Tarun Mahajan	M.Tech.(PTU Jalandhar) Persuing Ph. D	Assistant Professor	Solar Energy, Heat Transfer	75080-03304
Dr. Sandeep Gandotra	Ph.D (PTU Jalandhar)	Assistant Professor	CAD/CAM	98726-22178
Sh. Arun Nanda	Persuing Ph. D M.Tech. (PTU Jalandhar)	Assistant Professor	Production Engineering	98884-90015
Sh. Surinder Singh Gill	M.Tech. (PU Chandigarh)	Assistant Professor	Mechanical Engineering	
Sh. Rohit Saini	M.Tech. (PTU Jalandhar)	Assistant Professor	Mechanical Engineering	80544-16091

FACULTY INTERACTION WITH OUTSIDE INDIA:

Dr. Naveen Beri chaired Session "Conference of the International Journal of Arts and Sciences" held at University's ETAGE building at Emmy-Noether Strasse 2, Freiburg during 3 to 6 December 2018

Dr. Ranjit Singh attended "International Renewable Energy forum 2011" held at Holiday inn (Hotel), Montreal, Qc, Canada during 12th-16th July 2010.

Dr. Ranjit Singh attended "Fifth International Conference on Environment Science and Technology" held at Hilton Hotel, Houston, Texas, USA during 12th-16th July 2010.

Dr. Anil Kumar attended "20th International Symposium Processing and Fabrication of Advanced Materials (PFAM XX)" held at Hong Kong Polytechnic University, Hong Kong SAR China during 15th-17th December 2011.

Dr. Naveen Beri attended "20th International Symposium Processing and Fabrication of Advanced Materials (PFAM XX)" held at Hong Kong Polytechnic University, Hong Kong SAR China during 15th-17th December 2011.

Dr. Nirmal Singh Kalsi attended "20th International Symposium Processing and Fabrication of Advanced Materials (PFAM XX)" held at Hong Kong Polytechnic University, Hong Kong SAR China during 15th-17th December 2011.

Dr. Dilbag Singh attended "ASME International Mechanical Engineering Congress and Exposition" held at Vancouver, British Columbia, CANADA during 15th-16th August 2011.

Dr. Om Pal Singh attended "International Conference on Industrial Engineering and Operations Management" held at World Academy of Science Engineering and Technology, France Paris during 7th-8th October 2013.

Dr. Brij Bhushan attended "International Conference on Future Energy, Environment and Material (FEEM-2013)" held on Hong Kong, China during 23-25 December 2013.

Dr. Nirmal Singh Kalsi attended "2nd International Conference on Business, Engineering and Applied Sciences (ICBEAS-2013), Toronto, Canada" held at Hotel Monte Carlo, Toronto, Canada during 23-24 November,2014

Dr. Sarabjeet Singh attended "International Conference on Emerging Trends in Engineering and Technology" held at Miami, USA during 10-11 March 2014.

Dr. Sarabjeet Singh attended "ASME Applied Mechanics and Materials Conference (Mcmat 2015)" held at Seattle, USA during 29 June - 1 July 2015.

STUDENT ADVISORS
DEPARTMENT OF MECHANICAL ENGINEERING

Batch	Section	Name of Advisor	Name of Assistant Advisor
2016-17	Section-A	Dr. Simranpreet Singh Associate Professor	Sh. Tirath Singh Senior Technician
	Section-B	Dr.PreetKanwal Singh	Assistant Professor
2017-18	Section-A	Dr.Sanjeev Kumar Associate Professor	Sh. Shiv Singh Technician
	Section-B		
2018-19	Section-A	Dr.Sandeep Gandotra Sh. Paramjit Singh	Assistant Professor Senior Technician
	Section-B		
2019-20	Section-A	Dr.JagjitSinghMaan Assistant Professor	Sh. GagnishPansotra Junior Technician
	Section-B		
2020-21	Section-A	Dr.Simranpreet Singh	Sh. Tirath Singh
	Section-B	Associate Professor	Senior Technician

DEPARTMENT OF AGRICULTURE SCIENCES

Vision:

Striving to enhance the national food security and agriculture policy by providing education through practical and innovative approach

Mission

Development of human resources in the field of agriculture to serve the cause of state. Creation of a sustained learning environment for acquiring technical knowledge and professional application of the same in the domain of agriculture and its allied discipline. Inculcating amongst our students a deep understanding of the fundamental principles, concepts of agriculture and its practice in field. Creating conducive environment for innovation to translate theoretical knowledge into practical applications. Preparing budding agriculturist and agro-businessman to meet the increasing technological and social challenges and creative approach to handle the agriculture problems.

Programme Education Objectives (PEO's)

1. To provide students a platform to learn the statistics , biology and economic fundamentals necessary to formulate and understand agriculture problems and to prepare them for graduate studies.

2. To develop the ability among students to analyze agriculture data and technical concepts to solve problems relevant to the general practice of agriculture sector.

3. Students will develop professional skills that prepare them for immediate employment in industries and other organizations.

4. Students will learn to communicate their ideas to be effective in collaboration with other members of teams.

5. To promote student awareness of the life-long learning and to introduce them to professional ethics and codes of professional practice.

Programme Objectives (PO's)

a) The graduates are expected to have ability to apply knowledge of statistics, economics and agriculture.

b) Graduates are expected to identify, formulate and solve agriculture related problems.

c) The graduates are expected to have ability to design and conduct experiments, as well as to analyze and interpret data.

d) The graduates are expected to have ability to design a agriculture system and process that meets desired specifications and requirements .

e) The graduates are expected to possess ability to function on multi-disciplinary teams.

f) The graduates are expected to have understanding of professional and ethical responsibility.

g) The graduates are expected to engage themselves in life-long learning.

h) The graduates are expected to have knowledge of contemporary issues.

i) The graduates are expected to possess ability to use the techniques, skills, and modern agriculture implements for profitable agriculture engineering sector.

j) The graduates are expected to have the broad education necessary to understand the impact of agriculture sector in a global, economic and societal context.

k) The graduates are expected to deliver fundamentals of agriculture sector in effective and innovative   ways .

Department of Agriculture was established in June 2018 in association with Bio Technology and Faculty of Chemical Engineering. The college started the four year UG programme B.Sc (Honour) Agriculture from the academic year 2018-2019 with intake capacity of 60 students. The curriculum and the syllabi of

graduation are revised from time to time as per the latest directions of I.C.A.R (Indian Council of Agricultural Research), New Delhi and Punjab State Council of Agriculture Education Chandigarh, and the degrees are awarded by I.K Gujral Punjab Technical University, Jalandhar. The objective of this course is to focus on food, health, environment the welfare of farmers. So we encourage to resolve various issues in agriculture and related areas with a strong sense of purpose, and to accomplish their objectives with a rich sense of social responsibility and a wide state outlook.

It is a matter of achievement that the department has set up Soil testing, Microbiology, Biochemistry, Plant Protection and Physiology lab in short span of period for agriculture students. Along with these important labs, we have got success in establishing field for agronomy and horticulture. Another initiative has been started to establish the 'Herbal Garden' by collecting regional medicinal plants. With this move, the department is going to establish Agro-meteorology observatory in the campus. So that students can analyze the field status in real time weather conditions.

Laboratories	**Major Facilities in the department**
Soil Testing lab	PAU moisture gauge
Microbiology	Soil Tensiometer
Agrometeorology	Digital colorimeter
Agronomy (Field)	Electrical Conductivity meter
Horticulture (Fruits/Vegetables)	pH meter
Plant Protection	Campbell sunshine recorder
Biology	Ordinary rain gauge
Communication lab	Cup anemometer
	Soil thermometer
	Thermo hygrograph
	Single microscope
	Compound microscope
	Laminar air flow chamber
	Autoclave

Faculty Profile

Name	Designation	Qualification	Mobile No.	Area of Specialization
Sh. Baljeev Kumar	Associate Professor	M.Tech. (Pursuing Ph.D.)	9417198711	Chemical Engineering
Dr. Bandana Dhiman	Assistant Professor	Ph.D	8626812169	Agroforestry
Mr. Lovepreet Singh	Assistant Professor	M.Sc.	7888748841	Soil Sciences
Mrs. Maninder Preet Kaur	Assistant Professor	M.Sc.	9814402573	Agronomy
Ms. Pushpinder Kaur	Assistant Professor	M.Sc.	8727983976	Horticulture
Mr. Amul Gurpreet Singh	Assistant Professor	M.Sc.	6280714300	Horticulture

Student Advisor

2018 Batch	**2019 Batch**
Mrs. Maninder Preet Kaur	Mr. Lovepreet Singh
Assistant Professor (Agriculture)	Assistant Professor (Agriculture)

Department NSS In charge
Mr. Amul Gurpreet Singh , Assistant Professor

DETERMINE OF FEES STRUCTURE

DETAILS OF FEES STRUCTURE
FOR B. TECH. 1st SEMESTER 2020 BATCH LEET 2019 (3rd Semester Batch 2019)
Session JULY 2020-2021
(Fee Structure Batch 2020-2021)

	B. TECH 1ST SEMESTER 2020 BATCH AND LEET 2020 (3RD SEMSETER BATCH 2019)		M. TECH 1ST SEMESTER 2020 BATCH	
	Hosteller	Day Scholar	Hosteller	Day Scholar
Securities (Refundable)	8000	8000	8000	8000
One time fee	3055	3055	3055	3055
College Fee	34875	34875	34875	34875
Misc. Fund	3850	3585	3850	3585
Amalgamated fee	3625	3625	3625	3625
Hostel related fee	2800	---	3700	---
College Final Exam Fee	1000	1000	1000	1000
University Fee	1150	1150	1150	1150
Grand Total	**58355**	**55290**	**59255**	**55290**

University counseling fee which is to be remitted to university is Rs. 2000/- and is to be paid by the candidate who is being admitted directly.

Fee Waiver Category :				
Tuition Fee	(-) 30000	(-) 30000	---	---
Net Fee for Fee Waiver	28355	25290	---	---

The Institute provides scholarship to eligible students (SC/ST/OBC/Minorities etc.) as per Govt. Norms.

	B. Sc. (Honours) Agriculture		BCA		B. Sc. Non- Medical		M. Sc. (Physics/ Chemistry)	
	Hosteller	Day Scholar	Hosteller	Day Scholar	Hosteller	Day Scholar	Hosteller	Day Scholar
Securities (Refundable)	4000	4000	4000	4000	4000	4000	4000	4000
One time fee	225	225	225	225	225	225	225	225
College Fee	20925	17225	20925	17225	14925	11225	20925	17225
Misc. Fund	----	----	----	----	----	----	----	----
Amalgamated fee	1675	1675	1675	1675	1675	1675	1675	1675
Hostel related fee	350	----	350	----	350	----	350	----
College Final Exam. Fee	1000	1000	1000	1000	1000	1000	1000	1000
University Fee	1150	1150	1150	1150	1150	1150	1150	1150
Grand Total	29325	25275	29325	25275	23325	19275	29325	25275

University counselling the fee which is to be remitted to university is Rs. 2000/- and is to be paid by the candidate who is being admitted directly.

Fee Waiver Category:

Tuition Fee	(-) 15500	(-) 15500	(-) 15500	(-) 15500	(-) 9500	(-) 9500	(-) 15500	(-) 15500
Net Fee for Fee Waiver	13825	9775	13825	9775	13825	9775	13825	9775

The Institute provides scholarship to eligible students (SC/ST/OBC/Minorities etc.) as per Govt. Norms.

DETAILS OF FEES STRUCTURE
FOR DIPLOMA 1st SEMESTER 2020 BATCH Session JULY 2020-2021
(Fee Structure Batch 2020-2021)

Category	Day Scholar	Hostller
General	18150/-	21300/-
SC (Low Income)	1133/-	4283/-
Fee Waiver Category	7150/-	10300/-

**Counseling fee Rs 1000/-Extra as per PSBTE Chandigarh.

REGULATIONS FOR BACHELOR OF TECHNOLOGY COURSES

General

The University shall undertake and supervise the instructions and award of Bachelor and Master Degree in the specific disciplines

1. Duration (UG Course)

The duration of Bachelor of Technology/Engineering, course will be four years, divided into eight semesters. The duration of each semester will be 90 teaching days, according to the following schedule :-

July to Nov.	:	Odd Semester (1, 3, 5, 7)
January to May	:	Even Semester (2, 4, 6, 8)
June to July	:	Summer Workshop / Industrial Training / Tours etc.

2. Eligibility for Admission (for detail visit : www.ptu.ac.in and bcetgsp.ac.in)

The admission to the above courses will be based on merit in an entrance test provided the candidate is otherwise eligible for admission.

2.1   The candidate must have passed 12th Class examination on 10+2 pattern with Physics and   Mathematics as compulsory subjects, along with any of the following subjects:

(i) Chemistry (ii) Bio-technology (iii) Computer Science (iv) Biology.

from the State School Education Board or any other State or Central Board recognized by the Punjab Technical University which is equivalent to 12th class examination of 10+2 pattern.

2.2   The eligibility for admission shall be as per the notification of All India Council for Technical Education (AICTE) from time to time.

2.3   He/ She should bear a good moral character.

2.4   He/ She must be in a good mental and physical health. Each candidate before admission will have to   undergo a medical fitness examination and shall have to produce a medical fitness certificate, as   prescribed by the University.

2.5   A student admitted to B. Tech. / B.E. programme must be on the rolls of an affiliated Engineering College/ Institute to attend the classes regularly as per rules and shall pay such fees to the College/ Institute as decided by the University / College / Institute from time to time.

2.6   Change of discipline from one branch of Engineering to another within the same College will be allowed after completion of 2nd semester and before the start of 3rd semester. It will be strictly according to the rules as framed by the University from time to time.

3. Examinations (for update and detailed information visit : www.ptu.ac.in/www.ptuexam.com)

3.1 General

3.1.1   The end Semester examination shall be held at the end of each semester as per the prescribed scheme of examination for each discipline and date sheet notified by the College.

3.1.2   It will be the responsibility of the candidate to collect all information regarding examination schedule, roll number slip and result etc. from the College/ Institute office. Students will collect the University Roll Number slips at least one day before the commencement of the examination.

3.2 Eligibility (for update and detailed information visit : www.ptu.ac.in/www.ptuexam.com)

3.2.1   In order to be eligible to appear in any semester examination, a candidate must have his Examination form submitted to the Dean (Acad.) through concerned H.O.D along with the following certificates.

(i)   of good character.

