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Beehive College of Management & Technology
Beehive College of Advance Studies

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ESTD.
2002

PROSPECTUS



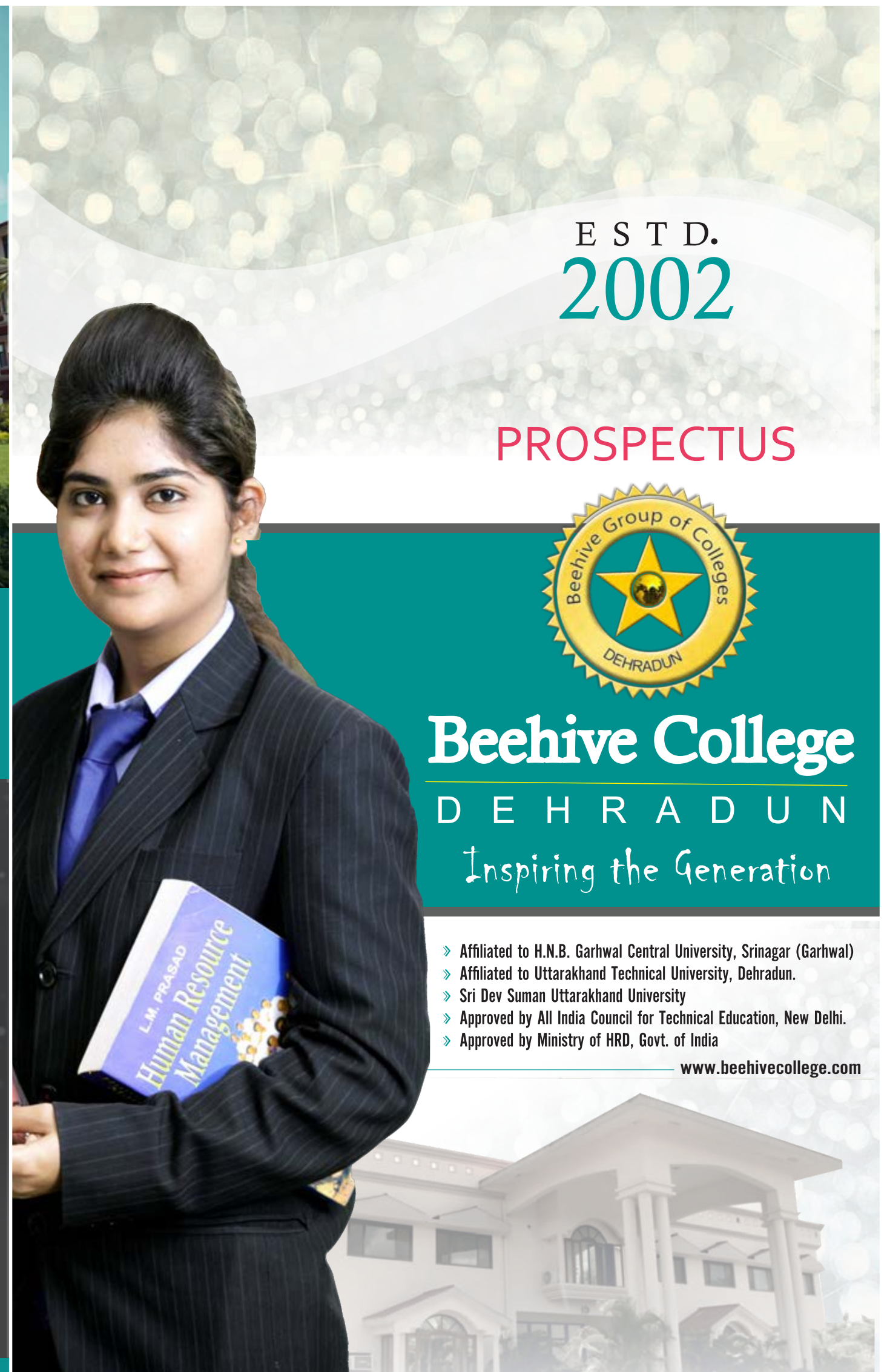
Beehive College

D E H R A D U N

Inspiring the Generation

- » Affiliated to H.N.B. Garhwal Central University, Srinagar (Garhwal)
- » Affiliated to Uttarakhand Technical University, Dehradun.
- » Sri Dev Suman Uttarakhand University
- » Approved by All India Council for Technical Education, New Delhi.
- » Approved by Ministry of HRD, Govt. of India

www.beehivecollege.com



Welcome to **Beehive**

Beehive College is located in the picturesque landscape of Himalayas, away from the hustle and bustle of the city. The scenic beauty of the campus forms an excellent setting for the pursuit of professional and technical studies. Well planned department buildings, laboratories, hostels, cafeteria, neatly laid out roads and gardens constitutes around **25 Acres** of land. Besides from aesthetically committed, it has a highly qualified and motivated faculty, recruited through selection on All India basis. Consisting of several institutes, the college offers a number of undergraduate and post graduate degree programs in the area of Management, Technology, Engineering, Life & Medical Sciences, Computer & Education. Since its inception, **Beehive College** is imparting value education keeping in mind the ever changing needs of a dynamic business environment.



” About Beehive Educational Society

E S T D.
2002



The **Beehive Educational Society** seeks to create a challenging educational milieu that fosters intellectual growth and promotes personal development of students through academic and technical programs. Through these programs, the institutions help the young students become skilled, intelligent, sensitive, responsible and reflective human beings.

Progress and development in the 21st Century depend, we believe, on the ability of people to adapt to and work in a global and multicultural environment. Pedagogical instruction alone cannot create global citizens. A broad-based educational experience with an international approach is therefore necessary. Studying at a quality educational institution in a multi-cultural environment provides the right blend. It combines academic excellence with diversity awareness, and opens the doors of the mind to newness, impartiality and integrity.

The **Beehive Educational Society** seeks to provide additional equipment, programs and opportunities which will enhance the students' academic and artistic development.

The **Beehive College** runs under the aegis of **Beehive Educational Society** which is offering educational programs and curriculum which cater to the specific needs and demands of today's professional life. The College provides a high quality, multi functional technical education to the youth giving them better employment opportunities in a highly competitive job market. Our Basic area of focus is to assist students in getting quality education. We provide assistance with every aspect of the process; from guidance counselling to final admission.

We also hold conferences, seminars, discussions and various personality development workshops to help students improve their performance and boost their confidence. We also provide a variety of free helpline services to help students. In short, we stay with the student every step of the way.

Our aim is to help students achieve their best, professionally and personally. We do this through a state-of-the-art, systematic work system, and of course with help from a highly qualified and dedicated team of persons wholly committed to our cause. The key point of our services is that they're highly personalized. We understand individual needs and assist each student accordingly.



Mrs. Savita Kapoor
Promoter, BES



Beehive believes in broadening the outlook of future leaders through a quality educational experience which will strengthen their ability to think and act on a cooperative basis. A quality education is also a critical means for developing wholesome knowledge and skills essential for the creation of new generation of global citizens.

Vice Chancellor

From the Vice Chancellor's desk



It gives me an immense pleasure that Beehive College, conducts courses in the field of Technology and Professional programs, is bringing out its brochure for the upcoming academic session.

This is a milestone to build better environment in the state. I am confident that the institute will provide high quality technical and professional education to the students. This shall further strengthen the objective of Uttarakhand Technical University, Dehradun to provide job oriented courses in Uttarakhand. I wish all the success to the management, faculty, staff and students of Beehive College, Dehradun.

Prof. P.K. Garg

Our Chairman

The Chairman's welcome



It is an honor and a pleasure for me to begin my work as Chairman of Beehive Group of Colleges. Leading this Institution is a challenge I relish.

As I am sure everyone is aware, the moment which we now find ourselves is one of profound challenges, not only to campus and the wider education system, but to the nation and the world. Some of these challenges we can confront directly, and manage to the best of our ability. Other challenges we cannot solve ourselves, but we can and must think and talk about them together, and try our very best to influence those charged with their solution.

At times, I use my position as Chairman of Beehive to advocate publicly for societal change or defend against attack on our principles. At other times I work quietly among various communities of influence to assure that Beehive's leadership is heard and felt.

I see Beehive's future as that of a coherent but heterogeneous community of colleagues, and a place where the opportunity to do research, to teach, and to learn will not be compromised by fiscal constraints, inequitable access, or the difference among us. In this, as, indeed, in all the tasks we undertake together, I look to all of you for advice and counsel.

As Chairman of the college, I am charged with overseeing all aspects of undergraduate and postgraduate education within the College. With the help of my staff and faculty, my goal is to support the efforts of our students to make the most of the educational and extracurricular opportunities that Beehive offers. We welcome your comments, questions and suggestions and wish you well in all your efforts here.

