



Recognised by UGC u/s 2(f)



# Dolphin (PG) Institute of Bio Medical & Natural Sciences, Dehradun

## PROSPECTUS



- Agriculture
- Agronomy
- Biochemistry
- Biotechnology
- Botany
- Chemistry
- Commerce
- Education
- Forestry
- Horticulture
- Medical Lab Technology
- Medical Microbiology
- Microbiology
- Pharmaceutical Chemistry
- Physiotherapy
- Physics
- Zoology



# CONTENTS

Vision, Mission & Objectives	
Message from the President	3
Message from the Secretary	3
Message from the Director	4
Message from the Principal	4
Message from the Chairman	5
Academic Affiliation	5
Academic Organisation	6-7
Advantage Dolphin	8
Courses Offered	9
Glimpses of Educational Tours	9
Biotechnology	10
Medical Microbiology	11
Microbiology	11
Physiotherapy	12
Medical Lab Technology	13
Forestry	14
Agriculture	15
Agronomy	15
Horticulture	16
Biochemistry	16
Chemistry	17
Pharmaceutical Chemistry	17
Botany	18
Zoology	18
Physics	19
Education	19
Commerce	20
Placement & Training Cell	21
Distinguished Alumni	21
Conferences	22-24
Glimpses of Guest Lectures	23
Glimpses of Annual Day	24
Celebration of Day	24
DSWC Activities	25-26
Glimpses of Annual Week	26
Assets	27-28
Academic Honour	29
Instrumentation Facilities	29
Admission	30
Location	31
Annexure:	
1. Fee structure	
2. Application form for admission	
3. List of testimonials	



## Vision

Creation of an educated, ethical and prosperous society by imparting higher education to youth, enabling them towards integral human and career development in industrial and human health sector.

## Mission

Academic excellence, healthy standards in extracurricular practices, socially relevant activities, and courses leading to employment and entrepreneurship and continuous progress of the institution.

In this way, we are "ready for good work" in collaboration with the government and people of goodwill including academicians and educationists, to create a society more worthy of human beings.

## Objectives

- To develop the intellectual capacity of students to search for truth and knowledge.
- To offer possibilities by which the students discern their purpose in life.
- To help them to achieve their goals by imparting education which is not only theoretical but also practically oriented, to help them to work efficiently outside the class rooms and the laboratories.
- To form social consciousness in them so that they may be capable of fostering good relationship with others, a sense of participation and responsibility for poor and weak.

## No Ragging

Ragging in any form is strictly prohibited within the premises of the institute, all resident hostels or in the resident quarters of the students; in institute's or public transport. Any student caught in the act of ragging will be immediately rusticated from the institute and matter will be reported to the police for legal action as per law of the land.



## *Message from*

# THE PRESIDENT

Dolphin Educational Society

As an undisputed leader in the Biomedical & Natural Sciences education, Dolphin (P.G.) Institute of Biomedical and Natural Sciences, Dehra Dun has played a distinguished role in enhancing academic structure of Uttarakhand state since its inception in the year 2002.

The courses offered at Dolphin Institute promise exciting and rewarding opportunities that ensure positive job avenues in various fields.

At Dolphin Institute, we emphasize primarily on quality teaching and learning. We also lay stress on highly productive laboratory work in the new areas of bio-medical technologies. We have a vision to deliver the relevant curricular/ programs in consultation with industry and employers, nationally and globally, maintaining a commitment for conducting our courses in the personalized learning environment with a student-centered approach.

I am confident that the Institute will fulfill aspirations of its students and succeed in winning confidence of students and the parents alike, which is very vital for the growth and development of any educational institution...

I extend my best wishes to the upcoming professionals and committed members of Dolphin Institute family.....

CA Ramesh Garg



## *Message from*

# THE SECRETARY

Dolphin (PG) Institute of Biomedical & Natural Sciences

As we move ahead in the 21st century with new hopes and expectations, it is imperative that we appreciate the world around us, changing briskly and throwing upon great challenges as well as innumerable opportunities. Driven by the growing trends of globalization, the revolutionary developments in the field of medical science and emergence of biomedical era, we are witnessing phenomenal transformations in the field of

biomedical education. In emerging scenario, biomedical professionals will be operating in a new terrain of genetics and biotechnology.

We, at Dolphin Institute, offer under and post-graduate courses in the field of biomedical education, complemented by research opportunities to prepare our students to meet the new challenges in professional life. The courses are based on contemporary theory and practical laboratory work to provide strong conceptual foundation for those aspiring for top positions. However, the pursuit of the program demands intellectual maturity, strength of purpose and willingness to work hard. For the students endowed with inquisitive mind and driven by professional goals, these programs will be a voyage of discovery.

We invite all those who share our vision, goal and purpose to join hands in our efforts to build a new team of biomedical professionals, who will enhance the growth in the country to match the global standards. Come, let us together build a new era of advance and emerging technologies in biomedical science and transform our world.

Dr. Vinod Mittal



## *Message from*

# THE DIRECTOR

Dolphin (PG) Institute of Biomedical & Natural Sciences

Today, Life Sciences represent a potential sector of economic growth and an important component in India's national health agenda. Appreciating the important role that biology will play in this century, the Indian government is expanding as well as starting several new biological research institutes, which will open up many new positions for life science researchers. Biology also has come to the Indian Institutes of Technology. The

Indian government also has launched five Indian Institutes for Science Education and Research (called IISERs), which are new campuses devoted to undergraduate/ master's science education and research. Thus, India is becoming an increasingly viable location to conduct biological research and a fertile ground for new biotechnology companies.

Big pharmaceutical companies already have a presence in India. Home-spun Indian drug discovery, genetic/bioinformatics, and bio-engineering companies have emerged in the last few years and entrepreneurship in biotechnology is likely to grow.

However, a substantial increase in output cannot be realized by just giving more support to its existing life science faculty. Rather, the future of Indian biology must be built by a new generation: young faculty who will be recruited back to India from their studies abroad and, further down the road, by college and university students who will become inspired to become scientists.

We at the Dolphin Institute are making our contribution in developing our students future by introducing them to innovative learning and helping them to develop the necessary skills to meet these opportunities and be part of the nation building.

Dr. Arun Kumar



## *Message from*

# THE PRINCIPAL

Dolphin (PG) Institute of Biomedical & Natural Sciences

Thanks for your interest in Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehradun (DIBNS), as next step in your quest for knowledge. Since its inception in the year 2002, we nurtured a dream to become a leading Institute in the field of Biomedical and Natural Sciences with a global vision. Within the short span of time we have earned a good reputation and are known for academic excellence and best placements in industries, research institutes, hospitals, academics and various private and government organizations.

We, at Dolphin believe that apart from academic excellence, an Institute should also aim at making students socially conscious and skilled human beings with an understanding of human values so that they grow as individuals with compassion for others. It is with this mission and objective we pay special emphasis in overall personality development through extracurricular activities apart from best exposure through various academic programme like workshops, conferences, hands-on-training programmes, continuing education, invited lectures, industrial tours and field visits, etc.

The management of the Institute is committed for creating educated, ethical and prosperous society by imparting quality education to youth and provides best faculty, infrastructure including well stocked library, e-library, computing and other recreational facilities and enrich the process of learning for the students of the Institute. I am happy to share that because of consistent effort and dedication of the Dolphinites, the Institute has climbed to the glory and we are committed to upholding this trend of success in the years to come.

I warmly welcome you to pursue your higher education in Dolphin (PG) Institute of Biomedical and Natural Sciences. I am sure you will cherish the moments spent in the institute as you achieve great heights in your dream career.

Dr. Shailja Pant



## *Message from*

## THE CHAIRMAN

Dolphin (PG) Institute of Biomedical & Natural Sciences

My Dear Students,

It gives me great pleasure to welcome you to the fraternity of the Dolphin Institute, Dehra Dun and I extend you my good wishes for a happy stay and effective learning in Dolphin Institute.

We are imparting quality education to over 2500 graduate and postgraduate students from various states of India, as well as neighbouring countries, thereby acting as one of the largest center of professional learning in the field of biomedical science, physiotherapy and natural sciences.

With an exclusive and niche set of programmes to offer, the institute is a desired address for students who aim to make a fruitful career in the field of natural sciences and paramedical. Courses offered by us are widely in demand and enjoy a great reputation among industries, hospitals, research institutes etc. We seek to facilitate our students to gain a competitive edge over others in pursuing scientific, technical and professional careers and make outstanding contributions in nation building.

I personally monitor the progress of your curriculum to ensure that you get not only the best of education but also gain knowledge and confidence. It will be our endeavor to provide you ample opportunities for campus placement during your study period itself. However, I would like to add a word of advice to you that at this formative stage of your professional career adopt self discipline and austere mode of life so that you can concentrate fully on your studies and career development.

I hope that with these words you have a feel of our approach towards the development of your career. I look forward to meet many of you in the coming days as you take a decision to invest time and energy in yourself to put your fortune on a global success path.

CA Arvind Gupta

# Academic Affiliation



The Institute is affiliated to H.N.B. Garhwal Central University, Srinagar, Uttarakhand (NAAC Accredited A Grade University), & is IAP recognised. It is also approved and recognized by the State Govt. of Uttarakhand and Department of Medical and Health Services, Uttarakhand.

It is also recognised by UGC Under Section 2(f) of UGC Act of 1956.

The Institute is approved by The Indian Association of Physiotherapists (IAP) and National Council for Teachers Education (NCTE), Jaipur.

Dolphin (PG) Institute offers a large number of job/career oriented UGC approved courses in the field of Physiotherapy, Medical Lab Technology, Microbiology, Medical Microbiology, Botany, Zoology, Agriculture, Biotechnology, Physics, Horticulture, Forestry, Agronomy, Biochemistry, Pharmaceutical Chemistry, Chemistry, Commerce and Education.



