



ALPINE
Group of Institutes
DEHRADUN

Turning Dreams into Reality



PROSPECTUS

Key Mission



ALPINE GROUP welcomes you to a whole new world of opportunities under one umbrella with note worthy achievements and continuously adding on courses specially designed for students in the fields of Aviation, Technical Education, Life Sciences, Applied Sciences, Hospitality and Management. At Alpine our mission is to create an environment where students involve and prepare themselves for an intensely competitive world.

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About The Institute

NIAE Educational Society Dehradun, established in the year **1994** is running three premier institutions namely :

Alpine Institute of Aeronautics, (Approved by Directorate General of Civil Aviation, Ministry of Civil Aviation, Govt. of India).

Alpine Institute of Management and Technology, Affiliated to HNB Garhwal University (A Central University) Under UGC Min. of HRD, Govt. of India and Shri Dev Suman Uttarakhand University, Govt. of Uttarakhand.

Alpine College of Management and Technology, Approved by AICTE, Ministry of HRD, Govt. of India, PCI & Affiliated to UBTE Govt. of Uttarakhand.

Alpine is Catering to the needs of those deserving students who are keen to acquire quality and value based education.

It is one of the oldest and premier institutions in complete North India.

Alpine has earned a reputation as one of the foremost colleges in Dehradun in the field of Aviation, Technology, Applied Sciences, Life Sciences, Hospitality and Management.

Alpine Group of Institutes is always ahead in adoption and implementation of innovative teaching methods.





Message from the Chairman

We at Alpine do not sell dreams to students but transform their dreams into reality through highly dedicated and efficient faculty members along with the facilitation of well equipped state-of-the-art labs and libraries.

Best testimony of my statement is the achievement of students in university examinations. Alpine is unparalleled institute for learning. The attainment of perfection is its ultimate goal.

On behalf of complete Alpine Management, I wish all the students who will be joining Alpine, my best wishes are always with them for their future endeavors.

Dear Parents & Students,

With upcoming advancements, needs and expansion in the field of life sciences, Applied Sciences, Information & Aviation Technology and Management, There is a great demand of concerned professionals in these fields in India and Abroad.

We at Alpine Group of Institutes provides an adaptable environment for a gratifying career.

Our institute's endeavor is to transform new & aspiring students into highly qualified skilled professionals, who are adaptable in various employable organisations and are respected for their knowledge and skill.

“ When you know better,
you do better. ”

Anil Saini



*Honorable Chief Minister of Uttarakhand
Shri Harshdeep Rai
Honoring Mr. Anil Saini, Chairman, Alpine Group of Institutes*



*Honorable Chief Minister of Uttarakhand
Dr. Ramnath Kohli
Presenting the
Third Best Award 2009 for promoting technical education
in the field of Aviation in Uttarakhand to
the Best Chairmen, Alpine Group of Institutes*



*Honorable Chief Minister of Uttarakhand
Shri Gov. Shri. Chandra Shekhar
Honoring Mr. Anil Saini, Chairman, Alpine Group of Institutes*



*Honorable Governor of Uttarakhand
Shri. Sunder Lal Bahuguna
Honoring Mr. Anil Saini, Chairman, Alpine Group of Institutes*



*Honorable Minister of Education, Govt. of India
Shri. Kapil Sibal
Honoring Mr. Anil Saini, Chairman, Alpine Group of Institutes*

Message from the Managing Director

Dear Parents & Students,

Seasons Greeting and Heartiest Welcome from Alpine.

I realize how essential it is today to give each individual a fair chance to verge on and stay focused on a predetermined future “a career one has planned and desires to achieve one day”.

At Alpine, we are preparing students from immensely diversified backgrounds and cultures to realize their potential and to achieve their goals in this great journey of life, as we know life is a journey not a destination. What you are working on today will surely help in shaping great possibilities in your future and transform you to cater ever demanding requirements of employing Organizations.

Our teaching methodology is an important link, between our commitments to foster better results and enhance the overall personality of our students.

Our achievements in the past years and the promises of future rests on the talent, determination and energy of our dedicated faculty members. We greatly appreciate their efforts and enthusiasm as, without them, our continued success would be just an illusion. I would also like to thank each and everyone from management and supporting staff for their conscientious loyalty and trusted guidance.

At Alpine, it will be our endeavor to make your time an exciting and profoundly rewarding experience, which depends on your participation and self motivation with active and sustained involvements, leading to achieve better outcomes at all stages of life.

Mrs. Bhawna Saini
Managing Director



“ I am not a teacher, but
an awakener. ”

“ Be Inspired Light the Fire ”

We will bestow you
with the
POWER to
EXCEL

Message from the Director

Dear Parents & Students,

It is my pleasure to introduce, Alpine Group located in a beautiful and picturesque campus in Doon Valley nestled in the foothills of Himalayas. Globally, there is a need of skilled professionals in every sphere of this changing world.

We at Alpine transform students for their better tomorrow along with embodiment of social ethics and moral values to make them a true national and faithful follower of society. Our youths are back bone of our country and we along with all teachers, professionals and supporting staff take it as our duty to provide them with best facilities and opportunities for their better tomorrow with constant guidance from our Chairman and Managing Director.

We have transformed ourselves to be one of the best learning platform at Dehradun with a great bio-diversity of flora and fauna which is still unexplored. We have excelled ourself to explore Northeast, J&K, South and other places in our country to meet the requirements of students searching for better teaching methodology and adaptable environment in the field of Applied Sciences, Life Sciences and demanding technologies of future.

We at Alpine address all the questions of students ensuring our priority out comes for all students also how we should work together for our students to achieve them. As the Director of the Institute, I invite you to visit our campus and give us valuable suggestions for its betterment and further I assure you for full Co-operation and care as one gets in a family, same being ensured at Alpine.

Looking Forward.....

S.K Chauhan
Director

Our
VISION
your
FUTURE

“ Keep Learning
for a better and
safe tomorrow ”

Our Approvals and Affiliations



DGCA
(Ministry of
Civil Aviation)

The Directorate General of Civil Aviation (DGCA) is responsible for implementing, controlling, and supervising airworthiness standards, safety operations, crew training in India. It is the regulatory body governing the safety aspects of civil aviation in India. It provides the role and functions of the organization and the various existing and newly created directorates/ divisions of DGCA in a consolidated format.



