

DOLPHIN PG COLLEGE

Approved by Govt. of Punjab & Affiliated to Maharaja Ranjit Singh University, PTU, Bathinda
(A State University established by Govt. of Punjab & approved by UGC)

Information
Brochure
2023-24



DOLPHIN PG COLLEGE







MESSAGE

“Working Together Works,” has been proved by the Growth & Success Story of the team Dolphin which will live forever in the history of Life Sciences Institutes. We, in the very beginning, realized the importance of fulfilling the commitments with students community & made it happen by achieving nearly 100% Placement till last year. DIBNS, Dehradun and Dolphin (PG) College have sustained enhanced humanitarian approach, global vision & perception which has exposed the students to the plethora of challenges and great opportunities to enhance their personal and career horizon.

Growth is way of life for team Dolphin & observing the keen desire of the Industry Academic who recommended the team Dolphin for venturing more such Life Sciences Colleges with other Universities in the country. With this thought Dolphin PG College was established in the year 2020 and this achievement of our core management colleagues & faculty team members stands applauded.

We assure that you will be shaped to possess leadership, International Business Techniques, Managerial, Cross Cultural & Organizational Skills during your stay with us, which will make difference in the working environment of organization where you pursue your career.

Sh. Arvind Gupta
Group Chairman





MESSAGE

As we enter the 21st century with new hopes and new expectations, it is imperative to appreciate that the world around us is changing rapidly throwing upon great challenges & innumerable opportunities. Driven by the growing trend of globalization, the revolutionary developments in the field of medical sciences & emergence of biomedical era, we are witnessing phenomenal transformations in the field of Life Sciences & Agriculture education. In emerging scenario, life sciences professionals will be operating in a totally new landscape of genetic & bio technologies.

We, at Dolphin PG College offer under graduate & post graduate study programs in the field of Science education complemented by research opportunities to prepare the students to meet the challenges. The courses are based on contemporary theory and practice and provide strong conceptual foundation to those aspiring for top positions to impart knowledge and skill in equal measure of our students. However, the pursuit of the program demands intellectual maturity, strength of purpose and willingness to work hard. For those 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 Sciences professionals who will enhance the growth in the country to match the international standards. Come, let us together build a new era of advance & emerging technologies in Sciences & transform the world.

I personally monitor the progress of the students.

Dr. Vinod Mittal
Chairman





MESSAGE

It is imperative for an institution of higher education to cop up with the challenges and need of the changing times. Accordingly, Dolphin (PG) College not only puts in the best efforts for the excellence in education but also tries to introduce the new courses as per the latest trends in the society. This college is affiliated to Maharaja Ranjit Singh University, PTU, Bathinda, a State Technical University, which ensures academic standards of this institutions.

We, at Dolphin PG College offer under graduate and post graduate courses, 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.

This institution ensures the wholesome development of the students and endeavors to groom them as professionals in the field of sciences.

Er. Vibhav Mittal

Vice-Chairman





MESSAGE

Dolphin PG College is affiliated to Maharaja Ranjit Singh Punjab Technical University, a state university established by Govt. of Punjab and approved by the UGC. Coping up with the ever changing needs of the present time and speculating the future scope of employment and research all over the globe, the university offers a diversity of courses in the fields of Agriculture Science, Life Science, Paramedical Science, Pharmacy along with a number of other technical courses.

The college, though located in the rural area of Punjab, has ample infrastructure in terms of spacious and airy classrooms, laboratories equipped with the latest gadgets and equipments, library with sufficient number of volumes, seminar halls, open air theatre and playground for the all round development of students.

The college management having a rich experience in imparting education in Science specifically believes in providing the required facilities for grooming students in hands on training and other practical aspect of their learning so that they may be able to develop all the required skills of employability both in the Public and Private sectors.

The college believes in the motto of “Higher Still” and for that the students are encouraged, motivated and inspired to achieve excellence in all the fields. The college has highly qualified and dedicated faculty that perseveringly works towards empowering students with confidence, self- reliance and resolute independence for a better future. We focus equally on the curriculum and the co-curricular activities to bring forth and enhance the latent capabilities of our students.

Dear students, the college provides you a platform for your wholesome growth so that you may contribute towards a happy, healthy and prosperous society. May you develop yourselves true to the goal and desires of yours and your parents!

