



# *INFORMATION BROCHURE*

**BIPIN TRIPATHI**  
**KUMAON INSTITUTE OF TECHNOLOGY, DWARAHAT**  
**An Autonomous Institution Of Government Of Uttarakhand**

## **INTRODUCTION**

Bipin Tripathi Kumaon Institute of Technology is an autonomous Institute in the state of Uttarakhand established by the then Government of Uttar Pradesh in year 1991 and registered in 1989 as an autonomous society of State Government under Societies Act 1956.

The Institute is fully financed by the State Government and managed by the Board of Governors with Honorable Minister of Technical Education as Chairman and Secretary, Technical Education as Vice-Chairman. The Director of the Institute is the Member Secretary of the Board of Governors. The courses of the institute are affiliated to Uttarakhand Technical University, Dehradun.



The Institute is spread over an area of 155 acres at an altitude of 1450 meters. A quiet and congenial, hilly, beautiful and pollution free environment with a picturesque view is surrounding the campus. The summer is normally pleasant with a maximum temperature of about 30°C for a few weeks and for rest of the time, weather remains cool with occasional snowfall in January and February months.

**Vision:-**Leading Towards Pinnacle, to impart excellent technical education and conduct state of the art research and innovations in emerging technologies benefiting the people of the hilly region.

**Mission:-** Engineering new highs to be the leader in technology dissemination, producing world class technocrats and entrepreneurs with a zeal to be lifelong learners meeting the challenges of 21th Century.

## From Director's Desk

Engineering education is the most sought after higher education in the country. The cream of the youth of the society aspires to become engineer/technologist. Therefore, I congratulate all those who could come out with flying colors in the highly competitive entrance examination of JEE (MAINS). On behalf of Bipin Tripathi Kumaon Institute of Technology family(formally KEC), I, welcome all the newly admitted students who have been admitted to



the first year of the four years B.Tech program, three years MCA program, two year M.Tech program and B. Tech/ MCA (lateral entry) program at Bipin Tripathi Kumaon Institute of Technology, Dwarahat.

The college came into existence in 1991 with two disciplines i.e. Electronics & Communication Engineering and Computer Science & Engineering and now it has entered in its second phase with the addition of two graduate engineering programs i.e. Mechanical Engineering and Biochemical Engineering and one post graduate program i.e. Masters of Computer Applications and in its third phase with the addition of three graduate engineering programs i.e. Electrical Engineering, Civil Engineering and Chemical Engineering and three post graduate (M. Tech) program i.e. in Thermal Engineering, Computer Science & Engineering and Digital Communication. Apart from this for overall personality development, the institute have state of art infrastructural facilities like hostels, staff residential campus, departmental buildings, student's activity club and multipurpose hall etc.

Alumni Association has been revived. Various hobby centers are already in place. Alumni frequently visit the institute and motivate the students regarding study and placement .

An atmosphere conducive to learning and all-round personality development of the students is being created in the institute. Emphasis is being laid on self discipline & mutual respect.

## Applied Sciences Department

The Applied Sciences Department is an allied department which serves as a bedrock for the engineering departments of the Institute. The department particularly caters to the needs of first year engineering students. It comprises of the disciplines of Physics, Chemistry, Mathematics, Professional Communication and Management. The faculty members are experts in their respective fields and provide students with a solid background for their future. The department consists of laboratories that are fully-equipped and well maintained. These laboratories not only enhance the practical skills, but also strengthen the theoretical concepts.

The Department has competent and knowledgeable faculty and well equipped laboratories as:

### Department laboratories

- **Chemistry Lab**
- **Professional Communication Lab**
- **Physics Lab**

## Biochemical Engineering Department

Biochemical Engineering Department started in 1999 with the vision to explore the rich heritage and biodiversity of the hilly region. The initial intake of students was 30, which was later increased to 60 in 2010. BTKIT is the only college in state imparting Biochemical Engineering course. The department shines for excellence in creating, applying and imparting knowledge in Applied Biological Sciences, Chemical Engineering, Genetic engineering and Fermentation technology.

Forums like BETA are active which help students to improve their soft as well as technical skills, and facilitate them to outshine in outer world. The students have constantly proven their excellence in different academic, research and industrial organizations in India and abroad.

### Department laboratories

- Microbiology lab
- Biochemistry Lab
- Chemical Engineering Operations Lab
- Genetic Engineering Lab
- Fermentation Lab
- Waste Water Analysis Lab
- Bio Process Engineering Lab
- Bio Separations Lab
- Instrumental Analysis Lab
- Bioseparation process lab

## Chemical Engineering Department

The Chemical Engineering Department was established in 2010 with an intake 60 seats. This department includes all important aspects of Chemical Engineering & lays emphasis to facilitate students to improve their practical knowledge in different subjects .

The Chemical Engineering Department is in its developing phase and offers the B. Tech. program. The department includes all important aspects of chemical engineering & lays emphasis to facilitate students to improve their practical knowledge in different subjects. It gives an elaborate description of all the unit operations & processes used in chemical engineering.