# Academic Organisation

The following are the backbone of the Institute in achieving academic excellence

## Principal:

**Dr. Shailja Pant, M.Sc., Ph.D.**

## Director:

**Dr. Arun Kumar, M.Sc., Ph.D.**

### DEPARTMENT OF BIOTECHNOLOGY

Dr. Archana Vaishnav, *M.Sc. (Ag.) Genetics & Plant Breeding, Ph.D., NET*

Dr. Shalini Singh, *M.Sc. (Ag.) Genetics & Plant Breeding, Ph.D., NET*

Dr. Manisha Nanda, *M.Sc. Biotechnology, Ph.D., NET*

Dr. Riti Singh, *M.Sc. Biotechnology, Ph.D., NET*

Ms. Deepti Gulati, *M.Sc. Biotechnology, NET*

Mrs. Riti Mishra, *MBA*

### DEPARTMENT OF MICROBIOLOGY

Dr. Shailja Pant, *M.Sc. Microbiology, Ph.D.*

Dr. A.K. Singh, *M.Sc. Microbiology, Ph.D.*

Dr. Tripti Malik, *M.Sc. Microbiology, Ph.D., NET*

Dr. Gauri Singh, *M.Sc. Microbiology, Ph.D., NET*

Dr. Manjinder Kaur Bedi, *M.Sc. Microbiology, Ph.D.*

Dr. Pankaj Bhatt, *M.Sc. Microbiology, Ph.D., NET*

Mr. Kiran Rijjal, *M.Sc. Biochemistry*

### DEPARTMENT OF PHYSIOTHERAPY

Dr. Sandeep Ahuja, *MBBS, MS*

Dr. Reena Ahuja, *MBBS, MS*

Dr. Vijay Gambhir, *MPT*

Dr. Deptee Warikoo, *MPT*

Dr. Sunil Bhatt, *MPT*

Dr. Vivek Chauhan, *MPT*

Dr. Priyanka Gambhir, *MPT*

Dr. Kapil Garg, *MPT*

Dr. R.K. Srivastava, *MBBS*

Dr. Kapil Arora, *MBBS*

Dr. Keerty Mathur, *MPT*

Dr. Richa Agarwal, *MPT*

Dr. Deepty Mathur, *MPT*

Dr. Indra Narayan Mitra, *M.Sc. Human Physiology, Ph.D.*

### DEPARTMENT OF FORESTRY

Dr. Sas Biswas, *M.Sc. Botany, Ph.D.*

Dr. Sandhya Goswami, *M.Sc. (Ag) Agro forestry, Ph.D., NET*

Dr. Tahir Nazir, *M.Sc. Forestry, Ph.D., NET*

Dr. A. K. Uniyal, *M.Sc. Botany, Ph.D.*

Dr. Mandeep Kaur, *M.Sc. Botany, GATE, M.Phil., Ph.D.*

Dr. Rashmi T. Chamoli, *M.Sc. Forestry, Ph.D.*

Dr. Vikaspal Singh, *M.Sc. Forestry, Ph.D.*

Ms. Hemlata Bhatt, *M.Sc. (Ag.) Agro forestry, NET*  
Mr. Manish Kumar, *M.Sc. Forestry*  
Mr. Mor Singh Rawat, *M.Sc. Forestry*

#### DEPARTMENT OF ZOOLOGY

Dr. Arun Kumar, *M.Sc. Zoology, Ph.D.*  
Dr. Beena Joshi Bhatt, *M.Sc. Zoology, Ph.D.*  
Dr. D.K. Bhardwaj, *M.Sc. Zoology, Ph.D.*  
Dr. Shalini Anand, *M.Sc. Zoology, M.Phil., Ph.D.*

#### DEPARTMENT OF BOTANY

Dr. K.P. Tripathi, *M.Sc. Botany, Ph.D.*  
Dr. Vedit Tyagi, *M.Sc. Botany, Ph.D.*  
Dr. A.K. Pundir, *M.Sc. Botany, Ph.D.*  
Ms. Prerna Bahuguna, *M.Sc. Environmental Science, NET*  
Mrs. Asha Raturi, *M.Sc. Life Science, B.Ed.*

#### DEPARTMENT OF BIOCHEMISTRY

Dr. Gyanendra Awasthi, *M.Sc. Biochemistry, Ph.D., NET*  
Dr. Ashwani Kumar Sanghi, *M.Sc. Biochemistry, Ph.D.*  
Dr. Karishma Joshi, *M.Sc. Biophysics, GATE, Ph.D., NET*  
Dr. Lokendra Kumar, *M.Sc. Biochemistry, Ph.D.*  
Mrs. Richa Awasthi, *M.Sc. Biochemistry, B.Ed.*

#### DEPARTMENT OF AGRICULTURE

Dr. C.S. Pandey, *M.Sc. (Ag.) Agronomy, Ph.D., NET*  
Mr. Upendra Dwivedi, *M.Sc. (Ag.) Animal Husbandry*  
Dr. Ashok Kumar Yadav, *M.Sc. (Ag.) Horticulture, Ph.D., NET*  
Dr. Katar S. Barman, *M.Sc. (Ag.) Horticulture (Vegetable Science), Ph.D., NET*  
Dr. Manoj K. Bansala, *M.Sc. (Ag.) Animal Husbandry, Ph.D.*  
Dr. Vineeta Pandey, *M.Sc. (Ag.) Seed Technology, Ph.D.*  
Dr. Deepali Singh, *M.Sc. (Ag.) Plant Pathology, Ph.D.*  
Dr. Pallavi, *M.Sc. (Ag.) Vegetable Science, Ph.D.*  
Dr. P.K. Mishra, *M.Sc. Agronomy, Ph.D.*  
Mr. Shailendra Tiwari, *M.Sc. (Ag.) Seed Technology*  
Mr. Anuj Gupta, *M.Sc. (Ag.) Genetics & Plant Breeding*  
Mr. Pankaj Budhakoti, *M.Sc. (Ag.) Agronomy*  
Mr. Rohit Maithani, *M.Tech. Biotechnology, Diploma in Information Technology*  
Mr. Emugan Hrangkhawl, *M.Sc. Agronomy*  
Mr. Lenin Laishram, *M.Sc. Agronomy*  
Mr. Arnab Khanda, *M.Sc. (Ag.) Soil Science*

#### DEPARTMENT OF HORTICULTURE

Dr. Ritu Pandey, *M.Sc. (Ag.) Vegetable Science, Ph.D., NET*  
Dr. Pallavi Bhatia, *M.Sc. Microbiology, Ph.D.*  
Mr. Jitendra K. Meena, *M.Sc. (Ag.) Vegetable Crop, NET*  
Mr. Anil Panwar, *M.Sc. Horticulture (Floriculture & Landscaping), NET*

Mr. Sanjay Singh Negi, *M.Sc. Horticulture (Fruit Science)*  
Mr. Sachin Devlal, *M.Sc. Horticulture (Fruit Science)*

#### DEPARTMENT OF MEDICAL LAB TECHNOLOGY

Dr. D.P. Bahuguna, *MBBS, DCP*  
Dr. A.K. Malik, *M.Sc. Physiology, MD*  
Mr. Aditya Swaroop, *M.Sc. MLT*  
Mr. Ankit Johari, *M.Sc. Biochemistry, GATE, CSIR-NET*  
Mrs. Rashmi Chauhan, *M.Sc. Biochemistry, D.M.L.T., PGDCP-DT*  
Mr. Rajesh Kumar Jha, *M.Sc. Biochemistry*

#### DEPARTMENT OF PHARMACEUTICAL CHEMISTRY & CHEMISTRY

Dr. Deepak Kumar, *M.Sc. Pharmaceutical Chemistry, Ph.D.*  
Dr. Suman Rawat, *M.Sc. Chemistry, Ph.D.*  
Dr. Ritu Singh, *M.Sc. Pharmaceutical Chemistry, Ph.D.*  
Dr. Raju, *M.Sc. Chemistry, Ph.D.*  
Mr. Uday Kumar, *M.Sc. Pharmaceutical Chemistry, M.Sc. Chemistry, NET*  
Mrs. Ankita Sharma, *M.Sc. Chemistry*  
Mrs. Gunjan Tyagi, *M.Sc. Chemistry, B.Ed.*

#### DEPARTMENT OF COMPUTER & BIostatISTICS

Dr. Sanjay Kumar Agarwal, *M.Sc. Mathematics, Ph.D.*  
Mr. Vipul Garg, *M.C.A., LL.B.*  
Mr. S.K. Sheel, *M.Sc. Mathematics, M.Sc. Statistics*  
Mr. Vijay Ratna Panwar, *M.Sc. Mathematics, B.Ed.*

#### DEPARTMENT OF PHYSICS

Dr. Aasheesh Raturi, *M.Sc. Physics, Ph.D.*  
Dr. Abhilasha, *M.Sc. Physics, Ph.D.*  
Mr. Praveen Lakhera, *M.Tech*

#### DEPARTMENT OF EDUCATION

Dr. G.N. Sinha, *M.A. English, M.Ed., Ph.D., NET*  
Dr. Shruti Sharma, *M.Ed., Ph.D.*  
Dr. Aditi Chauhan, *M.A. History, M.Ed., Ph.D.*  
Dr. Himani Dangwal, *M.Sc. Chemistry, M.Ed., Ph.D.*  
Dr. Suman, *M.Sc., M.Ed., Ph.D.*  
Mr. Swaran Singh Chauhan, *M.A. Maths, M.Ed., M.Phil.*  
Mrs. Leena Verma, *M.Sc. Botany, M.Ed.*  
Mr. N.K. Joshi, *Ex APTC*

#### DEPARTMENT OF COMMERCE

Dr. Shruti, *M.Com, M.Phil., Ph.D.*  
Mrs. Rama Garg, *M.Com., CA (Inter)*  
Mr. Aman Pandit, *M.Com, LLB, MBA*  
Mr. C.S. Pandey, *M. Com, C.S. (Executive)*

# Advantage DOLPHIN



Only Private college of Uttarakhand listed U/s 2(f) of UGC.

## Excellent environment for teaching & learning.

- 7 acres of pure lush green campus. The Peaceful atmosphere and the salubrious climate provide a perfect setting for young minds to absorb knowledge.
- CC TV equipped Wi-Fi campus.
- Around 30 acres of agricultural land available for Agriculture & Horticulture Courses.
- A team of highly qualified, dedicated and experienced faculty appointed as per UGC norms.
- Well equipped spacious laboratories having PCR, UV-VIS double beam spectrophotometer, Gel documentation system, Fermentor, HPLC, Fluorescent microscope, Elisa reader, Milipore water purification assembly, Iso-Kinetic, Cooling centrifuge, -20°C Deep fridge, etc.
- Classrooms equipped with audio-visual aids.
- Well stocked library with INFLIBNET facility.
- Students mentor system, excellent ERP System to monitor students progress.
- Biometric attendance for students in each classroom & lab.