Dr. Manu
Principal



CORE VALUE

DOLPHIN VISION

- To be one of the leading and most reputed educational institutes of India.
- To sustain creative values and bring laurels to our nation by training the value added man power for industry, Institute and society.
- To pressure and precious resources which are meant for the service of the mankind.

DOLPHIN MISSION

- A world class teaching platform established both for outstanding indoor and outdoor teaching learning process. High profile learning scenario through multimedia seminars group discussion, invited lectures delivered by specialists of national repute.
- Extensive exposure to laboratory based experiments to impart and inculcate self confidence in students.
- Project work procedure under the competent guidance and supervision of expert teachers in sustainable areas of Life Sciences & Agriculture Sciences.
- Management capabilities and efficient learning opportunities throughout the tenure of the student.
- Timely updating the knowledge in thrust areas of need based Science and Technology.
- Committed to public demand in the areas of professional Sciences with dedication and Goodwill.
- Large assemblage of infrastructure in a centralized laboratory with a consortium of high quality precision.

DOLPHIN CULTURE

- Dolphin College believes in Student-Teacher power This is our cohesive driving force- We hire young and competent faculty on merit basis to groom the potential latent power of the students.
- To rejuvenate social and cultural environment, various outdoor activities such as Job Fair, Sports Events, Quiz, Debate, Festival- Celebrations, Industrial & Science oriented Visit & Tours, Alumni Meet and Farewell Functions are organized.
- Dolphin culture promises total placements total placements to our students in industries of high repute and visualizes the ladder of students career high in the infinite.
- Learn Well and Earn Well to serve the society with noble cause is the DOLPHIN MOTTO.
- Meritorious students are awarded merit scholarships and students of EWS are encouraged to complete their courses with generous financial assistance.

AFFILIATION & ACADEMIC PROGRAMMES 2022-23

Dolphin PG College, Chunni Kalan, Distt. Fategarh Sahib is affiliated to Maharaja Ranjit Singh Punjab Technical University (MRS PTU), Bathinda (vide Letter No. 1328, dated 23.06.2020). Maharaja Ranjit Singh Punjab State Technical University is an affiliated technical university, established by Govt. of Punjab vide Punjab Act No. 5 of 2015 notified through Punjab Government Gazette Extraordinary (Regd. No. CHD/0092/2015-2017) notification No. 5-Leg./2015 dated 12th February, 2015 and is registered with UGC u/s 2(f) and 12(b).

POST-GRADUATE COURSES	DURATION	INTAKE
M.Sc. Radio Medical Imaging Technology	2 Yrs (4 Sem.)	30
M.Sc. Operation Theatre & anesthesia Technology	2 Yrs (4 Sem.)	30
M.Sc. Microbiology	2 Yrs (4 Sem.)	30

UNDER-GRADUATE COURSES	DURATION	INTAKE
B.Sc. (Hons.) Forensic Science & LEET	3 Yrs (6 Sem.)	30
B.Sc. Cardiac Care Technology & LEET	4 Yrs (8 Sem.)	30
B.Sc. Radio Medical Imaging Technology & LEET	3 Yrs (6 Sem.)	60
B.Sc. Anesthesia Care Technology & LEET	4 Yrs (8 Sem.)	30
B.Sc. Optometry & LEET	4 Yrs (8 Sem.)	30
B.Sc. Medical Lab Science & LEET	3 Yrs (6 Sem.)	30
B.Sc. Operation Theatre Technology & LEET	3 Yrs (6 Sem.)	30
B.Sc. Dialysis Technology	4 Yrs (8 Sem.)	30



FACILITIES



Admission Cell

The College admission cell provides all facilities under one roof to the students and parents with regard to admissions. The “ONE-to-ONE* helpline is always available for students regarding admission enquiries. Interested students for admissions can also approach via email (dolphinadmission@gmail.com) /sms/social media (whatsapp, facebook, twitter). The quick enquires can be made on college website, for this the form is available on website home page. Apart from offline, college also offers admissions through online mode. The students also get counseling services during admissions.