### Department laboratories

- Fluid Flow Operations
- Heat Transfer Operations
- Chemical Reaction Engineering
- CAD
- Energy Resources & Utilization
- Process Dynamics & Instrumentation
- Mechanical Operations
- Mass Transfer Operations
- Industrial Pollution & Control
- Chemical Technology

## Civil Engineering Department

The Civil Engineering Department was established in 2009 offering B. Tech. undergraduate courses with an intake of 30 students. With the growing demand in the market a need was felt to increase the seats up to 60 in 2010. Every year we manage to give technically sound bright engineers to shape the globe with their desires.

The department has pledged to install the wings of growth to real estate by producing the yellow headed professionals promising to lay the foundation with mortar of change. The department has kept the pace with latest technologies and undoubtedly faculty has left no stone unturned to impart the ultimate knowledge to all young genius.

The students are fed with software as well as practical Designing & Analysis to help them learn more efficiently. Department has CAD, ANSYS, STAD, REVIT and some of the labs have been developed are:

### Department laboratories

- Fluid Mechanics Lab
- Hydraulics Lab
- Geology Lab
- Geotechnical Engineering Lab
- Transportation Lab
- Soil Mechanics Lab
- Structures Lab
- Survey Lab
- Graphics Lab
- Concrete Lab
- Building Material & Construction Lab

## Computer Science & Engineering Department

The Computer Science & Engineering Department was established in 1991 with an intake of 20 seats. And Increase in intake strength from 20 to 30 in year 1992, further increase in seats from 30 to 60 in year 1998. The department has highly experienced faculties that trains student in different software and hardware.

The department is accredited by NBA-AICTE in 2010.

The department also run Masters program i.e. in Master of Computer Application from 2001 with an intake 40 seats and increase in seats from 40 to 60 in year 2010. The students have to take 36 courses along with the personnel and inter-personal effectiveness lab and industry training during the sixth semester. The department of MCA is devoted for quality learning through learning.

The department also provide Specialization in Master of Technology Computer Science Engineering from 2010 with an intake of 18 students. Admission in M. Tech Program is through valid GATE score.

**Computer Centre:** The Department has excellent Central Computer Facility Centre consisting of about 5 servers & 450 Machines, Various types of Printers, scanners etc. Latest & required software are loaded on the Servers & Computers hence is catering the need of following laboratories.

### Department laboratories

- CISCO
- ORACLE
- Microsoft
- UNIX & Shell Programming
- Data Structure & Algorithm
- Computer Architecture
- Parallel Computing
- Open Source
- Fundamental of computer programming
- Project Lab



## Electrical Engineering Department

Electrical Engineering Department was started with intake of 30 seats in the year 2009, further increased the intake from 30 to 60 in 2010. The department is facilitated by well equipped laboratories and furnished classrooms which impart technical knowledge along with the theoretical concepts. The department also impart technical knowledge and new age advancements through smart class. The department is blessed with the guidance of experienced and knowledgeable faculty.

The department is working judiciously to change this globe into a fine base of technologies advancements that world has never experienced before.

### Department Laboratories

- Basic Electrical Engineering Lab
- Microprocessor Lab
- Electrical Machines Lab
- Simulation Lab
- Power Electronics Lab
- Power Systems Lab
- Control Systems Lab
- Electrical Measurement & Instrumentation Lab

## **Electronics & Communication Engineering Department**

The Electronics and Communication Engineering Department provides undergraduate course as well as enrolls students for post graduate course. The department started UG course with an initial intake of 20 seats in 1991 and Increase in intake strength from 20 to 30 in the year 1992, further increase in seats from 30 to 60 in year 1998. Electronics and Communication Engineering Department is accredited by NBA-AICTE in 2007. By the time of 2010 its seats reached to 120.

The department also provides M. Tech. course in the specialization of Digital Communication since 2011 with an intake of 18 seats to serve as the future professionals with ultimate wisdom and knowledge.

The department is like a constellation with its faculty and students holding hands together since inception of this college, sparkling edges of the corporate world. The department also actively participates in various R&D programs.

### **Department Laboratories**

- **Electronic Devices Lab**
- **Analog Communication Lab**
- **Digital Electronics Lab**
- **Digital Communications Lab**
- **Digital Signal Processing Lab**
- **Microwave Engineering Lab**
- **Virtual Instrumentation Lab**
- **Microprocessor Lab**
- **Fundamentals of electronic circuits**
- **Electronic Measurement & Instrumentation Lab**
- **Fiber Optical Communications Lab**
- **Electronic Workshop & PCB Lab**
- **Basic electronics Lab**
- **Analog Integrated Circuit Lab**
- **VLSI Design Lab**
- **Embedded Lab**

## Mechanical Engineering Department

The Mechanical Engineering Department came into its existence in 1998 with a mission to impart knowledge, both theoretical and practical, so as to enable the students to take on industrial challenges and served as catering department to other disciplines. The department started offering undergraduate program leading to four year Bachelor of Engineering (B.E.) degree (affiliated with Kumaon University, Nainital) in Mechanical Engineering in the year 1998. The first batch was started with an intake of 30 students which has now been enhanced to 60 students from the session 2010-2011. Presently, the department is offering B. Tech. and M. Tech programs (affiliated with Uttarakhand Technical University, Dehradun). Emphasis is being laid on taking up innovative research and quality education.