## Full fledged placement and training cell.

- The cell has a strong network with the leading industries and companies all over India. It regularly invites companies for campus placements.
- The institute has evolved a MoU with Uttarakhand Industries Association and Drug Manufacturers Association for providing hands-on-training & apprenticeship.
- Excellent placement record with almost 90% Dolphinites securing employment in reputed industries, research and teaching institutes.

## Research Activities

- On going research projects funded by Govt. Agencies like DBT, UCOST, USBD.
- Students enrolled in Ph.D. Programmes in various Departments.

- Centralized State of the Art Research Lab with latest equipments.
- Organising workshops, seminars, hands on training regularly.

## Other Facilities

- Separate hostel facilities with security for girls & boys.
- ATM, Cafeteria & Cyber café within the campus.
- Recognized as a Local Chapter for NPTEL activities by IIT Madras.
- OPD with in house doctors.
- Well equipped Diagnostic Lab to conduct full panel of test.
- Extra classes for competitions like CSIR UGC-NET.
- Industrial trainings available for students.
- Mentor system practiced.

## Personality Development Facilities

- Dolphin Students Welfare Council (DSWC)
- Curricular and co-curricular activities
- Round the Year Sports Activities
- Personality grooming classes
- Indoor & Outdoor sports
- National Social Service (NSS)
- Red Ribbon Club
- Scouts & Guide
- Red Cross Society



# Courses OFFERED



## UNDER GRADUATE

Course	Duration	No. of Seats
B.Sc. Agriculture	4 years	220
B.Sc. Horticulture	4 years	100
B.Sc. Forestry	4 years	100
B.Sc. Biotechnology with CBZ	3 years	60
B.Sc. Medical Lab Technology	3½ years	50
B.Sc. Medical Microbiology	3½ years	50
Bachelor in Physiotherapy	4½ years	50
Bachelor in Commerce	3 years	120
Bachelor in Education	2 years	50

## POST GRADUATE

Course	Duration	No. of Seats
M. Sc. Agronomy	2 years	30
M. Sc. Forestry	2 years	30
M. Sc. Biotechnology	2 years	33
M. Sc. Medical Lab Technology	2 years	20
M. Sc. Microbiology	2 years	33
Masters in Physiotherapy (Ortho)	2 years	20
Masters in Physiotherapy (Neuro)	2 years	15
Masters in Physiotherapy (Sports)	2 years	15
M. Sc. Zoology	2 years	40
M. Sc. Botany	2 years	40
M. Sc. Physics	2 years	30
M. Sc. Biochemistry	2 years	30
M. Sc. Chemistry	2 years	40
M. Sc. Pharmaceutical Chemistry	2 years	27
Masters in Commerce	2 years	40

## Glimpses of Educational Tours



Indian Institute of Remote Sensing, Dehradun



Centre for Aromatic Plants, Dehradun



Navdanya, Dehradun



Bidalna Micro-Watershed, Dehradun



Bhagwan Udyog Samiti, Dehradun



Maldevta Nursery, Dehradun



Institute of Cooperative Management, Dehradun



Regional Sericultural Research Station, Dehradun

## B.Sc. Biotechnology with CBZ

Course summary:  
Duration 3 years, 6 Semesters



Dr. Archana Vaishnava  
HOD

## M.Sc. Biotechnology

Course summary:  
Duration 2 years , 4 Semesters



### Eligibility:

10+2 with at least 45% marks in aggregate with PCB.

### Course contents:

Cell biology, recombinant DNA technology, molecular biology, genetics, biochemistry, biophysics, instrumentation, bio-analytical techniques, microbiology, immunology, bio-mathematics, bio-statistics, computers, bioinformatics, chemistry, botany and zoology.



### Career opportunities:

The course gives required exposure to the students in field of biotechnology, microbiology and biochemistry streams which makes them very suitable for pursuing M.Sc. course in any of the above field, besides botany, zoology and chemistry. These students definitely have an edge over others. A number of job openings are available.

### Eligibility:

B.Sc. with Chemistry, Botany and Zoology (CBZ) or any other equivalent degree like Biotechnology/ Microbiology/ Biochemistry/ Genetics/ Industrial microbiology/ Medical Lab Technology with minimum 50% marks in aggregate.

### Course contents:

Molecular biology, molecular genetics, biochemical and analytical techniques, biochemistry, bio-mathematics, biostatistics and computer applications, immunology, hybridoma technology, radio isotope technology, microbiology, enzymology and protein engineering, cell and tissue culture, recombinant DNA technology, genomics, pharmaceutical biotechnology and drug designing. Dissertation involving 12 to 20 weeks laboratory work in the related field is also a part of curriculum.

### Career opportunities:

Biotechnology is often used to refer to genetic engineering technology of the 21<sup>st</sup> century, however engineering technology of the 21<sup>st</sup> century, however the term encompasses a wider range and history of procedures for modifying biological organisms according to the needs of humanity, going back to the initial modifications of native plants into improved food crops through artificial selection and hybridization. Bioengineering is the science upon which all biotechnological applications are based. With the development of new approaches and modern techniques, traditional biotechnology industries are also acquiring new horizons enabling them to improve the quality of their products and increase the productivity of their systems.





## B.Sc. Medical Microbiology



Course summary:  
Duration 3 years, 6 months  
internship; Annual System

Dr. Gauri Singh  
Course Coordinator

## M.Sc. Microbiology



Course summary:  
Duration 2 years, 4 Semesters

Dr. Shailja Pant  
HOD



### Eligibility:

10 + 2 with PCB/PCM at least 45% marks in aggregate.

### Course contents:

Human anatomy, physiology, pathology, parasitology, systematic bacteriology, medical mycology, medical virology, medical microbiology, clinical biochemistry, immunology, molecular biology.

### Career opportunities:

This course aims to prepare the students to be able to work as a leading partner in health care team and makes them competent to work in a variety of health care set ups. With a wide range of career opportunities available today in allied health science, graduate in medical microbiology has a wide choice of career opportunities. They are in great demand in hospitals, research institutes, blood banks, food industry etc.



### Eligibility:

B.Sc. with Chemistry, Botany and Zoology (CBZ) or any other equivalent degree like Biotechnology/ Microbiology/ Biochemistry/ Genetics/ Industrial microbiology/ Medical Lab Technology with minimum 50% marks in aggregate.

### Course contents:

Bacteriology, virology, mycology, parasitology, biochemistry, biophysics, bio-statistics, immunology, medical microbiology, molecular biology, microbial genetics, recombinant DNA technology, industrial microbiology, fermentation technology, bio-informatics, computer applications, recent advances in the field of microbiology and immunology, microbial physiology, food microbiology, cellular microbiology. IV semester is dedicated to dissertation work in the related field. Food and Dairy Microbiology, Environmental Microbiology & Agriculture Microbiology.

### Career opportunities:

The course studies the diversity of microbial types, how microorganisms can be used and manipulated to aid mankind and counter the detrimental effects of microorganisms. New industries devoted to genetic engineering offer microbiologists excellent career opportunities. They are also in demand in the field of clinical microbiology. Microbiology professionals are well equipped for a variety of careers. They usually secure jobs in their respective fields of interest like research and development division of laboratories of government and private hospitals, research organizations, pharmaceutical, food, beverage and chemical, petroleum, distilleries, cosmetics & agriculture industries.

## Bachelor in Physiotherapy

Course summary:  
Duration 4 years, 6 months  
internship; Annual System



Dr. Deptee Warikoo  
HOD

## Master in Physiotherapy

Course summary:  
Duration 2 years, Annual System



### Eligibility

10 + 2 with at least 50% marks in PCB

### Course contents

Human anatomy, human physiology, general, social and clinical psychology, biochemistry, basic principles in physiotherapy, Exercise Therapy yoga and massage, electrotherapy and actinotherapy, biomechanics and kinesiology, pathology and microbiology, pharmacology, clinical orthopaedics, clinical neurology and psychiatry, clinical cardiothoracic conditions, general medicine, skin, paediatrics, general surgery, OBG, gynecology, ENT, plastic surgery, disability prevention and rehabilitation, P.T. in orthopaedics, P.T. in neurology, P.T. in cardiothoracic conditions, P.T. in general medicine and surgery, research methodology; computers and biostatics, clinical dissertation and project submission.



### Eligibility

Bachelor's degree in Physiotherapy (B.P.T) with minimum 50% marks in aggregate.

### Course contents

**Musculoskeletal Disorders:** Basic medical science, biomechanics and kinesiology, exercise physiology, exercise therapy, emergency care, physiotherapy in orthopedic diseases, orthopedic surgery, hand rehabilitation, vertebral rehabilitation educational psychology, rehabilitation physical medicine. Dissertation based on project work.

**Neurology:** Physiotherapy in neurological disorders, neurosurgical rehabilitation, physical therapy in pediatric neurology, skill enhancing studies. Dissertation based on project work.

**Sports:** Traumatology, orthopedics and community medicine, physical therapy, fundamentals in sports, rehabilitation in sports, skill enhancing studies. Dissertation based on project work.

### Career Opportunities

Physiotherapy is the treatment of diseases, injury or deformity by exercise and electro-therapeutic devices and manual therapy rather than drugs.

It is in great demand now days for preventive treatment and rehabilitation of various musculo-skeletal and neurological disorders like polio, paralysis, slip-disc, spondylitis, joint dislocation, etc. It is used exclusively, as well as, in addition to conventional treatment.

Physiotherapist works with people of all age groups to maintain and promote healthy body and restore function and independence when individuals sustain disability or problems caused by physical, neurological or other disorders.

It has tremendous scope for both service and self employment. For those who would prefer a job, there are many options like hospitals, private and government physiotherapy and pain-care clinics, sports & fitness centers, gymnasium, hotel spas, rehabilitation centers, old age homes and in the field of academics. There are greater avenues for self employment by establishing a private clinic.

Physiotherapist can obtain doctorate degree and become involved in research.