HNB Garhwal
(Central University)
(Approved by UGC and
Min. of HRD, Govt. of India)

On December 1st., 1973, the inception of the Garhwal University was fulfilled. Thereafter, the University was rechristened as Hemwati Nandan Bahuguna Garhwal University in 1989 in commemoration of the memory of the leading statesman of the country and son of the soil of late Shri Hemwati Nandan Bahuguna. Srinagar has strongly emerged as a centre of higher learning and research with the establishment of the university. The H.N.B. Garhwal University has now been upgraded as a Central University w.e.f. 15th. Of January, 09 by Central University Act, 2009. (Approved by UGC & Min. of HRD Govt. of India). It is considered to be among the top ten large universities in the country.



Shri Dev Suman
University

Sri Dev Suman Uttarakhand University is established as a State University of Uttarakhand vide State Government notification No 270/XXXVI(3)/2012/48(1)/2012 dtd 19th October, 2012 in continuation to amendment of erstwhile Pt Deen Dayal Upadhyay Uttarakhand Vishwavidhyalaya Act. 2011 (Uttarakhand Act No 22 of 2011) as notified by State Government vide No 357/XXXVI(3)/2011/57(1)/2010 dated 4th November, 2011. The University, nestled in the lap of Himalayan ranges in the Tehri Garhwal and having jurisdiction over seven districts viz. Chamoli, Raudraprayag, Pauri, Tehri, Uttarkashi, Haridwar and Dehradun of Garhwal region of Uttarakhand. The famous Tehri Dam along with a huge lake between mountains, situated at a distance of 20 km from university campus, is a recent addition to the tourist attractions in the area.



All India Council for
Technical Education

All India Council for Technical Education was set-up in November 1945 as a national level Apex Advisory Body to conduct survey on the facilities on technical education and to promote development in the country in a coordinated and integrated manner. And to ensure the same, as stipulated in, the National Policy of Education (1986), AICTE be vested with statutory authority for planning, formulation and maintenance of norms and standards, quality assurance through accreditation, funding in priority areas, monitoring and evaluation, maintaining parity of certification and awards and ensuring coordinated and integrated development and management of technical education in the country.



Pharmacy Council
of India

Pharmacy Council of India as a Pharmacy educationist regulatory body has realized the need to strengthen and upgrade the pharmacy curriculum to produce competent pharmacist workforce which is able to meet the growing demands of the industry and community.



Uttarakhand Board of
Technical Education

The board has been set up by an act no. 27 of 2003 as passed by Uttarakhand legislative assembly and assented by governor on 13th Jan 2004 and notified on 15th Jan 2004. It provides for the establishment and constitution of Board of Technical Education in Uttarakhand and for matters connected therewith or incidental thereto. The act is enacted by state assembly in 54 year of India. It shall be deemed to have come in to force from the date of notification issued by the state government. It extends to the whole of Uttarakhand state.



B.Sc. Agriculture

India is best known for its traditional and innovative approach in the field of Agriculture, which has transformed it among the largest producers of vegetables and fruits in the world and has an equally strong floricultural base. Today India's agriculture has become globalised and the idea of integrating Indian agriculture with the world economy is getting support. India has enormous potential as an exporter of agricultural commodities ranging from mushrooms to flowers, spices, cereals, oil seeds and vegetables. In the field of fruits and vegetables too, it is reflecting tremendous export potential.



Eligibility :-

10 + 2 (PCM/PCB/Agriculture) with minimum 45%

Career Scope :-

One can choose career under ICAR in the areas of research and can be an Agricultural Research Scientist (ARS).

One is also eligible to apply for the jobs offered by banks, finance sector, seed companies, breeding farms, poultry farms and insurance companies and for the postgraduates in the field of agriculture and allied areas one can opt for field Officer, Rural Development Officers and Agricultural and Probationary Officers.

With commercialization of Agriculture there are various opportunities in Multi National Companies (MNCs) like ITC, HUL etc.



B.Sc. Forestry

Forestry is the science and craft of creating, managing, using, conserving, and preparing forests and associated resources to meet desired goals. Issues like global warming, deforestation, global climatic changes, water scarcity, natural disasters etc. are all related to the effective and controlled use of forest wealth.

Eligibility :- 10 + 2 (PCM/PCB/Agriculture) with minimum 45%

Career Scope :-

- Government jobs in forest department and wildlife
- NGOs
- Corporate houses
- Research work
- Teaching jobs
- Photography, Film making, Wildlife journalism.
- Organizations like FRI, World Wild Life Fund (WWF), Centre for Environment Education, Tata Energy Research Institute (TERI) and consultancy firms like Ernst and Young hire a great number of Forestry graduates.

B.Sc. Biotechnology (CBZ)

At its simplest, biotechnology is technology based on biology-biotechnology harnesses cellular and biomolecular processes to develop technologies and products that help in improving our lives and health of our planet. This program emphasizes the development of skills, knowledge and understanding relevant to biotechnology industry and provides a knowledge of a wider range of modern biotechnology; commercialization of products and marketing, including business planning and project management and an understanding of the ways in which research and development are undertaken.

Eligibility :- 10 + 2 (PCB) with minimum 45%

Career Scope :-

- Job opportunities in Government as well as private sectors.
- Research oriented programs
- Teaching Jobs



B.Sc. (Hons) Aircraft Maintenance Engineering

B.Sc (Hons) AME is an undergraduate degree programme in combination to Aeronautical Engineering and Aircraft Maintenance practices with duration of three years. Aircraft Maintenance Engineers are responsible for keeping the aircrafts in airworthy conditions. They are also involved in the design, repair and maintenance of aircrafts. This course teaches the fundamentals of propulsion, electronics, and fluid dynamics. Aircraft Maintenance Engineering is a degree programme which is a confluence of theory and practical (Aircraft Maintenance which is laid down in 6 semesters) on all above topics and a practical training on live aircraft. (Alpine is the only institute having its own Aircrafts as Beech Bonanza A-35, R-22 Helicopter & Learjet 25-B Heavy Aircraft).



Eligibility :-

10 + 2 (PCM) with minimum 45%

Career Scope :-

India is a fastest growing aviation market in the world. Due to the liberalization policies of the government there is a tremendous growth in the aviation industry in India. Many private airlines and corporations viz. Go Air, Jet Airways, Spicejet, Vistara, Indigo etc. are operating today with very good operating revenues, as per report with 1080 aircraft orders, India will be the 3rd largest buyer of passenger planes in the world. To meet the operational need of the airlines, cargo aircrafts, private jets, business jets, general aviation and MRO Industries, there will be 3.3 lacs new jobs by 2020 in Indian Aviation Industry as per Government of India estimation & planning.