The department is advancing towards the frontiers in the field of Mechanical Engineering. Department encompasses expertise in Solid Mechanics and Engineering Design, Fluid and Thermal Sciences and Manufacturing Processes and Systems.

The department modernizes its various laboratories with the induction of the state-of-art equipments time to time.

### Department Laboratories

- Engineering Mechanics Lab
- Mechanical Engineering Lab
- Refrigeration & Air Conditioning Lab
- Thermal Engineering Lab
- Heat & Mass Transfer Lab
- Manufacturing Science Lab
- Automobile engineering Lab
- Material Sciences & Testing Lab
- Fluid Machinery Lab
- Metrology and Measurement Lab
- Theory of machine & Design Lab
- CAD/CAM Lab
- Fluid Mechanics Lab

## Central Workshop

A fully developed Central Workshop under the Mechanical Engineering Department has various workshop facilities for imparting training to students and carries out various extension works in fitting, maintenance and small manufacturing works. It has:

- **Carpentry Shop**
- **Black Smithy Shop**
- **Welding Shop**
- **Sheet Metal Shop**
- **Fitting Shop**
- **Machine Shop**

## Central Library

Library is the heart of academic and research activities of the BTKIT. It has been catering to the needs of faculty members, research scholars, and students on campus effectively. It has huge volumes of books and e-journals which cover the disciplines of Technology, Computer science, Management, Humanities, Applied science and other related areas. The Library with its modern collection of knowledge resources and innovative information services fills an essential role for the academic community in their intellectual pursuits library services at BTKIT, Dwarahat are provided to students, staff & faculty members for updating their knowledge and supporting the research and teaching/learning activities. These services are provided through the central library and departmental libraries. The library consists of 45000 books with around 6000 titles and also consists of various national and international journals and magazines for enhancing the knowledge of the students. In addition the institute has Digital Library with complete study material from NPTEL and VISIONET.

# PHOTO GALLERY @ BTKIT



# PHOTO GALLERY@ BTKIT



# PHOTO GALLERY @ BTKIT



CANTEEN



CENTRAL COMPUTING CENTER



DIGITAL LIBRARY



## Academic and Administrative Staff

Director is Head of the Institute who is assisted by faculty and officers in various capacities in running the affairs of the Institute.

<b>Director</b>	<b>Dr. R.K.Singh</b>
Registrar (Incharge)	Dr. S.C. Sarkar
Librarian	Mr. Charu Tiwari
<b>Deans and Prof. Incharges</b>	
Dean of Academic Affairs	Dr. Satyendra Singh
Associate Dean Academic Affairs	Mr. Pankaj Sanwal
Dean of Students Welfare & Proctor	Dr. Ajit Singh
Associate Dean of Students Welfare	Dr. Lata Bisht
Associate Proctor	Mr. Mayank
Controller of Examination	Dr. R.K. Bharti
Asstt. Controller of Examination	Dr. Kuldeep Kholia
Dean Training & placement Cell	Prof. Jyoti Saxena
Associate Dean Training & Placement Cell	Mrs. Bhawna Parihar
Dean Research & Development	Prof. Jyoti Saxena
Prof. I/c EPABX	Dr. Anirudh Gupta



## Academic and Administrative Staff

Prof. I/c Horticulture and Campus Upkeep	Dr. R.K. Pandey
Prof. I/c Media	Mr. Vishal Kumar
Prof. I/c Guest House	Dr. Ajit Singh
Prof. I/c Library	Dr. R.K. Bharti
Prof. I/c CCFC Incharge	Mr. Vishal Kumar
Prof. I/c Vehicle Incharge	Dr. R. K. Pandey
Prof. I/c Electrical Maintenance	Mr. R.P. Singh
Chief Vigilance Officer & Incharge Security	Mr. Lalit Garia
Prof. I/c Remedial Classes	Mr. Pankaj Sanwal
I/c Civil Maintenance	Mr. Vijendra Singh
Prof. I/c Central Stores	Dr. Ajit Singh

## Department Heads:

Applied Sc. Dept.	Dr. Lata Bisht
Biochemical Engineering Department.	Prof. Jyoti Saxena
Chemical Engineering Department	Mr. Anshuman Mishra
Civil Engineering Department	Ms. Renu Sinha
Computer Science &Engineering Department	Dr. Ajit Singh
Electrical Engineering Department	Ms. Rachana Arya
Electronics & Communication Engineering Department	Ms. Rachana Arya
Mechanical Engineering Department	Dr. Satyendra Singh
Master of Computer Application	Dr. R. K. Bharti

## Training & Placement

Prof. I/C Institute Industry Interaction Cell	Prof. Jyoti Saxena
<b>Department Representative :</b>	
Civil Engg.. Dept.	Ms. Renu Sinha
Computer Sc. &Engg. Dept.	Mr. Vishal Kumar
Electrical Engg. Dept.	Mr. Lalit Singh Garia
Electronics & Communication Engg. Dept.	Mr. Lalit Singh Garia
Mechanical Engg. Dept.	Mr. Ravi Kumar
Chemical Engg. Dept.	Mr. Anshuman Mishra
Bio-chemical Engg. Dept.	Mr. Pankaj Sanwal