## B.Sc. Medical Lab Technology



Mr. Aditya Swarup  
Course Coordinator

Course summary:  
Duration 3 years, 6 months  
internship; Annual System

## M.Sc. Medical Lab Technology

Course summary:  
Duration 2 years, 4 Semesters



### Eligibility

10+2 with PCB/PCM with at least 45% marks in aggregate or DMLT from any state technical board or university.

### Course contents

Human anatomy, physiology, pathology, medical microbiology, clinical biochemistry, clinical hematology, histo- pathology, preventive medicine and health care. Besides this, internship for 6 months with a reputed hospital, industry, etc is also mandatory.

### Career Opportunities

With a career in the medical laboratory, you make the choices. Your opportunities are limited only by your imagination. Clinical laboratory testing plays a crucial role in the detection, diagnosis, and treatment of disease. Clinical laboratory technologists are also referred to as clinical laboratory scientists or medical technologists. Medical and clinical laboratory technologists generally have a bachelor's degree in medical technology. They perform complex chemical, biological, hematological, immunologic, microscopic, and bacteriological tests.



### Eligibility

B.Sc. MLT or Medical Microbiology or M.Sc. in Medical Sciences with minimum 50% marks in aggregate.

### Course contents

Good laboratory practice, handling of basic laboratory equipments, clinical pathology, hematology, blood banking, medical microbiology, diagnostic serology, clinical biochemistry, histology, cytology, clinical virology, clinical parasitology, clinical mycology, immunology, hospital management and organization, biostatistics and computer applications.

### Career opportunities

The physician of today is over worked professionally. It is also established that many of the functions of a physician can be performed by biomedical professionals, if given relevant education and training. One such professional is a 'Medical Lab Technologist' who carries out pathological laboratory work. A trained pathologist can work in many discrete and diverse areas. He can act as a consultant to a physician and a patient alike.



## B.Sc. Forestry



Dr. Sandhya Goswami  
Course Coordinator

Course summary:  
Duration 4 years, 8 Semesters

## M.Sc. Forestry



Dr. San Biswas  
HOD

Course summary:  
Duration 2 years, 4 Semesters

### Eligibility

10+2 in PCB/PCM with minimum 45% marks in aggregate.

### Course contents

Basic forestry and allied courses like geology and soil science, hydrology and watershed management, soil survey and land use planning, medicinal and aromatic plants, forest entomology and pathology, apiculture and sericulture, dendrology, world forestry systems, agro-forestry and social forestry, environmental studies, forest engineering. Introductory course of computer science, statistics, bio-mathematics, biology, plant physiology, biochemistry, biotechnology, genetics and plant breeding, microbiology, economics, agro-meteorology and remote sensing, fundamentals of wildlife & Range land management. Forest department training, live nursery establishments, industrial training related forest products.

### Career opportunities

Global concern about natural resource conservation and sustainable management requires trained forest managers



for the management of the forests globally reclamation of degraded sites like coal mines, waste lands and other problematic soils. Forestry graduates may look forward for career in Indian Forest Services and State Forest Services, various departments of Ministry of Environment and Forests, agricultural and forestry universities, Ecotourism departments, IBPS (agriculture field officer), PWD & BRO (for roadside plantation), wood and non-wood forest based industries like plywood, furniture, medicinal plants, etc., Soil conservation, watershed management and plantation agencies and organizations, NGOs in the field of environment management, rural and tribal development, etc. International agencies like WWF, FAO, DANIDA, CIFOR, SIDA, USAID, DFID, etc. also offer placement to forestry graduates.



### Eligibility

B.Sc. Forestry (4 yrs) or B.Sc. with Forestry as one of the subject with 45% marks in aggregate.

### Course contents

Advanced Silviculture, Forest Bio-metric, Advanced Forest Management, Remote Sensing & GIS, Forest Resource Management and economics, Wood based Industries, Chemistry of Forest Products, Forest Policy & Utilization, Advanced Forest Ecology, Forest Biodiversity Conservation, Forest Protection, Seminar, Wood Science and Technology, Medicinal Plants and Aromatic Plants, Plantation Technology, Watershed Management.

### Career opportunities

Forestry is the art and science of tree resources, including plantations and natural stands. The main goal of forestry is to create and implement systems that



allow forests to continue a sustainable provision of environmental supplies and services. The challenge of forestry is to create systems that are socially accepted while sustaining the resource and any other resources that might be affected.

Forestry post graduates may look forward for career in IFS and SFS, various depts. of MoEF & CC, agricultural and forestry universities, wood and non-wood forest based industries like plywood, furniture, medicinal plants, etc., soil conservation, watershed management and plantation agencies and organizations.



## B.Sc. Agriculture



Dr. C.S. Pandey  
HOD

Course summary:  
Duration 4 years, 8 Semesters

## M.Sc. Agronomy

Course summary:  
Duration 2 years, 4 Semesters

### Eligibility

10+2 with minimum 45% marks in aggregate with PCB

### Course contents

Agronomy, general botany, general zoology, animal husbandry, field crops, plant physiology, genetics, manures & fertilizers, dairying, plant breeding & introductory seed technology, general horticulture, soil chemistry, etc.



### Career opportunities

The scope after completion of B.Sc. in agriculture is quite wide in terms of both higher education and job opportunities. As far as higher education is concerned, the most obvious choice after B.Sc. in agriculture is Master of Science in agriculture. The master's degree will help a student gain more detailed and specialized knowledge about the subject as well as help to seek better jobs. MBA in agriculture is also another option. On the other hand if students choose to opt for job rather than higher studies then there's no worry, as there are a lot of government and private bodies who seek for knowledgeable and skilled professionals to benefit their business. Organizations like banks, insurance companies, dairy consultancies, animal industry etc. employ professionals from agriculture field.



### Eligibility

B.Sc. in Agriculture with minimum 45% marks in aggregate.

### Course contents

Crop Ecology, Modern techniques of raising field crops, Medicinal and Aromatic crops, Weed Management, Soil Science, Statistical methods for research in field crops, Irrigation Water Management and Seed Production Technology.

### Career opportunities

Agronomists are in high demand for successful and profitable cultivation of various crops, viz. sugarcane, jute, medicinal and aromatic crops in different private industries, Govt. sectors and societies. Prospects are highly bright for research activities in different ICAR institutes, SAUs and CAUs. Specialized farming system entails the crops produced and exported in different countries require Agronomists in different capacities. There is high demand of agronomists in fertilizer industries, seed industries and agrochemical industries etc.



## B.Sc. Horticulture



Dr. Ritu Pandey  
HOD

Course summary:  
Duration 4 years, 8 Semesters

## M.Sc. Biochemistry



Dr. Gyanendra Awasthi  
HOD

Course summary:  
Duration 2 years, 4 semesters



### Eligibility

10+2 with minimum 45% marks in aggregate with PCB/PCM.

### Course contents

Horticulture, Soil science, Genetics, Cytogenetics, Plant Breeding, Entomology, Pathology, Microbiology, Olericulture, Pomology, Floriculture, Post Harvest Technology, Biochemistry, Biotechnology, Medicinal and Aromatic Plants, Apiculture & Agro forestry.

### Career opportunities

Horticulture has promises for the welfare and health of the society and nation as well. It has been recognized as one of the most important enterprises for improving the economy of nation in general, and of hill region in particular, besides generating self employment.

It is an extremely diversified field with nearly unlimited career opportunities. Horticulturists play a vital role in improving the cultivation practices of fruit, flower and vegetables crops. The scope deepens wide with the cut flowers for export to different countries. In addition, post harvest handling of the fruits, vegetables and flowers provide an opportunity for value addition of the horticultural produce. A professional in this field can opt career as Floriculturist, Olericulturist or Pomologist.



### Eligibility

B.Sc. with Chemistry, Botany and Zoology (CBZ) or any other equivalent degree like Biotechnology/ Microbiology/ Biochemistry/ Genetics/ Industrial Microbiology/ Medical Lab Technology, Medical Microbiology with minimum 50% marks in aggregate.

### Course contents

Organic chemistry, biomolecules, bioenergetics, intermediary metabolism, enzymology, biochemical and biophysical techniques, plant biochemistry, microbiology, molecular biology, genetic engineering, clinical biochemistry, immunology, biotechnology, biostatistics, bioinformatics; dissertation work for 12-20 weeks.

### Career opportunities

Biochemistry offers tremendous challenges to understand the most fundamental processes of life at the molecular level and to utilize this knowledge for the benefit of people. Those who make a career in this science find it endlessly fascinating, very rewarding and very fulfilling. There is a large demand for biochemists. The Government needs more scientists and technologists in all walks of life to take advantage of recent advances in knowledge. Job prospects are fair for new biochemistry graduate as compared with that of biological sciences as a whole. Biochemists find themselves placed at high profile jobs with agriculture universities and medical organizations, R&D openings in pharmaceutical/ diagnostic companies, quality control/ quality assurance, as analyst in various food industries like Nestle, Cadbury, Dabur, etc. Research opportunities are also available at renowned institutes and organizations such as BARC, CDRI, IVRI, etc besides the industry.

## M.Sc. Chemistry



Dr. Suriana Rawat  
Course Coordinator

Course summary:  
Duration 2 years, 4 Semesters

## M.Sc. Pharmaceutical Chemistry



Dr. Deepak Kumar  
Course Coordinator

Course summary:  
Duration 2 years, 4 Semesters



### Eligibility

B.Sc. with CBZ/PCM with 45% marks in aggregate.

### Course contents

Inorganic chemistry, Organic chemistry, Physical chemistry, Analytical chemistry etc.

### Career opportunities

The word "Chemistry" is itself a wide term. It provides a large platform for job and research opportunities. With a degree in chemistry, you can enter any field that is related to chemistry, i.e., Industrial Chemistry, Pharmaceutical Chemistry, Synthetic Chemistry, War Chemistry, Green Chemistry, Radio Chemistry, Agriculture Chemistry and Natural Product Chemistry etc. A good chemist has a good hold on instrumentation, simple analytical procedures, drug designing and its development. On pursuing this course one can enter in the world of chemical science involving various kinds of developments, creativity and job opportunity in the following areas: polymer industry, paper and pulp industry, dye industry, pharmaceutical and paint industries, etc., in various reputed chemical industries and Government research organizations, oil and petrochemical industries, like ONGC, Indian Oil Corporation etc., food and fertilizer industries, seed development industries and various mineral and material sciences. Faculty positions in engineering colleges, PG Science colleges, biomedical/ paramedical colleges, etc. are also available.