Amit Kapoor

Founder and President, BeehiveGroup

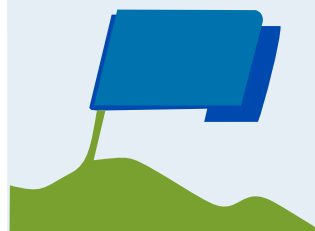
The College at a Glance

Ranked
in North
India

TOP 1%



Founded in 2002



8000 Alumni



Over 1500 Placements
in last 3 years

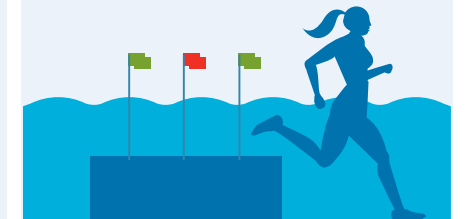


Over 300
dedicated
and
expert faculty



One of the
largest
wireless campuses
in North India

**International
Standard**
sports facilities



Innovative Curriculum
and range of
learning methods

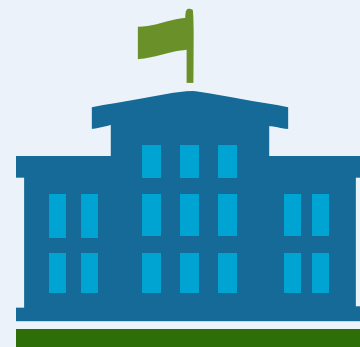


Number of subject
areas in which Beehive
is ranked in the top
100 Colleges of India

Over 150
sports
championship
Trophies



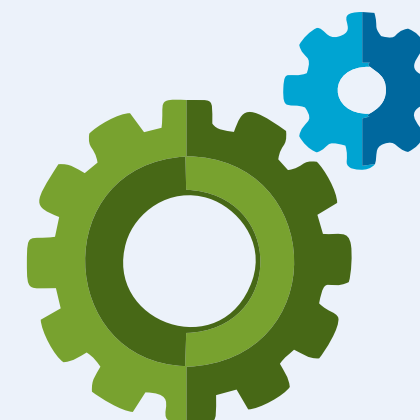
25 ACRES
green campus



Over 35
degree
programs



% of Graduates
classified as
Director,
VP, Owner or
Partner



Over 200
Industry
Partners

Dehradun Valley

India's most exciting city

Nestled in the mountain ranges of the Himalayas, Dehradun is one of the fastest growing cities in India. Dehradun is renowned for its natural resources, publishing services and particularly for its educational institutions. It hosts training institutions of national importance such as the Indian Military Academy, ITBP Academy & Indira Gandhi National Forest Academy (IGNFA). Because of the low population and, on the whole, competent education institutes, Dehradun garners a good per capita income close to \$2400 (per 2012 figures: national average \$800). It has enjoyed strong economic growth in the last 20 years. Dehradun today has experienced a commercial and information technology upswing, amplified by the establishment of software technology parks of India (STPI)[20] and SEZs (Special economic zones) throughout. Regional offices of Genpact, Spice Digital, Serco, IMSI, Spanco, Aptara, IndiaMART are present in Dehradun. A number of manufacturing units are present in the Selaqui area.



Clock Tower

Clock Tower is a landmark of Dehradun City, it is located in the Rajpur Road which is a down town area of the city. Names of the Freedom Fighters are engraved in a gold plaque in the clock tower..

FRI

Established in the year 1906, FRI is of the oldest institution of its kind. The Institute's history is virtually synonymous with the evolution and development of scientific forestry, not only in India, but over the entire sub-continent



Rafting at Shivpuri

This place is one of the favourite destination for beach camping and rafting. There's a silver sand beach in Shivpuri with river ganga flowing one side and its tributary on the other.

Downtown Dehradun

Rajpur road is the area where most of the development is done. The place has many malls, showrooms and hang out places.



Sahastradhara Ropeway

Sahastradhara is a popular tourist attraction of Dehradun. Literally meaning 'Thousands fold Spring', Sahastradhara is a beautiful spring, having a depth of around 9 m.

Mussoorie

Being at an average altitude of 1,880 metres (6,170 ft), Mussoorie, with its green hills and varied flora and fauna, is a fascinating hill resort. It is situated at the foothills of the Himalayas and is known as the Queen of the Hills.



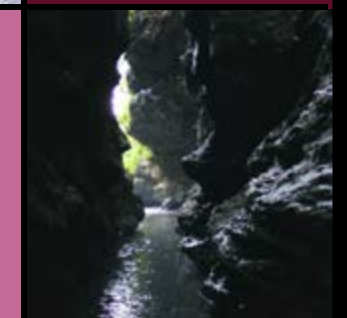
Robber's Cave

Robber's cave is famous for a strange natural occurrence; a stream of water suddenly appears and then disappears underground, only to appear again a few yards away.



Malsi Deer Park

The place is full of sprightly young spotted deer breeds with a shy yet curious nature. More than once they will stare at you and when you go near them to take a better look or click a picture, they will just sprint away.



Student Life at Beehive



Your First Year in Beehive

What happens after you join us in Beehive? Well, we know it's a time of tremendous excitement and anticipation, but also a time of some trepidation, so your first week is all about helping you discover Beehive and meeting lots of new people. Freshers' Week is when it all happens – there are no classes, so it's all about information sessions, seeing what sports clubs and societies you want to join, meeting your student mentor who will give you a tour of campus and organise social events, meeting your Tutor who will provide support to you throughout your years in Beehive, and of course the "Goonj" - The Freshers' Party.

Senior students at Beehive, every year organises a gala event for Freshers - "Goonj", right before the start of the academic session, which helps Senior and Freshers students to get gelled in and to know each other.

What happens after Freshers' Week?

After the excitement of Freshers' Week, teaching starts and you get a chance to settle into your course. Most classes are a mixture of lectures and tutorials and some have practicals as well. The tutorials are less formal and give you a chance to explore and discuss the topics covered in lectures with your classmates and teaching assistants.

Of course it doesn't stop there. Your class coordinator organises events throughout the year that give you endless chances to get to know your classmates. As the first year progresses there are many other events to make sure that you enjoy your time in Beehive, including Sports' Week in October (another chance to join sports clubs and societies), Beehive Carnival, Panache, Students' Union activities and entertainment and many, many more events run by the sports clubs and student societies.

At Beehive we are committed to delivering a transformative experience, not just academically, but personally and socially. The best way to do that is to get you meeting people and involved in activities as soon as possible. That's what you can expect in your first week, your first year and indeed every year that you are in Beehive! One way of doing this is by encouraging you to get involved in activities as soon as possible.

Student Entertainment

College life is about so much more than just education and nowhere is this more evident than at Beehive. Beehive situated in the fast growing city, Dehradun, where there are endless extra-curricular and recreational opportunities. You can immerse yourself in a broad range of sports clubs and student societies and through these activities you will get a real sense of the 'Beehive Experience', something that extends far beyond lectures, tutorials and exams. You will also have the benefit of the best Students' Councils in the country, providing Beehive students with a wide range of entertainment, from mystery tours to camping to exploring various new places.

"Goonj" - An event for Freshers'

Incoming Beehive students can expect to be greeted by the famous Beehive "Goonj" - An event for Freshers', filled with day-time and night-time entertainment, giving you a real taste of what Beehive and the capital city have to offer. Previous Freshers' events have seen such acts as Skits, Dance Shows, Fashion Shows, Live Bands. Student councils put on a dedicated Freshers' Festival offering you a taste of their finest activities. The entertainment doesn't end with the Freshers' party though. Throughout the year Beehive Events will provide you with all the entertainment you could ever need including weekly outings to the Dehradun city, dance shows, live music on campus as well as plenty of other events for you to enjoy.

"Carnival" - Fete on Children's day

Few weeks after Freshers' event, student council organises one more gala event, called Beehive Carnival, which is a Fete organised on the occasion of children's day. An Event where students from different departments put various exciting stalls consisting games, food, music and many other activities of entertainment. First of all Freshers' event helps students to gel in and get mixed up, now through Carnival we see new and old students organising and participating together.

'Panache' - An cultural extravaganza

At the end of year something special happens on the campus. Festival marquees and stages are set up and the campus, where you attended lectures all year, becomes the host to the largest private party in Dehradun. 2500 students descend on the campus on a Friday night for a party that goes from 5pm to 10pm. It was one great Evening, which had seen some colorful and scintillating performances by Beehive Students. Traditional and contemporary song, dance and live performances are just some of the main attractions of the Panache - Annual Festival. Campus festivals in India typically include performances by invited pop singers, comedians or other TV celebrities. However, at Beehive the Panache provides a venue for own homegrown talent to perform and demonstrate just how much time and effort our students have put into their extracurricular, circle and club activities



Beehive Cultural Council



The significance of Extra-curricular activities with academics is well known. Beehive has an organising council for all curricular activities. Council's vision of all round development of students has ensured student's active participation in extra-curricular activities like singing, dancing, talent hunt etc. This breaks the monotony of academics.

Beehive Cultural Council

Beehive Cultural council is a phenomenal system which helps to tap hidden talents. This became an important platform for the students to reflect their different talents. The activities bring students together apart from providing them invigorating break.

Besides this, Beehive has student population from pan India, which makes cross culture exchange interesting. Beehive cultural council has been established to nurture and nourish the creative talent among the students. Cultural activities which include music, skit, fashion shows, dance etc., bring students closer to the rich Indian Culture and also develop a sense of unity. Various cultural competitions are held through out the year. Beehive Cultural council also invites renowned artists and performers whose performances give immense pleasure and inspiration to the students.

Panache is the most sought after event organised by the council which is held at the end of the year. It is Beehive's annual college fest which brings Beehive Fraternity together and have a good time.



Student Profile | Prerna Khushboo, BBA Student

Coming to Beehive was the best decision I ever made. I never thought my time at Beehive would go so quickly, be as enjoyable or introduce me to so many life-long friends, but my involvement in events organised by Beehive Cultural Societies, specially singing which I love doing, ensured that I get every chance to hone my skills even more.



Find out more about Beehive Cultural Events at youtube.com/beehiveadmin



Beehive Sports Club



Our indoor and outdoor sports facilities include:

- Gymnasium and health centre
- 1 Cricket Ground
- 2 Cricket practice nets
- 1 Football ground
- 2 Badminton courts
- 1 Volleyball court
- 2 Multipurpose sports halls
- 1 Table tennis hall with 2 tables.
- 1 Physiotherapy and first centre
- 1 Theatre style room to enjoy live sports

Find out more about Beehive Sports Club at [Facebook.com/lifeatbeehive](https://facebook.com/lifeatbeehive)



Sports Club

The Beehive sports centre is the hub of all sports and fitness activity on campus. With an onsite gym and fitness centre along with activities like Operation Transformation, Sports Volunteering Programme and Campus Runs we have an inclusive and friendly environment where you will instantly feel part of the Beehive sport family.

Our qualified staff are available to offer help and guidance. For any assistance experts are available to train students and help them achieve their targets.