(ii)   of having remained on the rolls of the College, and

(iii)   of having attended not less than 75% of the aggregate scheduled periods, in each prescribed course of Theory (Lectures plus Tutorials) and Practical (including Workshop Training, Seminar, Project, Industrial Training etc.);

(iv)   A student shall have to attend 75% of the scheduled lectures for both with Theory Practical, otherwise he/she shall not be allowed to appear in that subject in the University exam. A student detained in the course (s) would be allowed to appear in the subsequent university exams only on having completed the attendance in the subject, when the course is offered as regular course(s), as per the rules.

(v)   The Dean of the University in case of University/constituent college and Principal/Director in case of affiliated institutions may condone attendance shortage upto 10% in the total for reasons to be recorded in writing (owing to serious illness, calamity, participation in any game / sports / competitions with approval of the institution etc.). However, under no circumstances, a student who has an aggregate attendance of less than 65% in a semester shall be allowed to appear in the semester end examination.

(v)   Attendance shall be counted upto seven days prior to the date of commencement of the University theory examinations. Dean of the University/Director/Principal, as the case may be, shall announce the names of all such students who are not found eligible to appear in the semester end examinations at least 7 calendar days prior to start of the semester end examinations and simultaneously intimate the same to the controller of examinations.

(vi)   In case any student appears in the examinations by default, who in fact has been detained by the institute, his/her results shall be treated as null and void.

Examination : Exams are conducted as per UG/PG mannual, recommendations of Board of Examination (BOE) and guide lines approved by academic council from time to time.

(for update and detailed information visit : www.bcetgsp.ac.in)

3.3 Examination Fee

3.3.1   The amount of examination fee to be paid by a candidate and the last date by which his / her examination form and fee must reach , shall be notified by COE - BCET, Gurdaspur.

(i)   Examination forms will be accepted with late fee and Information regarding the same will be notified by COE - BCET, Gurdaspur from time to time.

3.3.2   The examination fee for one or more reappear/ repeat papers of any examination shall be the same as for the whole of semester examination. Separate admission forms for papers belonging to different semesters are to be filled by the candidate indicating paper(s) offered for each semester examination.

3.4   Reappear

In case of reappear papers candidate shall be required to submit their Examination Forms on or before the result, or the regular date for submission of examination forms, whichever is later.

4.   Evaluation System

4.1   In a theory paper, the question paper will be set by an examiner appointed from a panel of examiners, proposed by the Board of Studies of that discipline. A sample question paper of the concerned discipline will be supplied to the paper setter for guidance. The paper setter shall be a teacher from BCET, Gurdaspur or from some other University or of the affiliated College/ Institute of PTU.

4.2   The answer books will be evaluated at college level as per UGC Academic Autonomy Rules. For each subject, a panel of evaluators will be appointed. The panel of examiners will be constituted by the H.O.D. of the concerned discipline from the teachers of the College with preference to teacher teaching that course in that semester.

4.3   Practical examination in each practical subject will be conducted jointly by an internal and external examiner. Both internal and external examiner will be from the college, whereas for the practical examination of Project and Industrial Training, the external examiner will be from any of the affiliated colleges of the University or from outside. The list of examiners will be prepared by BOS of concerned discipline. The external examiner will be appointed by the HOD from the panel of examiners proposed by the BOS.

5. Certification

5.1 Conditions for Certification

5.1.1   Every candidate shall be examined in the subjects according to the syllabi and course outlines prescribed from time to time.

5.1.2   Each paper shall be of 100 marks, out of which the candidate shall be examined for 60 marks on the basis of external paper setting evaluation. Remaining 40 marks in each paper, excluding project report seminars and practicals, shall be assigned to internal assessment. It will be based on performance of the students in house tests, take-home assignements and class participations, etc. The project report seminars and practicals, shall be evaluated with weightage of 60% internal and 40% external examinations.

5.1.3   To pass in a subject a candidate will be required to obtain a minimum of 40 % marks or 'P' Grade However, to become eligible for the award of degree, a student must obtain a minimum CGPA of 5.0 of all the courses prescribed for the 8 semesters.

5.1.4   The enrolment / registration number of the candidate for the course will be valid for the maximum period for the completion of the course mentioned in clause 7.1

5.1.5   The internal assessment/ sessional will be based on the continuous evaluation of the students, through class tests / mid semester tests, quizzes, seminars, home assignments and class work. A minimum of three class tests / mid semester tests will be held during the semester. Out of which the best two shall be considered for awarding internal assessment marks.

5.1.6   The marks obtained by the students in sessionals / internal assesment of both Theory and Practicals shall be added as such to the marks obtained in written Theory and External Practical examinations respectively.

5.1.7   The students will have to obtain a minimum of 40 % marks in internal sessional written Theory and internal external Practical examination separately to pass the subject.

5.1.8   At the end of each semester the college will conduct end semester examination, provisional result will

notified by COE - BCET, Gurdaspur time to time. A student will be supplied detailed marks card (DMC) by IKGPTU, indicating the marks obtained in each course passed, credits earned and upto date credits earned.

5.1.9   The University will publish the final result and the division obtained by each candidate when the candidate has cleared all the papers / subjects of all the eight semester examinations.

5.2 Award of Degree

A student will be awarded degree subject to the following conditions :

i)   must have obtained a min. CGPA of 5.0 at the end of eight semesters of study, as applicable.

ii)   must have enrolled for NCC or NSS and should have attended the prescribed number of camps/ projects as prescribed by the University.

iii)   has paid all the fees and other charges including fines, if any, due from him to the University and the College.

iv)   has no case of indiscipline pending against him/ her.

5.3 Divisions

The University shall publish the final result indicating the marks obtained in aggregate marks for 8 semesters and the division obtained by each student on the following basis:-

Division Percent Marks

i)   First with Distinction, provided all examinations are passed in first chance with regular classes in the normal duration of 4 years as applicable without any reappear at any stage and with CGPA of 8.00
        or above 6.0 CGPA

ii)   First, with more than 6.0% CGPA

Master (PG) Course

Duration :-

The duration for PG course is two years for regular, PG programme.

The   eligibility criteria for admission may be referred from Punjab Technical University website : www.ptu.ac.in or college website. Www.bcetgsp.ac.in

POLYTECHNIC WING(PW)

The Polytechnic Wing was established in 2009 under the NABARD scheme by Govt. of Punjab. It has separate building with an objective to make optimal utilization of existing resources and to accelerate the development process of the state in general and this border region in particular. It offers AICTE recognized three years diploma programmes in three engineering streams which are affiliated to Punjab State Board of Technical Education Industrial Training   (PSBTE IT).

Director	Dr. T.S. Sidhu
Principal (Diploma)	Sh. Anil Sagar

An Overview of Polytechnic Wing Departments and Courses.

Department Name	Seats In Diploma in Engg
Computer Science Engineering	60
Mechanical Engineering	60
Electronics and Communication Engineering	30
*20 % additional seats for direct admission to 2nd year through lateral entry scheme	

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING (POLYTECHNIC WING)

Faculty of Department of Computer Engineering (Polytechnic Wing)

S.NO	NAME	DESIGNATION	QUALIFICATION
1	Mr.RahulPunj	Lecturer HOD	M.Tech.(CSE),B.Tech.(CSE)
2	Mr.RahulSharma	Lecturer	M.Tech.(CSE),B.Tech.(CSE)
3	Ms.IshaMahajan	Lecturer	M.Tech.(CSE),B.Tech.(CSE)
4	Ms.AmarjitKaur	Lecturer	M.Tech.(CSE),B.Tech.(IT)
5	Ms.MonikaJyoti	Lecturer	M.Tech.(CSE),B.Tech.(CSE)
6	Mr.PiyushMahajan	Lecturer	B.Tech.(CSE)

DEPARTMENT OF MECHANICAL ENGINEERING (POLYTECHNIC WING)

Faculty of Department of Mechanical Engineering (Polytechnic Wing)

S.NO	NAME	DESIGNATION	QUALIFICATION
1	Mr. Puneet Sidhu	Lecturer HOD	M.Tech. (ME), B.Tech. (ME)
2	Mr. Sunil Kumar Tuli	Lecturer	B.Tech. (ME)
3	Mr. Jasnoor Singh Sandhu	Lecturer	M.Tech. (ME), B.Tech. (ME)
4	Mr. Navjot Singh	Lecturer	B.Tech. (ME)
5	Mr. AntrikshChoudhary	Lecturer	B.Tech. (ME)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING (POLYTECHNIC WING)

Faculty of Department of Electronics and Communication Engineering (Polytechnic Wing)

S.NO	NAME	DESIGNATION	QUALIFICATION
1	Ms. Megha Sharma	Lecturer HOD	M.Tech. (ECE), B.Tech. (ECE)
2	Mr. Vinod Agnihotri	Lecturer	M.Tech. (ECE), B.Tech. (ECE)
3	Mr. Gagandeep Singh	Lecturer	M.Tech. (ECE), B.Tech. (ECE)
4	Ms. Rajbir Kaur	Lecturer	M.Tech. (ECE), B.Tech. (ECE)
5	Ms. Aarti Sharma	Lecturer	B.Tech. (ECE)
6	Ms. Kanika Sharma	Lecturer	B.Tech. (ECE)

DEPARTMENT OF APPLIED SCIENCES (POLYTECHNIC WING)

Faculty of Department of Applied Sciences (Polytechnic Wing)

S.NO	NAME	DESIGNATION	QUALIFICATION
1	Ms. Nirmal Kaur	Lecturer HOD	M.Sc. Mathematics, B.Ed.
2	Dr. Ravinder Singh	Lecturer	Ph.D. Physics
3	Dr. Pankaj Bala	Lecturer	Ph.D. Physics
4	Dr. Pawanpreet Kaur	Lecturer	Ph.D. Physics
5	Ms. Ritika Saini	Lecturer	M.Sc. Chemistry
6	Ms. Neha	Lecturer	M.Sc. Mathematics, NET Qualified
7	Ms. Amanpreet Kaur	Lecturer	M.Sc. Chemistry, B.Ed.
8	Mr. Ravinderbir Singh	Lecturer	M.A. English

ELIGIBILITY FOR ADMISSION

1. The admission to diploma level courses shall be made on the basis of the merit of the subjects Maths, Science and English with overall status pass in the matriculation Examination. Apart from the above basic education qualifications, the general eligibility criteria shall be as contained in Punjab Government, Department of Technical Education and Industrial Training Notification No.8/6/20164TE2/700762/1 Dated 01/03/2016.

2. There is no lower or upper age limit for admission.

3. Reservations of seats in the affiliated institutions situated in Punjab shall be as per the policy of Government of Punjab.

ENGINEERING DIPLOMA (LATERAL ENTRY) In addition to this, for each regular course twenty percent (20%) seats are also available in the second year of course through lateral entry. The number of seats in each course is limited to the twenty percent of the sanctioned intake plus number of vacant seats (if any) after first year.

ELIGIBILTY CRITERIA

1.   Candidates who have passed 10+2 Science from a board recognized or established by Central/State Government with Vocational/ Technical Subjects OR 10th from a board recognized or established by Central State Government with 2 years ITI with appropriate specialization in that order shall be eligible for admission to second year Diploma courses of appropriate program, up to a maximum of 20% of sanctioned intake.

2.   Admission to LEET seats shall be made on the basis of relative merit in the qualifying examination mentioned above.

3.   It is further provided that seats remaining unfilled on the basis of eligibility criteria mentioned in Para-1 shall be filled on the basis of inter-se-merit of:

i)   One year ITI after 10th from any institution of Punjab/Other state.

ii)   10+2 vocational examination in various branches from a board recognized or established by Central/ State Government through legislation.

iii) 10+2 with Science from a board recognized or established by Central / State Government through a legislation.

iv) Two years certificate course from Sant Longowal Institute of Engineering and Technology,   Longowal and have Punjab Domicile.

v)   Two years certificate course in Skill Technician (Machinist), Skill Technician (Machine Maintenance) and Quality Assuranace Inspector from RD Centre for Bicycle and Sewing Machine, Ludhiana.

BEANT SENIOR SECONDARY SCHOOL

Beant Senior Secondary School is a school wing of Beant College of Engineering Technology, Gurdaspur which runs 10+1 and 10+2 in Science (Non-Medical) with intake of 50 students each. The School has been established under the NABARD scheme of Govt. of Punjab in 2009. Since then the School is running successfully. The school is run and managed by Beant College of Engineering Technology, Gurdaspur. The school is affiliated to Punjab School Education Board, Mohali. It is having all the infrastructure inside its independent building, such as well equipped Physics, Chemistry and Computer Lab. The faculty/teaching staff is well qualified.

Dr. T.S Sidhu   Director
Sh. Anil Sagar   Principal

S.No.	Name	Designation	Qualification
1.	Mrs. Sukhvir Kaur	Lecturer in Punjabi	M.A, B.Ed.
2.	Mrs. Diksha Sharma	Lecturer in Chemistry	M.Sc.,B.Ed
3.	Mrs. Bhawna Tarnach	Lecturer in English	M.A, B.Ed.
4.	Mr. Vageesh Sharma	Lecturer in Physics	M.Sc.
5.	Mrs. Nirmal Kaur	Lecturer in Mathematics	M.Sc., B.Ed.

TRAINING AND PLACEMENT OFFICE (TPO)

The Department of Training and Placements in Beant College of Engineering Technology was established to accommodate the necessities of college students for their job placements in various institutions/organizations - both Govt. Private having national/international reputation. The TP office has performed extraordinarily well both in the matter of placements and providing academic guidance to the students to help them able to start their career in the field of their interest. The department is a centralized facility for students of all the streams of the college. The department not only conducts campus placements for its own students but also joint campus placements by for all the students from other nearby colleges. Big brands of national and international repute participate in the campus placements/joint campus placements. Students are also helped to do their industrial training in multinational companies, start-ups and research institutions all over India. The feedback from the company officials is taken every time they visit the college campus, so as to improvise/modify the teaching curriculum for preparing students as per latest industry requirements.

This cell keeps updating the database of potential employers where the college students are already working or the employers who visited the campus in last few years so that the students can be guided for training and placement in those particular brands. Regular interaction with industry through expert talks (By company officials), phone, email and personal/industrial visit is made to develop a long term professional industry-academia bridge. Personality Development Seminars, Workshops and Expert Lectures are organized to improve the performance of students in job market, along with pre-placement tests being conducted by college with the help of few specific companies which can later on absorb our students after Semester Industrial Training.