### Eligibility

B.Sc. in any subject, or B. Pharm.

### Course contents

Medicinal Chemistry, Stereochemistry and Reaction Mechanism, Analytical Techniques, Pharmacology, Phytopharmaceutical and Nutraceuticals, Drug design, Drug Delivery System and Biopharmaceutics, Chemistry of Natural Products, Herbal Drug Technology. Dissertation and project work is mandatory in 2nd year.



### Career opportunities

With a degree in pharmaceutical chemistry, you can make an important difference in the lives of patients and the physicians who treat them. Pharmaceutical chemists use both sophisticated instruments and simple analytical procedures to study drugs and chemicals which are present in drug samples or taken from humans or animals who have been treated with a drug.

Pharmaceutical chemists may develop new methods to determine if an experimental drug is actually absorbed by the tissue where it needs to work. The course is mainly based on the study of drugs from different origin and their medicinal values. These chemists typically work in team of professionals during the development and testing of new drugs. There is strong demand for individuals with expertise in pharmaceutical chemistry. They can attain rewarding positions in pharmaceutical firms/ industries, government laboratories such as food and drug administration, industrial set ups, where one may function as part of a drug development team or work in production, quality control or sales.



## M.Sc. Botany



Dr. K. P. Tripathi  
HOD

Course summary:  
Duration 2 years, 4 Semesters

## M.Sc. Zoology



Dr. Beena Joshi Bhatt  
HOD

Course summary:  
Duration 2 years, 4 Semesters



### Eligibility

B.Sc. with Chemistry, Botany and Zoology (CBZ) with 45% marks in aggregate.

### Course contents

Phycology, Mycology lower plants, palaeobotany, plant physiology, Taxonomy of seed plants, Plant conservation, reproduction, metabolism, cytology, genetics and plant breeding, genetic engineering, biodiversity and conservation, Plant ecology, Himalayan ecology, microbiology, biotechnology, Molecular Biology, tree biology, Plant Health management & Seed Pathology.

### Career opportunities

With the challenges posed by environmental issues on existing flora, the significance and scope of Botany has widened, than ever before. A post graduate degree in the subject makes the person eligible to opt for a career in teaching or to take up research work in any prominent University.

Besides, one can join any reputed organization as environment consultants, plant explorers, ecologists, conservationists, Taxonomist, Horticulturist, Genetics, Plant biochemist, etc.



### Eligibility

B.Sc. with Chemistry, Botany and Zoology (CBZ) with 45% marks in aggregate.

### Course contents

Taxonomy, Animal diversity (Non Chordata & Chordata), Endocrinology, Evolution, Developmental Biology, Toxicology, Cell Biology, Molecular Biology, Genetics, Animal Physiology, Ecology, Ethology, Immunology,



Biochemistry, Microbiology, Instrumentation & Research Methodology. It also covers various taxonomically oriented disciplines such as Fisheries Science Entomology and their applied field also.

### Career opportunities

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. Some of the zoology career options are: Research Scientist, Wildlife Scientist, Wildlife Managers, Remote Sensing and GIS, Ecologist, etc. Most zoologists are employed by Govt. organizations in forestry, agriculture and wildlife sectors, colleges, university and schools.

## M.Sc. Physics



Dr. Anshu Rantri  
HOD

Course summary:  
Duration 2 years, 4 Semesters

## B.Ed.



Dr. Gajendra Nath Sahu  
HOD

Course summary:  
Duration 2 years, 4 Semesters



### Eligibility

B.Sc. in PCM/PCB with minimum 45% marks in aggregate.

### Course contents

Mathematical Physics, Advance Quantum Mechanics, Classical Mechanics, Atomic and Molecular Physics, Particle physics, Nuclear Physics, Condensed Matter Physics and Computational Physics. Dissertation/projects: Seven thrust areas i.e. Particle physics, Nuclear Physics, Environmental Physics, Electronics and Communication, Climate and Atmospheric Physics, Mechanics of the Materials & Biophysics research have been identified. Special virtual Laboratory for Astrophysics.

### Career opportunities

One possibly appealing aspect of studying physics is the diversity of physics careers, which are not set in any one direction. Physics Post graduates have skills that are in high demand in diverse sectors. These include skills relating to numeracy, problem-solving, data analysis and the communication of complex ideas, as well as a wider understanding of how the world works, on a scientific and human level. The main reason to study physics at Post graduate level is to help you gain more in-depth, specialized knowledge, to prepare you to work effectively in a specific field. Whether you want to explore space, time, matter or the many other intriguing elements of the physical world, a physics degree can do wonders for your career path. While many physics post graduates go on to work within research roles, these are spread across many different industries – including education, automotive and aerospace industries, defence, the public sector, healthcare, energy, materials, technology, computing and IT. Although it is possible to enter into scientific research as a researcher in prestigious organisation like Defence Development organisation (DRDO), Physical Research Laboratory, Ahmadabad, Saha Institute of Nuclear Physics, Kolkata, Nuclear Science centre, New Delhi, besides a large number of other Govt. & PSU organisations.



### Eligibility

Bachelor's degree in Science/ Arts/ Commerce from any recognized university with 50% marks in aggregate for general and O.B.C candidates, and pass marks for S.C. and S.T. candidates. Admissions are given on merit through entrance test and rules framed by the State Govt., H.N.B. Garhwal Univ. and N.C.T.E.

### Course contents

Childhood And Growing Up, Contemporary India and Education, Language across the Curriculum, Understanding Disciplines and Subjects, Reading and Reflecting on Texts, Teaching and Learning, Assessment for Learning, Teaching Methods I & II, Drama and Art in Education, School Internship, Gender, School and Society, Knowledge and Curriculum, Creating an Inclusive School, Critical Understanding of ICT & Understanding the Self.

### Career Opportunities

Need for quality education has become a global concern. The teachers should be efficient professionals having rich combination of skills, knowledge and experience as well as responsibility and commitment to work in a world of new demands.

Large number of schools are coming up both in urban and rural areas. Thus, creating a never ending demand for good teachers both in English as well as in regional language schools.



## B. Com

Course summary:  
Duration 3 years, 6 Semesters



Mrs. Rama Garg  
Course Coordinator

## M.Com

Course summary:  
Duration 2 years, 4 Semesters

### Eligibility

40% in 10+2 in any stream from recognized board

### Course contents

Environmental Studies, Financial Accounting, Business Organisation and Management, English Language. Language English/Hindi/ Modern Indian Language, Business Law, Business Statistics, Hindi/Modern Indian Language. Company Law, Income Tax Law and Practice, Hindi/Modern Indian Language, Computer Applications in Business. Business Communication, Corporate Accounting, Cost Accounting, E-Commerce, Human Resource Management, Principles of Marketing, Computerised Accounting system, Goods and Services Tax (GST), Principles of Micro Economics.



Corporate Tax Planning, Banking & Insurance, Fundamentals of Investment, Auditing & Corporate Governance. International Business, Office Management & Secretarial Practice, Management Accounting, Consumer Protection & Indian Economy.

### Career Opportunities

As commerce students, they get familiar with knowledge of business, trade, market fluctuation, fiscal policies, industrial policies, share market, stock market etc. Hence there are ample of job opportunities in the commerce field and the salary package is also lucrative. Some major industries where commerce graduates/post graduates can seek employment are banking, insurance, management, investment, finance etc. The scope is wide in these fields. They can be roped in as Professional Accountant, Marketing Executive, Financial Analyst.

The commerce graduates can also make a successful career by opting for professional courses like C.A., ICWA and CS.

### Eligibility

45% in B. Com or 50% in B.A./B.Sc.

### Course contents

Corporate Financial Accounting, Management Principles and Practice, Business Environment, Managerial Economics, Computer Applications in Business, Business Communication.

Financial Management, Marketing Management, Human Resource Management, Research Methods & Statistics, Management Accounting, Legal Aspects of Business, Organizational Design, Development & Change.

International Business, Management of Financial Services, Income Tax Laws and Practice, Financial Markets and Institutions, Security Analysis and Portfolio Management, Consumer Behaviour, Marketing Communication.

Project Planning and Evaluation, Project Report, Risk Management and Insurance, International Financial Management, Marketing of Services, International Marketing.

### FELICITATING FACULTY ON TEACHER'S DAY



Star Faculty : Dr. C.S. Pandey, Head Agriculture Department



Consolation Prize : Dr. Sandhya Goswami, Forestry Dept., Dr. Beena Joshi Bhatt, Zoology Dept.

# Training & Placement Cell



V.K. Nagpal  
Additional Director

The Institute has a full time placement cell to provide counselling and assistance to our students in finding right type of career opportunities. The cell has a strong network with the leading Industries and research institutes all over India. It also regularly invites companies for campus placements. Our past and present students have found very lucrative placements in many leading companies, like Alembic Ltd., Apollo Hospital, Biocon Ltd., Biological E Ltd., Cipla Laboratories Ltd., Coca Cola, Colgate Palmolive Ltd., Dr. Lal Pathology Labs, Dr. Morepen Laboratories Ltd., Elder Pharmaceuticals Ltd. to name a few. Similarly many of our students are serving with excellence in leading research institutes of the country namely AIIMS, TIFR, CDRI, IARI, FRI and CSIR. We are proud that our graduates and post graduates are also excelling in leading hospitals like Fortis, Apollo, Kailash and Medanta.

The Training & Placement Cell also look after training programmes and opportunities for students to undertake their dissertation work and summer trainings, which are mandatory as per university norms.

The Training & Placement Cell provides the formal support base for placement of final year students in the form of arranging campus interviews and grooming students to face the final



test of their knowledge. The institute is equipped with a conference hall for holding pre-placement discussions and well furnished rooms for conducting interviews. The Placement Office is fully computerized.

The Training & Placement Cell is headed by Additional Director and assisted by Placement Officer, Placement Executive, Asst. Placement Executive & student representatives from various departments.