Beehive offers a number of sports facilities including:

Outdoor Sports



Beehive provides on campus cricket ground, Football ground, Volleyball & Badminton court, training and nets facilities. Trainers and experts are also there for guidance.

Gymnasium & Health Centre



Fully equipped gym with free weights, pin loaded weights and electronic equipments for cardio training. Students can avail this facility by becoming the member of the gymnasium club.

Indoor Sports Facilities



Sports halls have TT tables, chess, carom and facilities for various other indoor sports. Events being played round the clock.



Beehive's Infrastructure



Hi-Tech Computer Labs



State-of-the-art Workshops



On Campus Hostel



Multi-Speciality Hospital



Well Stocked Libraries



Foreign Faculties



Modernized Laboratories



Extensive Fleet of Buses



Theatre Style Lecture Halls



Conference Rooms



Seminar Halls



In recent years, the College has invested a lot in a major capital works program, delivering a suite of world-class facilities and infrastructure. Students have access to modern lecture theatres, new technologies, and an outstanding library with a comprehensive collection of over two lacs of items.

Library

Beehive College has 4 libraries and 1 central library, stocked with books, references, periodicals, magazines, national and international journals. The library is a vast reservoir of knowledge and a source of constant value addition to the students and faculty members. The library includes over 75000 volumes covering various titles and volumes.

Labs

Air conditioned department and computer labs, equipped with latest instruments, machines and PCs with latest softwares. Our computer lab has over 600 computers which are Wifi enabled.

Classrooms

The classrooms are spacious and specifically designed to enable participative learning. Classroom are theatre style and are ultra modern with audio and visual aids

Beehive Hospital

Beehive Ayurvedic hospital was set up in the Campus in the year 2014. Beehive Hospital has Emergency Services, OPDs, Physiotherapy Department, Panchkarma, Pharmacy, and has facilities to diagnose and cure most of the general and acute health problems.

Conference Rooms & Seminar Halls

College has facilities to organise international conferences, there are 3 seminar halls and 5 conference rooms on the campus.

In Campus Hostel

College offers spacious and well furnished, hostels with all modern amenities and conveniences. The hostels are designed on the living-and-learning concept, which helps to build one's personality by catering to the educational demands in a professional environment.

Events

Synopsis



PANACHE The annual festival of the college

Técnica Annual technical festival

होमज An Event to welcome Freshers



ReUnite Alumni meet to reunite passouts

Carnival Fete on Children's Day

THE HEAT The annual sports day of the college



**25 Acres
Campus**

3 Campuses

College of Engineering & Technology
College of Management & Technology
College of Advance Studies



PHD Faculties



**Well-Equipped
Laboratories**



An Amazing College



**We're making
lifechanging
discoveries**



**Work Hard
Play Hard**

Join the World Class Institute



World-changing research

With exciting teaching and research facilities including well equipped laboratories for different departments. Our newly constructed polyhouse for students pursuing agriculture is something to look out for.

Give you an edge

Our regular upgrades in the Laboratories make sure the student get their Hands on the latest technology, and enables them to be updated in this ever changing dynamic world. The labs provide an active learning experience but also give a "feel" for some of the phenomena that researchers are exploring in their real-world experiments.



World-class Education

You will learn from academicians who are recognised nationally and internationally for their work. We attach a great deal of importance to the connections between research and teaching, which means the modules you study are constantly updated to reflect the latest research findings.

You will work in an environment where the global picture is constantly present, work in state-of-the-art facilities using the equipment and technology you'll use in your career, and study with the brightest students from various parts of the country, who will challenge and support you.



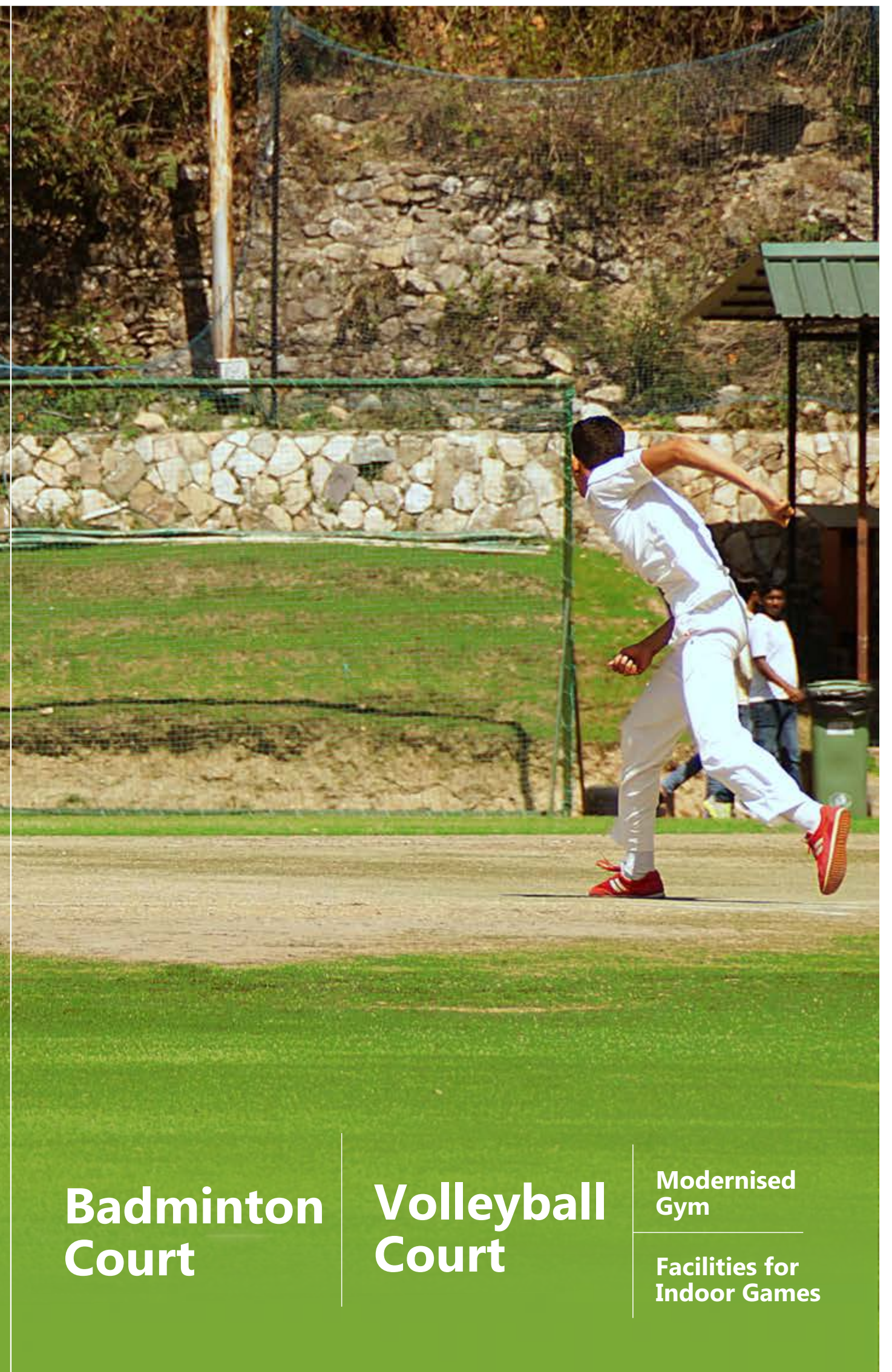
Facilities for Champions



**Cricket
Ground**

**Practice
Nets**

**Football
Field**



**Badminton
Court**

**Volleyball
Court**

**Modernised
Gym**

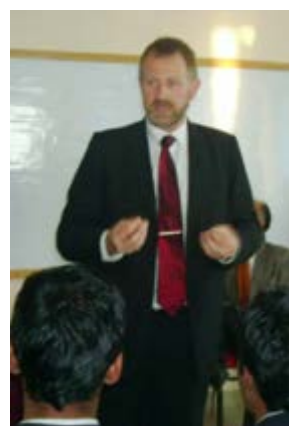
**Facilities for
Indoor Games**

Campus Connect

The idea behind Campus Connect is to prepare graduates while at college, who are not only well equipped in their Disciplines, but also have the ability to integrate the learning across the foundation areas, to apply them in practical situations, and also have professional skills to effectively compete in today's market place, such as teamwork, project management, cross functional networking, effective communications.

Objectives of Campus Connect

- Bridge the gap between industry and institute
- Grooming graduates to become ready for the industry
- Exposure to latest cutting edge technology



Global Exposure

At **Beehive** we have the dedicated Corporate Resource Centre to ensure that our students have the maximum interaction with leaders from the corporate world. **Beehive** believes in providing industry exposure to students through weekly guest lectures by industry professionals not only from India but also from abroad on a specific topic or issues related to corporate world. Some of the industry professionals are invited as guest speakers



WHO ARE ONBOARD?

- Accenture
- Burkhardt Compression
- Atlas Copco
- Persistent
- Tata Consultancy Services
- Dhanlaxmi Bank
- Synechron
- Bluegape
- Mahindra
- Micronsoft
- Sage Publications

In the age of globalization and India's position in the industrial growth, the professional horizon of students has broadened world over. Howsoever, the student may be knowledgeable on the technical aspects of his subject, unless he develops expertise in communication skills, he can never make a successful career. It is our endeavour to equip him with the manner in which, he can communicate the brilliant ideas he has and the knowledge he possesses about his subject.

Features of Campus Connect

- Faculty Development Programme
- Technical lectures
- Technical competitions / Quiz Projects to our UG & PG students
- Sponsorship for technical events
- Guidance for research projects
- Scholarship for toppers & girls students
- Rewards for toppers (e.g. Direct offers to Toppers)
- Establish strong bond with Industry so that both can stand by each other in times of difficulty.