Placement Team:
- Dr. Sarabjeet Singh Sidhu, TPO, ME
- Mr. Amandeep, ATPO, ECE
- Mr. Akshay Mahajan, ATPO, BT
- Mr. Kanchan Kumar, APTO, CHE
- Mr. Rajeev Bedi, ATPO, CSE
- Ms. Geetanjli Sharma, ATPO, CSE
- Mr. Amit Verma, ATPO, IT
- Mr. Sandeep Gandotra, ATPO, ME
- Mr. Shubham Bhalla (Civil)

COMPUTER CENTRE

Computer Centre is providing central facilities to various departments and hostels of the institution. There is 1Gbps internet leased line connectivity from National Knowledge Network. There is CyberoamUTM, which acts as firewall to protect institute Network from outside threats. It is also used to manage internet bandwidth and internet users. There is campus wide networking connecting Computer Centre to various departments, sections, hostels and residential area. There is Wi-Fi facility available in all the boys and girls hostels.

Description of Items	Qty.
Server (ProLiant ML 350 e Gen 8) # Quad Core Intel Xeon ES-2403 @ 1.8 GHzwith 10 MB cache # Intel C600 Series Chipset # 16 GB DDR3 RAM # 3x300 GB SAS Raid Controller # DVD-RW 8x # 18.5" LED TFT Monitors	02
HP Compaq dx 7400 series # Intel Core 2 Duo @ 2.53 GHz # RAM 3 GB DDR3 # Cache 2 MB L2/L3 # HDD 160 GB # Monitor 15" TFT	10
HP Compaq dx 6100 #P-IV @ 3.0 GHz # RAM 1.5 GB DDR1 # Cache 512 KB L2/L3 # HDD 80 GB # Monitor 18.5" TFT	61
# HP Compaq NX6120, @ 1.73 GHz # Cache 2 MB L2 # Intel 915 chipset # RAM 256 MB DDR # HDD 40 GB	01
HP Compaq dx2280 # P-IV @ 2.8.0 GHz # RAM 1.5 GB DDR1 # Cache 1.5 KB L2/L3 # HDD 160 GB # Monitor 18.5" TFT	10

UPS 6 KVA	01
UPS 3KVA	08
Core Switch : Make & Model D-LINK - Layer - 3	01
Edge Switch : Make & Model NORTEL 425-24T	18
Firewall / UTM Cyberoam	01
Wifi Controller - Ruckus Wireless Zone Director 3000 (for Hostel Wifi)	01

Software

Window XP Pro (for HP dx6100 model, HP dx2280 model), Window Vista Business (for HP dx7400 series) and Ubuntu 10.04
ISP (Internet Service Provider) - NKN, Railtel (1Gbps)
MS-Office Std. 2016 (Lic. 100)
MS-Office Professional Plus 2007 (Lic. 50)

Faculty/ Staff Profile

Name	Designation	Qualification
Sh. Arpinder Singh	Associate Professor in Computer Practices	ME
Sh. Deepak Kaila	Assistant Professor in Computer Practices	MCA
Sh. Mukhwinder Singh	Lab Attd.	10th
Sh. Sandeep Mahajan	Lab Attd.	10+2

CENTRAL WORKSHOP

There is a Central Workshop well equipped, for providing engineering skills to the students. Workshop is equipped with latest   modern machines having high degree of accuracy. Workshop gives the training to the students of basic knowledge of production, properties of different types of machine tools, equipment machinery and new techniques of manufacturing and also gives a sound practical out-look to students. In May-June months, Workshop conduct a training programm/ industrial tours in reputed industries like R.C.F Kapurthala, HMT Pinjore, PTL Mohali, Sugar mills, Central Tool Room, Thermal power plants etc. for the various technologies and subsequently operation of the plants .The Central Workshop of the college consist of following shops.

MACHINE SHOP

The Machine shop is equipped with CNC T -100 trainer master Lathe Machine, CNC Mill trainerMachine, HMT Lathes LB-17/1000 (5 nos.), Padmini Students Lathes (5 Nos.) Universal Milling machine FN-1- U, Radial drilling M/c RM-62, Tool Cutter grinder G.T.C -28T, All geared shaper M/C cap. 450   300MM, Pillar Type drilling M/C, Power Hacksaw, Capstan combined centre Lathe, Pedestal grinder, Bench grinder Surface plate, Plastic Injection moulding machine, Pantograph and engraving machine , Planner machine, Slotting Machine and Turret Lathe Machine etc.

CARPENTRY SHOP

The carpentry shop is equipped with wooden Lathe, Circular saw,Band Saw, Universal wood Cutting Machines, Wood Carving Tool Kit and other carpentry Hand Tools etc.

FITTING SHOP

The Fitting Shop is equipped with bench grinder 15mm, Drilling Machine Capacity 13 mm, Surface plate CI (2'x2), Out side micromenter, Vernier calliper, Vernier height gauge combination set.

Hydraulic power hacksaw machine(capacity dia 200mm)
Angle plate {fixed   adjustable}
Radius gauge upto 7.5mm   Vernier Micrometer 0-300mm.
Marking Table (Granite)   Portable Drilling Machine
 Vernier Calliper (Digital)300mm

WELDING SHOP

The welding shop is equipped with portable welding set, Arc Welding Set Capacity (500amp 300amp.),Spot welding ,Oxy-acetylene gas welding , MIG welding, seam welding purchase under (TEQIP project), Argon Welding cap.250 amp complete with all accessories etc.

FOUNDRY SHOP

The equipment in foundry shop includes mouding boxes and other moulding Tools along with oil fired tilting furnace for casting of aluminum   other non ferrous metals , Green sand Mould hardness tester, Plateform Weighing machine, Permeability tester , Pit furnace ,Core drying oven, Cupola furnace, Universal sand strength testing machine, Moisture teller (to check the moisture contents in moulding sand), Sieves shaker (to check the grain fineness number), Clay washer (to test the clay contents), Standard sand rammer, Pneumatic sand moulding machine ,Sand aerator, Shatter index tester and Sand muller machine etc.

SMITHY FORGING SHOP

The smithy Forging shop is equipped with Black smith open hearth furnace, Anvils, swage block, Power hammer and smithy hand tools etc, Mechanical power press Cap . 10 Ton (purchase under TEQIP-II)

SHEET METAL SHOP

The sheet metal shop is equipped with Electrical operated shear machine max steel sheet cutting cap 1.6 mm, Electrical operated Nibbler m/c max. Steel sheet cutting cap 2.0MM, grooving machine purchase under {TEQIP project}, slip out rolling and bending machine, Edge folding machine, Hand shear cutting machine, Arbour Press, Fly press, Hydraulic pipe bending machine, Circular cutting machine etc.

ELECTRICAL SHOP

The Electrical shop is equipped with Multimeter, Volt meter, Electrical operated Drilling machine cap.12mm and other electrical/electronics hand tools etc.

HEAT TREATMENT

Shop is equipped with different types of equipments metallurgical mounting press, Carbursing Furnace, Muffle Furnace, Metallurgical linisher Abrasive disc cut off machine , Specimen polishing machine, Jominy end quench test machine and metallurgical microscopes, image annalyzer and Emission spectrometer, Rock Well Harness Testing Machine etc.
1.Double Disk polishing M/c, 2 Metallurgical Microscope purchase under
(TEQIP project)

Faculty Profile

S. No.	Name	Designation	Qualification
1.	Sh. Gurnam Singh	Lecturer (W/P)	B. Tech. (Mech . Engineering)
2.	Sh. Surinder Singh	Lecturer (W/P)	B. Tech. (Mech . Engg)
3.	Sh. Balwant Singh	Foreman Inst. Co-ordinator Workshop	D.M.E

STAFF MEMBERS

Sr.No	Name of Staff Member	Designation	Qualification
1	Sh. Kuldip Lal	Workshop Instructor	(Smithy shop)
2	Sh. Avtar Singh Lal	Workshop Instructor	(Foundry shop)
3	Sh. Ram Singh	Workshop Instructor	(Fitting shop)
4	Sh. Subash Chander	Workshop Instructor	(Carpentry shop)
5	S Sh. Naresh Prabhakar	Workshop Instructor	(Welding shop)
6	Sh. Chiranji Lal	Workshop Instructor	(Electrical shop)
7	Sh. Inderjit kumar	Technician Gr. I	(Sheetmetal shop)
8	Sh. Ajmer Singh	Technician Gr. II	(Machine shop)
9	Sh. Vikramjit	Technician Gr. II	(HeatTreatment shop)

CENTRAL RESEARCH LABORATORY

College established a central research facility from TEQIP-II grants to cater the needs of students and faculty. This facility is helpful to all the students who are pursuing their M. Tech. thesis in the field of metallurgy, material science and polymers. Besides, faculty members are also be benefitted from this facility to develop new, nano-structured and smart materials having potential applications in the industry.

Following Equipment(s)/Software(s) are installed in the central laboratory :

1. Digital pH-meter,
2. Magnetic hot plate with stirrer,
3. Electronic Balance,
4. Oven, DI water purifier plant,
5. Hydraulic Press (10T),
6. Ultrasonic Bath,
7. Muffle Furnace (1400°C),
8. UV-VIS spectrophotometer,
9. FTIR spectrophotometer,
10. TLD reader,
11. Melt-Flow Index Tester,
12. Universal Centrifuge
13. Software Matlab
14. Software Mathematica
15. Software DSP menter
16. Double Disk Polishing machine
17. Metallurgical Microscope

The main utility of muffle furnace is to sinter the powder samples (after grinding the mixture and compressing into pellets) at higher temperature so that proper diffusion of atoms/molecules can take place in order to produce the desired crystalline materials.

The present UV-VIS spectrophotometer is used for reflection and absorption measurements on solid samples, including semiconductors, films, glass, and absorbing materials including bio samples. The samples can be scanned between wavelength range 200nm to 800nm.

The FTIR spectrophotometer is used to study the presence of functional groups in biological, pharmaceutical and other samples of interest which have technological applications using FTIR techniques like transmission, diffuse reflection, and attenuated total reflection.

Thermoluminescence Reader (TLD) is a versatile controller based unit, facilitating the user to subject the thermo-luminescence (TL) sample under study to the desired heating profile, to record the digitized TL glow curve. TLD reader can be used to for TL Phosphor Characterization, Medical Dosimetry, Personal Monitoring Research, Archeology dating, Environmental Radiation Monitoring, Medicine, Biology, Neutron Dosimetry, Reactor Engineering, High Level Photon Dosimetry with TL materials, standardization and inter comparison of TL dosimeters used in personnel monitoring etc.

Melt Flow Index is an assessment of average molecular mass and is an inverse measure of the melt viscosity; in other words, the higher a MFI, the more polymer flows under test conditions. Knowing the MFI of a polymer is vital to anticipating and controlling its processing. Generally, higher MFI polymers are used in injection moulding, and lower MFI polymers are used with blow moulding or extrusion processes. Melt flow rate is very commonly used for polyolefins, poly-ethylene being measured at 190°C and poly-propylene at 230°C. The plastics engineer should choose a material with a melt index high enough that the molten polymer can be easily formed into the article intended, but low enough that the mechanical strength of the final article will be sufficient for its use.

The universal centrifuge is an environment friendly high speed research centrifuge with brush less AC Induction motor and inverter drive. It is used to separate two immiscible liquids. It is also used to process small volumes of biological molecules, cells or nuclei in biological research. It can be utilised for separation of urine components and blood components in forensic and research labs.

RESEARCH AND DEVELOPMENT SECTION

The research and development (RD) is a most vital activity of an engineer. The RD section of the institute helps in promoting the innovative, thinking out of box skill in students and faculty. Students and faculty members are encouraged to participate in technical events, design solutions for improving the life of human being, converting waste to wealth, seeking alternate sources of energy, design material for better performance and seeing solutions for national problems using science and technology.

In order to enhance this activity, the institute has earmarked sufficient fund. Apart from the college fund, the students and faculty are also encouraged to submit their project for seeking fund from external agencies. In the past, the institute has earned good name in seeking funding from external agencies. Few projects submitted by students and faculty are still in pipe line to receive the external grant.

The willing students may contact further with the Dean (P.G.R).

CENTRAL LIBRARY

The Central Library of Beant College of Engineering and technology was setup in 1995 in the Science Block of the College. It is now shifted to the Auditorium Building. Ever since its inception the library is playing a vital role in encouraging self learning, supplementing academics, boosting research and development activities and promoting consultancy activities. It has the floor area of 480.28 sq.m. and the seating capacity of 150 readers in reading halls. The Library follows the open access system. It facilitates the users to browse and pick up the document of their choice without any hindrance.

The Central Library maintains the following types of collection:

- Books, Text Books, General Books Reference Books
- Career Planning materials /CDs
- standards/Manuals/Theses
- Publishers Catalogue/Product Catalogue
- Syllabi/Old Question Papers
- News Letters/Newspapera

- Journals/e-journals
- Back Volumes Journal
- CDs/DVDs
- Institute Publications Faculty research Papers
- News Letters/Newspapers

Subject wise number of Books /Titles/Journals (Print Format):

S. No.	Branch	Titles	Volumes	Journals
1.	Mechanical Engineering	2512	6971	7
2	Computer Sc. Engineering	1536	4740	3
3	Information Technology	755	2643	2
4	Electronics Comm. Engineering	1792	5160	5
5	Chemical Engineering	1687	3458	9
6	Biotechnology Engineering	415	1498	4
7	Civil Engineering	367	1592	4
8	Applied Science, Hum. Mgmt.	1404	3532	9
9	Bsc Agriculture	62	335	6
10	Others	291	1132	23
	Total	10821	31061	72

E-books

S.No	E-books	Web Address	Remarks
1.	World eBook Library	http://community.worldlibrary.in	IP Based Campus Wide Access
2.	doabooks	https://doabooks.org	Open Access Books
3.	Hathitrust	https://hathitrust.org/digitallibrary	Open Access Books

S. No.	E-resources	Web Address	Remarks
1.	ASME	http://journals.asmedigitalcollection.	IP Based Campus Wide Access (Under Process)
2.	ASCE	http://journals.ascelibrary.org	IP Based Campus Wide Access (Under Process)
3.	IEEE (ASPP)	http://www.ieeexplore.ieee.com	IP Based Campus Wide Access (under Process)
4.	DELNET:	(Developing Library Network) http://www.delnet.nic.in	IP Based Campus Wide Access
5.	Doaj	https://doaj.org/	> 12000 (open aceess journals)
6.	Oajse	https://oajse.org/	>2500 (open aceess journals)

The Central Library also has an institutional membership of:

    1. DELNET

    2. TERI

The library initiates the following function:

    1. Current Awareness Services.

    2. Inter Library Loan service on demand.

    3. Newspaper clippings service.

    4. Photo copying on payment basis.

    5. Conference/seminar information.

    6. Book Bank facilities for SC/ST and Economically Weaker Section.

    7. Reference and referral services

FACILITIES:

    1.Air Conditioned Library

    2.Reading Halls

    3.E-lab with 8 terminals and Internet connectivity

    4.Book Bank

    5.Photostat

    6.News Paper Section

    7.Theses Section

LIBRARY TIMINGS:

1. All Working Day's 09.00 AM to 5.00 pm

2. Reading Hall (On all Days) 24 hours

LIBRARY MEMBERSHIP:

1. Teaching Faculty	08 tickets
2. Non Teaching	02 tickets
3. U.G.student (Regular)	03 tickets
4. P.G.student (Regular)	03 tickets
5. P.G .student (Part time)	02 tickets

LOAN PERIOD:

1. General Books	28 days
2. Text Books	14 days
3. Book Bank Books	Full Semester
4. Reference Text Books	Overnight
5. Teaching Staff	One Semester
6. Reference Books	Overnight
7. Bound Periodicals	Overnight
8. Current periodicals/ journals	Not to be issued

Library Rules:

A borrower can borrow books as under:

1. Under Graduate students	03(2 Text Books,1 General Book)
2. Post Graduate Students	(Full time) 03
3. Post -Graduate Students	(Part Time) 02
4. Teaching Staff	08
5. Non-Teaching Staff	02
6. Book Bank Books	(For full semester) >5

OVERDUE CHARGES:

The following overdue charges are recovered from the borrowers, if they keep library materials longer than the due date.