Education Loan

Students at the time of admission or at the time of applying for educational loan are given loan letter or alike document as required by the concerned bank for loan purposes. For the convenience of students, the college has set up a separate Loan Assistance Cell to cater to all the needs like loan letter, loan application form and for any other justifiable assistance required from the college.



Medical

Facility

In order to provide round the clock medical facilities to the students and staff and also to attend to unforeseen medical emergencies college possesses a full fledged medical dispensary in its campus under the supervision of a well qualified and experienced doctor. To deal with emergency cases, college transport is available round the dock to carry the patients for treatment at surrounding hospitals. First Aid Medicines are kept ready in the campus.



Ragging-Free Campus



Ragging Free Campus

College has constituted an anti Ragging Committee and takes several measures to make campus free from ragging. For prohibition of ragging in Campus / Hostel College follows the directions of Hon Supreme Court and Deputy Commissioner Fatehgarh Sahib as received from time to time. An affidavit/undertaking is to be given by students admitted and parents to root out ragging in all its forms from the college campus.



Hostel

Facility

Available

Separate hostels for boys & girls with rooms of two and three occupancy. There are 150 seats in hostel for boys and 225 for girls. The entire hostel complexes are ensured with 24-hour security, maintenance, power & water supply. There is provision for a Bed, a mattress, a study table, a chair and a cupboard for each student. Every hostel has solar heated water facility, water cooler, common TV room, common reading room etc. The Wi-Fi internet facility is available to students. First Aid Medicines are kept ready in the hostel. Adequate dining facilities are available for all students. Mess caters a variety of food to suit all tastes.

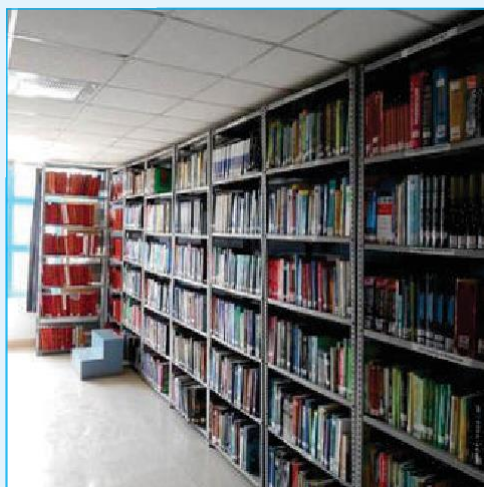
Transport Facility

College runs a fleet of buses for linking the college campus to various cities like, Chandigarh, Panchkula, Mohali, Kharar, Landran, Ropar, Kurali, Morinda, Bassi Pathana, Patiala, Sirhind & Rajpura. College buses are available to the students and faculty members for commuting from various places to the college.



Library

The Dolphin college library collection is about 9000 volumes. The library with amazingly rich collection contains abstracts, textbooks, dissertations, encyclopedias and general books. The library is also subscribing to 50+ Scientific Journals and 20+ general magazines. The leading 10 daily newspapers are also available for students. Library & Information Centre provides uncompromising information and intellectual requirements to its students and faculty with user-friendly approach and offers a fully integrated and dynamic environment for conducting academic study. Multiple copies ensure that resources are easily available to all the students. Besides this there are facilities of lending of books and journal, reservation of books, photocopying, CD/DVD and Internet services, etc.



Sports

Students are encouraged to participate in different sports and are facilitated with all required equipment to play the games of Football, Badminton, Volleyball and Basketball. College organizes annual athletic meet every year in the month of February to encourage sports among students. Best athlete boy & girl are honored with prizes. In addition to it, interclass competitions in different sports items are also organized from time to time. The college also engages a coach to supervise and guide students living in hostel to participate in different sports activity.



Canteen

College has spacious canteen facility in the premises which is monitored by college management. Catering is done in hygienic conditions and food is cooked in steam facilities. The canteen provides hot lunch, snacks and beverages both to the students and staff at reasonable rates. It is well maintained with efficient service and a take away counter. The canteen remains open on all working days. Beverages of different flavors are served on different days according to different seasons. Canteen remains open from 9:00 AM to 4:30 PM on all working days.