## Placement Activities

Invitations are sent to the prospective companies/ industries along with all relevant information to participate in the campus recruitment. During the current year approximately 45 companies and industries visited the campus for placement of students from different streams.

Regular contact is maintained with the prospective employers. Personal visits by the officials of Training and Placement Cell to several companies and industries also serve to build and maintain relations with the corporate world.

## Distinguished Alumni



Felicitating our Alumni



Dr. Siddhartha Sen completed his Masters in Physiotherapy (MPT), with specialisation in Musculoskeletal Disorders, from this Institute during 2003-05. Dr. Sen got enrolled for Ph. D. programme with Punjabi University Patiala and was awarded the degree in Sports Science

and Physiotherapy in 2016. Currently Dr. Sen is working as Associate Professor in Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR), Delhi. He has around 20 research publications to his credit in various national and international journals.

Dr. Deepak Samantray Physiotherapist (PT) has completed his masters degree (MPT) in Musculoskeletal Disorders from this Institute in 2008. Dr. Deepak Samantray is an eminent Indian Physiotherapist with major specialization in the Physiotherapeutic treatment of Spinal disorders,



musculoskeletal injuries, arthritis, backache and degenerative conditions. He is associated with various educational institutes, non-profitable organizations and physiotherapy care centres all over India. Currently he is the Director, Relight Physiotherapy Centre, Bhubaneswar, Odisha. Dr. Samantray also holds the post of Principal at Franklin Institute of Medical Sciences since August 2017. Earlier (from 2010-13) he was the HOD of International Institute of Rehabilitation Sciences, Bhubaneswar. He is also working as a Resource Person for Manual Therapy Workshops since 2013 and till date he has conducted 46 workshops.



Praveen Kumar completed his M.Sc. Microbiology from the Institute in 2009. He started his career in 2010 with Vadilal Industries Ltd., Bareilly as Microbiologist. Presently he is working with Patanjali Ayurved Ltd., Delhi NCR as Quality Assistant Manager.

Amit Gupta completed M. Sc. Microbiology from the Institute in 2010 and joined Procter & Gamble India. He is still continuing with the same MNC and is designated as the Regional Microbiologist, Global Microbiology Delivery Organization.



# Conferences

## Seminar on Cancer Biology

A Seminar on Cancer Biology was organized by the Department of Biochemistry on 8th April, 2017. Dr. Gyanendra Awasthi Organizing Secretary informed the participants that currently 200 different types of cancer are prevalent in which lung cancer is the most prominent one and approximately 1.4 million people across the globe die of lung cancer every year. Next common cause of death due to cancer in males is the cancer of prostate & more than 74,000 thousand people are dying annually due to cancer of gastrointestinal tract.



Dr. Manish Naithani, Associate Professor, Department of Biochemistry, AIIMS, Rishikesh in his key note address explained in details about grading of tumors and

modern techniques for diagnosis of cancer.

Dr. Narotam Sharma, In-charge Central Molecular Laboratory, SGRR Medical College, Dehradun spoke on Cervical Cancer. He said that it is a major cause of death in females after the breast cancer. It is caused by HPV virus and can be treated if diagnosed early.

Dr. Premraj of Quigen Laboratory, Delhi, explained about causes, diagnosis and treatment of chronic myeloid leukemia. He mentioned that stem cell therapy is the new technique for treatment of CML. Dr. Shailja Pant, Principal in her closing remarks emphasized that individual & community efforts can be helpful in fighting with the cancer.

## One Day Seminar on Stress Management



Stress is the major factor which needs to be managed among majority of students during examinations. Keeping this in mind a one day seminar was organised by Dr. S K Aggarwal, I/C

Capacity Building and Skill Development Cell on 1st December, 2017. Cdr. Yograj Negi, a renowned motivational speaker, gave detailed explanation on how to be stress free during examinations. He discussed about Neuro Linguistic Programme (NLP), Yoga and Meditation

for reducing unwanted stress. Dr. Sanjay Kumar Agarwal discussed about the reasons and remedy for stress in life of the youths. He focused on the importance of breathing exercises, principles of life management and spirituality in the current scenario.

## Seminar on Water Resource Development

Dept. of Agriculture and EDP Cell organized one day seminar on 'Water Resource Development in the Hilly Areas' on 2 May, 2017. Dr. G.P. Juyal, Retired Scientist from Indian Institute of Soil & Water



Conservation, Dehradun highlighted various water conservation techniques which could be adopted successfully by the local people in hilly areas of Uttarakhand. Shri Yog Raj Singh Negi, Lt. Commander (Retired) delivered an interesting talk on 'Role of NLP in dealing with Examinations'.

## A Hands-on-Training Workshop by Department of Forestry



A Hands-on-Training Workshop was organised on 28th October, 2017 by the Dept. of Forestry on "Forest Logging operations" in "Aduwala 2B, Timli Forest

Range, Kalsi Forest Division, Dehradun". Shri R S Kaheda, Divisional Logging Manager and Pramod Narang, Deputy Logging Manager, Forest Development Corporation, Govt. of Uttarakhand were the resource persons who made the students aware about the logging operations.

## Symposium on Food Safety & Quality Assurance

Department of Micro-biology organised a one day symposium on "Food Safety and Quality Assurance" on 18th November, 2017 with the objective of educating the students about the current techniques used in food industry for food quality, food preservation and its effects on health. The consumer laws and their draw backs were also discussed in the symposium.



Dr. Shailja Pant, Principal and the Organizing Secretary of the symposium briefed the participants on the objectives and role of the 'Symposium on Food Safety and Quality



## Glimpses of Guest Lectures



Dr. Ajya Thakur  
Scientist E, FRI Dehradun



Dr. G.P. Juyal, Retd. Principal Scientist & Head,  
Engineering & Hydrology Division,  
Indian Institute of Soil and Water Conservation, Dehradun



Prof. Prakash Nautiyal  
Dept. of Zoology H.N.B. G.C. Univ. Srinagar



Dr. S.P. Kala  
Doon University Dehradun



Dr. B.K. Tyagi  
ICMR, Malaria Research Centre, Pondicherry



Dr. N.S.K. Harsh  
Former Scientist & Head, Forest Div. FRI D.Dun



Dr. S.P.S. Rawat  
Scientist G & Add. Dir. Gen., ICFRE, D.Dun



Dr. R.P. Kala  
Retd. Regional Manager, Uttaranchal Forest Development Corporation



Dr. Potsangbam Nandita  
Head, Dept. of Physiotherapy, SGRRIMS, D.Dun



Dr. Subrata Nandy  
Scientist, IIRS, Dehradun



Dr. Nikhil Rajput  
Ramanujan College, Delhi University



Dr. Jogi Jons  
Head, Dept. of Physiotherapy, yashoda Hospital Delhi

Assurance. In his inaugural address Shri M.M. Varshney, Sr. Vice President, Flex Foods Ltd on the topic talked on "Overview and Recent Trends in Food Quality Standards". Dr. Biswaroop Chatterjee, Associate Professor, Department of Micro-biology, Himalayan Institute of Medical Sciences, Dehradun talked in brief on "Food Borne Infections and their Laboratory Diagnosis". Shri V. P. Kukreti, Former Principal, Govt. Food Science Training Institute, Ramnagar, Nainital spoke on "Food Control Agencies and their Regulations". Dr. S. Sengupta Pandey, Secretary, State Govt. of Uttarakhand gave brief information on "Food Safety Act and Trade Regulations".

### Workshop on Social Entrepreneurship

Dolphin Student's Welfare Committee in association with Dainik Jagran, the renowned news daily organized a one day workshop on 29th May 2017 on the topic "It is in the hands of youths to change the direction and condition of the society and if the youths



decide then they could run the county in the right direction to a bright future”.

The team from Dainik Jagran led by Shri Mohit Gupta, Brand Manager introduced the young students to seven objectives of the workshop and the participants were asked to take oath to ensure their commitments to the above objectives. National responsibilities were covered in the seven aims in this special workshop and students were motivated to attack on social evils and to work on social development. He appealed to the students to be a part of this initiative of Dainik Jagran and serve the civil society at large. Students expressed their enthusiasm to be a part of this noble and innovative process.

## Celebration of Days

### World Environment Day

World Environment Day was celebrated on 5th June 2017 with the theme “Connecting people to Nature” as declared by United Nations Environment Programme (UNEP). Saplings of Krishna Ficus, Buddha Bamboo and Bahera were planted in the campus to mark the occasion. An oath on “Natural Resource Conservation” was administered by Ms. Purna Bahuguna, faculty, Environment Science, to all participants. The students were also taken on an excursion to the Solar Energy Park of Uttarakhand Renewable Energy Development Agency (UREDA) to highlight the importance of solar energy in promoting renewable energy.



### World Malaria Day

Department of Zoology organised one day seminar on “Malaria: Past, Present and Future Challenges” on the occasion of “World Malaria Day” on 25th April 2017. Key note address was delivered by Dr. Vijay Veer Singh, Former Director, DRDO Gwalior. Dr. S.C. Dhiman, former Head, Department of Zoology, M.S. College, Saharanpur also discussed in details the threats posed by malaria and means to combat it.



### World Immunology Day

Department of Biochemistry in collaboration with Immunological Society of India celebrated World Immunology Day on 29th April, 2017. Dr. D.K. Mandal, Resource Person from ICFAI University delivered a lecture on “Nano-particles and their Industrial Application”.

### World Mosquito Day

World Mosquito Day was observed on 21st August 2017 by the Department of Zoology. The students were made aware of the various diseases spread by mosquitoes like dengue, malaria etc and the ways to control them. The common symptoms of these diseases were also discussed and students were suggested to spread awareness about the same in their neighbourhood.



### World Physiotherapy Day

Department of Physiotherapy celebrated World Physiotherapy Day on 8th September 2017. The day is an opportunity for physical therapists from all over the world to raise awareness about the crucial contribution the profession makes towards keeping people well, mobile and independent. The day marks the unity and solidarity of the physical therapy community around the world.