1. **General books:**

Rs.1.00 per book per day for the first week of overdue,Rs.2.00 per book per day for the second and Rs 3.00 per day per book for successive weeks. For general books, however, grace period of four days after the due date including holidays will be allowed. If the book is not returned within grace period, the overdue charges will be charged for the grace period also at the usual rate mentioned above.

2. **TEXT BOOKS:**

1.Rs 1.00 per day per book for the first week. Rs 2.00 per book per day for the Second week and so on

2.Overnight Text Books: Rs 2.00 per hour per book.

REPROGRAHIC UNIT:

Xerox facility is available for reference technical papers only to the users at the following rates : A-4 size (single side)@ Rs 1.00 only.

FACULTY/STAFF PROFILE

NAME	Designation	Qualification
Smt. Prabhjot Kaur	(Incharge Library)	M. Lib.
Dr Navdeep Singh	Library Assistant.	Ph.D
Sh. Nirmal Singh	Junior Technician	Dip. in Library Science
Smt. Anju Bala	Peon	Matric

DISPENSARY

The College has dispensary to provide medical facilities under the guidance and observation of a qualified.

1. Doctor (Medical Officer)   Dr. Navneet Singh Lalli
2. Staff Nurse   Smt. Surjit Kaur
3. Pharmacy Officer   Sh. Gurnam Singh
4. Medical Attendant   Sh. Karan Kumar

The dispensary provides medical aid to both students and staff.

Ambulance is available to carry serious patients for consulting doctor in various hospitals.

The dispensary of the college is well equipped. The various equipment in the health care center includes the following with uses.

Equipment	Uses
1. E.C.G. Machine Model - BPL8108	For CVS
2. (a) Portable Oxygen Cylinder (b) Normal Oxygen Cylinder	(a) For emergency need in dispensary and ambulance. (b) for emergency need for patients in dispensary
3. Medical Pulse Oxymetre	To Monitor The Pulse of patent in emergency.
4. Instrument sterlizer	For sterilizing instruments used in dispensary.
5. Blood Glucose Monitoring system	For monitoring blood glucose level.
6. Electric and Mannual Needle Syringle Destroyer	for destroy used syringe and needles.
7. Digital B.P. Appratus	For monitoring blood pressure during emergency in hostels, classrooms and in the examination center of the college.
8. X-Ray View Box	For viewing x-rays clearly
9. Digital Thermometer	For Checking accurate body temperature of patient.
10. Portab le Auto Clave with Drum	For sterilization of all bandage, cotton, gauges used in various dressing in dispensary.
11. Dressing Drum	For dressing purpose

- 24 hours emergency services are provided by dispensary
- Regular surprise checking in all hostel messes, canteens, Nescafe and shopping complex of the college.
- Regular medical examination of the mess workers is done in the college dispensary.

TRANSPORT FACILITY

The Technical Campus has one 46 seats Tata bus for the convenience of staff and students to conduct industrial /academic excursions. For various official activities, the Technical Campus has an Innova car, Ambassador Car, and Tata Sumo . Technical Campus also has a tractor of its own for various miscellaneous needs and maintenance activities.

Transport Officer: Sh. Surinder Singh, Lecturer (Workshop Practice)

Assistant Transport Officer: Sh. Ajmer Singh, Technician, Grade - II

BANK, CANTEEN AND OTHER VENDING FACILITIES IN THE CAMPUS

1. Bank (State Bank of India Bariar, Gurdaspur) with ATM facility
2. Verka Milk Booth
3. Nestle Nescafe Stall
4. Canteen

STUDENT ACTIVITIES

VISION :
To Inculcate and Enrich Human Qualities for Making our Students Globally Competent.

Mission
1. Development of all-round personality to become successful in all sphere of life by proper co-ordination of mind and body.
2. To inculcate sportsman-ship spirit for remaining active and concentrated. To learn to work together as a team.
3. To train for providing service to the nation for noble cause.
4. To make them learn to protect the self and the society.
5. To make them learn to relieve the strain by participating in various activities like singing, dancing etc.
6. To develop their own identity along with equal respect to others identity.
7. To participate various technical events for the development of imagination and creativity.

Dean, Students Welfare

Dr. Gurpadam Singh		
Contact No	:	94641-06036 (M)
Fax	:	01874-221463, 221464
Email	:	dswbcetgurdaspur@yahoo.com

Societies and Clubs for Students related activities
For the overall development of the students, various extra and co-curricular activities are available in the college. Various societies / clubs function under the faculty members. Some of the important societies / clubs are as under:

Sr. No.	Name of Society/Club	Name of Faculty Incharge	Mobile no.
1.	ISTE Activities	Dr. Rajiv Malhotra	99147-15310
2.	Music and Dramatics Club (MD)	Sh. Gurpreet Singh	99880-18418
3.	NCC Activities	Capt. (Dr.) N.S. Kalsi	88725-00370
4.	NSS Activities	Sh. Sukhwinder Bir	89688-88944
5.	Sports Activities	Sh. Gurnam Singh, (President Sports)	83609-66202
		Sh. Pritpal Singh, DPE	99158-70672
6.	Fine Arts Club(FAC)	Sh. Akshay Mahajan	62809-81262
7.	Punjabi Sabhyacharak Club	Sh. Jagjeet Maan	75289-92257
8.	Literary Society(LS)	Sh. Saurabh Mahajan	94171-05956
9.	Entrepreneurship Development Club(EDC)	Dr. Nripjit	7009295677
10.	Incharge Photography Club	Dr. Sandeep, Gandotra	98726-22178

Apart from this there are many Technical Societies at department level that are working under the respective HOD to enhance the technical knowledge of the students in their respective fields, like APEX Management Society, BioGen Society, SAE Club, Phoenix club, ESTER Society and many more. Visit college website www.bcetgsp.ac.in for more details.

ISTE STUDENT CHAPTER
The Indian Society for Technical Education (ISTE) is a national, professional, non-profit making Society. First started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into Indian Society for Technical Education" in 1968 with a view to enlarge its activities to advance the cause of technical education. The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations. Being the only national organization of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. The Ministry of Human Resource Development, CTE/DST/MIT/State Governments are associated with ISTE to provide technical platform to the engineering students to enhance their technical knowledge. The student chapter of ISTE at Beant College of Engineering and Technology, Gurdaspur started in 1999. Since then, the ISTE student chapter has been working steadfastly for inculcating technical ethos amongst the students. In 2005, the student chapter organized technical festival at a grand scale. Since then, the chapter has been organizing technical festivals every year. Almost all the societies and clubs of the college organize various events under the umbrella of ISTE students' chapter. In addition to the technical events, cultural events are also part of these festivals. These technical-fests motivate students to expose their talents with extraordinary flair to enhance their professional skills which leads to their personality development. Technical festival is an event in the calendar of the college for which students eagerly await every year.

ASHRAE Student Chapter

ASHRAE (American Society of Heating Refrigerating and Air-Conditioning Engineers) Students Chapter will be started at BCET in the current semester. After joining this chapter, students will be having a great opportunity to participate in various activities. Also this chapter will act as a good plateform for students to have an international exposure.

ENTREPRENEURSHIP DEVELOPMENT CELL

The institute has established an Incubation Centre to promote entrepreneurship among the students of the college in this regard, a sensitization session on Entrepreneurship was conducted in the college on October 18, 2011. The main thrust of the session was to sensitize the students regarding the importance of entrepreneurship and opportunities in the liberalized economy of the country. The session was organized by Entrepreneurship development cell of BCET, Gurdaspur, sponsored by Punjab Technical University, Kapurthala. Another area work of incubation centre is to increase the industry institute interaction. This will help students to get first hand information regarding the opportunities and challenges that industry is facing. The center is now planning to establish strengthening institute industry relationship by establishing a business club, which will include budding entrepreneurs, industrialists, faculty and representative of university. This will help in industry institute interaction as well as in fostering entrepreneurship ideas among the students

NSS WING

This technical campus has been served the community with continuous participation of student volunteers of NSS (EngineeringWing). The Motto of NSS is "Not Me, But You", expresses the essence of democratic living and upholds the need for self-less service.The main theme of NSS activities is to make students understand that their first duty should be, not only to treat their period of study asone of the opportunities for indulgence in intellectual luxury, but also for preparing themselves for final dedication in the service ofthose on whose back, they are resting. To accomplish this goal, it is sought to arouse the social consciousness of the students andprovide them opportunity to work with people round the educational campus creatively and constructively and to put the educationthey receive to concrete the nation and social use. NSS volunteers of our campus organize the various regular activities like NSSweekly assembly and monthly orientation programme etc. and special activities like Van Mahotsav, NSS Day, Awareness Lecture on "Usage of SwedesiProducts", Swachha Bharat Abhiyan, Rashtriya Ekta Diwas, Expert Lecture on "Community Policing", Expert Lecture on"Combating Corruption", Let's Hang Socia, Donation Camp Indian Association for Blind, National Voter Day, Online Competition forVoters, Blood Donation Help Line, Picture-O-Mania, Swami Vivekananda Quiz Competition, Martyrs' Day of Bhagat Singh, SVEEP(Systematic voters' education and electoral participation), play on teachings of "Swami Vivekanad Ji", cleanliness camps, blooddonation camps, awareness seminar on Healthy Life, HIV Aids, Trends of Suicide in the Youth, Positive thinking, Ill Effects of Drugs etc. to fulfill the mission of NSS. NSS volunteers are awarded with the certificates and general fitness marks as pertheir performance in NSS activities.

Sh. Sukhwinder Bir, NSS Incharge   Sh. Navkamal jit Singh (Civil)
Ms. Arwinder Kaur (Biotech Engineering)   Ms. Jaspreet Kaur (ECE)
Sh. Tarun Mahajan (ME)   Ms. Pawan (Applied Science)
Sh. Mohit Marhwaha (IT)   Ms. Amarjit Kaur (CSE)
Sh. Amul Gurpreet Singh (Agriculture)

NCC WING

A NCC unit is fully functional in the college. Students participate in various activities like regular parades, camps, socialactivities etc. Military personals are regularly monitoring the NCC activities in the college. The students are awarded 'B'and 'C' certificate on the basis of the evaluation by the competent authorities. Following are the recent activities carried out under the banner of NCC:

1. A total of 108 cadets are on roll in the college and regular parades are being held.
2. Annual Training Camp-I, Tibri, during 19-28 June, 2019
3. Thel Sena Camp Competition, Amritsar during 18-27 July, 2019
4. Thel Sena Camp Competition, Ropar during 31 July - 09 August, 2019
5. PDLS at Layalpur Khalsa College, Jalandhar, during 10-19 September, 2019
6. Annual Training Camp II, Tibri, during 17 - 26 September, 2019
7. Advanced Leadership Camp (ALC), Malout, during 22 September 01October, 2019
8. Annual Training Camp, Batala (22 PB BN NCC), during 27 December- 05 January, 2020
9. EBSB Camp-II, Ropar, during 13 24 January, 2020
10. A total of 19 boys and 03 girls appeared for NCC 'B' certificate exam.
11. A total of 20 boys and 05 girls appeared for NCC 'C' certificate exam.

FINE ARTS CLUB : Various activities related with fine arts are organized by this club.

MUSIC DRAMTICS CLUB

Music and Dramatics (MD) activities are the basic needs of one's life. They can enlighten the soul and refresh the mind. This club organizes various activities during the annual function of the college and also participates in different music and dramatics programs held by the other colleges in the nearby location. In combination with studies, these activities play a vital role in polishing a student's persona. Just like sports, music and dramatics activities help a student to provide a break from a loaded study schedule to relax, refresh and to develop and improve any skills in these fields that will always add to a student's overall abilities. Music and Dramatics Club of BCET provides a platform for the students to demonstrate and enhance their skills in various fields of Singing, Instrument playing and Music Composing etc. It also provides students with an opportunity to enhance their event organizing skills. The various dramatics like Skits, Dances, Choreography, Mimicry and Plays etc. are organized by this club during the various occasions.

LITERARY SOCIETY

This club provides opportunity to students to participate in different technical and general Quiz, debates, seminar etc.

PUNJABI SABHIY CHARAK CLUB

This club organizes Punjabi cultural activities and provide information regarding Punjabi culture.

PHOTOGRAPHY CLUB

This club helps the students to know about photography and also helps in capturing events held in the college.

SOCIETY OF AUTOMOTIVE ENGINEERS

This society organizes different activities to provide information regarding the use of automotive Engineering.

DEPARTMENTAL SOCIETIES

i) Computer and IT Engineers Society
ii) ESTER (Electronic Society for Technical Education Research)
iii) Electronics Engineer's Society
iv) Mechanical Engineers Society
v) Chemical Engineers Society

SPORTS

Beant College of Engineering and Technology, Gurdaspur established by the Govt. of Punjab in the year 1995 is one of the premier institutes in the arena of Technical Education. Sports play an important part in one's life and in shaping one's personality. Along with academics, our students have an ample inclination towards sports. Our college has an excellent infrastructure in sports. This includes Gym Station and Playgrounds for all the games. This college is also having flood Light Tennis court. The following activities in various Outdoor In-door games are available for students.