## Department Representative : Time Table

Prof. Incharge Time-Table :	Dr. R.K. Bharti
Applied Sc. Dept.	Dr. KuldeepKholia
Civil Engg.. Dept.	Mr. Neeraj kumar
Computer Sc. &Engg. Dept.	Mr. Swati Verma
Electrical Engg. Dept.	Mr. Geeta Joshi
Electronics & Com. Engg. Dept.	Mr. Vijya Bhandari
Mechanical Engg. Dept.	Mr. Ravi Kumar
Chemical Engg. Dept.	Mr. Anshuman Mishra
Bio-Chemical Engg.	Ms. Shakti Katiyar

## WARDEN BOYS HOSTELS

New Boys Hostel	Mr. Pankaj Sanwal
Nandadevi Hostel	a. Mr. R.P. Singh
	b. Mr. Vishal Kumar
Vindhyanchal Hostel	a. Mr. Rajendra Kumar Bharti
	b. Mr. Anshuman Mishra
Arawali Hostel	Mr. Mayank
Gomukh Hostel	Dr. Arvind Bhatt
Trishul Hostel	Mr. Ravi kumar
Shivalik Hostel	a. Dr. R. K. Pandey
Kailash Hostel	a. Dr. Vinod Mishra
	b. Mr. R.C. Belwal

### **Warden Girls Hostels:**

Gangotri Hostel	Ms. Vijya Bhandari
Yamnotri Hostel	Mrs. Sweta Rawat
Saraswari Hostel	Ms. Parul Kansal
Nalanda Hostel	Dr. Lata Bisht

### **Conveners of C.S.A.:**

Sports Council	Mr. Lalit Singh Garia
Literary Council	Mr. Mayank
Cultural Council	Ms. Bhawna Parihar
Hobby Club	Mr. Amit Paul
Photography & Fine Arts Club	Mr. Ravi Kumar

### **Students Counselors for:**

All First year Students	Dr. Lata Bisht
Civil Engg. except first year	Ms. Renu Sinha
Computer Sc. & Engg. except first year	Dr. R. K. Bharti
Biochemical Engg. except first year	Mr. Pankaj Sanwal
Electrical Engg. except first year	Ms. Geeta Joshi
Electronics & Com. Engg. except first year	Ms. Parul Kansal
Mechanical Engg. except first year	Mr. Ravi Kumar
Chemical Engg. except first year	Mr. Anshuman Mishra

## COURSES OF STUDY

The Institute offers the following courses under semester system: (For session 2015-16)

### A. Undergraduate Program (B. Tech) - (4 years / 8 Semesters)

Branch	Intake (Session 2015-16)
Civil Engineering	60+3*
Computer Science & Engineering	60+3*
Electrical Engineering	60+3*
Electronics & Communication Engineering	60+3*
Mechanical Engineering	60+3*
Chemical Engineering	60+3*
Bio-chemical Engineering	30+2*
Total	390 + 20* + 14 (KM)**

\*5% additional intake in lieu of the Tuition Fee Waiver Scheme.  
\*\* 2 additional intake in each branch in lieu of the Kashmiri Migrants

### Note

- I. The Institution under the AICTE Tuition Fee Waiver Scheme has been allowed to admit 5% of its sanctioned intake as an additional intake in the same discipline/branch of study.
- II. 10% seats on the total sanctioned intake approved by AICTE are available for other state quota and 5% seats on the total sanctioned intake approved by AICTE are available for Non Resident Indian (NRI)

## **Master of Computer Application (M.C.A.) (3 Years/6 Semester)**

Sanctioned intake : 60

## **M. Tech. (Full Time) – 04 Semester**

Computer Science & Engineering

Digital Communication

Thermal Engineering

Sanctioned intake : 18 for each specialization

## **Doctoral Program (Ph.D):**

Computer Science & Engineering

Electrical Engineering

Electronics & Communication Engineering

Mechanical Engineering

Biochemical Engineering

Applied Sciences Department

## **Attendance Requirement:**

Every student is required to attend all the lectures, tutorials, practical and other prescribed curricular and co-curricular activities regularly. The attendance requirement is 75 % in all subjects as per the rules of Uttarakhand Technical University, Dehradun.

The students are evaluated for their performance on continuous evaluation basis. There will be two class tests of equal marks, which are compulsory in each semester. Besides this, contribution on the basis of attendance, tutorials, quizzes etc. are also considered in awarding the sessional marks for both, the theory and practical.

The timings observed by the Institute for academic purposes are ordinarily from 9:00 A.M. to 5:00 P.M. Students are advised to see the notice boards of their respective departments, administrative block, library, hostels, workshop etc regularly.

## **ADMISSIONS:-**

### **Eligibility Requirements**

Admissions to B.Tech 1<sup>st</sup> Year in 1<sup>st</sup> semester will be made on the basis of JEE (Mains) as per the rules prescribed by the Academic council of the Uttarakhand Technical University, Dehradun.