B.B.A & B.Com

Program Objectives : Management is one of the largest, most varied and most interesting areas of work in the global economy. Globalization process has entailed tremendous organizational changes in the present time.

The institute's concern for conducting these programmes emerged from the appreciation of a responsibility to offer a quality management education to the young practising and in service executive organizations.

The focus of these programs is to inculcate among the students such knowledge, skills and abilities which would enable them to work effectively and to assume higher levels of managerial responsibilities. Sales managers advise the sales representatives on ways to improve their sales performance. In large, multi product firms, they oversee regional and local sales managers and their staffs. Sales managers maintain contact with dealers and distributors. They analyze sales statistics gathered by their staffs to determine sales potential and inventory requirements, and to monitor customer preferences. Such information is vital in the development of products and maximization of profits.

Eligibility :-

B.Com : 10 + 2 (PCM/PCB/Commerce) with minimum 45%

B.B.A : 10 + 2 (All stream) with minimum 45%

Career Scope :-

A business graduate can work as an Executive or Assistant Manager in any of the business organizations, manufacturing companies, export or trading houses, financial concerns, banks, NGOs, PSUs or multinational corporations.





BCA & B.Sc. IT

Program Objectives : Computer Applications & Information technology is widely regarded as the industry of the future. With all the computers, tablets, smartphones and other hightech devices our society is dependent on, we need the skills of professionals in technology jobs to make our obsession with tech possible.

Indian IT qualified persons are working in the North America, Western Europe, Japan and South East Asia earning high positions & perks. These countries are relaxing visa conditions and permitting more and more IT persons to work with them. IT sector is growing at more than 50% every year. The collection, compilation and conversion of raw data into useful information and its transformation into knowledge towards the future benefits of all human endeavors has been at the core of every community activities.

Information Technology has a multiplicity of application and uses. For humankind the greatest rewards of this millennium is the unfettered availability of information to all at an affordable price.



Eligibility :-

BCA : 10 + 2 (Maths) with minimum 45%

B.Sc. IT : 10 + 2 (All stream) with minimum 45%

Career Scope :-

Computer & IT professionals can opt for various fields such as in academics, research, industry, government, private and business organizations- analyzing problems for solutions, formulating and testing, using advanced communication or multi-media equipment, or working in teams for product development. Companies like Infosys, Wipro, TCS, IBM, Mahindra Tech are the major employer for the same.



Bachelors in Hotel Management & Diploma in Hotel Management & Catering Technology

Program Objectives : Hotel Management is a course which introduces students to the fundamentals and different facets of the hospitality sector. It focuses on the contemporary developments in the field of hospitality concentrating on the analysis of supply and demand.

The twin concepts of 'Hotel' and 'Hospitality' have emerged and evolved through a long process and have primarily been an outgrowth of civilization and technological advancement. In terms of quantity and quality, this industry has been growing since eighteenth century. Today hotels (accommodation and lodgings) constitute the most important, visible and probably the vital segment to facilitate travel and tourism industry. Hotels, Motels, Restaurants and Clubs have witnessed phenomenal growth in the last two decades. Such growth is expected to multiply manifold in the coming decades.

Eligibility :-

BHM : 10 + 2 (All stream) with minimum 45%

DHMCT : 10 + 2 (All stream with English)

Career Scope :-

This programme offers tremendous opportunities both in India and abroad. It gives hotel management professionals the opportunity to work not only in five star hotels but to host other exciting avenues as well. This includes Luxury Liners, Clubs, Cruise, Railways & also in armed forces at an attractive salaries and with excellent perks. A certain amount of glamour is also associated to this industry.





M.Sc. Microbiology

In the present era of biological research, this applied subject is making a significant contribution towards scientific knowledge and in solving human problems.

Microbiology considers the microscopic forms of life as to their occurrence in nature, their reproduction and physiology, their harmful and beneficial relationship with other living things and their significance in science and industry.

The methods used to study bacteria and other microbes includes direct microscopic examination, cultivation, Biochemical tests, animal inoculation, serological reactivity and recent molecular biological techniques.

Eligibility :- Graduation (CBZ) with minimum 50%

Career Scope :-

- Job opportunities in many Life & Applied Sciences organisations.
- R&D and Q.C laboratories of government and private hospitals, research organizations, pharmaceutical, food, beverage and chemical industries.



M.Sc. Biotechnology

At its simplest, biotechnology is technology based on biology that harnesses cellular and biomolecular processes to develop technologies and products that help in improving our lives and health of our planet. This program emphasizes the development of skills, knowledge and understanding relevant to biotechnology industry and provides a knowledge of a wider range of modern biotechnology; commercialization of products and marketing, including business planning and project management and an understanding of the ways in which research and development are undertaken.

Eligibility :- Graduation (CBZ) with minimum 50%

Career Scope :-

- Job opportunities in Government as well as private sectors.
- R&D Labs, molecular diagnosis & Forensic labs of government and private hospitals, research organizations, pharmaceutical, and chemical industries.
- Special research programs organised by DBT & DST.



M.Sc. Zoology

Zoology is the branch of biology that relates to the animal kingdom, including the structure, embryology, evolution, classification, habits, and distribution of all animals, both living and extinct. Although the study of animal life is ancient, its scientific incarnation is relatively modern. Zoography, also known as descriptive zoology, describes animals and their habitats. Comparative anatomy studies of the structure of animals as given below :

- Animal Physiology
 - Behavioral ecology
 - Ethology (the study of animal behavior).
- The various taxonomically oriented disciplines as mammalogy, herpetology, ornithology identify and classify species and studies the structures and mechanisms specific to those groups.

Eligibility :- Graduation (CBZ) with minimum 50%

Career Scope :-

- Research Scientist
- Research Associate
- Wildlife Scientist
- Ecologist
- Wildlife Managers
- Science Writer
- Remote Sensing and GIS

M.Sc. Botany

Botany, Plant science(s), or plant biology is a branch of biology that involves the scientific study of plant life. Botany covers a wide range of scientific disciplines including structure, growth, reproduction, metabolism, development, diseases, chemical properties, and evolutionary relationships among taxonomic groups. Botany began with early human efforts to identify edible, medicinal and poisonous plants, making it one of the oldest sciences. Today botanists study over 5,50,000 species of plants. A good understanding of plants is crucial to the future of human societies as it allows us to:

- Produce food to feed an expanding population.
- Understand fundamental life processes of plant and its ecosystem.
- Produce medicine and materials from plants to treat diseases and other ailments.
- Understand environmental changes more clearly.