INDOOR GAMES : Table Tennis, Chess, Carom, Luddo, Chinese Checker

OUTDOORGAMES : Volleyball,Football, Basketball, Hockey, Badminton, Handball, Lawn Tennis, Kabaddi (National /Circle Style), Cricket, Kho-Kho, Athletics, Cross Country, Tug of War.

Annual Athletic Meet and other Competitions

1. The College organizes Annual Athletic Meet and other Inter Year/Inter Branch Sports Competitions every year.
2. The College teams participate in various inter colleges tournaments which is organized by **Inder Kumar Gujral Punjab Technical University,** Jalandhar at various colleges every year.
3. The College also has gym station which has different type of machines so that students can do exercises and keep their body fit.
4. Instead of above mentioned facilities our college also provides every type of sports equipment according to the needs of students.

SPORTS ACHIEVEMENTS AT IKGPTU LEVEL

1. Won Silver Medal in Volleyball (Men) at IKGPTU Inter-Colleges Volleyball Tournament (2016-17).
2. Won Silver Medal in Hockey (Men) at IKGPTU Inter-Colleges Hockey Tournament (2016-17).
3. Won Bronze Medal in Power Lifting (Men) at IKGPTU Inter-Colleges Power Lifting, Weight Lifting and Best Physique Tournament (2016-17).
4. Won Bronze Medal in Cricket in 3rd Senior State Cricket Championship (Men).
5. Won Gold Medal in Pole Vault (Men), Silver Medal in High Jump (Women), Silver Medal in 400m Hurdle (Women), silver Medal in 4x400m Relay (Men), Silver Medal in 4x400m Relay (Women) and Bronze Medal in Discus Throw (Women) at IKGPTU Inter-Colleges Annual Athletic Meet (2016-17).
6. Won Gold Medal in Volleyball (Men) at IKGPTU Inter-Colleges Volleyball Tournament (2017-18). 7. Won Silver Medal in Hockey (Men) at IKGPTU Inter-Colleges Hockey Tournament (2017-18).
8. Won Bronze Medal in Basketball (Women) at IKGPTU Inter-Colleges Basketball Tournament (2017-18).
9. Won Bronze Medal In Volleyball (Women) at IKGPTU Inter-Colleges Volleyball Tournament (2017-18).
10. Won Bronze Medal In Power Lifting (Men) at IKGPTU Inter-Colleges Power Lifting, Weight Lifting and Best Physique Tournament (2017-18).
11. Won Silver Medal in Volleyball (Men) at IKGPTU Inter-Colleges Volleyball Tournament (2018-19).
12. Won Silver Medal in Long Jump (Men) and Bronze Medal in 4x100m Relay (Men) at IKGPTU Inter-Colleges Annual Athletic Meet 2018-19).
13. Won Silver Medal in Kabaddi (Men) at IKGPTU Inter-Colleges Kabaddi Tournament (2019-20). Won Silver Medal in Yoga in All India Yoga Darjeeling Cup (2019-20).

SPORTS ACHIEVEMENTS AT STATE LEVEL /NATIONAL LEVEL

1. Mr. Rohit Thakur (CHE, 1st Year) won Gold Medal in National and International Level Yoga Competitions.
2. Mr. Nitin Kumar M.E, 4th Year) Won Gold and Silver Medal at State level Wrestling Championship and Bronze Medal in Senior National Wrestling Championship.

INTERNATIONAL LEVEL

1. Mr. Nitin Kumar (M.E. 4th Year) secured First position in Multinational Wrestling Camp held at Moscow (Russia).
2. Mr. Nitin Kumar (M.E, 4th Year) participated in Asian Wrestling Championship held at Doha - Qatar on 23 June to Jul, 2015

ACADEMIC SECTION

Academic Section of the college deals with all the academic related matters, It involves in :-

Dealing with students from admission to award of Degree.

Keeps record of the students Academics.

Correspondence with University (Punjab Technical University, Jalandhar)

CONTACT PERSONS

Dr. Ranjit Singh, Dean Academics	8872457733
Dr. Vipin Kumar, Associate Dean Academics	9888220918
Dr. Darshan Jindal, Associate Dean Academics	8872109031
Dr. Simranpreet Singh Gill, Associate Dean Academics	8195956633
Sh. Kulwinder Kumar, Assistant Registrar	9464248875
Sh. Hari Parshad, Sr. Assistant	9464788096
Mrs. Rajinder Pal Kaur, Jr. Assistant	9855333969
Mrs. Ram Piari, Jr. Assistant	9780599424
Sh. Ashok Kumar, Jr. Assistant	9417828800
Sh. Shamsher Singh, Clerk	9779410734

EXAMINATION SECTION

The examination section of the college deals with all the examination related matters. It involves.

- Getting the examination forms filled by students
- Prepare date sheet of the examinations
- Get the question papers set and maintain secrecy.
- Conduct the examination as per norms
- Communicate the results to PTU, Jalandhar for notification of the results.

CONTACT PERSONS

Dr. Amar Pal Singh	Controller of Examination	9855715741
Sh. Parveen Kumar	I/C Secrecy and Conduct	9855502871
Sh. Naveen Beri	I/C Evaluation and results	8727099709
Mrs. Rajwinder Kaur	Sr. Assistant	9814878300
Sh. Gurmit Lal	Jr. Asstt.	8556040601
Sh. Amanat Masih	Lab Attendant	8725074097

STUDENTS WELFARE

Students welfare section of the institute looks after the matters related to the following:

i) Scholarships   ii) Discipline   iii) Anti-Ragging Measures
iv) Organizing convocation   v) Any other student welfare related matter

SUPREME COURT OF INDIA ORDERS

Curbing Ragging in Educational Institution

IMPORTANT NOTICE

In compliance of the letter No. F.1-8/2006 (CPP-II) dated February, 2008 it is informed that

"If any incident of ragging comes to the notice of authority, the concerned student shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him/her from the institution"

HOSTEL RULES AND GUIDELINES

A. HOSTEL GUIDELINES (Common for Boys and Girls)

1. Only CFL/LED lamps shall be allowed to use in the provided electrical fitting in the rooms. The same is to be arranged by the student himself/herself. No electric appliances other than the standard fittings duly prescribed, are permitted to be used in the rooms with the exception of one table lamp.

2. The hostellers shall keep their rooms, corridors, staircase and bathrooms spotlessly clean and tidy all the times. Students found to be living untidy and un-hygienically will be asked to leave the hostel or a fine will be imposed.

3. Smoking, Drinking Liquor, chewing tobacco, prohibited Drugs Narcotics and other intoxicants are strictly prohibited inside the hostel premises. Any violation will be dealt with strict disciplinary action with a minimum fine of Rs. 5000/- and up to the level of expulsion from the hostel/institute.

4. Hostellers can be expelled from the hostel if found guilty for any kind of misconduct or Indiscipline in the hostel and shall not be allotted room in the next hostels.

5. The mess arrangement will be on corporative basis run by student's mess committee under the supervision of warden for their assistance. Mess is compulsory for all residents and minimum 22 diets will be charged. Mess off can be given on Saturdays and Sundays and other holidays by noting down in the register kept in the respective mess.

6. The common room will be kept open at 7:00 A.M. and shall be closed at 10:30 P.M. For any deviation the permission should be sought from the warden.

7. Guests are not ordinarily permitted to stay in the hostel except in the case of parents/guardians. The student must get permission for keeping his/her guest in the hostel. The guest so allowed will be kept in the hostel guest room for one day only. Their names will be entered in the guest register kept in the hostel after taking the permission from the concerned warden/chief warden. A nominal charge per person shall be applicable for the stay.

8. Always keep your almirahs and rooms locked even when you go out of the room. The institute will not be responsible for any loss, damage or theft of personal belongings.

9. Switch off the lights, fans, etc. while leaving the room. Close all water taps after use to avoid water wastage.

10. Any damage to the room furniture/any other hostel/Institute property shall be charged along with the fine from the concerned student.

11. For any problem regarding hostels, contact your Attendant/Manager/Warden/Chief Warden/Principal as the case may be.

12. For use of postal address for communication, students are suggested to mention his/her complete name, father's name, college roll number, hostel number and room number clearly. In the absence of same risk of misplacement of postal delivery is possible.

13. Keeping two/four wheelers is strictly prohibited in hostel/institute premises. Such vehicles must be parked in the parking area near the main gate. Any violation of the rule will result in fine of Rs. 500/-.

14. Every hostler is responsible for damage to the hostel property. Any damage to common items/infrastructure shall be recovered in the form of fine as a whole if guilty is not found.

15. In case of disciplinary action against a student physical presence / undertaking of parents /declared guardian will be valid. Uncles, brothers/sisters/cousins will not be entertained.

16. Parents are advised to keep constant touch with Institute/hostel authorities regarding performance of their wards.

17. Indiscipline of any kind including fighting in the hostel premises will be sternly dealt with and severely penalized.

18. Weapons/rods or any other gadget which can be used as weapons, are not allowed in hostel and any student found keeping weapons shall be liable for expulsion from the hostel as well as the institute. Chief Warden/Warden/Attendant or the Institute authorities can inspect any room at any time without giving prior notice to the students.

19. In case of raid/search by local authorities/police whole responsibility will rest with the student, if found having any type of weapon/ knives / rods or any other gadget which can be used as weapons /drugs / liquor / intoxicants etc. or its kind.

20. Moving the hostel property (bed, chair etc.) from the room is not allowed.

21. Any type of markings on hostel inventory/walls etc. will be treated as an act of indiscipline.

22. The use of any type of electrical appliance like Electric Iron, Heater etc. and use of CD player, deck or heavy music system by the students is strictly prohibited in the hostels.

23. Playing any outdoor game in the hostel premises is strictly prohibited. Any violation will be dealt with strict disciplinary action with a minimum fine of Rs. 2000/- and up to the level of expulsion from the hostel.

24. Student(s) having any chronic/communicable disease(s) are required to bring in the knowledge of hostel authority before taking the hostel.

25. Meetings, seminars, gatherings or any type of celebration will not be permitted in the hostel without prior permission of the Warden/Chief Warden.

26. Students are not allowed go out of the hostel/college after 10.30 PM. They are taking physical as well as legal risk by moving out of hostel campus at their own.

27. Inter-hostel movement at night will be also restricted after 10:30 PM.

28. Students are advised to follow mess/common room/internet room/ TV room timings strictly.

29. Desert coolers/heaters are not allowed in the hostel rooms. A penalty of Rs. 500/- shall be imposed on each resident of the room.

30. Guests / day scholars / outside students are not permitted to reside in the hostel rooms.

31. Students are advised to go to the Institute doctor/dispensary staff for any health problem or go to the authorized doctor only in case of any advised by the Institute doctor/emergency. Hostel Attendant/Manager/Warden/Chief Warden may be contacted in case of emergency.

32. No female guests in the boy's hostels and no male guest in the girl's hostel are allowed beyond visitor's room without the permission of the warden/chief warden.

33. Cell phone/Laptops/Watch and other costly gadgets are not permitted in the hostels, only basic phones can be kept with prior permission of the concerned warden, at hostler own risk/responsibility. No complaint of lost/damage/theft/missing shall be entertained for such items. Misuse of such items shall also be considered serious and guilty will be penalized as per law.

34. Making noise or to keep high volume of the television in the common room shall not be allowed. Television provided in the common room must also be switched off after 10:00 pm. This is to ensure aconducive environment for all hoteliers.

35. In case of any unacceptable behavior by the room-mate/hostler, the other hostler/room-mate must report it to the hostel authorities.

36. Cooking, making tea etc. is not allowed in the hostel rooms.

37. Hostelites are responsible for keeping their rooms and the common areas in the hostel such as visitor's area, bathrooms, stair case, and common room etc. clean and tidy at all times. Assistance of the available sweeper can be taken time to time.

38. Complaints against any student for stealing of things or borrowing/collecting money illegally from his/her mates will be taken seriously. Any violation will be dealt with strict disciplinary action like expulsion from the hostel/institute and may up to the level of legal action.

39. Any hosteler, who finds his /her room-mate missing for more than 24 hours, must report to the Attendant/Manager/Warden/Chief Warden immediately. This is to enable the hostel authorities to take immediate action if any untoward incident had taken place. Cooperation will be appreciated.

40. In case of any emergency, please contact the security guards or call hostel/college authorities. Important telephone numbers are provided at the entrance of each hostel.

41. A student once admitted in the hostel continues to be a hostel inmate throughout the semester (six months), for odd semester: **July/August to December/January,** and for the even semester:January/February to June/July. Hostel fee once paid is not refundable. If one wishes to leave the hostel mid of the session, he/she has also to pay the mess maintenance for the full academic semester.

42. Rules may be amended time to time by the authority, as per requirement.

43. **Ragging in any form in the hostel/institute is illegal and banned as per an act of Govt. of India. All students of the institute are advised to go through the regulations related to RAGGING.**

For Girls Only:

44. Any resident desiring to go out of station or stay outside (with parent/declared guardian only) overnight must take the written permission of the warden. Every leave must be recorded in the leave register and an entry must be made in the register available in the office of the hostel warden before leaving the hostel.

45. Girls may be permitted to go out of college campus (only to Gurdaspur city) for maximum of three hours by entering their name and purpose in the register laying with security staff at the main gate of the college.

46. Entry to the hostel will not be later than 6:30 P.M., adjustable to the weather conditions and as decided by the warden of the girl's hostel. Extension for time can be soughed as per the warden's permission.

47. Entry in the boy's hostel is not permitted.

48. Male guests are not allowed to stay in the girl's hostel.

B. HOSTEL ALLOTMENT RULES

1. The hostel shall be open to regular students on the rolls of the college only.

2. In case shortage of accommodation in the hostel, preference shall be given to the students according to distance of native place.

3. The rooms will be allotted on merit based as per AIEEE/10+2marks/rank and later based on relevant semester results subject to filling the allotment Performa in time, available in the hostel.

4. Every hostler is provided with a chair, table and a bed. (S)he will be responsible for the items given to him/her.

5. On allotment of the room to the student/group of students, they should check for the fixtures andthe furniture in the room and should sign a receipt for the same. The deficiency/damage at the time of handover/leaving the hostel, shall be recovered from him/them.

6. Rooms once allotted, will not be changed without any proper and genuine reason and without permission of the warden.

7. Occupancy of rooms shall be given to the students on the submission following documents:
    i)   No Dues certificate from the previous hostel.
    ii) Copy of hostel fee deposited.
    iii) Copy of mess advance receipt.
    iii) Affidavit from the parent in regard with ragging*
    iv) Affidavit from the student in regard with ragging*

*Non-Judicial stamped paper of Rs.25/- attested by Notary (format available on the Institute website)

8. It is the discretion of the Warden/Chief Warden to allot/not to allot a room/accommodation to the student on the basis of his/her previous record in the hostel/institute.