Over the **last 5 years**, more than **150 companies**, **200 Guest Speakers** have visited **Beehive** through **Campus Connect**

Corporate Relations

Guest Lectures

Beehive College gives utmost importance to practical exposure and interaction to its budding managers & engineers. For this, eminent speakers from the top industry are invited to impart best educational light and enlighten our students with their ideas and experiences they share with us.



Seminars & Conferences

Beehive has been actively involved in promoting education excellence through organising and being academic partner of various national events. Beehive faculty members and students have benefited immensely by participating in these events. It helps the student to understand and explore the expectations of contemporary corporate world.



Industry Visits

With an aim to go beyond academics, industrial visit provides student a practical perspective on the world of work. It provides students with an opportunity to learn practically through interaction, working methods and employment practices. It gives them exposure to current work practices as opposed to possibly theoretical knowledge being taught at college.



Corporate Training

During the semester students, with the help of special tie ups with the industry join short term training programs in the national and multi national companies which help them to get hands on job training and get an essential exposure required before their final placements.



Startup Incubation Program

INCUBATER provides students, researchers and alumni with the opportunity to accelerate the development of their startup on campus. The startup incubation program supports entrepreneurs launching new startup ventures over the 14-week incubation period. INCUBATE accelerates the development of startups through calculated risk-taking, lean-startup methodologies and best practices.



Placement Cell

The Training and Placement Department of Beehive College, Dehradun, headed by a senior faculty member, manages placement activities and keeps liaison with various industrial groups and research organisations. The department works in close co-ordination with a student placement committee comprising students chosen from various departments. The Training and Placement Cell of the Institute centrally helps in constituting the job carrier for the graduating students of all Departments. Its excellent infrastructure supports each and every stage of the placement processes in arranging pre-placement talks, written test, group discussion, interviews etc.

Objectives

- Preparation of Placement Brochure for final placement.
- Pre-placement visits (PPV) to the companies.
- Communication, networking and relationship building with the potential recruiters
- Invitation to potential recruiters to visit the Institute.
- Grooming and training of the candidates for the placements so that their chances of selection increase.
- General follow-up, joining formalities and other administrative activities.

Placements



Beehive has always prided itself on the quality of the campus placements it offers to its students. The industry in and around Dehradun, and indeed many from far off, look to recruit the best brains entering the industry from Beehive. This ensures that students at Beehive have the pick of the kind of work that they want to do.

Feedback from Industry

“ From the beginning it was a well planned and well executed event. The flow of events were smooth and well coordinated. The students have immense talent. Students have to improve their decision making and typing skills. Thank you for the efforts and cooperation.

Nidhi Srivastava
Manager, HR, (Luminous ETS)

“ We are extremely happy to visit Beehive College for two reasons i.e quality of students and the hospitality. This is the third year for us to visit this campus and we would like to continue our association with this institution for long.

Arusha Mishra
HR Manager (Vodafone)

Besides placements, **Placement cell** also ensure **Summer Internships** for the internship seekers

“ I consider myself lucky to be a part of such an institution which has such a well developed and a hard working Training and Placement Cell. I am really grateful to them for Training me according to the company needs, thanks to which, I am placed with an organization like Fortis.

Jonali
BPT Student



and many more...



Placements Factsheet

8.5 Lacs P.a.
highest salary package

90+
companies visited the campus

500+
students got placed

2000+
alumni in the industry

Beehive College of Engineering & Technology

Beehive's Engineering College is a place you have to see to believe. With futuristic architecture, a huge library, magnificent labs and cutting-edge technologies developing around you, it feels like the future is actually happening here.

College is Approved by **AICTE**, Ministry of HRD & **Govt. of India** and is affiliated to **Uttarakhand Technical University**. College also has a technical collaboration with **HCL, Microsoft & ACER**. College has been **ranked #1** in Uttarakhand state by prestigious **THE WEEK Magazine**

bcet.beehivecollege.com

bcet.beehivecollege.com

BCETs' green spaces and classical architecture makes it an amazing place.

Civil Engineering (B.Tec Civil)



What is Civil Engineering?

Civil Engineering deals with the design, construction and maintenance of the natural built environment including works such as, bridges, roads, canals, dams, airports, highways, buildings, flyovers, tunnels, chimneys and offshore structures. The civil engineers responsibility is of safety, aesthetics and sustainability. Civil Engineering enhances the quality of life and is therefore of critical importance to an individual as much as to the society.

Job Prospects

Civil engineering offers a very wide range of work options, from tackling complex design problems in multi-disciplinary groups to working on site anywhere in the world; to managing the work of a large team of people on projects costing hundreds of millions of rupees. Civil engineers work with architects, engineers from other disciplines, clients and the many people who do the physical work and operate the machines on site



Infrastructure

- Surveying Lab
- Computer Aided Design Lab
- Concrete Technology Lab
- Environmental Engineering Lab
- Geotechnical Engineering Lab
- Hydraulics and Hydraulic Machines Lab
- Highway Technology Lab
- Building Material Testing Lab

How you will be taught?

- You will learn from experts in the fields of energy, geotechnical, structural, transport, water and wind engineering, dividing your days between lectures, small group teaching, tutorials, laboratory practicals and your own study time.
- In the third and fourth years, you will spend up to 25 hours week working on your own design or research projects.

Eligibility

10+2 with Physics and Mathematics, and Chemistry/ Biology/ Computer Science/ Biotechnology as one of the subject.

Duration of Course

Four years course, comprises of eight semester, each semester is of six months.

Computer Science Engineering (B.Tech C.S.)



What is Computer Science?

This is an emerging and powerful branch of Engineering, which has the tremendous advantage of abstraction and flexibility. These two combined with the power of processors has made this discipline an indispensable ingredient, the state-of-the-art equipment across all fields. Professionals from other engineering and technology domains harness the power and flexibility provided by computers. As a result, this branch encompasses all the domains and is much sought after.

Alliances

The department has academic alliances with Infosys-Campus Connect, Wipro, HCL, Oracle, EMC2 that enables courses in the emerging trends in the field of Computer Science to be offered to the students. Experts from industry and esteemed organisations are invited for seminars/

Job Prospects

- Quality Consultancy
- Project Management
- Customer support system
- Administrator
- Software development
- Software testing
- Profiling / Mentoring
- Buddy System

interactive sessions with students, which provide the much needed exposure to new development in the industry. Seminars & workshops on Image Processing and Computer Vision, Cloud Computing, Advanced Programming Languages and similar other advanced topics are delivered by industry experts for the benefit of the students.

How you will be taught?

- Our highly regarded teaching employs a mixture of lectures, tutorials, exercise classes, lab work, projects and independent study
- There is a strong emphasis on project work in your final year

- Tutors will support your academic progress, develop your transferable skills and deal with any welfare issues
- You will receive prompt feedback on each assessment, highlighting positives and areas for improvement; you will also receive feedback on exams

Eligibility

10+2 with Physics and Mathematic, and Chemistry/ Biology/ Computer Science/ Biotechnology as one of the subject.

Duration of Course

Four years course, comprises of eight semesters, each semester is of six months.



Students Profile

Umang Bhatnagar
B.Tech CS Student

The computer science engineering teaches the capabilities of computers not just in the field of programming, but in other scientific fields. The skills taught and real world experiences provided by this major have made me feel as though there are many possible career options out there for me.



Mechanical Engineering (B.Tech M.E.)



What is Mechanical Engineering?

This is often seen as the broadest of all engineering qualifications as the skills required range from mathematics and electronics to metal fatigue and fluid mechanics. Nearly all machines used in everyday life – from the car or washing machine to the most complex aircraft or electricity supply plant to the tiniest surgical instrument – have required the skills of a mechanical engineer. Every industrial plant or manufacturing operation relies on a mechanical engineer for its smooth running and efficiency. Mechanical engineers are involved in design, testing, inspection and manufacture of mechanical devices and components. As a mechanical engineer you will work as a professional using technology to make the world a better, safer place.

Job Prospects

As well as the potential for a career in mainstream mechanical or manufacturing engineering, graduates have found work in industries as diverse as film

production, financial services and airlines. There is also a demand for specialist research and development work in industry, research organisations and universities. There is a huge demand for Mechanical Engineers in the field of Heating, Refrigeration & Air Conditioning as per ISHRAE Report. Machine Tool Industry is poised to grow rapidly due to the demand for Automation



Infrastructure

- Fluid Machine and Mechanics Labs
- Fitting Workshop
- Hydraulics Lab
- Foundry and Welding Workshop
- Heat and Mass Transfer Lab
- Simulation Lab
- CAD/CAM Lab
- Thermal Engineering Lab

Eligibility

10+2 with Physics and Mathematics, and Chemistry/ Biology/ Computer Science/ Biotechnology as one of the subject.

Duration of Course

Four years course, comprises of eight semesters, each semester is of six months.

Electrical & Electronics Engineering (B.Tech E.E.E)



What is B.Tech EEE?

Electrical & Electronics Engineering is one of the oldest branches yet evergreen due to its day to day importance and its study has undergone numerous changes thus enabling the incumbents to be good Core Power Engineers, Software Engineers and also Hardware Engineers. Apart from this Electrical Engineers have blossomed as successful entrepreneurs. There is ample scope of higher studies apart from appointments in its allied fields like Medical Electronics & Instrumentation.

Job Prospects

The variety of careers open to graduates of Electrical and Electronics Engineering range from designing embedded processors for a wide range of applications, through network design and management in telecommunications companies, to opportunities in

business and financial management where the analytic and problem-solving skills of electrical and electronics engineers have long been appreciated.

How you will study?

One of our key aims is to help you to adapt to the new learning environment that college present, so that you quickly become an independent and self-motivated student and develop the skills and understanding required by graduates in the modern engineering profession.

Electrical & electronic devices and systems are vital to modern society. They are central to almost all the new & fast-moving technological changes of the 21st century.