Eligibility :- Graduation (CBZ) with minimum 50%

Career Scope :-

- Research Scientist
- Research Associate
- Faculty
- Horticulture and Floriculture
- Ecologist
- Science writer
- Remote Sensing and GIS



M.Sc. Physics

Physics is one of the oldest academic disciplines, perhaps the oldest through its inclusion with astronomy. Over the last two decades along with chemistry, certain branches of mathematics, and biology, has brought the Scientific Revolution in the present era along with the natural sciences that emerged as unique research areas in their own way. Physics intersects with many interdisciplinary areas of research, such as biophysics and quantum mechanics, and the boundaries of physics are not rigidly defined. New ideas in this field often explain the fundamental mechanisms of other sciences, while opening new avenues of research in areas such as mathematics and other technologies.

Eligibility :- Graduation (Physics) with minimum 50%

Career Scope :-

- Medical physicist
- Research scientist
- Scientific laboratory technician
- Armed forces and defense industry
- Academic Institutions
- Govt. research organizations
- Telecommunications
- Aerospace, Engineering, Manufacturing, Oil and gas, Space exploration



M.Sc. Chemistry

The word 'Chemistry' itself is a wide term. It provides a large spectrum for research & work. A good chemist has a good hold on instrumentation, chemical analytical procedures, drug designing and its development.

On pursuing this course one can enter the world of chemical science involving various kinds of developments & creativity.

Eligibility :- Graduation (PCM/CBZ) with minimum 50%

Career Scope :-

One can have Job opportunities in the following areas: Polymer industry, paper and pulp industry, dye industry, pharmaceutical and paint industries, etc.

In various reputed chemical industries and research organizations like ONGC, Indian Oil and other oil and petrochemical industries, food and fertilizer industries, seed development industries and various mineral and material sciences. Faculty positions in various colleges are also available.





M.Sc. Agronomy

India is best known for its traditional and innovative approach in the field of Agriculture, which has transformed it among the largest producers of vegetables and fruits in the world and has an equally strong floricultural base. Today India's agriculture has become globalised and the idea of integrating Indian agriculture with the world economy is getting support. India has enormous potential as an exporter of agricultural commodities ranging from mushrooms to flowers, spices, cereals, oil seeds and vegetables. In the field of fruits and vegetables Marketing, it is reflecting tremendous export potential.

Eligibility :- B.Sc. (Agriculture) with minimum 50%

Career Scope :-

One can choose career under ICAR in the areas of research and can be an Agricultural Research Scientist (ARS).

One is also eligible to apply for the jobs offered by banks, finance sector, seed companies, breeding farms, poultry farms and insurance companies, Rural Development Officers and Agricultural and Probationary Officers.

With commercialization of Agriculture there are various opportunities in Multi National Companies (MNCs) like ITC, HUL etc.

M.Sc. Environmental Science

Environmental Science is basically the study of conservation of energy, biodiversity, climatic change, ground water and soil contamination and also to develop many technologies for treating air pollution, water pollution, sound pollution, industrial pollution, vehicular pollution and plastic menace. Lately, Environmental Science has emerged as sought after career, since people all over the globe have become more aware about keeping the environment clean and protected.

Eligibility :- Graduation (PCM/CBZ) with minimum 50%

Career Scope :-

- Environmental Scientists
- Environmental Journalists
- Environmental Modelers
- Environmental Engineers
- Environmental Biologists
- Professors





M.Sc. Mathematics

Mathematics is as old as civilization itself and is one of the most useful and fascinating branches of human knowledge. It may, however, be broadly defined as the scientific study of quantities, including their relationships, operations and measurements expressed by numbers and symbols.

Eligibility :- Graduation (Mathematics) with minimum 50%

Career Scope :-

The graduates & post graduates in this field can find opportunities in Research and Development firms, Economic Research Firms, Market Research Firms and Manufacturing Firms. They can look for job profiles like quantitative risk analyst, Statistician, Treasury Management Specialist and demographer in these firms.



M.Com

It is a Post-Graduate regular degree program. It covers the study of principles of Accounting, Economic Theory, Micro Economics, Money and Banking system, knowledge about Business, Trade and its characteristics and policies involved etc. There are specialization subjects in the final year that the candidates can choose. M.Com focuses on the methodical learning of the concepts of Accounting, Statistics, Mathematics, Finance, Banking, Taxation etc. It gives complete knowledge covering Commerce, Management and Economics as a whole.

Eligibility :-

B.Com with minimum 50%

Career Scope :-

1. Higher Studies such as Ph.D. in Banking and Finance, Business Economics, Statistics, Financial Studies, Commerce etc.
2. In Private and Government sectors, they can find employment in many roles such as:-
 - Accountant
 - Finance Manager
 - Operation Manager
 - Financial Analyst
 - Account Executive



M.Sc. Horticulture

Horticulture is an important branch of agriculture. It is an applied Science dealing with fruits, vegetables and ornamental flowers. It is an extremely diversified field with nearly unlimited career opportunities in a variety of job settings. It is a vast subject and divided in three major branches :-

Floriculture - It is a branch of Horticulture which deals with the study of growing and marketing of flowers and foliage plants.

Olericulture -The study of vegetable growing, dealing with the culture of non woody plants for food is called as "Olericulture". Those who perform the activities of vegetable growing are known as "Olericulturist".

Pomology - It is the Science of growing fruit. Its research mainly focuses on the development, enhancement, cultivation and physiological studies of fruit trees.

Eligibility:- B.Sc. (Agriculture/Forestry) with minimum 50%

Career Scope :-

- It is a field that holds ample scope, whether one wants to be a full time or part time horticulturist; one can opt for this career option and make a decent living out of it.
- It gives immense opportunities for a lucrative career in both public and private sectors, apart from public and private sector jobs, one can opt for teaching jobs in Universities and Colleges.
- The career opportunities for Horticulturist ranges from commercial and environment sectors to research as well as in journalism and its importance can be felt as an independent department of Horticulture has been introduced in Central and State Government.

M.Sc. Genetics and Plant Breeding

Being a very important Branch of applied Science and Agriculture, through the genetic technology, disease resistant properties in plants and trees are developed that could fight against diseases attacking them. Food from this technique is also produced which are known in the form of G.M. foods (genetically modified foods). On the levels of the National and World arenas, the contribution today of the plant and genetics scientists is enormous in giving a new direction in the field of Agriculture, in growing disease resistant crops and ensuring greater confidence in food security. Genetics and plant breeding is a subject which plays an important role in the progress of the nation besides giving self-satisfaction.