# Dolphin Students Welfare Council (DSWC)

## Distribution of stationery in rural areas on the occasion of Children's Day

Dolphin Students Welfare Committee (DSWC) undertakes a noble initiative each year to facilitate the needy students with stationery under the project 'Muskan'. This year the



programme was organised on 14 November, 2017 in the schools nearby the institute, i.e., Manduwala, Sudhowala and Bhauwala of Sahaspur Block to commemorate 'Children's Day'. Stationery items like note books, pen, pencil, eraser, sharpener, scale, etc. were distributed to 200 students in the above schools by student members of DSWC and Shri Vipul Garg, DSW on behalf of the Institute.

## Sweaters provided to school students in rural areas



Dolphin Students Welfare Committee is ever ready to help meritorious but financially weak students. Scholarships, free education for genuinely needy

students, dress and stationery distribution, help to orphan children/students and many more programmes are being run by the Institute through the Students Welfare Committee for more than a decade.

One of the activities under the scheme 'Muskan' was distribution of woollen sweaters to needy students in the schools in rural hilly areas of the Doon valley.

During December, 2017 members of Dolphin Students Welfare Committee under the guidance of Sh. Vipul Garg, DSW & Sh. Pankaj Gusain, PRO visited 17 Primary Schools, Junior High Schools, Higher Secondary and Senior Secondary Schools and distributed 650 sweaters to these students.

## Road Safety Awareness Campaign

Ms. Nivedita Kukreti, IPS, SSP Dehradun and Sh Dharendra Gunjijal SP Traffic Dehradun addressed the students of the



Sh. Dharendra Gunjijal  
SP Traffic Dehradun

institute on 8th December, 2017 regarding major causes of accidents on the road and advised students to take proper measures for the safety of their valuable lives and property.



Ms. Nivedita Kukreti, IPS  
SSP Dehradun

## Cleanliness Drive

On the occasion of 18<sup>th</sup> anniversary of Uttarakhand state a cleanliness drive was organized under the aegis of DSWC on

4<sup>th</sup> of November 2018. The localities in the close vicinity of the Institute were cleaned



by the students under



Mr. Vipul Garg  
Dean DSWC

the guidance of Sh Vipul Garg, Dean and faculty from the Dept. of Botany Dr. A.K. Pundir and Ms. Perna Bahuguna.

## Free Distribution of saplings

Almost 500 saplings of Amla, Chandan, Amartas and Sheesham were distributed free of cost by the students of the institute among the



residents of the town to the make the town more green and beautiful. These saplings were grown in the Institute's nursery by the students from the Dept. of Forestry under the guidance of their teachers.

## Fresher's Party 2017-18



Fresher party for the session 2017-18 was organised by DSWC in Institute's premises on 11th & 12th October 2017, in which old students from all 14 departments welcomed about 900

new students and introduced to them the traditions and culture of the institute through the programme "Welcome Fresher's".

## Participation in International Literature & Arts Festival

Institute's faculty and students attended International Literature and Arts Festival held on 18th & 19th Nov. 2017. It was marked by launch of two books, namely "Valley of Words" & "Leaves of Life" by Meera Chhadha Borwankar, a 1981 Batch IPS Officer. The second edition of the popular book "Khakhi Me Insaan" by Shri Ashok Kumar, IPS & ADG Law & Order of UK Police was also released during the festival.



## Voluntary Blood Donation Camp

Dolphin Students Welfare Committee & N.S.S. unit of the Institute organized a voluntary blood donation camp on 27th November 2017 in collaboration with I. M. A. Blood Bank,





Dehradun. Dr. Piyush Goel of I. M. A. blood Bank emphasized on the importance of the blood donation. 160 Units of blood were donated by the students, faculty & staff of the Institute.



#### Dolphin Institute honoured for organizing regular Blood Donation Camps



St. Joseph Academy Alumni Association and Amar Ujala Foundation jointly honoured the 'Mahadanis' of the Capital on the occasion of Gandhi Jayanti-2017. The programme was organised to honour the societies, and

Institutions who have made note worthy contribution in blood donation during the year. The Dolphin Institute was honoured for its role in making multiple blood donations in the year to various Blood Banks in Dehradun. Shri Vipul Garg, DSW, received the Certificate from Shri Prakash Pant, Hon'ble Finance Minister, U.K. and Dr. Naveen Baluni, Health Advisor to the Chief Minister of Uttarakhand on behalf of the Institute.

#### Dolphin Institute hosted the HNBGU Intercollegiate Boy's Football Tournament- 2017-18

Institute hosted the HNBGU Intercollegiate Football Tournament (Boy's) from 7th to 9th November 2017 at Ambedkar Stadium ONGC, Dehradun. 22 teams from different affiliated colleges of the University participated in the tournament. The DBS (PG) College, Dehradun was declared winner.

#### Participation in "Dehradun Marathon" organised by Uttarakhand Police



Uttarakhand Police organized a Marathon namely "Run for Road Safety! Run for Women Safety" on 17 December 2017. The Marathon was held in different categories, in which 20 thousand persons from all

over the country participated. Chief Minister Trivendra Singh Rawat with DGP Anil Raturi presented awards to the winners of the "Dehradun Marathon". 40 Students from Dolphin (PG) Institute, Dehradun also took part in the Half Marathon. Department of Physiotherapy Dolphin Institute also provided physiotherapy services for the participants in the Dehradun Half Marathon.

#### 17th Annual Week "Srijan-2018" Celebrated

17th Annual Week "Srijan-2018" was celebrated in Institute's campus from 19th-23th Feb. 2018. Annual week commenced with a scintillating March Past. Shri Ramesh Garg, Present Dolphin Educational Society, was the Chief Guest on this occasion. A galaxy of competitions was organized between the different departments during the week. The student members of DSWC were felicitated along with Sh. Vipul Garg, Dean DSWC.



# Assets



## Well Planned & Well Maintained Campus

The institute has its own building and well equipped class rooms and state of art laboratories, which were duly appreciated by the State Govt. and the Peer Team of NAAC. Institute has 48 class rooms, of which 25 are fixed with over head LCD projectors. We have a total of 29 labs, each of which can conveniently accommodate 30-40 students at a time. The Institute has separate boys & girls hostels with each room having attached washroom; dining hall, game facilities and Wi-Fi campus.

In accordance with NAAC guidelines institute has Central and Departmental Libraries, Computers, Wi-Fi campus, Internet café, Sports facility, welfare schemes, Grievance Redressal Cell, IQAC, Dolphin Student Welfare Committee (DSWC), auditorium.

## Connectivity

The institute and the hostels are well connected by metallic road with the city via Prem Nagar. Plenty of private local buses and pickup vans are available for easy approach to the Institute and the hostels. The Institute also provides its own bus service for the Hostellers as well as Day Scholars and the faculty members.

## Well Stocked Computerized Library



The central library of the institute has 23,400 accessioned books which are managed by Digitised

Library Information system. In addition there are 16 departmental libraries to facilitate quick access to frequently referred books by students. Institute's library spreads across six thousand square feet area and stocks ample number of books to cater to all levels of UG & PG courses requirements. The reading room with the sitting capacity of more than 250 students is well lighted and peaceful. The library also subscribes to reputed professional research journals and general knowledge periodicals. It gives added advantage to students to be aware of latest inter-national developments in their respective fields. Library is well staffed and is headed by an experienced chief librarian.

## NPTEL Local Chapter

The National Programmer Technology Enhanced Learning (NPTEL), a project funded by the Ministry of Human Resource Development (MHRD), provides e-learning through online web and video courses in Sciences, technology, and Humanitarianism. This is a joint initiative by seven IITs and IISc Bangalore.

Dolphin Institute is approved to be the Local Chapter of NPTEL project with effect from October 2015.

Institute has a great practice of e-learning and execution of online courses in various streams of science & technology.

Through this initiative, we facilitate our students to enhance understanding of subjects and improve their employability skills. The Local Chapter office of the Institute has received more than 1000 video lectures in various stream of science & technology from IIT Madras and have also well updated NPTEL digital library.

## INFLIBNET Facility

The N-LIST program subscribes to Web of Science for universities, Annual Reviews (33 journal titles), JSTOR (2500 titles), Nature (27 journal titles), Project Muse (400+ journal titles) and Taylor and Francis (1079 titles) for 35 technical institutions including IITs, IISc, IISERs and selected NITs. Besides, more than 5,000 e-journals and 95,000 e-books are subscribed for the Institute.

## Global Standard Labs and Class Rooms

The Institute has the objective of grooming the students to be competent professionals, the need of the hour. To complement the foundation laid in the lecture theaters, the Institute boasts of state of the art laboratories. The large, spacious, well-lit and ventilated laboratories have been carefully designed keeping in mind the individual requirements of the students. Besides ICT enabled class rooms with OHP, overhead and portable LCD facilities have been provided in a number of class rooms and labs, besides the seminar hall. The NAAC Peer team appreciated the infrastructure available in the institute for teaching and learning.



Students from other universities are enrolled for Ph.D. programme in various departments.

Each department has been provided with individual departmental library as per norms laid down by NAAC.

## Hightech Computer Lab



Information technology acts as foundation for better access to information in society. It is a term popularly used to refer to the availability and use of advanced information services by means of a variety of high capacity data transport facilities, especially the computers and computer networks.

The institute has an updated ultra modern hightech Computer Lab having more than 100 computers.

## Cyber Café, Photostat Shop & ATM

A cyber café, a stationary shop, ATM and a general store are available within the campus for the convenience of students



and the staff. The photo-copying facility is functional during college hours on all working days.

### Auditorium



A newly constructed auditorium was recently inaugurated by Pandit Vishwa Mohan Bhatt, Grammy-winning Hindustani classical maestro. Now the Institute has two state of art

Auditorium with modern light & sound system for conducting seminars, guest lectures, cultural programmes and have a combined seating capacity of around 500.



### Cafeteria/Canteen



The Institute has constructed a new Cafeteria with separate seating facility for students & faculty members. The institute's canteen offers tea, coffee, cold drink, lunch and delicious snacks at very reasonable rates on all working days.

**Solar Energy:** With an initiative to move towards green energy concept, the Institute has installed a 100KW Solar plant which fulfills the entire electricity need of the campus.



### Cozy Hostels

Our concern for students is not only limited to academics alone. Separate hostels for girls and boys, managed on no profit-no loss basis are also provided to ensure proper, hygienic and comfortable stay.