DEPT. OF RADIO MEDICAL IMAGING TECHNOLOGY

B.Sc. Radio Medical Imaging Technology

B.Sc. in Radio Medical Imaging Technology is a 3-year undergraduate course in Medical Lab Technology. Medicinal Radio Medical Imaging Technology involves the methods and processes used to take internal pictures of the human body parts/organs and capacities thereof for clinical purposes such as investigation of the body's normal anatomy and physiology.

Duration : 3 Years (6 Semesters)

Eligibility : All those candidates who have passed 10+2 with Physics & Chemistry as compulsory subjects and either Mathematics or Biology from recognized Board / University / Council or 10+2 with vocational course in Medical Laboratory Science / Medical Laboratory Technology with at least 45% aggregate marks (40% for candidates belonging to reserved category) in aggregate.

Scope : The need of educated and professional radiology technologists in hospitals, clinics, and physicians offices is increasing continuously. The field of radiography will be continued to show higher than average job growth into the future. After completing your degree in this field you will become Radiologist (MD), Radiology Technologists/ Radiographer, Radiology Technicians, Ultrasound Technician/ Diagnostic Medical Sonographer, MRI Technician, CT Tech / CT Scan Technologist.

M.Sc. Radio Medical Imaging Technology

M.Sc. in Medical Radio Medical Imaging Technology is a higher degree course suitable for graduates who want to pursue a professional career in MEDICAL IMAGING TECHNOLOGY. It is designed to provide specialized training in the scientific principles of modern imaging science and in the application of these principles in the field of radio diagnosis and imaging.

Duration: 2 Years (4 Semesters)

Eligibility: The candidate should have passed the bachelor's degree in Radio Medical Imaging Technology with atleast 50% aggregate marks for general category candidates and 45% marks for reserved category.

Scope: Successful post graduates of the courses are lucratively placed in a wide range of situations such as Hospitals, Clinics, Corporate Houses, Software Development Team (For Medical Imaging System), Teaching & Research. Placement is also available in positions such as X-Ray Technician, Scientific Assistant, Clinical Assistant.

Top Recruiting Companies / Areas : HLL Life Care Limited, Fortis Hospital, Max Healthcare, Metro Hospital, Holy Family Hospital, Sir Ganga Ram Hospital, Sant Parmanand Hospital, Maharaja Agrasen Hospital, etc. Doctor's Offices, Educational & Research Institutes, Radiology Clinics, Hospitals, Diagnostic Centres and such other situations.

Job Positions : Medical Advisor, Lead Medical Image Analysis Scientist, Marketing Executive, X-ray Technician, Imaging Research Assist. Manager, Radiographer, Area Sales Manager are some of the job among others.



DEPT. OF MEDICAL LAB SCIENCE

B.Sc. Medical Lab Science

B.Sc. in Medical Laboratory Science is a paramedical program that offers practical and theoretical knowledge about the diagnosis, treatment, and prevention of various kinds of diseases and health problems with the help of clinical laboratory tests. Medical Laboratory professionals play an important role in the diagnosis of the diseases and in providing the best care and treatment available for it.

During the program, students learn to detect and diagnose diseases and also the different treatments available for them. They also acquire knowledge about the collection and sampling of important data, testing, documentation, and reporting for the same.

To excel in the program, students should have good research skills and an ability to finish the task accurately. Students should also have a background and aptitude towards science, laboratory equipment and instruments and the ability to use computer and its applications effectively.

Duration : 3 Years (6 Semesters)

Eligibility : All those candidates who have passed the 10+2 with Physics & Chemistry as compulsory subjects and either Mathematics or Biology from recognized Board / University / Council or 10+2 with vocational course in Medical Laboratory Science / Medical Laboratory Technology with at least 50% aggregate marks (45% marks in case of candidate belonging to reserved category).

Mission : The mission of Medical Laboratory Sciences Program is to educate, train and graduate professionally competent and ethical individuals, committed to life-long learning according to national and international educational standards, contributing to scientific research and community services.

Career Prospects & Job Opportunities :

The graduates of Medical Laboratory Science program has a wide choice of carrier opportunities in the health care sector, both rural and urban environment including community aspects of health care and rural health care services. The sphere of services encompasses the following

- Medical Laboratory Scientist
- Molecular Biology Technologist
- Specialist in Blood Banking
- Point of Care Coordinator
- Infection Preventionist
- Laboratory Information Systems Specialist

Top Recruitment Companies : Apollo Hospitals, Medanta Hospital, Fortis Hospital, Sun Pharma, HLL Life Care Limited, Fortis Hospital, Max Healthcare, Metro Hospital, Holy Family Hospital, Sir Ganga Ram Hospital, Sant Parmanand Hospital, Maharaja Agrasen Hospital, etc.