Eligibility :- B.Sc. (Agriculture) with minimum 50%

Career Scope :-

- Entrepreneur in their own field.
- Subject faculty in Colleges/Universities.
- Crop Research Directorates.
- Plants hereditary resource bureau.
- Cytogenetists.



M.Sc. Soil Science

Soil Science studies the outer shell of the Earth in which vegetables life can develop, if nutrients are present. Master's in Soil Science adopts, methods and knowledge from other Earth Science specializations, such as Geology and Soil Biochemistry, Natural Resources Management and Sustainable development. Soil Scientists are involved in the agricultural production, assessment of environmental quality and products toxicity. Soil experts can provide counseling for forestry and agricultural organizations, drilling procedures and construction projects.

Eligibility:- B.Sc. (Agriculture) with minimum 50%

Career Scope :-

Career Prospects in Soil Science includes :-

- Soil Scientist.
- Plant Geneticist.
- Ecologist.
- Soil Technical audit.
- Environment Consultant.
- Conservation Planner.
- Landscape Business.



M.Sc. Forestry

Forestry is the art and science of tree resources, including plantation and natural stands. It is an Independent scientific branch which deals with practical and theoretical aspects containing different aspects of forestry, which formulates synthetic conclusions indicating the main directions of management. Those holding bachelor's degree and master's degree in forestry can apply for State Government as well as Central Government through Indian Forest Services (IFS).

Eligibility :- B.Sc. (Forestry) with minimum 50%

Career Scope :-

- Foresters can work in offices, laboratories or outdoors depending on their field of specialization.
- Government, Non-Government organization interested in preservation of Forest resources.
- Organization having own plantation for timbering.
- Industries that utilized forest resources employ Forestry and agricultural consultants.
- In Wildlife Sanctuaries, Zoo and Wildlife National Parks.
- In Education sectors in Colleges and Universities.



Millions of people, businessmen, corporate houses, tourists families and friends anxiously waiting for the safe arrival of their loved ones, major heart transplants with surgeons awaiting thousands of miles across the oceans of our blue planet, can be achieved smoothly on time by these amazing metal birds sailing across the blue sky. And to keep these efficient machines running and airworthy to their optimum performance is only possible with the magic acumen of a well trained AME.

Eligibility :- 10+2 (PCM) with minimum 45%

Career Scope :-

India is the fastest growing aviation market in the world. Due to the liberalization policies of the government there is a tremendous growth in the aviation industry in India. Many private airlines and corporations viz. Go Air, Jet Airways, Spicejet, Vistara, Indigo etc. are operating today with very good operating revenues, as per report with 1080 aircraft orders, India will be the 3rd largest buyer of passenger planes in the world. To meet the operational need of the airlines, cargo aircrafts, private jets, business jets, general aviation and MRO Industries, there will be 3.3 lacs new jobs by 2020 in Indian Aviation Industry as per Government of India estimation & planning.

Aircraft Maintenance Engineering (AME)

AMEs are trained to maintain and monitor various aircrafts and the same can fly only after a safety certificate signed by an AME. They are trained as per norms laid down by Directorate General of Civil Aviation (D.G.C.A) for carrying out maintenance, inspection, monitoring and overhauling of power-plant, Airframe, Electrical System, Instrument & Radio Navigation System of Rotary and Fixed wing aircrafts.

Smooth long flights, friendly and safe sky, securely protected lives on our planet earth has started virtually to squeeze in size and distance, closer to our illusion and imagination time and money is the order of the day, and holds top priority in our lives.

The efficiency in which engineered flying machines terminate its adversary in the sky, lifting casualties amidst a fuselage of crossfire to safer havens for timely treatments is possible only with the help of flying machines brought about by continuous R&D, sincere efforts have made this a successful mission.





Diploma in Civil Engineering

Program objective : This course aims at producing highly qualified associate engineers, efficient technicians capable of meeting the requirements of the basic level of the Civil Engineering field. During the course of study, a student is exposed to various subjects of Civil Engineering such as planning, Drafting (both manual and computer-aided), Surveying, Estimation & Costing, Construction Technology, Basics of Highway, Railway, Bridge, Airport, Tunnel and Harbor Engineering. It also offers adequate exposure to Reinforced concrete Structures, Quality Control, Material Testing, Construction Management & Entrepreneurship, Professional Practice and Office Procedures. Students also get a feel of Extensive Survey, Building Drawing, Irrigation & Bridge Drawing and Structural Engineering Drawing. Students are also exposed to software like AUTOCAD & STAAD.

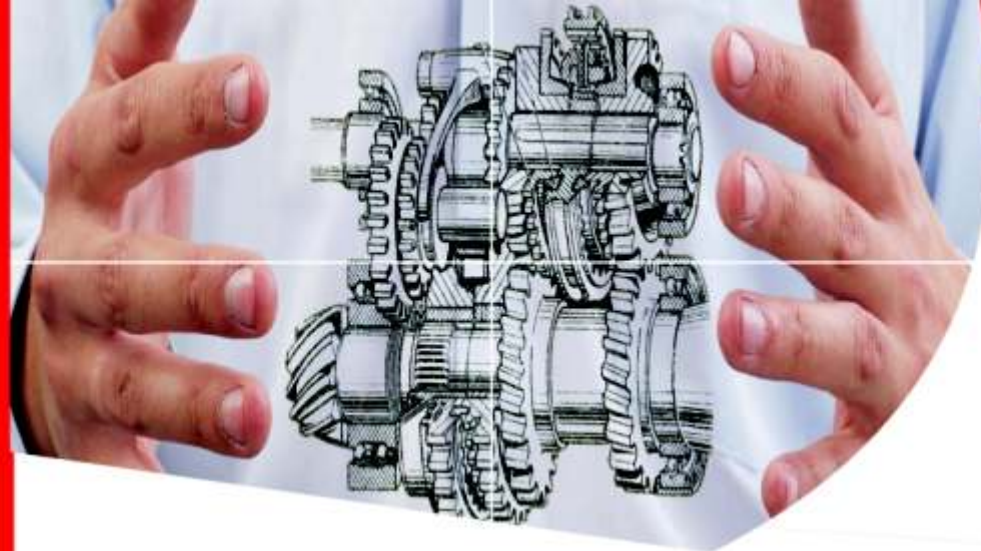


Eligibility :- 10th with PCM

Career Scope :-

The Professionals from this field can find job opportunities in the following organisations :

- Building Construction Department
- Structural Engineering Department
- Geotechnical Engineering
- Hydraulics, Water Resources and Irrigation Engineering
- Water Supply and Sanitary Engineering Departments
- Environmental Engineering
- Transportation Engineering
- Town Planning and Architecture



Diploma in Mechanical Engineering (Automobile)

Program Objective : This course caters to train the students to design, develop, manufacture and repair automobiles. The demand for automobile engineering is growing with the expansion of automobile industries and increasing demand for vehicles. With increasing concern for pollution and fuel efficiency, these engineers also set standard of quality, for example making the vehicle euro efficient. The field of activity of a qualified engineer in automobile engineering contains development (Construction, calculation and testing), priming of work, fabrication and observation of the functionality of vehicles for street and rails.