C. HOSTEL/MESS RULES

1. Mess advance in all hostels will be hostel based only and will not be transferable from one hostel to another. A student can get the refund of mess advance within one years of leaving the hostel/college or adjust it in the final mess bill. After the expiry of this period caution money will be forfeited.

2. Cash fees/bill should be deposited on all working days on or before 2:00 PM positively with the authorized person only. In case of last date of any cash deposit, no cash will be entertained after 2:00 PM and candidate himself/herself is responsible for delay of payment.

3. In case of any cash fees deposit, receipt must be collected and should be kept safe for further use. In case of non- production of receipt student himself/herself will be responsible.

4. Record of diets and extra items used by students are entered by mess manager in diet registers. Students may check the entries of diet register with his/her actual consumption during the same month.

5. Students must dine in their respective hostel messes only.

6. Students are required to come in the hostel mess in a proper dress otherwise a penalty shall be imposed by the hostel authority.

7. Mess manager shall have to be informed at least 24 hours in advance in case a hostler does not want to take meals due to his/her moment to home place. Otherwise messing for the day shall be charged. Permanent off of any type of meal(s) by students are not permitted.The same shall be followed strictly in each Hostel.

8. For guests, diet will be charged as per rules.

9. Mess dues/bills for the month will be put on the notice board of the respective hostel by 4th of the next month and payments should be made by 15th of the month. For the late payment from the 16th to 20th a fine of Rs 100 and from 21st to 30th /31st a fine of Rs. 200/- extra will be imposed, subject to maximum of Rs. 250/- per month, till the bill is paid.

10. The student who fails to pay the mess bill up to two months or whose pending mess bill exceeds to Rs.3000/- shall not be allowed to dine in any hostel mess till he/she pay the bill and expelled from the hostel.

11. Any outsiders will not be allowed to dine in the hostel mess without taking the coupon in advance. Defaulters will be penalized and shall be charged @ Rs.100/- per diet. Any hosteller assisting him/her, will be also penalized accordingly.

12. In case the amount of recovery is more than security/caution money, appropriate legal action will be initiated against the defaulters.

13. Students opted for hostel is assumed to be registered for hostel mess by default.

DISCIPLINE

Discipline builds the character. BCET Gurdaspur gives a special concentration on the discipline, all the students are required to maintain discipline and congenial environment, and cultivate human values among themselves while studying in the institute.

RAGGING

Ragging in any form in the hostel/institute is illegal and banned as per an act of Govt. of India. All students of the institute are advised to go through the regulations related to RAGGING.

Regulation on curbing the menace of Ragging in the Institute
I. Objective:

To root out ragging in all its forms from institute by prohibiting it by law, preventing its occurrence by following the provisions of these regulations and punishing those who indulge in ragging as provided for in these regulations and the appropriate law in force.

II. Definitions: "Ragging" means the following

Any 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 causes or is likelyto cause annoyance, hardship or psychological harm or to raise fear or apprehension there of in a fresher or a junior student or asking the students to do any act or perform something which such student will not 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.

Punishable ingredients of Ragging:

· Abetment to ragging;
· Criminal conspiracy to rag;
· Unlawful assembly and rioting while ragging;
· Public nuisance created during ragging;
· Violation of decency and morals through ragging;
· Injury to body, causing hurt or grievous hurt;

- · Wrongful restraint;
- · Wrongful confinement;
- · Use of criminal force;
- · Assault as well as sexual offences or unnatural offences;
- · Extortion;
- · Criminal trespass;
- · Offences against property;
- · Criminal intimidation;
- · Attempts to commit any or all of the above mentioned offences against the victim(s);
- · Physical or psychological humiliation;
- · All other offences following from the definition of "Ragging".

III. Measures for prohibition of Ragging:

1. The institute will strictly observe the provisions of the act of the central Government and the State Governments, if any, or if enacted, considering ragging as a cognizable offence under the law on a par with rape and other atrocities against women and ill treatment of persons belonging to the SC/ST, and prohibiting ragging in all its forms.
2. Ragging in all its forms shall be totally banned in the entire institute, including its departments, all its premises (academic, residential, sports, canteen etc.) whether located within the campus or outsideand in all means of transportation of students whether public or private.
3. The institute will take strict action against those found guilty of ragging and/or of abetting ragging.

IV. Punishments:

Depending upon the nature and gravity of the offence as established by the Anti-Ragging Committee of the institute, the possible punishments for those found guilty of ragging at the institute level will be anyone or any combination of the following:

1. Suspension from attending classes and academic privileges
2. Withholding/withdrawing scholarship/fellowship and other benefits
3. Debarring from appearing in any test/examination or other evaluation process
4. Withholding results
5. Debarring from representing the institute in any regional, national or international meet, tournament, youth festivals, etc.
6. Suspension/ expulsion from the hostel
7. Cancellation of admission
8. Rustication from the institute for period ranging from 1 to 4 semesters
9. Expulsion from the institute and consequent debarring from admission to any other institute for as pecified period.
10. Fine ranging between Rupees 25,000/- and Rupees 1 lakh
11. Collective punishment: When the persons committing or abetting the crime of ragging are not identified,the institute will resort to collective punishment.

Student / Parents shall give an undertaking (forms available on the Institute website www.bcetgsp.ac.in)before joining the institute.

ACTS OF INDISCIPLINE

The student shall not indulge in such activities amounting to act of indiscipline and misdemeanor such as:

01. Taking out processions and holding demonstration in the campus.
02. Intimidating and threatening any member of BCET family.
03. Defacing the building by writing slogans and pasting bills, damaging the institute property.
04. Disturbing the classes' session, assaulting teachers and students taking examination etc.
05. Keeping in possession any lethal weapon.
06. Rash driving, driving on pedestrian path, triple riding on two wheelers and parallel driving in restrictedareas (institute campus).
07. Keeping mobile phones switched on in the class rooms.
08. Keeping four wheelers by the students.
09. Misuse of Internet facility.
10. Roaming and sitting in and around campus in pairs.
12. Impersonation.
11. Moving in the residential area of faculty/staff without any genuine reason.
13. Any other acts of indiscipline decided by the competent authority not befitting to the presentation of astudent.
12. In case, student(s) is/are fined by institute authorities, student(s) is/are required to deposit the fine(s)within time.
14. Taking two wheelers by students in the academic area
15. Keeping any person in the hostel rooms without permission of the competent authority.

Involvement in any of the above act of indiscipline will be liable to severe disciplinary action like termination of registration in semester/studentship, imposition of fine   conduct probation/deduction of G.P. marks or any other action as deemed fit by the Competent Authority.

Note: The student(s) are evaluated for their general behavior in and out side the institute campus. It is required that every student should follow discipline rules in true spirit.

Sub: Prevention and prohibition of Ragging in technical Institutions, Universities including Deemed to be Universities imparting technical education. F.No.37-3/Legal/AICTE/2009 In exercise of the powers conferred under Section 23 read with Section 10 (b), (g), (p) and (q) of AICTE Act,1987, the All India Council for Technical Education, hereby makes the following Regulations:-

1. **Short title and commencement**
   a) These Regulations may be called the All India Council for Technical Education Prevention and Prohibition of Ragging in Technical Institutions Universities including Deemed to be Universities imparting technical education Regulations
   b) They shall come into force on the date of the notification

2. **Objectives**

In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students, the All India Council for Technical Education,(AICTE) brings forth these Regulations.

3. **Definitions**
a) "Act" means the All India Council for Technical Education Act   of
b) "Technical Institution" means an institution of Government Government Aided and Private self financing conducting the courses programmes in the field of technical education training and research in Engineering Technology including MCA Architecture Town Planning Management Pharmacy Hotel Management Catering Technology Applied Arts and Crafts and such other programmes and areas as notified by the Council from time to time
c) University" means a University defined under clause   of section   of the University Grants Commission Act   and includes an institution deemed to be a University under section   of that Act
d) "Academic year" means the period from the commencement of admission of students in any course of study in the institution up to the completion of academic requirements for that particular year.
e) "Head of the institution" means the Vice-Chancellor in case of a university or a deemed to be university, the Principal or the Director or such other designation as the executive head of the institution or the college is referred.
f) "Fresher" means a student who has been admitted to an institution and who is undergoing his/her first year of study in such institution.
g) Words and expressions used not defined herein but defined in the Act or in the General Clauses Act, 1887, shall have the meanings respectively assigned to them in the Act or in the General Clauses Act, 1887, as the case may be. And
h) All other words and expressions used herein and not defined but defined in the All India Council for Technical Education Act   of shall have the meanings respectively assigned to them in the said Act

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

5. **Measures for prevention of ragging:-**
   It shall be mandatory for every technical Institution, University, deemed to be University imparting technical education to take following measures for prevention of ragging at such institutions.
   a) The advertisement issued for admission by a technical institution, University including Deemed to be University concerned and/or the admission authority/ affiliating University/State Govt./UT/Central Govt. as the case may be, shall clearly mention that ragging is totally banned and anyone found guilty of ragging and/or abetting ragging is liable to be punished.
   b. The 'Prospectus' and other admission related documents shall contain directions of the Supreme Court Affiliating University/admission Authority/State Govt/Central Govt. shall make it mandatory for the institutions under their jurisdiction to compulsorily incorporate such information in their 'Prospectus'. These regulations shall be printed in the brochure of admission/instruction booklet for candidates.
   c. The application form for admission/enrolment shall have a printed affidavit, preferably both in English and Hindi and/or in one of the

regional languages. The affidavit should be filled up and signed by the candidate to the effect that he/she is aware of the law regarding prohibition of ragging as well as the punishments, and that he/she, if found guilty of the offence of ragging and/or abetting ragging, is liable to be punished appropriately.

d. The application form shall also contain a printed affidavit, preferably both in English and Hindi and/or in one of the regional languages and the affidavit should be signed by the parent/guardian of the applicant to the effect that he/she is also aware of the law in this regard and agrees to abide by the punishment meted out to his/her ward in case the latter is found guilty of ragging and/or abetting ragging.

e. The application for admission shall be accompanied by a document along with the School Leaving Certificate/Character Certificate which shall include a report on the behavioral patter of the applicant, so that the institution can thereafter keep intense watch upon the student who has a negative entry in this regard.

f. A student seeking admission to the hostel shall have to submit another affidavit along with his/her application for hostel accommodation that he/she is also aware of the law in this regard and agrees to abide by the punishments meted out if he/she is found guilty of ragging and/or abetting ragging.

g. Every technical institution, University including Deemed to be University imparting technical education shall maintain a proper record of the affidavits obtained to ensure its safe up keep thereof, including digital copies of the affidavits and such digital copy should be made available to the AICTE or to an Agency identified/nominated by AICTE.

h. The AICTE or an Agency identified/nominated for the purpose and affiliating Universities and Directorate of Technical Education of the concerned State Govt./UT shall maintain an appropriate data base of the affidavits in the digital form obtained from every student at the time of admission to the technical institutions, Universities including Deemed to be Universities imparting technical education.

i. Each batch of freshers should be divided into small groups and each such group shall be assigned to a member of staff. Such staff member should interact individually with each member of the group on daily basis to ascertain the problems/difficulties, if any faced by the freshers in the Institution and extend necessary help.

j. In case of freshness admitted to a Hostel it shall be the responsibility of the teacher incharge of the group to co-ordinate with the warden of the Hostel and to make surprise visits to the rooms in the hostel where the members of the group are lodged. Freshers should be lodged in a separate hostel block wherever possible and where such facilities are not available, the college/institution shall ensure that seniors' access to freshers' accommodation is strictly monitored by wardens, Security Guards and Staff.

k. Every institution should engage or seek the assistance of professional counselors at the time of admissions to counsel 'freshers' in order to prepare them for the life ahead, particularly for adjusting to the life in hostels. At the commencement of the academic session the Head of the technical Institution, University including Deemed to be University imparting technical education shall convene and address a meeting of various functionaries/agencies, like Wardens, representatives of students, parents/guardians, faculty, district administration including police, to discuss the measures to be taken to prevent ragging and steps to be taken to identify the offenders and punish them suitably.

l. Every fresher admitted to the technical Institution, University including Deemed to be University imparting technical education shall be given a printed information booklet detailing when and whom he/she has to turn to for help and guidance for various purposes (including Wardens, Head of the institution, members of the antiragging committee, relevant district and police authorities), addresses and telephone numbers of such persons/authorities, etc.

m. The technical institutions, University including Deemed to be University imparting technical education through the information booklet mentioned above shall explain to the new entrants the arrangements for their induction and orientation which promote efficient and effective means of integrating them fully as students.

n. The information booklet mentioned above shall also tell the freshers about their rights as bona fide students and clearly instructing them that they should desist from doing anything against their will even if ordered by the seniors, and that they have nothing to fear as the institution cares for them and shall not tolerate any atrocities against them.

o. The information booklet mentioned above shall contain a calendar of events and activities laid down by the institution to facilitate and complement familiarization of juniors with the academic environment of the institution.

p. To make the community at large and the students in particular aware of the dehumanizing effect of ragging, and the approach of the institution towards those indulging in ragging, big posters (preferably with different colors for the provisions of law, punishments, etc.) shall be prominently displayed on all Notice Boards of all departments, hostels and other buildings as well as at vulnerable places Some of such posters shall be of permanent nature in certain vulnerable places.

q. The technical Institution, University including Deemed to be University imparting technical education shall request the media to give adequate publicity to the law prohibiting ragging and the negative aspects of ragging and the institutions 's resolve to ban ragging and punish those found guilty without fear or favor.

r. The technical Institution, University including Deemed to be University imparting technical education shall identify, properly illuminate and man all vulnerable locations.

s. The technical Institution, University including Deemed to be University imparting technical education shall tighten security in its premises, especially at the vulnerable places. If necessary, intense policing shall be resorted to at such points at odd hours during the early months of the academic session.

t. The technical Institution, University including Deemed to be University imparting technical education shall utilize the vacation period before the start of the new academic year to launch wide publicity campaign against ragging through posters, information booklets, seminars, street plays, etc.

u. The faculties/departments/units of the technical Institution, University including Deemed to be University imparting technical education shall have induction arrangements (including those which anticipate, identify and plan to meet any special needs of any specific section of students) in place well in advance of the beginning of the academic year with a clear sense of the main aims and objectives of the induction process.

v. Mobile Phones and other communication devices may be permitted in residential areas including hostels to provide access to the students particularly freshers, to reach out for help from teachers, parents and Institution authorities.