### **Domicile Requirements**

Candidates who have passed the qualifying examination from Institutions located in the state of Uttarakhand are eligible for admission. The candidate who have passed the qualifying examination from Institutions located outside the state of Uttarakhand and whose parents are domicile.

### **Mode of Admission**

The admission to First Year B.Tech. and M.C.A. Program will be made through the counseling conducted by Uttarakhand Technical University, Dehradun based on the merit of candidates in the Joint Entrance Examination (JEE-Main) and Uttarakhand State Entrance Examination (UKSEE). The admission to second year (Lateral Entry) B. Tech. and M.C.A. is made through the counselling conducted by Uttarakhand Technical University, Dehradun on the basis of merit of UKSEE.

## **Master of Computer Application (MCA) Program & Lateral Entry**

### **(a) Eligibility Requirements**

As notified in the Information Brochure of UKSEE

### **M. Tech Programs:**

Admission to the M. Tech. is based on merit of the valid GATE Score. However, in case of non-availability of sufficient GATE qualified candidates, NON-GATE candidates can be considered on vacant seats through the merit of written test. The eligibility as per directives of Uttarakhand Technical University, Dehradun.

## **Doctoral Programs**

### **(a) Eligibility Requirements**

The eligibility requirements are as per the norms of Uttarakhand Technical University, Dehradun.

### **(b) Mode of Admission**

The application for registration is required to be made on the prescribed application form of Uttarakhand Technical University, Dehradun.

## **Central Library**

Library is the soul of any professional institute. All the departments have also their own departmental libraries. The Central Library of the institute is spacious, well equipped and fully automated. Presently it has around 45000 books consisting both of Indian and Foreign authors and bound journal volumes. The central library subscribes a good number of reputed Indian and International journals in engineering subjects as well as in science and humanities and also has access to several e-journals. The students and staff have a free access to books and journals in the Library. The central library also offers Book Bank facility to the students through which every student can get five books issued free of charge in each semester. The Central Library ordinarily functions from 9 am to 5 pm. The Library has been greatly benefited under World Bank assisted TEQIP program.



## **CAMPUS FACILITIES & AMENITIES**

### **Hostels**

The Institute presently has eight Boys' Hostels and four Girls' Hostel to accommodate all students. Each Hostel has its own mess facility and other amenities.

### **Medical Facility**

The students can get medical aid from nearby Community Health Centre. However, cases requiring specialized treatment are referred to the Hospitals located at Ranikhet, Almora and Haldwani.

### **Bank**

Full branch of State Bank of India (SBI) having ATM facility exists in Institute campus.

### **Canteen**

The Institute has canteen in the hostel premises exclusively to serve the students. Two canteens, located in the academic complex provides services to the staff and students during working hours.

### **Guest House**

The Institute has a guest house with good accommodation and dining facilities. The accommodation for guests is arranged on request on payment at the nominal charges. The booking is made through the Officer-In charge, Guest House.

### **Internet Facilities**

The Institute provides 24X7 Internet facility through 25 Mbps (1:1) leased line. The Internet facility is available in all the Academics Departments, Hostels, Library, various sections of the Institute & Guest house and also in Faculty and Technical staff Residences.

### **Security**

Security of the Institute is looked after by a Security Agency comprising of a Security Officer and about 60 security guards. A senior faculty member is the overall Incharge of the entire security set-up. The whole Institute campus including academic area, administration building, hostels, and residential complex is fully covered by the security round the clock.

## FEE AND OTHER CHARGES FOR FIRST YEAR & 2<sup>nd</sup> YEAR (LATERAL ENTRY) STUDENTS

		B.Tech	MCA/M.Tech.
A)	University Fee	Annual fee	Annual fee
	1	Examination fee (B.Tech.)	5000.00
	2	Sports Fee	300.00
	3	Registration Fee	200.00
	4	Enrolment Fee	1000.00
	5	Welfare Scheme Fee	200.00
	6	Development Fee	300.00
		Sub Total --	7000.00
B)	Institute Fee		
	7	Caution Money (Refundable)	2500.00
	8	Tuition Fee	30000.00
		Sub Total --	32500.00
C)	Users Fee:		
	9	Library Fee	500.00
	10	Class Test	200.00
	11	Laboratory Fee	500.00
	12	I-card Fee	50.00
	13	Recreation Fee	300.00
	14	Medical Fee	300.00
	15	Student Welfare Fee	250.00
	16	College Magazine	100.00
	17	College Day Fee	200.00
	18	Syllabus Fee	100.00
	19	Internet Fee/E-mail Fee	1000.00
	20	Computer Stationary	300.00
	21	Training & Placement Fee	500.00
	22	Student Aid Fee	200.00
		Sub Total --	4500.00
D)	Hostel Fee		
	23	Room Rent	1200.00
	24	Elect. and Water Charges	2000.00
	25	Fan Charges	200.00
	26	Utencils & Crockery	500.00
	27	Hostel Maintenance	500.00
	28	Ward Boy	600.00
		Sub Total --	5000.00
		<b>Grand Total :</b>	<b>49000.00</b>

## **Important Points regarding Fees**

- A. The mess advance Rs. 10,800.00 shall have to be deposited in the beginning of each semester which will be adjusted against subsequent monthly mess bills.
- B. The candidates selected for admission to first year of any program shall have to deposit the relevant fee as detailed above on the date of registration at the Institute.
- C. Institute fee and dues are subject to revision without any notice.