Infrastructure

- Analog Electronics Lab
- PCB Lab
- OFC & Microwave Lab
- Communications Lab
- Microprocessor Lab
- Digital Electronics Lab
- Microwave Lab

Companies OnBoard

- Digital Global Soft
- Legrand
- HPL
- Infosys Technologies
- Satyam Computers
- HPCCC
- Phoenix Global
- Schneider Electric
- Wipro

Eligibility

10+2 with Physics and Mathematics, and Chemistry/ Biology/ Computer Science/ Biotechnology as one of the subject.

Duration of Course

Four years course, comprises of eight semesters, each semester is of six months.

Information Technology Engineering



What is B.Tech IT?

Engineering in Information Technology is an undergraduate academic degree. While the degree has a major focus on computers and technology, it differs from a Computer Science degree. In that students are also expected to study management and information science, and there are reduced requirements for mathematics. The concentration on the scientific aspects of computing, while a degree in information technology can be expected to concentrate on the business and communication applications of computing. There is more emphasis on these two areas in the e-commerce and e-business.

What will you study?

- Programming Languages
- Operating System
- Computer Graphics
- Computer Networks
- Database Management
- Security and Cryptography
- Data Communication
- Software Engineering &
- Software Testing
- System Programming
- Microprocessors
- Embedded Systems
- Plus the entire core courses in other branches of Engineering

Academics

- Teaching learning process & Internal testing process are in place
- Central evaluation
- Student counselling
- Tutorials
- Edusat program
- Result analysis
- Faculty development
- Training programs for faculty
- Well-stocked department library of books and CDs
- Project guidance
- Pre-placement activities
- Industry interaction

Eligibility

10+2 with Physics and Mathematics, and Chemistry/ Biology/ Computer Science/ Biotech as one of the subject.

Duration of Course

Four years course, comprises of eight semester, each semesters is of six months.



Focus on **seminars and workshops** in IT, helped students to **gain edge and exposure**



Computer Science students studying as a group between lectures near the B.Tech Building on College Campus.

Beehive College of Management & Technology

| | |
|----------------------|--------|
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| B.Sc. in Agriculture | pg# 45 |
| B.Sc. in Forestry | pg# 46 |

Beehive College of Management & Technology has been a **centre of excellence** for the Managerial Studies. Besides **MBA**, college also has Bachelor courses in **Agriculture** and **Forestry**. Time and again college has been ranked one of the finest institutes in the country.

BCMT Highlights

- Approved by AICTE and Govt. of India
- Affiliated to Uttarakhand Technical University and Sri Dev Suman Uttarakhand University.
- Top ranked in the Uttarakhand State
- Unmatched Infrastructure
- Well stocked library
- Theater style classrooms
- Highly qualified faculty, with rich practical experience

bcmt.beehivecollege.com



Learning at Beehive

AT BEEHIVE LEARNING IS A CONVERSATION, NOT SIMPLY A LECTURE.

To enable you to better develop your own ideas and opinions, we will put you at the centre of the learning process. From the outset you will be encouraged to become an independent and self-motivated learner. Many of your lecturers at Beehive will be experts in their fields and their excitement and passion will translate into your degree programme.



Dependent on your course you will have the opportunity to learn in different settings. As you progress through your course, this approach will enable you to control your own learning and encourage you to develop the qualities that employers are looking for in today's college graduates: creativity, independence, teamworking, goal setting and problem solving. These skills will give you the tools to succeed in your future career.



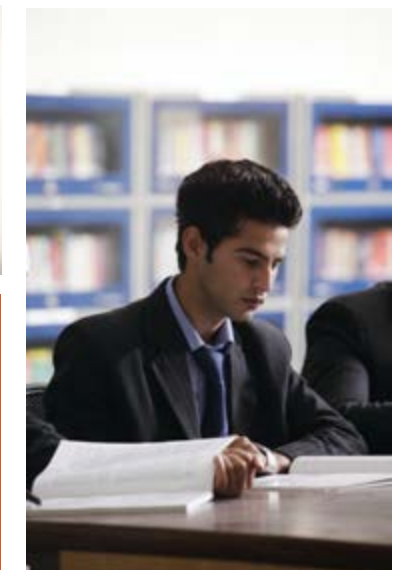
Here are some of the ways you can expect to learn at **Beehive**



Peer-group learning is where you will be asked by the tutor to direct a lesson or prepare a presentation on a specified subject with your fellow classmates. By interacting with the lesson material, you will become experts in the area and remember the content more effectively.



Lectures are where you will listen to experts sharing their knowledge and discoveries in challenging and thought-provoking ways. You will be introduced to key facts and ideas in a way that will help you to build a sound and up-to-date knowledge base and gain an appreciation of how and why we have reached our current stage of understanding in the field. You can expect to do more than just listen during a 50-minute lecture – you will be asked to consider different viewpoints, make on-the-spot judgements and decisions, and solve problems.



Your **class coordinator** is an academic member of staff assigned to you for the duration of your study. They will support your progress, and the development of your transferable skills, and assist with any welfare issues.



Laboratory-based work is your chance to recreate some of the groundbreaking experiments that push forward the boundaries of knowledge within your field.

Small group learning occurs regularly and is led by academic members of staff. These group sessions will be particularly intensive during your first year to help you make the transition to college. They will include seminars, workshops and academic tutorials where you will have a chance to present and share your ideas, debate opinions with fellow students, discuss assignments on particular problems and topics with the guidance of a staff member.

MBA



Business Management at Beehive provides an opportunity to study Management on its own or alongside one of a large number of the other disciplines taught at the College. The degree integrates models and theories of managing people and organisations within the context of the external environment.

What is MBA?

- Work-integrated learning experiences
- Projects designed to transfer knowledge and skills
- Strong ethical standards in business and management applications
- Participative management practices to foster teamwork
- Environmental management in business to ensure sustainability for later generations
- Multi-disciplinary perspectives to problem-solving
- Highly qualified academics with practitioner experiences in the business world
- Stakeholder engagement in programme design and study tours that integrates both the theory and practice, and provides an enriching global learning experience.

How you will study?

In addition to classroom teaching, primary focus is laid upon case studies, role-play, simulations, experiential and process-oriented learning, internship, presentations, seminars, guest lectures, group assignments, compulsory mentorship and management fests which not only hone decision making skills but also develop team skills, preparing the students to take on the intricacies of the real world.

Placements

- ABN Amro Bank
- Acquis Software
- Aviva Life Insurance
- CitiBank
- CSIR India
- GE
- HCL Infosystems
- Hewlett Packard
- Honey Well
- IBM
- ICICI Home Loans
- I-Gates Solution
- Infosys
- Mind tree
- Oracle Financial
- Reliance Infocom
- Trigent
- Wipro-E-Peripherals
- Shoppers Stop
- Pepsi
- Deloitte
- Pantaloon Retail India
- P Morgan
- Novartis

Students benefit from the **strong reputation** of the college and **strong links** with **industry**.



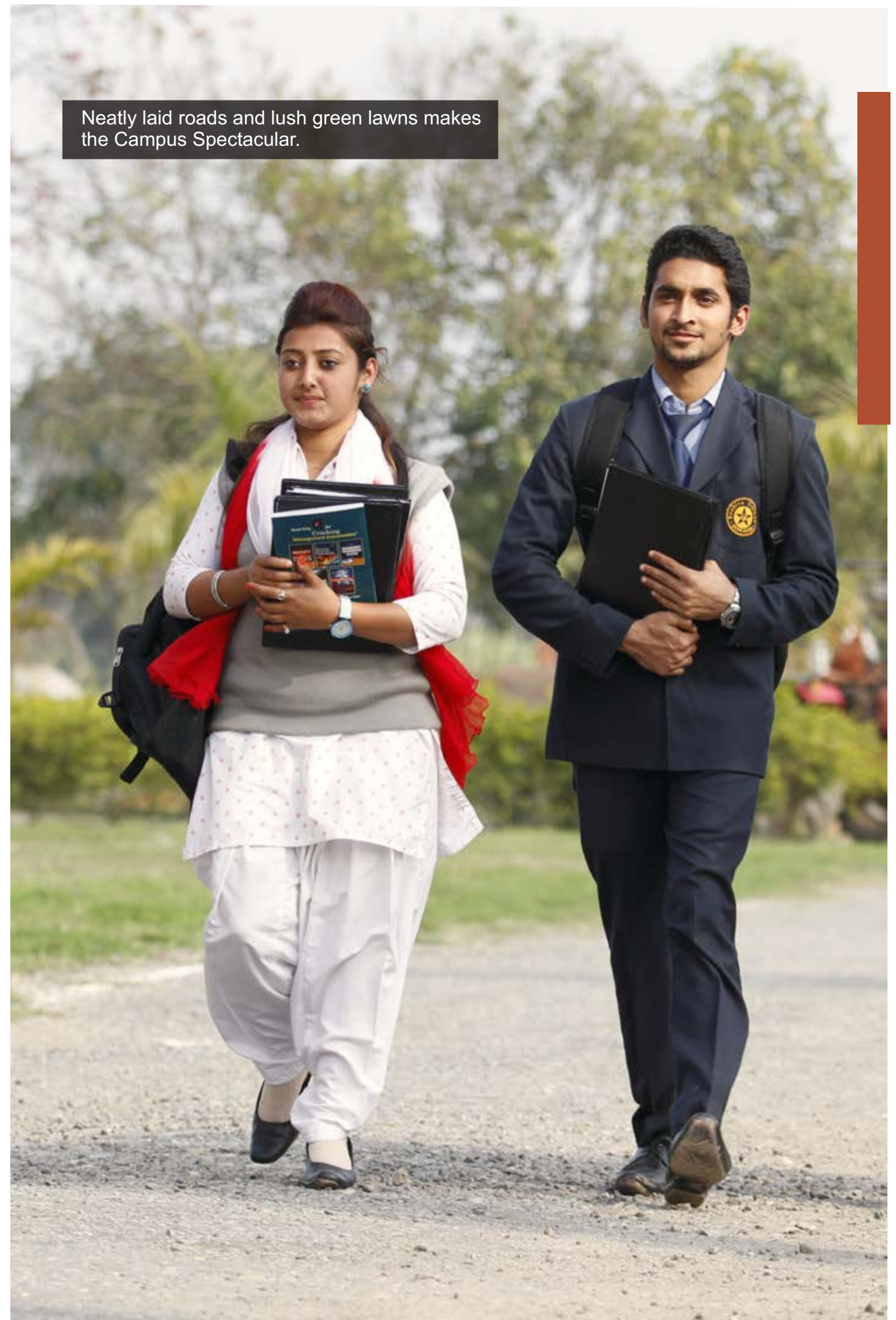
Students Profile

Saurabh Tyagi
MBA Student

At Beehive we are not only limited to Classroom studies but the focus here is on, all-round development. As we have ample of infrastructure available, students are encouraged to participate in various activities beyond classrooms.