Top Job Areas / Positions : Hospitals, Military Services, Colleges & Universities, Blood Donor Centres etc. Laboratory Technician, Laboratory Manager, Medical Officer, Research Associate, Medical Record Technician, Resident Medical Officer, Lab Assistant, Laboratory Testing Manager etc.



DEPT. OF OPTOMETRY

B.Sc Optometry

Optometry is a profession that cares for the sense of vision. The academic and clinical training imparted to the Optometrists enables them with the skills needed to diagnose, treat and prevent problems related to human being's eye sight. Offering primary eye care, optometry is a challenging, stimulating and exceptionally rewarding profession that offers excellent opportunities for work in India and abroad.

Capitalizing on this fantastic opportunity, Dolphin PG College is offering B.Sc. in Optometry. This degree programme trains and equips students looking to make a mark in the medical stream like optometry that is gaining popularity in India and abroad at a fast rate. B.Sc. Optometry offered here is a 4-year degree course.

Duration : 4 Years (8 semesters)

Eligibility Criteria : All those candidates who have passed the 10+2 with Physics & Chemistry as compulsory subjects and either Mathematics or Biology from recognized Board / University / Council or 10+2 with vocational course in Medical Laboratory Science / Medical Laboratory Technology with at least 45% marks (40% marks in case of candidate belonging to Reserved Category) in aggregate.

Career Prospectus & Job Opportunities :

Optometrists are highly in demand because they can practice in their own with other eye care professionals or can get engaged in research or teaching. The profession of Optometry throws open interesting possibilities like:

- Correction of refractive errors of the eye and prescription of glasses.
- Designing and fitting of contact lenses, prosthetic eye s and low vision aids.
- Evaluation of the health status of the eye and referring patients to ophthalmologists at the right stage.
- Detection of ocular related diseases like Cataract, Glaucoma, Diabetic Retinopathy etc.
- Diagnosis and treatment of ocular malfunction.
- Practice Public Health Optometry in schools, colleges, slums, and rural area.
- Practice Occupational Optometry in industries.
- Conduct Optometric counselling for patients with patient sight, colour blindness, hereditary vision defects and disease etc.
- Conduct vision rehabilitation and follow-up work of discharged patients.
- Participate in public education on ocular hygiene and provide counselling in nutritional related and environmental awareness.



DEPT. OF OPERATION THEATRE & ANESTHESIA TECHNOLOGY

B.Sc. Anesthesia Technology

Anesthesia Technology specialists are allied healthcare professionals who assist in the management and monitoring of anesthesia and have an all-encompassing knowledge of anesthesia techniques, technology, supplies, and instruments. Anaesthetists are the single largest hospital medical specialists and their skills are utilised in all facets of patient care.

Duration - 4 Years (8 Semesters)

Eligibility : 10+2 in Science stream from a recognized educational Board with Physics, Chemistry, English and Biology as the main subjects at 10+2 level. A minimum aggregate score of 50% (45% for SC/ST/OBC candidates) at the 10+2 level.

B.Sc. Operation Theatre Technology

Operation Theatre Technicians are allied healthcare professionals. Their tasks include assisting Doctors in Surgery, arranging surgical instruments before surgery, sterilizing instrumentation before surgery, cleaning surgical instruments after surgery, carrying out Surgeons' commands during surgery and taking care of anesthesia equipment.

Duration - 3 Years (6 Semesters)

Eligibility : All those candidates who have passed the 10+2 with Physics & Chemistry as compulsory subjects and either Mathematics or Biology from recognized Board / University / Council or 10+2 with vocational course in Medical Laboratory Science / Medical Laboratory Technology with at least 45% marks (40% marks in case of candidate belonging to Reserved Category) in aggregate.