Eligibility :- 10th with PCM

Career Scope :-

Employment opportunities for Automobile engineers are : Automobile Manufacturing Industry, in Maintenance and Service Station, Private Transport Companies and Defense Services. Self-employment is also possible in setting up automobile garages or maintenance workshop.

Diploma in Mechanical Engineering (Production)

Program Objectives : Mechanical engineering is a discipline of engineering that applies the principles of physics and material science for analysis, design, manufacturing and maintenance of mechanical systems. It is the branch of engineering that involves the production and usage of different techniques for design, production, and operation of machines and tools. It is one of the oldest and broadest engineering disciplines.

Eligibility :- 10th with PCM

Career Scope :-

Mechanical engineers are involved in bringing and creating the new technologies for the future requirement of mankind, they become the soul for a developing country to lead with firm foot in all fields of technology. The mechanical diploma holder get job opportunities in Machine Tool Industry, Automobile Industry, Railway, Thermal plants, Govt. departments like PWD, B&R & Defense services.



Diploma in Pharmacy

Program objective : Pharmacy is the health profession that links the health sciences with chemical sciences thereby ensuring safe and effective use of pharmaceutical drugs. In its investigation of herbal and chemical ingredients, the work of pharma may be regarded as a precursor of modern sciences of chemistry and pharmacology, prior to the formulation of scientific method. We provide state of art labs, workshops and innovative teaching methods in order to clarify concepts & hypothesis. The philosophy behind the academics is to make students not only exam oriented but also compatible for industry requirements with an endeavor to induce confidence and values of pharma industry.



Pharmacists practice in a various areas including retail, hospitals, clinics, nursing homes, drug industry and regulatory agencies. Pharmacists can specialize in various areas of practice including, hematology, oncology, infectious diseases, ambulatory care, nutrition support, drug information, critical care, pediatrics, etc.

Eligibility :- 10+2 (PCB/PCM) with minimum 45%

Career Scope :-

The scope of pharmacy practice includes more traditional roles such as compounding and dispensing medications along with modern services related to health care, clinical services, reviewing medications for safety, efficacy and providing drug information. Pharmacists seek their jobs in various pharma Industries, healthcare & other life caring organizations.



Rules & Regulations

Rules

General Rules

- Students should maintain minimum attendance criteria as per Board / University norms / statutory body as applicable.
- Student should always be in contact with their examination department and should also visit college website for filling up of examination/enrollment form of Board/ University, any lapses in this will be the sole responsibility of individual student.
- Students who turn up late for the classes, practicals, Seminars, etc. shall not be allowed to attend internal & external exams.
- Students are expected to carry their ID card whenever they are in campus.
- **Mobile is strictly banned in the campus.**
- Students should attend the minimum prescribed number of classes in each semester without relaxation on any ground.
- Gambling, Smoking, consumption of liquor, use of Gutka, Suparee or mouth freshner, Chewing gum or any other intoxicants inside the campus is strictly prohibited.
- In case, delay in payment of fees/charges on due date, the institute have right to charge Rs.100/- per day as late fee for 10 days and after that minimum late fee of Rs 5000/- will be levied with the fee till one month and after that the name of the student will be struck from the roll list.
- Students should get themselves registered on the date of registration announced for each semester. No excuse for the delay in any case shall be entertained.
- Students are required to abide by all the rules and regulations of the institute.

Dress Code

A dress code helps in creating a sense of uniformity in an institution which is inhabited by people belonging to diverse culture and economic backgrounds. Students are required to adhere to their defined dress code while engaging in academic activities in the campus.

FEE Refund

After commencement of the course- no refund of the fee would be permitted.

*** Fee once paid is not refundable under any circumstances at all.**

Hostel Rules

- Hostel fee is to be paid in advance at the start of each year.
- Two-wheeler is not permitted in the hostel.
- Vacating hostel is not allowed in the middle of an academic session.
- Ragging is strictly prohibited. Any student found committing or abetting in the ragging shall be punished/ rusticated/ expelled/ suspended from the institute.
- Hostel fee will not be refundable in any case of expulsion from hostel by the management.
- Shifting of furniture from one room to another is not allowed without taking permission.
- Electrical appliances of any type are not to be used in the room.
- No interchange of room is permitted without the written permission of the Hostel warden.
- Gambling, smoking, consumption of liquor or any intoxicants inside or outside the hostel is strictly prohibited.
- During class timing the students are not allowed to stay in the hostel rooms.
- Students taking part directly/ indirectly in any movement or agitation or strike or any anti-national activity in the institute for any reason whatsoever will be punished, rusticated or expelled.
- In all the cases management decision will be final and place of jurisdiction in any of the case will be in Dehradun Only.

Ragging is a criminal offence. Ragging in all its forms within or out side the campus is totally banned and will be dealt as per honorable Supreme Court Rules & Regulations.

Punishment against Ragging....

1. FIR will be filed with the local police.
2. Cancellation of admission.
3. Suspension/expulsion from the Hostel.
4. Fine of Rs. 25,000.
5. Suspension/expulsion from attending classes.

All disputes are subjected to jurisdiction of Dehradun Court only.

Admission Procedure

Admission Procedure :

Admission will be on the basis of common entrance examination/merit of eligibility qualification, followed by counseling. Direct admissions are only on the basis of merit.

Pattern of Examination :

Examination paper shall consist of one paper (objective type) based on 10+2 / graduation syllabus. The question has to be answered on the OMR sheet using blue/black ball point pen only.