Neatly laid roads and lush green lawns makes the Campus Spectacular.



Why you should choose MBA at **Beehive**?



The Beehive Edge

- Consistently ranked in top 10.
- Teaching Methodology is responsive to national and international needs.
- Develops competitive and career-centered skills

Get that dream job

- Each year Beehive achieves almost 100% placements.
- 80% of our graduates move into top level job.
- 8.5 Lacs was the highest package last year.



Interactive

- The use of a range of teaching methods.
- Formal lectures, case studies, group-work and self-study exercises.
- Workshops & Conferences

Get the right tools to Succeed

- State-of-the art library
- Our flexible learning style gives you the opportunity to shape your studies to your developing interests.



1st FOR STUDENT
SATISFACTION
THE WEEK SURVEY

31st IN A SURVEY
OF TOP 50
COLLEGES

1st IN EMERGING
INSTITUTE
OUTLOOK SURVEY

B.Sc. Agriculture



This course offers a unique opportunity to develop your understanding of agriculture: the production of crops and animals; the interactions between agriculture and the wider environment; and the business and marketing skills needed to manage agricultural systems in a sustainable and profitable way.

What is Agriculture?

India's agricultural industry is a key part of the world's food supply system. The population of the world is tipped to reach 9.5 billion by 2050 and the world will have to feed and clothe 50 per cent more people than we do now without destroying the planet. The challenges of a rapidly growing population, climate change, and the limitations of land and fresh water all impact on the ability of agriculture to meet the demand for food, fibre and fuel. As a student graduating in Agricultural Science, will investigate how to address this demand by developing an understanding of the complex factors that shape agricultural systems.

What you will study?

Curriculum of Agriculture course is very broad and inter-disciplinary, consisting of courses in Agronomy, Horticulture, Plant Pathology, Entomology, Agriculture Economics, Extension Education, Genetics and Plant Breeding, Soil Science, Food Technology, Animal Husbandry apart from supporting courses in basic sciences, Humanities and Agriculture Engineering.



Job Prospects

- Research Officer
- Quality Assurance Officer
- Agriculture Officer
- Horticulture
- Dairy Farms
- Agriculture Loan Officer (in Banks)
- Production Manager
- Operations Manager
- Farm Manager
- Assistant Plantation Manager
- Territory Manager
- Trial coordinator
- Technical Manager
- Agricultural Research Scientist
- Agriculture Development Officer

Eligibility

10+2 with Physics, Chemistry and Biology as compulsory subjects and with minimum 45% marks.

Duration of Course

Four years course with six months of compulsory rotary internship, comprises of eight semester, each semester is of six months.

B.Sc. Forestry



This course is conducted through conventional lectures and practicals as well as through excursions and interactions. Emphasis is laid on silviculture, forest ecology and environmental conservation, forest mensuration, diseases and pest management, statistics and research methods, forest resource utilisation (wood and non-wood forest products), forest resource survey including aerial photo interpretation and satellite data interpretation and computer applications.

What is Forestry?

B.Sc. Forestry program is 4 years regular degree program. The main aim of this program is to train students to become Forestry professionals. The tasks of forestry professional are- conserving forest and forest resources, conserving and protecting wildlife, manage forest resources, develop forest and forest resources etc. B.Sc. Forestry program trains students and instills skills in them, which will help them perform the above mentioned tasks. Also, the program has been designed to provide the students, knowledge about latest technology used in the field of Forestry. Forestry is the science and art of managing tree plantations, forests and related resources.

Job Prospects

Ample job opportunities are available for B.Sc. Forestry graduates in the Forest Department of Indian Government. One may lend the job of a forester or forest department officer in State Governments' Forest Department. For this, one has to go through the selection process and examination though. In case of private sector jobs, some job posts available are- plantation and resort manager, forest product marketing, forest products purchasing manager, Research and Development sector etc.

Divisions

- Climate change
- Biological conditions of Forests
- Silviculture
- Forest Entomology
- Forest Ecology and Environment
- Forest protection
- Forest Phytopathology
- Forest Soil Science and Forest Fertilization
- Forest Work
- MechanizationForest Utilization
- Dendrological Garden
- Forest Engineering
- Wood production,
- Forestry Economics.

Eligibility

10+2 with Physics, Chemistry and Bio/ Maths as compulsory subjects and with minimum 45% marks.

Duration of Course

Four years course with six months of compulsory rotary internship, comprises of eight semester, each semester is of six months.



Beehive College of Advance Studies

[www..beehivecollege.com](http://www.beehivecollege.com)



Established in the **year 2002**, is one of the most renowned college in Dehradun City. College has as many **10 professional courses** in Medical & Life Sciences, Management, Information Technology and Education. The campus houses excellent student facilities.

Highlights

- Approved by NCET and Ministry of HRD, Govt. of India
- Affiliated to HNB Garhwal Central University
- Unmatched Infrastructure
- Well stocked library
- Theater style classrooms
- Highly qualified faculty

| | |
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| M.Sc. Microbiology | pg#51 |
| M.Sc. Chemistry | pg#52 |
| B.Sc. Biotechnology | pg#53 |
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Science - At a Glance

Department of science provides teaching and research through a number of courses.

86.5% of Science Department academic staff have Doctoral qualifications.

Unparalleled provision of buildings, labs and equipment for science students.

An excellent reputation, insistence on the highest standards, a strong commitment to the best teaching practices.

M.Sc. Biotechnology



Biotechnology is the application of biology to improve the quality of human life. It is a technology based on the unique properties of biological molecules, cells and organisms, and provides new ways of diagnosing disease, producing antibiotics and other chemicals, reducing industrial contamination of the environment and improving food safety.

What is Biotechnology?

The main thrust of the programme is on research support, leading towards scientific excellence, development of new products or processes, large scale demonstrations and validation of R&D leads. This advanced course covers various sub-disciplines of biotechnology such as medical, plant, environmental and bioprocess engineering and is designed to suite both manufacturing, and R&D programs. Students are given strong insights into both theoretical and practical aspects of individual courses and subjects

What you will study?

Typically, M.Sc. is a two year course, minimum eligibility for which is a B.Sc. Biotechnology or equivalent with subjects such as physics, chemistry, biotechnology and

mathematics. Biotechnology applies technological methods to biological systems and living organisms to customize products and processes. Typical subjects studied under this degree are Biochemistry, Molecular Biology, Biophysics, Immunology, Genetic Engineering, Plant Biotechnology, Animal Biotechnology, Environmental Biotechnology, Agricultural Biotechnology, Medical Biotechnology, Cell Biology, Microbiology etc.

Job Prospects

- Energy production
- Chemicals experimentations
- Waste management
- Food processing
- Environment control
- Public funded laboratories
- Bio-processing industries
- Drug and pharmaceutical research

Infrastructure

- Ultra Cooling Centrifuge
- Deep Freezer
- UV-VIS
- Spectrophotometer
- HPLC
- RT-PCR
- Walk in cold chamber
- Nano drop
- Hot air oven
- Fermentor
- BOD Incubator
- Gel Electrophoretic Units
- Incubator
- Laminar Air Flow
- High End Microscopes

Eligibility

Graduation in life sciences with 50% of marks

Duration of Course

Two years course, comprises of four semester, each semester is of six months.

Experts **guest faculty** from **Industry**, deliver lectures on **contemporary topics**

M.Sc. Chemistry



The M. Sc. in Chemistry program is designed for students who desire to have their education in a specific set of advanced topics and cutting-edge research that they require for their professional lives or to pursue their studies further in this specific branch of Science.

Why M.Sc. Chemistry?

- Beehive college is committed to excellence and to providing the highest quality postgraduate education and researcher experience.
- You will benefit from our links with industrial scientists, often from pharmaceutical companies, who regularly visit Beehive College to give presentations.
- You will develop transferrable skills that will improve your career prospects, such as project management, team-working, advanced data analysis, problem-solving, preparing and presenting oral and poster presentations, critical evaluation of scientific literature, advanced laboratory and computing skills, and how to effectively communicate with different audiences.

Job Prospects

Career opportunities include the chemical or pharmaceutical industry, from bench work and instrumentation to regulatory affairs, health & safety, and intellectual property/patents. Research-related jobs usually require a PhD, for which this programme provides an ideal preparation.

Study with us because?

- We are consistently ranked in the top tier of science colleges for Infrastructure and Teaching Methodology.
- Our students are sought after by many sectors of business including the chemical, manufacturing and service industries
- You will benefit from state-of the-art teaching laboratories and study facilities, and a flexible and interactive course structure

Eligibility

Science graduate with chemistry as compulsory subject and with minimum 55% marks.

Duration of Course

Two years course, comprises of four semester, each semester is of six months.



Students Profile

Deepti
M.Sc. Chemistry

The way that independence and assisted focus were combined in Chemistry at the Beehive College gave me exactly the kind of experience I needed.



M.Sc. Microbiology



A constantly changing and advancing science it has spawned the evolution of modern scientific disciplines like microbial biotechnology, genetic engineering, immunology, molecular biology, and genomics.