## **SCHOLARSHIPS**

### **1. Merit Scholarships**

Following norms are prevailing in the College for the award of Merit Scholarship

- This scholarship is given to 10% of students admitted.
- Rs. 3000/- will be paid per year
- The scholarship will be awarded for B.Tech Ist year on the basis of marks obtained in Ist Semester. The B.Tech IInd, IIIrd & IVth year students are awarded scholarship on the merit basis.
- There is no Income limit of guardians for this scholarship
- Any student is not entitled to get two scholarships at a time. The students have to choose one scholarship if more than one is awarded.

### **2. SC, ST and OBC Scholarships**

Eligible Scheduled Caste/Scheduled Tribe and Backward Class Students are given Scholarships by Samaj Kalyan Vibhag, Uttarakhand. These are given as per rules fixed by Samaj Kalyan Vibhag, Uttarakhand.

### **3. National Scholarship**

National Scholarships are awarded by the Central Government through Uttarakhand Shiksha Nideshalaya, Haldwani on the basis of student's past performance.

## **EXAMINATION RULES**

Students are advised to make themselves familiar with the syllabus of study and Examination Rules & Ordinances of the UTU-Dehardun. The Relevant Rules, Syllabus and Ordinances are available at Uttarakhand Technical University website.

## **STUDENTS WELFARE**

The general welfare of the students is looked after by the Dean of Students Welfare.

- (i) In order to enjoy the status and privileges of a bonafide student of the Institute, each student must obtain an Identity Card from the office of the Dean of Students Welfare at the time of registration or afterwards as per the notification.
- (ii) Identity Card is valid for the period stamped on it.
- (iii) A loss or the theft of the card should be immediately reported. A duplicate Card will be issued by the Dean of Students Welfare on request after depositing a fee Rs. 50/- in the Account Section of the Institute

## **Dress/Uniform**

The students are supposed to keep themselves neat and tidy. They are advised not to wear loose dresses which may be unsafe for working near the machines or be uncomfortable for outdoor field work. The B. Tech, MCA and M. Tech full time boys students must wear prescribed uniform which consists of white shirt, black trousers, black shoes with white socks, plain maroon tie and black/Navy Blue blazers. The prescribed uniform for girl students is pink (purple) Kurta, white Salwar with white Dupatta, black shoes/sandles and black/Navy blue sweaters.

## Discipline & Punishment

### Discipline

- The students are expected to maintain high level of discipline and follow the college/hostel rules strictly. Disciplinary Committee shall deal the matter concerning discipline among the students. The authorities may revise the conduct rules in the interest of the college as and when necessary. At present, following are deemed as the acts of indiscipline:
- General Ragging of Junior Students & others.
- Disregards of orders, instructions & notices of College & hostel authorities.
- Noisy, boisterous, disorderly or obnoxious behavior
- Irregular attendance and unauthorized absence form classes and hostels.
- Persistent negligence of studies
- Use of unfair means in test and examination
- Students found in possession of stolen properties, involvement in thefts, consumption of intoxicating drugs, gambling and drinking liquor and other prohibited intoxicating drinks and are liable for serious punishment.
- Improper use of College or Hostel property
- Taking part in strikes.
- Failure to report for the indiscipline cases to the Dean Students Welfare/Hostel Warden or College authorities.
- Formation of Union or Association without prior permission of the Director.
- No meeting of any kind shall be convened and no person shall be invited to address any meeting in the college or hostel premises without permission of Director.
- Ignorance of safety precautions. The college is not responsible for accident of any nature in the college, hostel, workshop, laboratory and playground or in campus or around it.

## Punishment

If a student is found to have committed any act of indiscipline inside and/or outside the campus, he/she is liable to anyone or more of the following punishments as per the decision of the Proctorial Board (Disciplinary committee)/Director.

- Warning
- Reduction in GP marks
- Censure
- Fine
- Reduction/Cancellation of Scholarship/Stipend
- Recovery in part or full of losses or damages to the college property caused by the delinquent students.
- Suspension from availing any of the college facility and services
- Removal, rustication, or expulsion from the College, Hostel or Mess.
- Withholding of character certificate.
- Ragging of junior students will invariably be lead to expulsion from the Hostel and/or College
- Black dot entry system is followed in the College for general discipline among the students. The details of this system are as follows:
  - A maximum of five dots may be awarded to any student showing in disciplinary act in any way, which means the expulsion of the student from College.

## **EXTRA-CURRICULAR ACTIVITIES**

The Council of Student Activities (CSA) aims to promote and develop extra-curricular personality of a student. It consists of different councils as detailed under. Students are required to join at least two of the following council activities.