Centres for examination :

- Under no circumstances the centre once allotted shall be changed.
- List of cities where examination will be conducted is given below :
 - Patna
 - Lucknow
 - Dehradun
 - Jaipur

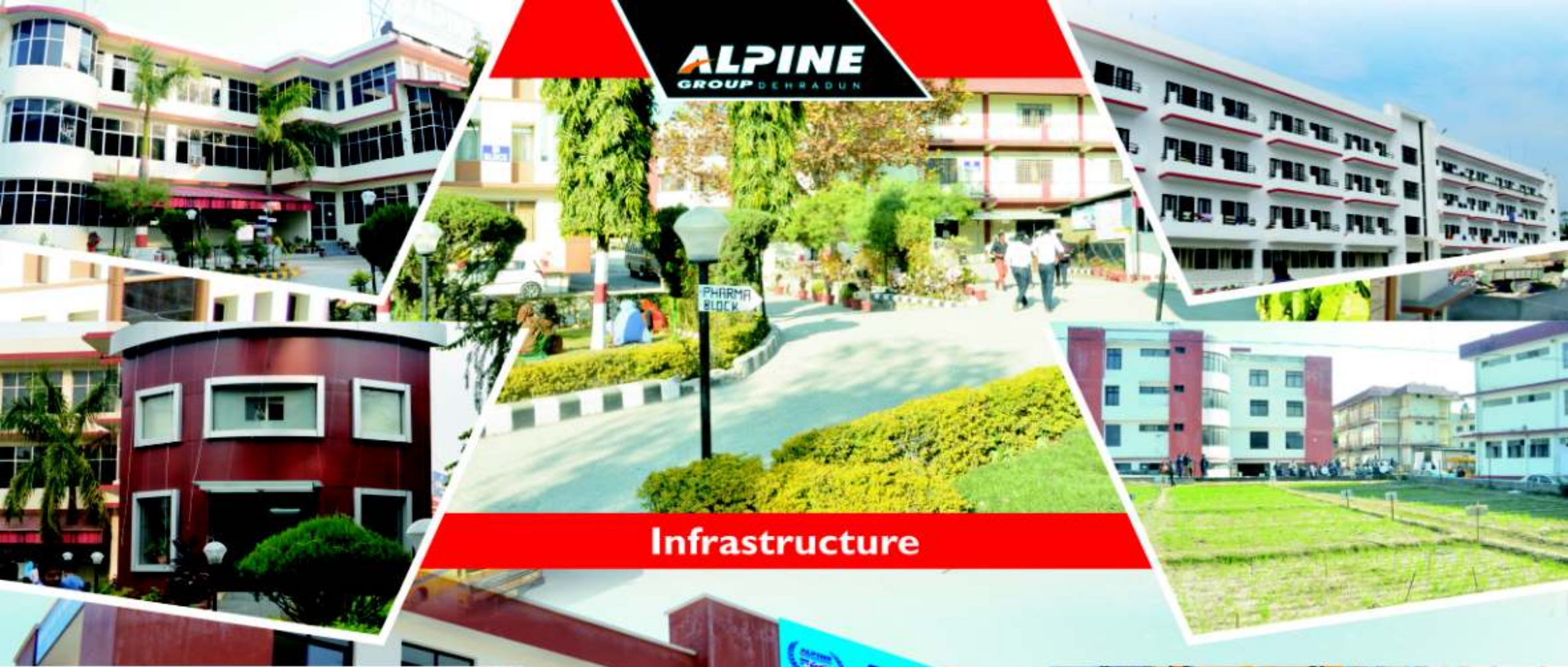
IMPORTANT NOTE :

- The candidate before filling the form should go through his/her eligibility to appear in the examination.
- Application form should be filled in English only.
- The candidate should write his/her complete address in the application form for future correspondence.
- Incomplete or over-written application form shall be rejected.
- Institute reserves the right to change or cancel the examination centre as per need.

NOTE :

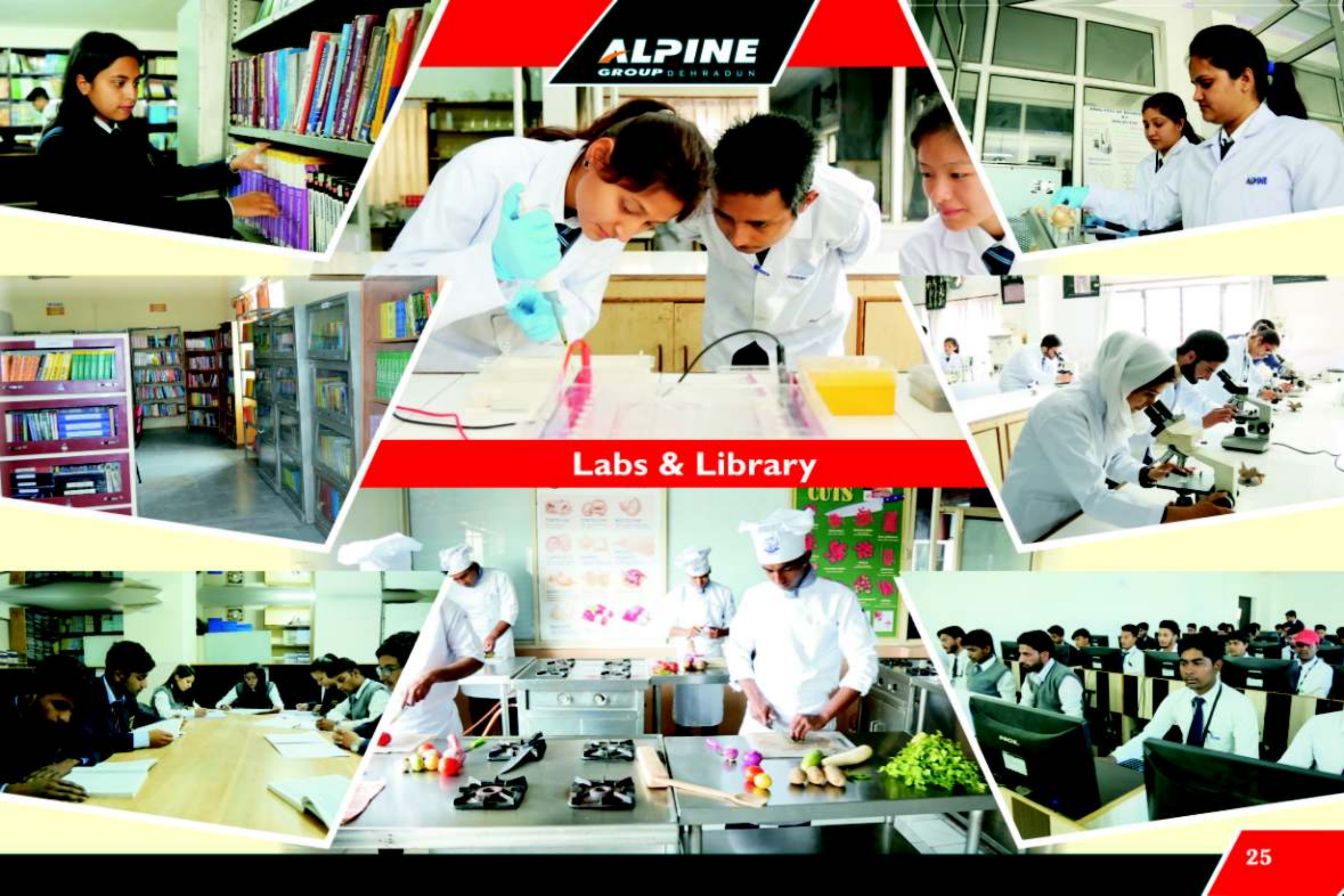
- Candidates are advised to keep their admit card in good condition till the time of counseling.
- The candidate as well as parent/guardians are strongly advised to read the instructions given in prospectus very carefully to understand the terms and conditions.
- The candidates are advised to fill up the form only after having full satisfaction about the course profile.
- Student once given admission shall be liable to deposit total fee immediately or if in installment, should deposit within time.
- After getting admission in any course fee shall not be refunded under any circumstances.
- All disputes shall be settled in Dehradun jurisdiction only.
- All parents are advised to bring a stamp paper of Rs 100/- for undertaking of the above said instructions, at the time of admission.