What is Microbiology?

M.Sc Microbiology is a two year regular degree program affiliated to HNB Garhwal University.. Microbiology, one of the three classical disciplines in the Biological Sciences is an extremely diverse and complex field. The science of Microbiology is very complex involving basic and applied sciences closely.

The syllabus documents reflect all the priority areas to formulate an effective document to guide future research in the next decade. Forestry is the science and art of managing tree plantations, forests and related resources. Today with the discipline of Microbiology poised to solve many challenges (in health, energy, environment etc) facing mankind, The course is designed to provide students with training and research experience that will prepare them for a wide range of careers in pure and applied sciences.



After Course completion the student will have developed **strong practical research, analytical and problem-solving skills** and other transferable skills

Job Prospects

- Scientist
- Research Assistant
- Technical Assistant
- Field Assistant
- Project Assistant
- Lecturer
- Associate professor
- Medical Microbiologists
- Agricultural Microbiologists
- Industrial Microbiologists
- Marine Microbiologists
- General Microbiologists

Scope

- Food processing companies
- Agricultural companies
- Pharmaceutical companies
- Laboratories
- Formulation research firms
- Analytical development sector
- Clinical research units
- Private Hospitals
- Cosmetic industry
- Bottling Plants
- Dairy Industries
- Fertilizer industries

Eligibility

Science graduate with CBZ/ Microbiology/ Industrial Microbiology as compulsory subject and with 50% Marks.

Duration of Course

Two years course, comprises of four semester, each semester is of six months.

B.Sc. Biotechnology with (CBZ)



Biotechnology is a technological application that uses biological system, living organisms that uses biological systems, living organisms, or processes for specific use.

What is Biotechnology?

The modern biotechnology field is constantly evolving. It uses many current technologies such as protein production and purification, genomics and combinational chemistry, to produce foods, drugs and other products. The Bachelor of Sciences (Biotechnology) provides training in both the molecular basis for biotechnology and the bioprocess technology required for the development of biotechnology products. The program is based around the recognised research strengths of the University of Adelaide in molecular biology, animal, plant and microbial biotechnology, structural biology and bioprocess engineering. It provides students with a unique cross disciplinary approach, which incorporates expertise from the Faculty of Sciences and the Faculty of Engineer.

Job Prospects

- Biotechnology companies
- Food and drink manufacturers
- Health service organizations
- Law Enforcement Bodies
- Universities and research institutes
- Pharmaceutical companies
- Conservation organizations
- Horticultural industries
- Agricultural industry
- Patent Offices
- Environmental safety organizations
- Forensic Labs
- Hospitals and Medical Laboratories



Students Profile | Monisha Rwat

Overall experience with the college was really good. We really had fun attending the classes, as teachers have made the lectures participative.



Infrastructure

- Ultra Cooling Centrifuge
- Deep Freezer
- UV-VIS
- Spectrophotometer
- HPLC
- RT-PCR
- Walk in cold chamber
- Nano drop
- Hot air oven
- Fermentor
- BOD Incubator
- Gel Electrophoretic Units
- Incubator
- Laminar Air Flow
- High End Microscopes

Eligibility

10+2 with physics, chemistry and biology as compulsory subjects with 50% minimum marks

Duration of Course

Three years course, comprises of six semester, each semester is of six months.

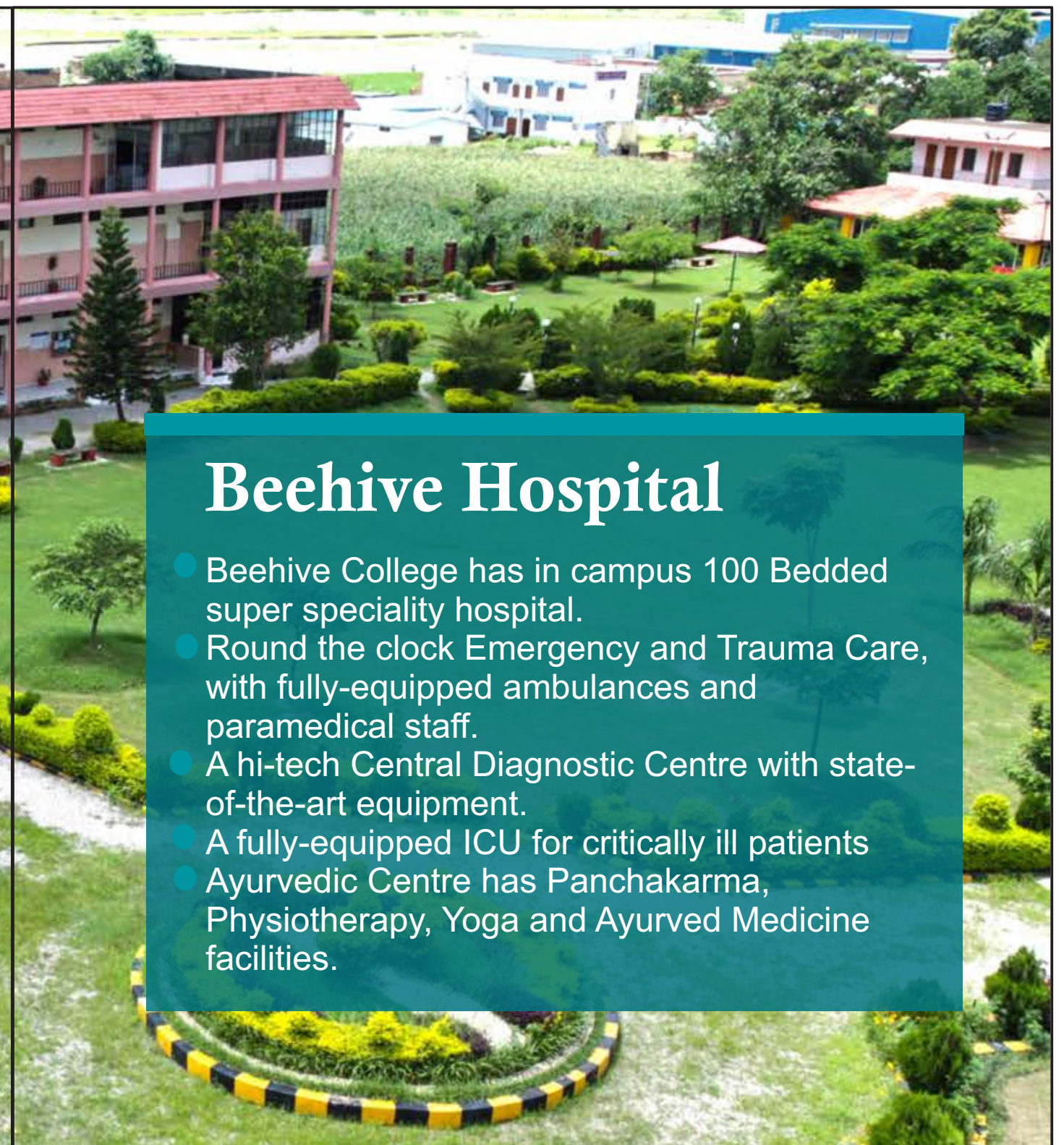


“Our students are at the heart” of all we do...”



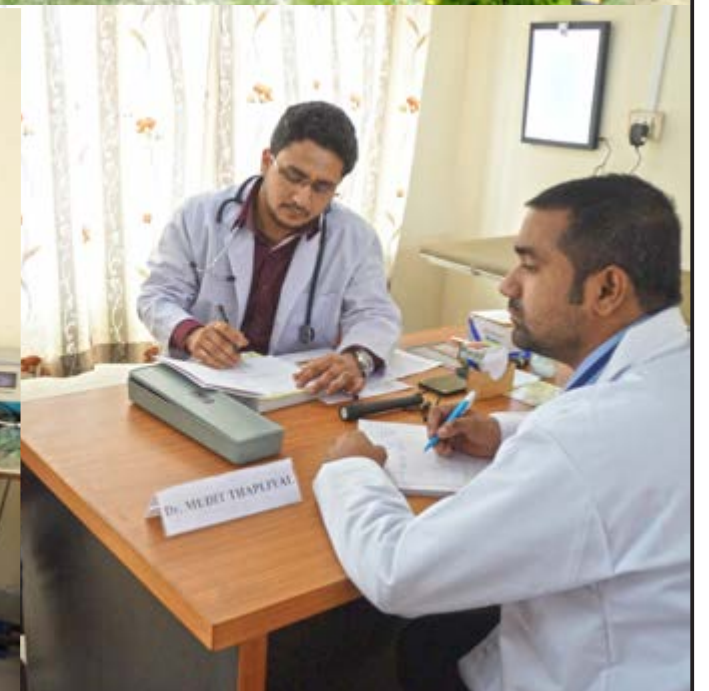
Glimpses from Annual
Biotechnology Symposium
BioLOGIC





Beehive Hospital

- Beehive College has in campus 100 Bedded super speciality hospital.
- Round the clock Emergency and Trauma Care, with fully-equipped ambulances and paramedical staff.
- A hi-tech Central Diagnostic Centre with state-of-the-art equipment.
- A fully-equipped ICU for critically ill patients
- Ayurvedic Centre has Panchakarma, Physiotherapy, Yoga and Ayurved Medicine facilities.



(BPT) Bachelor of Physiotherapy



The BPT course is designed to meet the international standards and is recognised by the IAP and accepted by regulatory bodies in India and abroad. The program is taught by qualified faculty and has a balanced exposure of both academic and clinical training.

Common Areas

- Outpatients
- Orthopaedics
- Neurological rehabilitation
- Cardiac disorders
- Pulmonary disorders
- Postoperative care
- Intensive care
- Paediatrics
- Women's health
- Care of the elderly
- Mental illness
- Learning difficulties
- Occupational health
- Terminal illness.

What is Physiotherapy?