M Sc. Operation Theatre and Anesthesia Technology

M.Sc in Operation Theatre technology and Anesthesia Technology is a 2 year course designed to provide in depth knowledge & impart skills for working as an assistant to the consultant Anesthesiologist as well as to assist in preparation of operation theatre before & during an elective or emergency surgery. The course is designed as a full time residency program with responsibilities in managing the patients.

Duration : 2 Years (4 Semesters)

Eligibility : Bachelor's degree in Operation Theater Technology/ Bachelor's Degree in Anesthesia Care Technology / Bachelor's Degree in Operation Theatre Technology & Anesthesia Technology with 50% aggregate marks for general category candidates and 45% marks for reserve category.

Career Prospects and Job Opportunities:

Employment opportunities can be found in hospitals in both private and public sectors as well as in independent healthcare clinics and as well as teaching institutes. Demonstrate ability to make clinical decision regarding Operation Theatre technology and Anesthesia techniques and select appropriate outcome measures based on the comprehensive knowledge of specialty.



DEPT. OF CARDIAC CARE TECHNOLOGY

B.Sc. Cardiac Care Technology

Cardiac Care Technology measures how well a heart is functioning and monitors heart rate. Technicians here measure how well a patient's heart is functioning. Cardiac Care Technicians are the medical professionals who administer various tests that assist the doctor in diagnosis. Cardiac Care Technicians assist physicians during invasive cardiovascular testing, where a tube is inserted into one of the blood vessels that carries blood into the heart. Once doctors insert the catheter, Technicians monitor patients' heart rate and blood pressure, looking for any signs of trouble or distress.

Duration - 4 Years (8 Semesters)

Eligibility criteria: 10+2 in Science stream from a recognized educational Board with Physics, Chemistry, English and Biology as the main subjects at 10+2 level. A minimum aggregate score of 50% (45% for SC/ST/OBC candidates) at the 10+2 level.

Scope : Since this course deals with the care and treatment of diseases related to the cardiopulmonary system and involves procedures such as diagnosis, medicine, surgery, rehabilitation, patient education etc. There are plenty of jobs available in government as well as private sector. B.Sc. Cardiac Care Technology course helps students in acquiring better management skills for different cardiac disorders. The course trains them in applying specialized occupational theory and building skills which enables them to as cardiovascular technologists and in various other positions.

Career Prospects and Job Opportunities

A Cardiac Care Technologist operates and monitors relevant equipments used during diagnosis and surgery. They monitor vital signs such as pulse rate, heart beat etc. Sometime they are also involved in patient rehabilitation & education. Cardiac Technologists assist physicians in diagnosing and treating cardiac (heart) and peripheral vascular (blood vessel) conditions, preparing patients for open-heart surgery, implanting pacemakers, monitoring patients during these procedures, performing cardiac stress tests and electrocardiograms, using and maintaining the medical equipment that catches irregular heartbeats working in laboratory settings on real patients, management of various cardiac disorders having complex diagnostic and therapeutic procedures.

Cardiac Technologists use diagnostic cardiology equipment and monitor resultant data, typically in assistance to a physician. Cardiac tech jobs are available in a variety of specialties including invasive cardiology, vascular technology, echocardiography, non-invasive cardiology.

After completing this program, you may get recruited by –Government Hospitals, Private Hospitals, Emergency Medical Services as Cardiac Care Technician, Cardiac Care Technologist, Medical Sonographer and also as Hospital Administrator.



DEPT. OF DIALYSIS TECHNOLOGY

B Sc. Dialysis Technology

Dialysis technology is a highly specialized field of nephrology (care of the kidneys). Dialysis is treatment for patients with temporary or permanent kidney failure. It is an emergency method to life saving. In clinical practice settings dialysis technologists provide dialysis treatment under the supervision of a physician or registered nurse. The dialysis technologist is responsible for all medical devices and equipment involved in renal replacement therapies. Along with patient care and equipment operation, maintenance, and repair, dialysis technologists act to ensure regulatory compliance.

Duration - (4 Years, 8 Semesters)

Eligibility: candidate should have cleared their class 12 in stream of science from a recognized board of education. The students must pass as Physics, Chemistry, and Biology/Mathematics.

Mission: Dialysis practitioners are in high demand in the present medical business, and work opportunities is likely to rise in the future all over the world. The applicant will be able to assist patients with the knowledge learned while studying the course. The students receive in-depth knowledge of life-saving technologies while also meeting the global demand for such technologists.