6. Monitoring mechanism in technical institution, University including Deemed to be University imparting technical education:-

a) Anti-ragging Committee: Every institution University including Deemed to be University imparting technical education shall constitute a Committee to be known as the Anti-ragging Committee to be nominated and headed by the Head of the Institution, and consisting of representatives of civil and police administration, local media, Non Government Organizations involved in youth activities, representatives

of faculty members, representatives of parents, representatives of students belonging to the freshers' category as well as senior students, non-teaching staff; and shall have a diverse mix of membership in terms of level as well as gender.

b) It shall be the duty of the Anti-Ragging Committee to ensure compliance with the provisions of these Regulations as well as the provisions of any law for the time being in force concerning ragging; and also to monitor and oversee the performance of the Anti-Ragging Squad in prevention of ragging in the institution.

c) Anti-Ragging Squad: Every institution University including Deemed to be University imparting technical education shall also constitute a smaller body to be known as the Anti-Ragging Squad to be nominated by the Head of the Institution with such representation as may be considered necessary for maintaining vigil, oversight and patrolling functions and shall remain mobile, alert and active at all times. Provided that the Anti-Ragging Squad shall have representation of various members of the campus community and shall have no outside representation.

d) It shall be the duty of the Anti-Ragging Squad to be called upon to make surprise raids on hostels, and other places vulnerable to incidents and having the potential for ragging and shall be empowered to inspect such places.

e) It shall also be the duty of the Anti-Ragging Squad to conduct an on-the-spot enquiry into any incidents of ragging referred to it by the Head of the institution or any member of the faculty or any member of the staff or any student or any parent or guardian or any employee of a service provider or by any other person, as the case may be; and the enquiry report along with recommendations shall be submitted to the Anti-Ragging Committee for action. Provided that the Anti-Ragging Squad shall conduct such enquiry observing a fair and transparent procedure and the principles of natural justice and after giving adequate opportunity to the student or students accused of ragging and other witnesses to place before it the facts, documents and views concerning the incidents of ragging, and considerations such other relevant information as may be required.

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

g) Monitoring Cell on Ragging:- The State Govt./UT and the affiliating University shall set up a Monitoring Cell on Ragging to coordinate with the institutions to monitor the activities of the Anti-Ragging Committees, Squads , and Mentoring Cells, regarding compliance with the instructions on conducting orientation programmes, counseling sessions, etc., and regarding the incidents of ragging, the problem faced by wardens and other officials, etc. This Cell shall also review the efforts made by such institutions to publicize anti-ragging measures, cross-verify the receipt of affidavits from candidates/students and their parents/guardians every year, and shall be the prime mover for initiating action by the University authorities to suitably amend the Statutes or Ordinances or Bye-laws to facilitate the implementation of anti ragging measures at the level of the institution.

h) The Monitoring Cell shall coordinate with the the institutions, universities including deemed to be universities imparting technical education to achieve the objectives of these Regulations; and the Monitoring Cell shall call for reports from the Heads of institutions in regard to the activities of the Anti-Ragging Committees, Anti-Ragging Squads, and the Mentoring Cells at the institutions, and it shall also keep itself abreast of the decisions of the Anti-Ragging Committees etc.

i) The Monitoring Cell shall also review the efforts made by institutions to publicize anti-ragging measures, soliciting of affidavits from parents/guardians and from students, each academic year, to abstain from ragging activities or willingness to be penalized for violation; and shall function as the prime mover for initiating action for amending the Statues or Ordinances or Bye-laws to facilitate the implementation of anti-ragging measures at the level of the institution.

7. **Action to be taken against the Principal or the Head of the Institution/Faculty Members/Non-Teaching staff of technical institution, Universities including Deemed to be Universities imparting technical education.**

a. The Head of the Institution along with other administrative authorities should take adequate measures for prevention of ragging. Any lapse on the part of these authorities shall make them liable for criminal action for negligence of duty. The technical Institution, University including Deemed to be University imparting technical education should incorporate a clause in their letter of appointment that the Director, Faculty and other administrative Heads should ensure all possible steps for prevention of ragging in the premises of the educational institutions, and that they are liable for action, in case of non-compliance.

b. The Principal or Head of the Institution/Department shall obtain an affidavit from every employee of the Institution including teaching/non-teaching staff, contract labor employed in the premises either for running canteen or as watch and ward staff or for cleaning or maintenance of the building, lawns etc. that he/she would report promptly any case of ragging which comes to his/her notice. A provision shall be made in the service rules for issuing certificates of appreciation to such members of the staff who report ragging which will form part of their service records.

c. Departmental enquiries shall be initiated, in addition to penal consequences against such heads of the Institution/Faculty members/non-teaching staff who display an apathetic or insensitive attitude towards complaints of ragging and would not take timely steps in the prevention of ragging and punishing those who rag.

d. The Principal or the Head of the Institution/Faculty Members/Non-Teaching staff, if found negligent in taking necessary measures for ensuring safety of students and preventing the ragging would be declared unfit for holding any post in any technical institution, University including Deemed to be University imparting technical education.

8. **Actions to be taken against students for indulging and abetting ragging in technical institutions Universities including Deemed to be University imparting technical education:-**

a. The punishment to be meted out to the persons indulged in ragging has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents.

b. Every single incident of ragging a First Information Report (FIR) must be filed without exception by the institutional authorities with the local police authorities.

c. The Anti-Ragging Committee of the institution shall take an appropriate decision, with regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging.

d. a) Depending upon the nature and gravity of the offence as established the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:-

i) Cancellation of admission
ii) Suspension from attending classes
iii) Withholding/withdrawing scholarship/fellowship and other benefits
iv) Debarring from appearing in any test/examination or other evaluation process
v) Withholding results
vi) Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
vii) Suspension/expulsion from the hostel
viii) Rustication from the institution for period ranging from 1 to 4 semesters
ix) Expulsion from the institution and consequent debarring from admission to any other institution.
x) Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers.

b) An appeal against the order of punishment by the Anti-Ragging Committee shall lie,
   i. In case of an order of an institution, affiliated to or constituent part, of the University, to the Vice-Chancellor of the University;
   ii. In case of an order of a University, to its Chancellor.
   iii. In case of an institution of national importance created by an Act of Parliament, to the Chairman or Chancellor of the institution, as the case may be.

5. The institutional authorities shall intimate the incidents of ragging occurred in their premises along with actions taken to the Council form time to time.

9. Action to be taken against the technical Institution, University including Deemed to be University imparting technical education which fail to take measures for prevention of ragging :-

a. Role of the concerned technical institutions, Universities including Deemed to be Universities imparting technical education shall be open to scrutiny for the purpose of finding out whether they have taken effective steps for preventing ragging and action taken against provision indulged and/or abetting ragging. The Council shall constitute Committees to inspect technical institutions, Universities including Deemed to be Universities imparting technical education to verify the status of anti ragging measures and to investigate specific instances of ragging and take appropriate action.

b. The technical Institution, University including Deemed to be University imparting technical education should submit an affidavit along with its compliance report submitted to AICTE annually with details of measures taken for prevention of ragging in technical institutions. The Compliance Report should also contain the details of the instances of ragging and action taken against students, and others for indulging and abetting ragging.

c. All Letters of Approval issued by AICTE such as extension of approval letters, letters issued for additional courses/increase in intake and letters issued for new technical institutions, release of grants, letters of approval issued to integrated campus, second shift etc. shall contain a specific clause of prevention of ragging.

d. The AICTE shall, in respect of any institution that fails to take adequate steps to prevent ragging or fails to act in accordance with these Regulations or fails to punish perpetrators or incidents of ragging suitably, take one of more of the following measures, namely;
   i. No admission/Withdrawal of approval granted under section 10(k) of AICTE Act.
   ii. Withholding any grant allocated.
   iii. Declaring the institution ineligible for consideration for any assistance under any of the general or special assistance programmes of the AICTE.
   iv. Informing the general public, including potential candidates for admission, through a notice displayed prominently in the newspapers or other suitable media and posted on the website of the AICTE, declaring that the institution does not possess the minimum academic standards.
   v. Taking such other action within its powers as it may deem fit and impose such other penalties as may be provided in the Act for such duration of time as the institution complies with the provisions of these Regulations.

e. As regards the Universities including Deemed to be Universities imparting technical education the actions proposed to be taken such as stopping release of grants, withdrawal of approval/recognition will be sent to University Grants Commission (UGC), Ministry of Human Resource Development (MHRD), Govt. of India and the concerned State Govt./UT. The UGC, MHRD Govt. of India, and the State Govt./UT concerned shall initiate immediate action on the recommendations of the Council.

10. Duties and Responsibilities of the All India Council for Technical Education:-

a) All India Council for technical Education, or the Central Government or the agency authorized for the purpose shall establish, fund and operate, a toll-free Anti-Ragging Helpline, operational round the clock, which could be accessed by students in distress owing to ragging related incidents.

b) Any distress message received at the Anti-Ragging Helpline shall be simultaneously relayed to the Head of the Institution, the Warden of the Hostels, the Nodal Officer of the affiliating University, if the incident reported has taken place in an institution affiliated to a University, the concerned District authorities and if so required, the District Magistrate, and the Superintendent of Police, and shall also be web enabled so as to be in the public domain simultaneously for the media and citizens to access it.

c) The Head of the institution shall be obliged to act immediately in response to the information received from the Anti-Ragging Helpline as at sub-clause (b) of this clause.

d) The telephone numbers of the Anti-Ragging Helpline and all the important functionaries in every institution, Heads of institutions, faculty members, members of the anti-ragging committees and anti- ragging squads, district and sub-divisional authorities and state authorities, Wardens of hostels, and other functionaries or authorities where relevant, shall be widely disseminated for access or to seek help in emergencies.

f) The All India Council for technical Education, the Central Government or the agency authorized for the purpose shall maintain an appropriate data base to be created out of affidavits, affirmed by each student and his/her parents/guardians and stored electronically by the institution; and such database shall also function as a record of ragging complaints received, and the status of the action taken thereon.

g) The All India Council for Technical Education, the Central Government or the agency authorized for the purpose shall make available the database to a non-governmental agency to be nominated by the Central Government, to build confidence in the public and also to provide

information of non compliance with these Regulations to the Councils and to such bodies as may be authorized by the All India Council for Technical Education/Central Government.

11. The All India Council for Technical Education shall take the following regulatory steps, namely;

a) The All India Council for Technical Education shall make it mandatory for the institutions to incorporate in their prospectus, the directions of the Central Government or the State Level Monitoring Committee with regard to prohibition and consequences of ragging, and that non-compliance with these Regulations and directions so provided, shall be considered as lowering of academic standards by the institution, therefore making it liable for appropriate action.

b) The All India Council for Technical Education shall verify that the institutions strictly comply with the requirement of getting the affidavits from the students and their parents/guardians as envisaged under these Regulations.

c) The All India Council for Technical Education shall include a specific condition in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the All India Council for technical Education, that the institution has complied with the anti-ragging measures.

d) Any incident of ragging in an institution shall adversely affect its accreditation, ranking or grading by National Board of Accreditation or by any other authorised accreditation agencies while assessing the institution for accreditation, ranking or grading purposes.

e) The All India Council for Technical Education shall constitute an Inter-Council Committee, consisting of representatives of the various Councils, the Non-Governmental agency responsible for monitoring the database maintained by the All India Council for technical Education/Central Government and such other bodies in higher education, to coordinate and monitor the anti-ragging measures in institutions across the country and to make recommendations from time to time; and shall meet at least once in six months each year.

f) The All India Council for Technical Education shall institute an Anti-Ragging Cell within the AICTE as an institutional mechanism to provide secretarial support for collection of information and monitoring, and to coordinate with the State Level Monitoring Cells and University Level Committees for effective implementation of anti-ragging measures, and the Cell shall also coordinate with the Non-Governmental agency responsible for monitoring the database maintained by the All India Council for technical Education/central Government.

(Member Secretary)

RTI CELL

S. No.	Name	Designation	Remarks
1	Dr. T.S. Sidhu	Appellate Authority	Director Beant College of Engineering Tech. Gurdaspur
2	Sh. Sukhbir Singh Sahota	Public Information Officer	Associate Professor Beant College of Engineering Tech. Gurdaspur

GRIEVANCE REDRESSAL CELL

Name	Designation	Concact Number	E-mail ID
Sh. A.K Sharma (Retired Session Judge)	Ombudsman		
Sh. Arpinder Singh	Chief Counselor	9646020532	singh_arpinder@yahoo.com
Dr. Ranjit Singh	Dean Academics	8872457733	rsolar70@gmail.com
Dr. Gurpadam Singh	Dean Students Welfare	9464106036	gurpadam@yahoo.com
Dr. Rakesh Dogra	Dean Faculty	9872150166	drdogra@yahoo.com
Dr. Harish Pungotra	Chief Warden	8872733343	pungotra11@yahoo.co.in
Sh. Anil Sagar	Principal Diploma Wing	9888748851	saganil5551@yahoo.com
Sh. Deepak Kaila	Incharge College Website	9878616801	me_deepakkaila@rediffmail.com

Anti-Sexual Harassment Committee

1. Dr.(Mrs.) Anju Awasthi, Associat Professor : Chairperson
2. Mrs. Neetu, Associat Professor : Member
3. Mrs. Anita Suman, Associat Professor : Member
4. Mrs. Prabhjot Kaur, Asst. Librarian : Member
5. Mrs. Rajwinder Kaur : Member Secretary

ESSENTIAL COMMITTEES

Constitution of Anti Ragging Committees as per guidelines of AICTE, New Delhi

(AICTE File No: 37-3/Legal/AICTE/2009)

As per the directions of AICTE File No: 37-3/Legal/AICTE/2009, following anti-ragging concerned committees are constituted in the institution:

ANTI-RAGGING COMMITTEE 2020-2021

1.	Dr. T. S. Sidhu, Director, BCET Gurdaspur	Chairman	8872916665
2.	Sh. Anupam Gupta, Advocate, Punjab and Haryana High Court, Chandigarh	Member Legal	9814012768
3.	Deputy Commissioner or his nominee	Member Civil Administration	01874247500
4.	SSP or his nominee	Member Police Administration	01874241173
5.	Sh. Vinod Gupta, Journalist, "Punjab Kesari"	Member Media	9814114566
6.	Sh. Ramesh Mahajan, President, De-Addiction Society, Gurdaspur	Member NGO involved in youth activities	9814577709
7.	Dr. Harish Pungotra, Chief Warden	Member	8872733343
8.	Dr. Jagdev Singh, HOD, Mech. Engineering	Member	8872053020
9.	Dr. Ajay K. Dogra, HOD, CSE	Member	9914318148
10.	Sh. Gureshpal Singh, HOD, IT	Member	8146222265
11.	Dr. Jaswinder Singh, HOD, ECE	Member	9463430078
12.	Dr. S. K. Srivastva, HOD, Applied Sc, H M	Member	9855968325
13.	Dr. Anil Kumar, HOD, CE	Member	9417286270
14.	Sh. Baljeev Kumar, HOD, BSc. Agri.	Member	9417198711
15.	Sh. Promod K. Yadav, HOD, CHE BT	Member	8837663521
16.	Sh. Anil Sagar, Principal Diploma Wing	Member	9888748851
17.	Sh. Balwant Singh, Coordinator, Central WS	Member	9855341009
18.	Sh. Raj Kumar, Clerk	Member, Non-Teaching	8725817770
19.	Mr. Saksham Abrol, ME 3rd Year	Member Student	7087129103
20.	Ms. Abhilasha Rani, CSE 3rd Year	Member Student	7006779023
21.	Mr. Gurmit Singh (Parent of Mr. Gurwinder Singh)	Member, Parent	9592120955
22.	Ms. Kamaljit Kaur (Parent of Mr. Charanjot Singh)	Member Parent	8968925554

Roles Responsibilities of Anti Ragging Committee:

1. To ensure compliance with the provisions of AICTE regulations as well as the provisions of any law for the time being in force concerning ragging.