Physiotherapy is an evolving profession worldwide which work for the benefit and rehabilitation of the differently able individuals. Physiotherapy means physiotherapeutic system of medicine which includes examination, treatment, advice and instructions to any person preparatory to or for the purpose of or in connection with movement dysfunction, body malfunction, physical disorder, disability, healing and pain from trauma and disease, physical and mental conditions using physical agents including exercise, mobilization, manipulation, mechanical and electrotherapy, activity and devices or diagnosis, treatment and prevention. It is a health care profession which enables an individual to do what he needs to do and wants to do.

Job Prospects

- Working as an independent Physiotherapist and set-up his/her own clinic, can do private practices.
- Seeking employment in government hospitals, clinics, Nursing homes and private hospitals.
- Providing access to sports institutions.
- Accepting teaching profession as a career with Colleges of Physiotherapy.

Eligibility

10+2 with Physics, Chemistry and Biology as compulsory subjects and with minimum 50% Marks

Duration of Course

Four and a half year Degree Program with six months of compulsory rotary internship



Students Profile

Teena Sindhi
BPT

Throughout our journey in the Beehive, we are being groomed, nurtured & evolved as a student, individual and a true Physiotherapist. The faculty at Beehive is truly intellectual and caring. This Institute has become an integral part of our lives.



(BBA) Bachelor of Business Administration



The BBA course at Beehive College provides a strong foundation in core business disciplines, helping participants to acquire the key competencies needed by all business management students at an undergraduate level in a diverse

What is BBA?

Bachelor of Business Administration is a three-year fulltime course which aims towards building future professionals rather than mere degree holders. The course is designed to give students the basic understanding of the management concepts and an understanding of doing business. The structure of the program is so planned that it equips the students to imbibe holistic education and requisite skills. Throughout the coursework students get an opportunity to earn the basic managerial skills and communications skills.

What you will Study?

The academic framework of the program includes several live industry projects, surveys of real life situations, intense industry internship, global immersion program and hands-on

experience in the world of business. First year is to build the basic concepts in various business related subjects, while the second year is devoted to specialized subjects. Students choose one of the five streams for their third year and pursue their training in the chosen functional areas:

- Digital and social media
- marketing
- Retail marketing
- Automotive marketing
- Supply chain and logistics management



Students Profile

Momita Panda
BBA

The BBA program was a perfect fit for me. The experience was very rewarding because I was able to engage with my fellow students in a constructive atmosphere and had the support of an amazing faculty.



Job Prospects

- Banking and Finance.
- Sales and Marketing.
- Human Resource. Department.
- Operations.
- Supply Chain Management
- Logistics
- Store Manager
- Strategic Consultant
- Own Business
- Entrepreneur
- Auditor
- Advisor
- Company Manager

Eligibility

10+2 with minimum 45% marks in any stream

Duration of Course

Three years course, comprises of six semesters, each semester is of six months.

(BCA) Bachelor of Computer Application



BCA provides a foundation of computing principles and business practices for effectively using/managing information systems and enterprise software. It helps students analyse the requirements for system development and exposes students to business software and information systems.

What is BCA?

Information application is becoming wide spans from manufacturing to service sectors. In a knowledge based Society, Information Technology as a subject of study has gained special status. Beehive is catering to the growing need is offering undergraduate and postgraduate programs. In BCA course, students get a strong exposure to all the nuances of computer sciences more specifically in programming languages, software engineering, computer design and architecture.

What you will study?

- Programming in C
- Introduction to Information Technology
- Computational Methods
- Digital Computer
- Fundamentals Object
- Oriented Programming with Software Engineering

- Software Testing
- System Analysis & Design
- Database Management Systems
- Computer Architecture
- Operating Systems
- Data Communications and Networking
- Programming in Java
- Multimedia Systems
- Microprocessor & Assembly
- Language Programming
- Computer Graphics

Job Prospects

BCA graduates can initiate their career in either Private or Government sector as there are a large number of employment opportunities in these sectors. BCA graduates may look forward to rewarding career in several spheres like: system and network administration, web designing, software programming, database administration etc.

Infrastructure

- Algorithms
- Microprocessors
- Systems Programming
- Computer Networks
- Computer Architecture
- COBOL/C/C++/Java
- DBMS/OOAD
- UNIX
- Simulation & Modeling
- Operations Research
- Microsoft Learning Centre

Eligibility

10+2 with 45% marks with Maths as compulsory subject.

Duration of Course

Three years degree program, comprises of six semesters, each semester is of six months.

(B.Sc. IT) Bachelor of Science in Information Technology



B.Sc. IT is a vocationally oriented program emphasizing the resolution of technological problems leading to the effective management and analysis of information in both private and government sectors.

What is B.Sc. IT?

The B.Sc. IT is designed to provide basic inputs for a broad understanding of IT and its interfaces. The focus is on "Information Technology and Management of IT". Today, smart, successful businesses use IT to give them an extra-edge to stay ahead of the competition. IT is soon becoming a 'driver' rather than an 'enabler' of business. It is used for processes like Office-Automation, Management Information Systems for fast decision making, R&D, re-engineering and organizational transformation. The program takes the students beyond computer skills to Telecommunication systems and Networking to e-commerce, internet security and Enterprise Resource Planning. This program will give a strategic

Objectives

- Imparting knowledge of Computer and programming logic environment in IT.
- Develop strong analytical and problem solving skills.
- Skill to work with advanced IT applications in different business sector.
- Equipping students with the technical knowledge required for an IT professional to handle multi-tasking and multi-programming situations and to assess and develop computer based solutions.

Eligibility

10+2 with minimum 45% marks in any stream

Duration of Course

Three years course, comprises of six semesters, each semester is of six months.

Job Prospects

- IT Consultant
- Network Administrator
- Web Developer
- Systems Support Administrator
- Security Agencies
- Security Expert
- Tracker
- Software Engineer
- Computer Programmer
- Interface Engineer
- Java Developer
- Project Manager
- Information Security Analyst

IT infrastructure at Beehive is one of the best. Over **600 computers** and **4 Labs** comprising of LED TVs, which help faculties to explain in a better way to the students.

(M.Sc. IT) Master of Science in Information Technology



M.Sc. IT prepares students to work in a focussed, dynamic and rapidly expanding field of digital technology. Course focuses on developing students knowledge and skills in the design and implementation of computer system.

What is M.Sc. IT?

Information Technology is now fundamental in every aspect of our daily lives. IT systems are crucial for delivering every day services such as banking, web based services and information systems.

The M.Sc. in Information Technology is a full time, two years taught course, intended for students who are seeking a professional career in the IT industry.

capable of designing and implementing IT systems for a wide range of organisations.

The course has been specifically designed to suit the requirements of the IT industry, where you will be able to take up technical or management positions. Our graduates enter employment in many roles, including computer programmers, technical authors and research associates.

Infrastructure

- Algorithms
- Microprocessors
- Systems Programming
- Computer Networks
- Computer Architecture
- COBOL/C/C++/Java
- DBMS/OOAD
- UNIX
- Simulation & Modeling
- Operations Research
- Microsoft Learning Centre

Eligibility

Graduation from any stream with 55% marks.

Duration of Course

Two years degree program, comprises of four semesters, each semester is of six months.

What you will study?

The course covers a range of topics including advanced programming, user-interface design, software engineering and management.

This course will give you the knowledge of IT from an organisation oriented viewpoint, allowing you to be

M.Sc. IT course provides a **complete professional grooming**, which is essential for a **successful career** in the Information Technology industry.

(B.Ed.) Bachelor of Education



B.Ed. aims to prepare reliable, competent and sincere teachers, who have scientific attitude, capabilities and technical knowledge. .

What is B.Ed.?

Bachelor of Education (B. Ed.) is a under graduate professional degree which prepares students to work as a teacher in schools. The program will train teachers to understand the nature, purpose and philosophy of secondary education, develop sensitivity to socio-cultural issues of national concern, foster creative thinking among pupils for reconstruction of knowledge, inspire their students to actively participate in physical and yogic exercises, games and sports, develop positive attitude to teaching profession, make pedagogical analysis of the subjects they are to teach at the secondary stage, etc.

How you will Study?

Curriculum is made-up of Foundational, Professional, Experiential learning and Elective courses

- Special Courses for Enhancing Professional Capacities
- Competent, committed and experienced faculty
- Unique teacher internship program
- Modern separate labs for Science and Psychology, Social Studies and Educational Technology
- Computer lab with latest infrastructure and Multimedia and internet
- connection to all computers in the computer lab.
- IT applications in different business sector.
- Equipping students with the technical knowledge required for an IT professional to handle multi-tasking and multi-programming situations and to assess and develop computer based solutions.

Unique Features

- Intensive Teaching
- Workshops
- Pedagogical methods
- Creativity
- Project based learning with multimedia
- Soft Skills Training
- Communication skills
- Mentoring and Counseling skills
- Human skills
- Personalized Training

Eligibility

Pass in Graduation / Post Graduation (Sciences / Social Sciences / Humanities disciplines) with 50% and above aggregate marks.

Duration of Course

Two years course, comprises of four semesters, each semester is of six months.



Beehive Hostel

A Home Away from Home

The College understands that accommodation plays an important part in building a solid foundation for academic success.

Facilities

1. T.V.
2. Indoor Games
3. Telephone
4. Hot Water (Solar & Electric System)
5. Outdoor Games
6. Balanced & Nutritious Food Vegetarian & Non- Vegetarian (Dividing System)
7. Well Furnished Spacious Rooms

Rules & Regulations

- Beehive - Hostels Rules and regulation
- Right of admission to hostel is reserved.
 - Hostel fees must be paid for the full year before admission to the Hostel.
 - Hostel fee will not be refunded under any circumstances. Caution deposit will be returned at the end of the academic year.
 - Hostellers shall not change rooms without the written permission of the Warden.
 - A boarder must always carry the Identification



A New **Landscape** for **Learning**



Beehive College
DEHRADUN

Guide Map