Career Prospects & Job Opportunities: Students have numerous options for entering the medical field, including paramedical and medical studies. Dialysis graduates who are skilled and qualified are in short supply in the sector, which can be remedied by graduating from the programmed. Aspirants may find work in a variety of government and private hospitals, as well as areas such as outpatient clinics, research and educational institutes, freestanding dialysis centers after completing the course. They can work as Nephrologists, Dialysis therapists, Dialysis assistants, Medical Laboratory assistants, Medical technicians or Dialysis technicians.



DEPT. OF FORENSIC SCIENCE

B.Sc. (Hons. in Forensic Science)

Forensic science is derived from word “Forensis” which means belonging to courts of justice or public debate and discussions. Broadly saying the recognition, identification, individualization and evaluation of physical evidence by the application of the principles and methods of natural sciences for the purpose of administration of criminal justice. Well, the forensic science embraces all branches of physical and natural sciences, chief among them are chemistry, biology, physics and geology. Over a year it has developed its own branches which are more or less the exclusive domains of forensic science. Anthropometry, ballistics, serology, documents, fingerprints, footprints, odontology were essentially developed to aid the criminal justice administration.

Duration - 3 Years (6 Semesters)

Eligibility criteria: 10+2 in Science stream from a recognized educational Board with Physics, Chemistry, Mathematics and Biology as the main subjects at 10+2 level..

Scope : Forensic science is a very vast field in its scope and applications It is well known by its several identities like forensics medical, jurisprudence and other fields such as Forensic psychology, Criminalistics, Hypnosis, Forensic Archeology, Various forensic science engages pathologists, biologists, physicists, chemists and medical officers to solve queries of crime.

Career Prospects and Job Opportunities

The students of Forensic Science can join any of the following titles according to their field of expertise:

- Forensic engineers
- Legal counselors
- Forensic expert
- Forensic scientist
- Crime scene investigator
- Teacher/Professor
- Crime reporter
- Forensic engineer
- Crime laboratory analyst
- Forensic psychiatrist
- Forensic serologist



DEPT. OF MICROBIOLOGY

M.Sc. Microbiology

Microbiology can be defined as the biology of microscopic organisms, or life too small to be seen with the naked eye. Microbiology covers several disciplines, including virology (study of viruses), bacteriology (study of bacteria), mycology (study of fungi), and parasitology (study of parasites). Each of these disciplines are included in Microbiology, but it is not limited to the study of infectious and disease causing microorganisms only.

Duration: 2 Years (4 Semesters)

Eligibility: The candidates who has passed the Bachelors degree in Sciences with subjects in the Life Sciences/ Biological/ Medical/ Engineering/ Food/ Agriculture/ Home Science and Medical Lab Technology (MLT) are eligible. Besides the candidates who have passed the Bachelor's degree in science with the following subjects are also eligible: Mathematics/Statistics, Physics and Chemistry with minimum of 50% marks (45% marks for SC/ST students).

Scope : The scope of Microbiology is huge because of the involvement of microbiology in various fields such as Pharmacy, Medicine, clinical research, agriculture, dairy industry, water industry, nano-technology & chemical technology.

Career Prospectus & Job Opportunities :

A microbiologist finds openings in the following sectors- Pharma Sector: to study the microbes, evaluating antibiotics and developing vaccines by fermentation, Food/Fermentation. Industry: to maintain the quality of food products and prevent their spoilage by Microorganisms, Agro Industry: to develop Biofertilizers and Bio pesticides. Environmental Industry: to impart consultancy to the industries for setting up/operation & maintenance of ETPs and Research & Development/Teaching :to conduct research in private/government establishments and impart teaching at the UG/PG level.

The Microbiologist gets placed in companies/industries organization as Biomedical scientists. Mycologists, Microbiologists, Cell Biologists, Geneticists, Immunologists, Parasitologists Science Writer, Teachers & Virologists. Microbiologists can work in wide areas of Laboratories, Private Hospitals, Research Organizations, Pharmaceutical industries, Food Industry, Beverage Industry, Chemical Industries, Environmental Agencies & Agriculture Departments.