2. Monitor and oversee the performance of Anti Ragging Squad in prevention of ragging in the institution.

Anti-Ragging Squad 2020-21

1.	Dr. Harish Pungotra, Chief Warden	Chairman	8872733343
2.	Dr. Vijay Kumar, Warden Hostel No. 1 2	Member	9779708010
3.	Dr. Sanjeev Kumar, Warden Hostel No. 3 4	Member	9463086166
4.	Ms. Mandeep Kaur, Warden Hostel No. 5	Member	9041130903
5.	Dr. Sarbjeet Singh, ME	Member	9814888828
6.	Sh. Parveen Kumar, ECE	Member	9417115646
7.	Sh. Sukhbir Singh, CSE	Member	9888501582
8.	Sh. Baljinder Singh, IT	Member	9878692288
9.	Dr. Seema, CHE	Member	9463211091
10.	Sh. Surinder Singh, Central WS	Member	8146072255
11.	Sh. Baljeev Kumar, CHE	Member	9417198711
12.	Ms. Neetu, ECE	Member	9872204441

Roles Responsibilities of Anti Ragging Squad:

1. Make surprise visits, raids on hostels and other places vulnerable to incidents and having potential for ragging and shall be empowered to inspect such places.

2. Conduct an on-the-spot enquiry into any incidents of ragging referred to it by the Head of the institution, Faculty, Staff member, students, parents or guardian of students.

3. Observing a fair and transparent procedure and the principles of natural justice after giving adequate opportunity to the students accused of ragging and other witnesses to place before it the facts, documents and views concerning the incidents of ragging and consider such relevant information as may be required.

Ragging Monitoring Cell 2020-2021

1.	Dr. O. P. Singh	Professor, ME	9877615908
2.	Dr. S. K. Gupta	Professor, CSE	7837122801
3.	Dr. R. C. Gangwar	Professor, CSE	9464248959
4.	Sh. Arpinder Singh	Associate Professor, Computer Centre	9646020532
5.	Dr. Arvind Sharma	Professor, Applied Sc, H M	8847549049
6.	Dr. N.S. Kalsi	Professor, ME	8872500370
7.	Dr. Gurpdam Singh	Associate Professor, ECE	9914106036
8.	Dr. Seema Jindal	Assistant Professor, CHE	9463211091

Roles Responsibilities of Monitoring Cell:

1. Monitor the activities of Anti Ragging.

2. Conducting orientation programme, counseling sessions regarding the incident of ragging.

3. Review the efforts made by the institution to publicize Anti Ragging measures.

4. Cross verify the receipt of affidavits from the students and their parents and shall be the prime mover for initiating action by the university authorities to suitably amend the ordinances to facilitate the implementation of Anti Ragging measures at the level of institutions.

AFFIDAVIT BY THE STUDENT (Common for all)

I, _____(full name of student)
S/o D/o Mr./Mrs./Ms._____, having been admitted to
Beant College of Eng. Tech., Gurdaspur, have received a copy of the AICTE Regulations on Curbing the
Menace of Ragging in Higher Education Institutions, 2009, (hereinafter called the "Regulations") carefully
read and fully understood the provisions contained in the said Regulations.

2) I have, in particular, perused clause 3 4 of the Regulations and am aware as to what constitutes ragging.

3) I have also, in particular, perused clause 8 of the Regulations and am fully aware of the penal and
administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging,
ctively or passively, or being part of a conspiracy to promote ragging.

4) I hereby solemnly aver and undertake that
   a) I will not indulge in any behaviour or act that may be constituted as ragging under clause 3 4 of the
   Regulations.
   b) I will not participate in or abet or propagate through any act of commission or omission that may be
   constituted as ragging under
   clause 3 4 of the Regulations.

5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 8 of the
Regulations, without prejudice to any other criminal action that may be taken against me under any penal
law or any law for the time being in force.

6) I hereby declare that I have not been expelled or debarred from admission in any institution in the country
on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and
further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to
be cancelled.
Declared this _____ day of _____ month of _____ year.

_____
Signature of deponent
Name:
Address:
Telephone/Mobile No.

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is
false and nothing has been concealed or misstated therein
Verified at __(place)__ on this the ____(day)___ of ____(month)___, _(year)

_____
Signature of deponent

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

NOTARY/ OATH COMMISSIONER

Ragging is prohibited as per the decision of the Supreme Court of India in Writ Petition No. (C) 656/1998

AFFIDAVIT BY PARENTS/GUARDIAN(Common for all)

I, Mr./Mrs./Ms. _____ (Full name of parents/Guardian) father/mother/guardian of, _____(full name of the student with admission/registration/enrolment number)__, having been admitted to (name of the institution), have received a copy of the AICTE Regulations on Curbing the Menace of Ragging in Higher Education Institutions, 2009, (hereinafter called the "Regulations"), carefully read and fully understood the provisions contained in the said Regulations.

2)   I have, in particular, perused clause 3 4 of the Regulations and am aware as to what constitutes ragging.

3)   I have also, in particular, perused clause 8 of the Regulations and am fully awar of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of aconspiracy to promote ragging.

4)   I hereby solemnly aver and undertake that

    a)   My ward will not indulge in any behaviour or act that may be constituted as ragging under clause 3 4 of the Regulations.

    b)   My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 4 of the Regulations.

5)   I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 8 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.

6)   I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward

    Declared this _____ day of _____ month of _____ year.

                                     _____
Signature of deponent
Name:
Address:
Telephone/Mobile No.:Address:

Telephone/Mobile No. :

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein. Verified at __(place)__ on this the ____(day)___ of ____(month)___, _(year).

                                     _____
Signature of deponent

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

NOTARY/ OATH COMMISSIONER

Ragging is prohibited as per the decision of the Supreme Court of India in Writ Petition No. (C) 656/1998

AFFIDAVIT BY THE STUDENT (for hostellers in addition to common affidavit)

I, _____(full name of student with admission/regulations/enrolment number)

S/o   D/o   Mr./Mrs./Ms._____, havingbeen admitted to _____(name of the Institution)_____, and wish to stay in the college hostel. I have received a copy of the AICTE Regulations on Curbing the Menace of Ragging in Higher Education Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.

2)   I have, in particular, perused clause 3 4 of the Regulations and am aware as to what constitutes ragging.

3)   I have also, in particular, perused clause 8 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

4)   I hereby solemnly aver and undertake that

   a)   I will not indulge in any behaviour or act that may be constituted as ragging under clause 3 4 of the Regulations.

   b)   I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 4 of the Regulations.

5)   I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 8 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.

6)   I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.
   is liable to be cancelled.

7)   I shall obey all the hostel rules.

Declared this _____ day of _____ month of _____ year.

_____
Signature of deponent
Name:
Address:
Telephone/Mobile No.:

VERIFICATION

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

Verified at __(place)__ on this the ____(day)___ of ____(month)___, _(year).

_____
Signature of deponent

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

NOTARY/ OATH COMMISSIONER

Ragging is prohibited as per the decision of the Supreme Court of India in Writ Petition No. (C) 656/1998

AFFIDAVIT BY PARENTS/GUARDIAN (for hostellers in addition to common affidavit)

I, Mr./Mrs./Ms. _____ (Full name of parents/Guardian) father/mother/guardian of, _____(full name of the student with admission/registration/enrolment number)__, having been admitted to _____(name of the institution)_____, and him/her wish to stay in the college hostel.

I have received a copy of the AICTE Regulations on Curbing the Menace of Ragging in Higher Education Institutions, 2009, (hereinafter called the "Regulations"), carefully read and fully understood the provisions contained in the said Regulations.

2) I have, in particular, perused clause 3 4 of the Regulations and am aware as to what constitutes ragging.

3) I have also, in particular, perused clause 8 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

4) I hereby solemnly aver and undertake that
   a) My ward will not indulge in any behaviour or act that may be constituted as ragging under clause 3 4 of the Regulations.
   b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 4 of the Regulations.

5) I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 8 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.

6) I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.

7) He/She shall obey all the hostel rules.

Declared this _____ day of _____ month of _____ year.

_____
Signature of deponent
Name:
Address:
Telephone/Mobile No. :

VERIFICATION

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

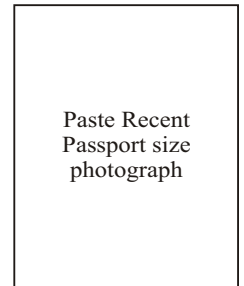Verified at __(place)__ on this the _____(day)____ of _____(month)____, _(year).

_____
Signature of deponent

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

NOTARY/ OATH COMMISSIONER

Ragging is prohibited as per the decision of the Supreme Court of India in Writ Petition No. (C) 656/1998

Beant College of Engineering Technology, Gurdaspur
APPLICATION FORM FOR ALLOTMENT OF ROOM IN BOYS HOSTEL

1. Name_____
2. Father's Name_____
3. Contact Number (Personal)_____
4. Contact Number (Parents)_____
5. JEE Roll No_____
6. JEE Rank (AIR)_____
7. JEE Rank (State)_____
8. 10+2 Marks (%)_____
9. E-mail_____
10. Contact Address_____
_____
_____
11. Course
(Diploma/B.Tech./M.Tech/M.Sc..)_____
12. Branch_____

Paste Recent
Passport size
photograph

UNDERTAKING

I hereby undertake that:

1. The information provided by me is true to the best of my knowledge and if found incorrect anytime, then my hostel allotment may be cancelled.
2. I am bound to obey the hostel rules amended time to time by competent authority.
3. I shall take all the meals (breakfast/lunch/dinner) in the hostel mess for the duration of allotment of the room in the hostel.
4. I shall never indulge in any kind of nuisance/indicipline/misconduct/quarrls/ragging etc with anyone in the hostel/college.
5. I shall never cause any loss to hostel/college property and will be responsible for fittings and furniture in the hostel room.
6. I shall pay the mess bill in time span, otherwise shall be liable to pay the fine as imposed.
7. I shall never call or allow to stay the outsiders in my room.
8. I am bound to obey the hostel timing.
9. I shall not change room allotted to me without the written permission of the hostel warden.

(Signature of the Student)

Room Allotted……………………………..

(Signature of the Hostel Authority)

I ACCEPT THE ROOM ALLOTTED AS ABOVE.
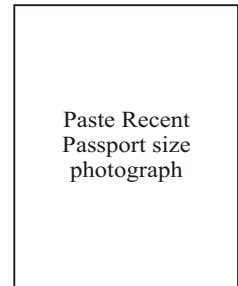
Mess advance Receipt No.……..…......................….dated…………...................…...Amount (Rs.)……..........…..…................

Item Received in the room:

Bed	Chair	Table	Fan	Bulb Holder	Window Glass	Any other

(Signature of the Student)

Beant College of Engineering Technology, Gurdaspur
APPLICATION FORM FOR ALLOTMENT OF ROOM IN GIRLS HOSTEL

1. Name_____
2. Father's Name_____
3. Contact Number (Personal)_____
4. Contact Number (Parents)_____
5. JEE Roll No_____
6. JEE Rank (AIR)_____
7. JEE Rank (State)_____
8. 10+2 Marks (%)_____
9. E-mail_____
10. Contact Address_____
_____
_____
11. Course (B.Tech./Diploma/M.Sc.)_____
12. Branch_____

Paste Recent Passport size photograph

UNDERTAKING

I hereby undertake that:

1. The information provided by me is true to the best of my knowledge and if found incorrect anytime, then my hostel allotment may be cancelled.
2. I am bound to obey the hostel rules amended time to time by competent authority.
3. I shall take all the meals (breakfast/lunch/dinner) in the hostel mess for the duration of allotment of the room in the hostel.
4. I shall never indulge in any kind of nuisance/indiscipline/misconduct/quarrels/ragging etc. with anyone in the hostel/college.
5. I shall never cause any loss to hostel/college property and will be responsible for fittings and furniture in the hostel room.
6. I shall pay the mess bill in time span, otherwise shall be liable to pay the fine as imposed.
7. I shall never call or allow staying the outsiders/day scholar in my room.
8. I am bound to obey the hostel timing.
9. I shall not change room allotted to me without the written permission of the hostel warden.
10. I hereby undertake that I will meet only the blood related guardians in the hostel premises. Prior permission of the Warden will be taken to stay with the local guardians in extreme emergency cases, as named below in the undertaking furnished by my parents.

(Signature of the Student)

UDERTAKING TO BE SIGNED BY THE PARENTS/GUARDIANS

Certified that the particular as given above by my ward are correct. The following named persons may be permitted to meet my daughter in the Hostel permises during the visiting hours:

S. NO.   NAME   RELATION   ADDRESS   SPECIMEN SIGNATURE   PHOTO
1.

2.

3.
My ward may be permitted to travel by night Train/Bus, I hold the full responsibility for the same. YES / NO……...……………..

(Signature of the Parent/Guardian)

(Signature of the Hostel Authority)

Room Allotted…………………………..

I ACCEPT THE ROOM ALLOTTED AS ABOVE.
Mess advance Receipt No…………...........dated…...............……….Amount (Rs.)..........................…….Item Received in the room:

Bed	Chair	Table	Fan	Bulb Holder	Window Glass	Any other

(Signature of the Student)