The girls' hostel provides accommodation on twin sharing arrangement with attached bath cum toilets having 24 hours water supply. It has hygienic dining facilities. The girls' hostel is fully Wi-

Fi, providing easy internet access to the resident students within the confines of their rooms. There is a proper security set up with round the clock guards besides lady wardens.

To and fro Institute bus facility is available from all the hostels on all working days. Bus facility is also provided for outings on holidays. Students are expected to abide by the rules and regulations of the hostel. Facilities like comfortable rooms, excellently managed mess with common dining hall, internet, indoor and outdoor games make their stay a pleasant experience. The students also take part in different festival and cultural activities within the hostel.

### Transport

To ensure that the students can attend classes regularly and punctually, the Institute has its own fleet of buses and transport facilities. The bus routes have been planned in such a way so as to cover major points in Dehra Dun city and surroundings.



### Sports Facilities

Sports activities play a crucial role in overall personality development of the students. Sports benefit physical and mental health of the students and inculcate leadership qualities, comradeship, endurance and perseverance in the students.



Therefore, in spite of very busy academic schedule, Institute tries to maintain a balance by encouraging students to participate in both indoor and outdoor games. The Institute has vast playing fields and indoor game facilities. These provide opportunities to the students to participate in the whole range of games like cricket, football, basketball, volley ball, etc. under the guidance of experienced physical education instructors. Indoor game facilities include chess, table tennis, carom and gymnasium. Students can also opt for coaching in skating, tennis and yoga.

Sport events are organized regularly, besides the annual sports week. Institute has a regular games coach and coaching is provided to students for these events. The best player and the House declared champion are awarded in annual function of the Institute. This reflects our tenet of a "Healthy Mind in Healthy Body".

### Advanced Diagnostic Centre

Maa Bala Sundri Diagnostic Centre is equipped with modern facilities such as biochemistry analyzer and fully automated cell counter. The centre provides all the major investigation related to blood & other fluids for the students, staff, faculty and general public at affordable cost.



### Physiotherapy Centres.

The institute operates eight state of the art physio-therapy centres at various locations in Dehra Dun city, i.e., Jankalyan Hospital, Sakya Hospital, Sanatan Dharam Mandir



Physiotherapy OPD, Lion's Charitable Hospital, Maharaja Agrasen Charitable Hospital, Synergy Multispeciality Hospital, Vivekanad Charitable Hospital, Vikas Nagar and one in the campus itself. Our Health Centres have earned a name for themselves in providing high standard health care facilities and services to the patients on very nominal charges. A large number of patients visit these centres for medical aid. Each of these centres is well furnished in terms of physiotherapists and other related medical equipments. These centres provide the much needed modern physiotherapy facilities to public at large. They also act as hands-on-training centres for our B.P.T. and M.P.T. students since they provide them excellent platforms for exposure in their fields of specialisation.



## Academic Honour



## Instrumentation Facilities

**G**ood infrastructure of class rooms and laboratories are the strength of any good academic institution. Our vision and mission is no different and the institute take pride in having strong orientation in creating the best laboratory and research facilities. The NAAC Peer Team credited us with "Good infrastructure of class rooms and laboratories; conducive environment for teaching and learning".

The Institute has at least two fully outfitted laboratories for each stream. The labs are equipped with state of art educational and research instruments like PCR, UV- VIS double beam spectrophotometer, Gel documentation system, Fermentor, HPLC, Fluorescent microscope, Elisa reader, Millipore water purification assembly, Iso-Kinetic Testing and Rehabilitation System, Cooling Centrifuge, -20°C Deep Fridge, Microscope with CCTV, Shaker Incubator, CO<sub>2</sub> Incubator, Anaerobic Chamber, both horizontal and vertical laminar, Plant Tissue Culture lab, etc to name a few, for imparting high quality laboratory exposure and hands-on training to the students. Consequently invariably our students are selected for in course training programmes in leading laboratories, institutes and industry in the country.





# Admission



Shri Chanchal Goel  
Chief Admission Officer

## Policy & Procedure

The candidates who fulfill the prescribed eligibility criterion for various courses are selected by the admission committee of the institute purely on merit basis and the interview conducted for the purpose. Eligibility concessions, if any, are as per the HNB Garhwal Central University rules and regulations.

The applicants must bring their original mark sheets and relevant pass certificates along with attested photocopies of the same at the time of admission.

On being cleared by admission committee, the student has to deposit the registration fee of Rs. 15000/- for reserving his/her seat. Applicants can pay either by bank D.D. in favour of Dolphin (PG) Institute of Biomedical & Natural Sciences, payable at Dehra Dun or by cash. Tuition fee will have to be deposited positively in the Institute within 15 days of registration. The Hostel fee, when admissible can be paid at the time of reporting also.

Fee is non-refundable. Details of the fee structure and terms & conditions are provided in Annexure-1 in the handbook.

## Rules and Regulations

It is understood that any student who has taken admission in the institute has thoroughly read all relevant information contained in the prospectus and he is bound by the prevalent rules and regulations in the institute. These have been provided separately to every individual student in the form of a booklet at the time of admission. The students must go through them thoroughly.

However, no excuse will be acceptable from any student with regard to ignorance of these rules and regulations.

Some of the salient points are as below:

1. Once admitted to the Institute every student is bound by the disciplinary rules of the institute.
2. Principal is the final authority to implement all rules and regulations as laid down and every student is expected to follow them as per the Principal's Directives.
3. The Principal may exercise these powers directly or through delegation of authority through a Disciplinary Action Committee, which is chaired by the Principal.
4. Decision taken by the Disciplinary Action Committee with regard to his or her act of misconduct will be binding on concerned student of the Institute.
5. Every student has to fulfill the minimum attendance requirement in theory and practical classes as specified by the affiliating university i.e. HNB Garhwal Central University, Srinagar.
6. No student will absent him or her self from any lectures without obtaining prior permission from the competent authority as notified from time to time.
7. Admission of a student will stand cancelled in case of failure to attend the classes for six or more days without permission.
8. Wearing of proper uniform and carrying the identity card is compulsory. No student will be allowed access in the campus without uniform.
9. Application form for admission, fee structure and list of documents required at the time of admission are Enclosed (Annexure 1-3).

## Admission Coordinators



Dr. Tahir Nazir



Mr. Rajesh K. Jha



Admission Team

# Location

Institute is conveniently located adjoining Dehra Dun - Chakrata Road. Distances from important destinations are indicated below :

Jolly Grant Airport (Dehra Dun)	:	40 km
Dehra Dun Railway Station	:	15 km
Dehra Dun ISBT	:	20 km
Delhi	:	250 km
Haridwar	:	60 km
Chandigarh	:	170 km
Paonta Sahib	:	35 km

Important notes:

1. Applicant should read carefully the rules and regulations of the institute at the time of taking admission.
2. Once a seat has been allotted to an applicant, liability of paying full course fee is on him / her under all circumstances.
3. Applicant should carefully go through the fee structure and payment schedule for the course of interest.
4. H.N.B. Garhwal Central University, Srinagar prepares the course structure, curriculum duration, syllabus and examination schedule. Any change in these by the University will be applicable.
5. All disputes are subject to Dehra Dun jurisdiction only, irrespective of the place of residence of the applicant.



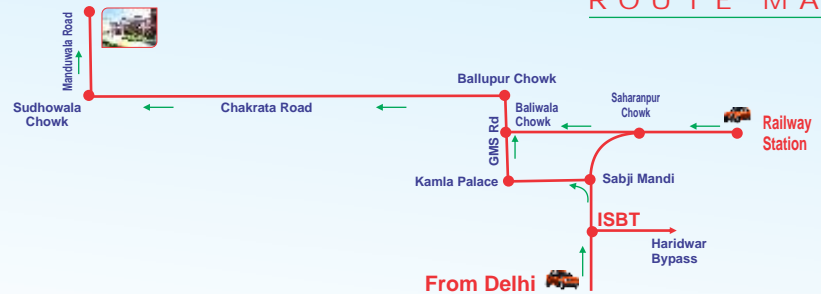
# Our Recruiters

- Alembic Ltd.
- Apollo Hospital
- Biocon Ltd.
- Biological E Ltd.
- Cipla Laboratories Ltd.
- Dr. Lal Pathology Labs
- Dr. Morepen Laboratories Ltd.
- Elder Pharmaceuticals Ltd.
- Embark Life Sciences
- Aquamall Water Solutions Ltd.
- Fortis Hospital
- Fresenius Kabi Ltd.
- India Glycol Ltd.
- Ind-Swift Ltd.
- IPCA Laboratories Ltd.
- Kailash Hospital
- Mankind Pharmaceuticals
- Nectar Life Sciences Ltd.
- Parabolic Drugs
- PlanetHerbs Life Sciences (Pvt.) Ltd.
- Ranbaxy Laboratories Ltd.
- Rusan Pharmaceuticals Ltd.
- Sharon Bio-Medicine Ltd.
- Shreya Life Sciences
- Sozin Flora Pharma Ltd.
- Tata Research Institute
- Troikaa Pharmaceuticals
- V.L.C.C.
- Windlas Healthcare
- Wochardt Ltd.
- to name a few...



## DOLPHIN INSTITUTE

## ROUTE MAP



## Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehra Dun

Affiliated to H.N.B. Garhwal Central University, Srinagar (NAAC Accredited A Grade University), IAP Recognised

### Campus :

Manduwala, Chakrata Road,  
Dehra Dun-248007, U.K.  
Cell : + 91 9927800045, 46, 47  
+ 91 9568004547, 57  
Fax: + 91 7505926660

### New Delhi Office:

J-3/316, DDA flats,  
Kalkaji,  
New Delhi

### Srinagar Office :

Opp. Sir Syed Gate  
Kashmir University  
Near Teshil Office, Hazart Bag  
Srinagar, Kashmir  
Cell. + 91 9796525856

### Nepal Office :

Janakpur Youth Club Road  
Zero Mile, Janakpur-7,  
Dhanusha, Nepal  
Cell : +977 9812779319  
+977 9804929444

Website: [www.dolphininstitute.in](http://www.dolphininstitute.in), E-mail: [mail@dolphininstitute.in](mailto:mail@dolphininstitute.in), [goel.dolphin@gmail.com](mailto:goel.dolphin@gmail.com)

Prospectus can be procured from the above offices