- Sports Council
- Cultural Council
- Literary Council
- Photography and Fine Arts Club
- Hobby Club

## **PROFESSIONAL ACTIVITIES**

Each branch of engineering has a Forum to provide platform to every student for exposition of his/her professional talent. The activities of each forum are governed by an Executive Body elected by the students under the supervision of a Faculty Advisor nominated by the concerned Head of Department. Debates, Group Discussions, I.Q. Tests, Quizzes, Literary Activities, Short Tours, Professional/Inspirational Talks by eminent persons etc. are arranged by the Forum. In addition, Branch/Students Chapters of prominent Professional Bodies, such as IEEE, Computer Society of India, Indian Society for Technical Education and the Institution of Engineers (India) are also operating in the Institute.

## **GENERAL PROFICIENCY**

In the curriculum of each year a provision of marks for the General Proficiency exists. These marks are awarded on the basis of general performance, behavior/discipline and participation in Council of Student Activities.

## **NCC**

Our college has opted for NCC on voluntary basis as it provides grooming to the college students and inculcate in them the feeling of patriotism and discipline, since the motto of NCC is “ UNITY AND DISCIPLINE”. Earlier NCC was joined by students for 2 years but now as per the changes it is now for a duration of 3 years ,where they are certified for A ,B and C .The students admitted in this NCC training are given preference over normal candidates during selections based on the achievements in the corps after completion of their training period. The army unit under which our college is accommodated for NCC is 77 UK BATTALION .

## **NSS**

The Central theme of NSS is to impress upon students and to enhance their social responsibility. The students are trained to treat their period of study as one of the opportunity for indulgence in intellectual luxury but to prepare themselves for final dedication in the service of those who provided the sinews of the nation with the national goods and services essential to society. Advising them to form a living contact with the community in those midst their institutional is located.



## TRAINING AND PLACEMENT

### Vocational Training

B. Tech students are required to undergo 'Vocational Training' as per the provision of training in their curricula arranged by the institute during summer vacation.

### Placement

The Institute has a full fledged Training & Placement cell under the Professor I/c (Training & Placement) and a Training & Placement Officer(TPO). The Training & Placement office looks after the placement of the students. The various reputed Industries/Organizations conduct campus interviews regularly for selecting suitable candidates in their respective organizations. A few of industries/organizations having visited the Institute during the last few years are listed below:

INFOSYS	IGATE
HCL	IFLEX
WIPRO Infotech	ALSTOM
SATYAM	Birla Tyres
TCS	Bajaj Auto
Escorts	Tech. Mahindra
Petrot System	Hindalco
Enercon India Ltd.	Adobe Systems India
Indian Army	Larsen & Toubro
Indian Navy	Newgenapps
THDC	DSC:
Lohia Starlinger Ltd.	Mediatek India
Reed Technology	IGL
Cognigent	Godrej

## ALUMNI ASSOCIATION

The BTKIT ALUMNI ASSOCIATION provides a platform to its former students to maintain connections with their Alma Mater and also amongst themselves and their junior fellows. All the former students of the Institute and faculty are eligible for the life membership of association. The batch-wise alumni meets are held regularly to provide opportunity to its former students and faculty. The alumni of the Institute have been deeply involved in the placement and other activities for the benefit of the students. The life membership fee of alumni association is Rs. 1000=00.

## Rules

### Library-Rules

Every bonafide student can obtain the Institute Library membership. The students are issued borrower's cards for issue and return of books and journals. The borrowers' cards are issued to every student on applying through a prescribed form which is to be recommended by Prof. I/c Library. The norms for the issuance of books/journal are as follows.

### Limit of Books

B.Tech. I & II Year	3 Books for 15days
B.Tech. III Year	3 Books for 15 days
B.Tech. IV Year	3 Books for 15 days
M.C.A.	3 Books for 15 days
M.Tech.	5 Books for 15 days

### Issue Hours for Library Books:

Monday to Saturday	10.00A.M. to 12.00 Noon & 2.00 to 4.00 P.M.
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### **Overdue Charges:**

Rs. 2.00 per day per book (on general books)

Rs. 2.00 per day per volume on reserve, reference books and bound Journals

Unbound Journals are not ordinarily issued to students.

If any reader is found involved in stealing/destroying or damaging any type of reading materials, he may be penalized double the cost of reading material whichever is higher along with suspension of Library membership for six months.

### **BOOKS BANK RULES (All Students)**

Books Bank's membership form and Borrower's card may be obtained from the Library. The form is to be submitted to Library after the recommendation of Librarian of the Institute. A sum of 6 books are issued at a time under the Book Bank scheme.

### **Loss of Books**

In case of loss or damage caused to the issued books, the student will be required to submit the same title or will be charged the current price of the book along with 25% extra charges as fine.