Infrastructure





Labs & Library

RESEARCH EXCELLENCE





UTTARAKHAND DEHRADUN CITY

"The high green mountains, the cool breezes, the petrichor, every essence"

Dehradun is located in the Doon Valley on the foothills of the Himalayas nestled between two of India's mightiest rivers - the Ganges on the east and the Yamuna on the west. The city is famous for its picturesque landscape and pleasant climate and provides a gateway to the surrounding region. It is well connected and in proximity to popular Himalayan tourist destinations such as Mussoorie, Nainital and Auli and the Hindu holy cities of Haridwar and Rishikesh along with the Himalayan pilgrimage circuit of Char Dham.

Dehradun is also renowned for its natural resources, publishing services and particularly for its prestigious educational institutions. It hosts some of India's best boarding schools and training institutions of national importance such as the Indian Military Academy & RIMC. It is also known for national

foundations such as the Ordnance Factory, Dehradun and Opto Electronics Factory of the Ordnance Factories Board, The Defence Electronics Application Laboratory, Instruments Research and Development Establishment of the Defence Research and Development Organisation which manufactures products for the Indian Armed Forces. Other institutions include the Indian Institute of Petroleum, Oil and Natural Gas Corporation, Survey of India, Indian Institute of Remote Sensing, Wildlife Institute of India and the Forest Research Institute .





SPRING

MARCH TO JUNE

Pleasant, warm days with fresh green grass.

SUMMER

JUNE TO SEPTEMBER

Hot days (up to 36°C) full of sunshine

FALL

SEPTEMBER TO DECEMBER

Cool, crisp morning with warm and sunny afternoons.

WINTER

DECEMBER TO MARCH

Refreshing and invigorating days with sun and snow.



CULTURAL FEST



REGIONAL SCIENCE CENTRE



EXCURSIONS & TOURS



Why **ALPINE** ???

- Smart Classes and very well equipped state-of-the-art Labs and Workshops.
- Weekly Seminars, Workshops, Regular Industrial visit along with Guest Lectures from renowned Professionals.
- Dedicated Group of Professionals providing Quality Education along with Intense Practical Training.
- Celebrating Silver Jubilee in excellence for Education.
- State-of-the-art-infrastructure with modern amenities.
- Hands on training for AME course with state of the art lab facilities and equipments on our own Beech Bonanza A-35 Aircraft, Learjet 25 Aircraft and R-22 Helicopter (all in ground run condition)
- Free career counseling along with personality development and English speaking classes.
- On campus Events like Sports, Fest, Quiz Competitions & many more.
- Excellent Placement Records.
- On Campus & Off Campus Hostel Facility.

Scholarship - Top ten Meritorious students in common entrance examination will be awarded scholarship from 10-50% as per management rules.

SC/ST & OBC applications will be processed for social welfare department scholarship as per student's State regulation and as per request of candidate.

* In any case management decision will be final.



Training and placement

Alpine Group of Institute is actively involved in dealing with industries for arrangements of industrial training, summer internship & campus interviews. We provide information, counseling programs to clarify career goals, resume preparation, interviews preparation including vocabulary building, listening skills, speaking skills, writing skills, interview techniques, quantitative aptitudes & logical aptitudes.

Student of Alpine are working in great numbers in many reputed MNCs and organizations.

Our Placements



Student Reviews

Alpine Institute having excellence in every field of academics, and that has motivated me to gain greater heights for my future Endeavour. "Thanks Alpine" and "Thanks" to all my faculty members.



Khwaja Basha....

The faculty members at Alpine are very friendly, they always provide us an easy going educational environment which encourage us to participate in an interactive way. They are approachable and are always ready to address any problem, we are facing.



Neihunuo Theruo....

Thanks Alpine, for supporting and enlightening me all the ways. All aspects of Alpine have made me more adaptive in various fields of expertise.



Manish Pandey....

I have made a good decision by joining Alpine for my Master's programme, as we are getting a very experienced faculty members and moreover, I am highly impressed by the overall discipline of the Institute.



Dachen Bhutia....





ALPINE Institute of Management & Technology
DEHRA DUN
Affiliated to HNB Garhwal University (A Central University)
Under UGC Min. of HRD, Govt. of India and
Shri Dev Suman Uttarakhand University, Govt. of Uttarakhand.

ALPINE College of Management & Technology
DEHRA DUN
Affiliated to Uttarakhand Board of Technical Education, Govt. of U.K.
Approved by AICTE & PCI, Min. of HRD, Govt. of India

ALPINE Institute of Aeronautics
DEHRA DUN
Approved by DGCA, Min. of Civil Aviation, Govt. of India



Diversity
of
Alpine



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Alpine Tech

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