## HOSTEL RULES (GENERAL)

- Ragging is strictly prohibited as per the relevant directives of the Hon'ble Supreme Court, Uttarakhand Government rules/orders and the directives of Uttarakhand Technical University. Any student found in ragging shall be suitably punished including FIR with the Police and expulsion from the Institute.
- Every student shall maintain a high standard of discipline, have respect for the Institute and conduct himself in a dignified manner.
- Student shall not do any such thing which may cause disturbance in studies or may be deemed vulgar in any way.
- Guests are not allowed to stay in the hostel without prior permission of the warden. If this is not possible due to some unforeseen reasons, the arrival time of guest must be recorded in the visitor's register placed in the hostel office and the Warden should be informed the next morning explaining reasons for the delay in obtaining permission.
- Female guest is not allowed to stay in the Boys Hostel. Male guest is not allowed to enter/stay in the Girls Hostel.
- Students are not allowed to interchange rooms/hostels without written permission of Warden.
- Students are not allowed to use Electric appliances such as heater, toaster, etc. without written permission.
- Students shall check electrical fittings, furniture and other articles issued to them at the time of occupying the room. They have to pay for the damage/shortage, if any, at the end of the session.
- Transfer of furniture from one room to another is not allowed.
- Students are not allowed to hold any meeting without prior written permission of the warden.
- Gambling and use of intoxicants are strictly prohibited.
- Students are not permitted to keep any fire arm (even licensed).
- Students are not allowed to leave station without prior permission of warden.
- Students are required to vacate their rooms while proceeding for summer vacation and also as and when required.

- Warden is authorized to open any locked room in case of an emergency.
- Students will not be absent from Hostel after 9.00 p.m. without prior permission of the warden.
- The Warden/Dean (Student Welfare) can search any room at any time.
- Students are not allowed to paste any objectionable poster or paintings on the walls of tier rooms or in hostel premises.
- Formation of society/club is not permitted without written permission of the Dean of Student Welfare/Warden.
- Students shall not take part in any subversive or in any kind of strike.
- All fans, light etc. must be switched off when not in use.
- All Students are supposed to take meals in the mess. Room services are prohibited except medical emergencies.
- Mess Timings shall be observed strictly as notified from time to time.
- Each Student shall be required to maintain the requisite amount of the mess advance in the beginning of each semester, i.e. a student shall have to deposit mess advance in the beginning of each semester on the basis of his previous balance of the mess advance in Autumn semester and vice-versa.

### **ADDITIONAL RULES FOR GIRLS' HOSTELS**

The following rules in addition to the Hostel Rules (General) will be in force in girls' hostels:

- If any girl student has to go the town for any work, she must write the purpose, place, time of leaving and time of return in the register with the security guard on duty. She must return to the hostel latest by 7:00 P.M. during the months of March to October and latest by 6:00 P.M. during the months of November to February.
- A girl student must enter all the columns in the register regarding participating in curricular activities and extracurricular beyond the working hours of the Institute.
- A girl student must submit the names and addresses of the local guardians with their signature, if any, duly authorized by the parents (or authorized guardian as per declaration in the admission form) in the prescribed form available with the warden.

- For late night stay at local guardians' residence up to 9 PM or night halt, prior written permission of the warden must be obtained. In addition, the local guardian must submit a letter stating that the student had stayed with them.
- Prior permission of the warden must be taken by the girl student for leaving to their homes.
- No male person (even father) will be allowed inside the Girl's Hostel.
- Visitors may meet the Girl student outside the gate of the girls Hostel up to 7.00 PM. with the permission of the Hostel Warden/ Chief Warden (Girls)
- Permission must be taken from the warden regarding stay of a female relative in the Girl's Hostel.
- All Communication regarding any problem of a girl student must be routed through the warden.
- In the event of the warden of the Girl Hostel being on leave the girl student must contact the Chief Warden (Girls) or any replacement nominated by the Chief Warden (Girls) .
- Key of the Guest room will be with the security Guard. On arrival of a relative, the security guard may open the guest room and then inform the girl student through the lady peon.
- Only in case of urgency the girl student may go to Chief Warden (Girls) residence or contact on phone during late hours beyond 7.30 PM to 9.30 PM.
- Modification or addition of rules may be made and communicated as and when necessary.
- Students will not be permitted to carry mess utensils to their rooms.
- Students are expected to behave properly with the mess staff. Misbehavior will lead to disciplinary action.

## **HOSTEL MESS RULES**

- Ordinarily Students have to pay a minimum of 15 days mess bill of every month during normal working of Institute irrespective of their attendance.
- No student shall be permitted for dining facilities in the hostel mess without the payment of mess advance.
- Diet-off shall be permitted under special and emergent but genuine conditions. However, diet-off shall be available on medical grounds.
- For Diet-off, Students shall take permission from their respective Hostel Wardens. However, in the absence of the warden, the permission may be taken from the Dean of Students Welfare.
- Diet-off, for less than 2 days shall not be permitted.
- Room service shall not be allowed.

## **Mess Advance**

- The amount of the mess advance to be taken from the students shall be decided by the hostel Mess Advisory Committee and duly approved by the Director.
- The Mess advance will not be a part of the Fee structure. It has to be paid separately.
- The Mess advance is approximately equal to mess bills of one semester, will be charged from the each student in the beginning of each semester. Presently the mess advance is Rs. 10800.00 for each semester.
- Each Student shall deposit mess advance in the concerned hostel mess account operated with the State Bank of India, BTKIT, Dwarahat.
- The challan for depositing the mess advance will have following four foils:
  - Bank Copy (b) Hostel Warden Copy (c) Hostel mess Copy (d) Student Copy
- Each Student shall produce challan form to the bank for the payment of mess advance
- The bank will retain its copy. The hostel warden copy and hostel mess copy will be sent by the bank directly to the concerned hostel warden.

*We are close to*



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