ACTIVITY ROUND OF THE YEAR



EXPERIENCE ABROAD

Dolphin (PG) College has tie-up with USA, ISRAEL, DENMARK, AUSTRALIA, NETHERLANDS, SWEDEN AND DUBAI FOR INTERNSHIP AND PLACEMENT PROGRAM.

Felicitation Ceremony of Placed Students in Placement Programme in Dairy Farming in California (USA) & Denmark at package of 24 lacs per year.



Ms. Shiksha
USA



Mr. Sumit
Denmark



Md. Shameem
Hossain USA



Mr. Pritam
Chakranorty USA



Mr. Tapa Tame
USA



Mr. Ranjit Singh
Denmark



Mr. Subrata Gantait
Denmark





College Scholar

College offers scholarship to students in the following categories-

1) Early Seat Reservation (ESR) Scholarship-

Admissions open in the college in the month of June each year and classes start in the month of July. The students who register their seats in college for admission to pursue the course can avail the benefit of this scholarship. College offers scholarship as per schedule below if students register the seat for admission in new course before the month of June.

Seat Reservation before 30th March

20% Scholarship per year in tuition Fees

Seat Reservation before 30th April

10% Scholarship per year in tuition Fees

2) Economically Weaker Section (EWS) Scholarship-

The Students whose parent's total annual income is below 1.0 Lac, those students can get a scholarship of 20% per year in tuition fee. However student has to deposit income certificate of parents along with the affidavit by parents. This scholarship will be given to maximum of 5% seats of the concerned class on first come first served basis.

Documents Required

- I. Income Certificate of parents
- II. Affidavit by parents

3) Rural Area Resident (PAR) Scholarship-

Those Students, who have completed their study continuously from class 1st upto class 12nd from a village/rural area school, can get 10% scholarship per year in tuition fee. However on prescribed format (as attached in Prospectus) the student has to deposit the rural certificate from headmaster/Principal of School/College countersigned by Tehsildar. Three Students will be given their scholarship on first come first served basis.

Documents Required

Rural area Certificate by Principal of School/College countersigned by Tehsildar/Sub-District magistrate/District magistrate.

4) Protsahan Scholarship (PS)-

The student who has lost his father and does not have regular income source, the student can get 25% scholarship per year in tuition fee.

Documents Required

- I-Affidavit by Mother

ships & Awards

5) Brilliant Student Scholarship (BSS)-

The student who scores marks in qualifying exam as details given below can avail scholarship at the time of admission.

Gold Medalist in Qualifying Exam of Boards/University	50% Scholarship in 1st Year Tution Fee
Secured Marks in Qualifying Examination (>90%)	40% Scholarship in 1st Year Tution Fee
Secured Marks in Qualifying Examination (>80%)	30% Scholarship in 1st Year Tution Fee
Secured Marks in Qualifying Examination (>75%)	20% Scholarship in 1st Year Tution Fee

6) Mr. & Miss Fresher Award-

A cash award of Rs.5000/- each is given to Mr. Fresher & Miss Fresher.

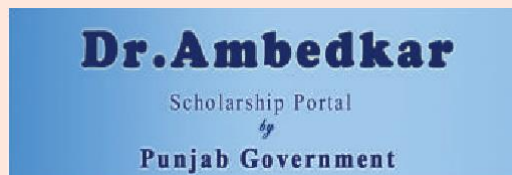
7) Award to NET Students-

College students who clear NET are given Rs.5000/- each.

8) Sh. Ram Gopal Mittal Memorial Award:

An award of Rs.5100 has been instituted in the memory of late Sh. Ram Gopal Mittal, which will be given to a student of B.Sc. Agriculture (Hons.) Semester IV who tops in the previous university examination.

9) Single Girl Child Scholarship





How TO APPLY FOR Admission

There are three ways students can apply for admission:-

(A) Online

Mode

Step 1: Visit our official website www.dolphinlifesciences.com

Step 2: Click on "Admission" tab on home page.

Step 3: Read admission procedure & Eligibility carefully. Download/Note the registration fee for the course in which you are interested to take admission.

Step 4: Deposit Registration fee in college bank A/c No. 50100120365253, Bank Name- HDFC BANK Ltd., Chunnikalan IFS CODE-HDFC0002767 from any nearest branch of HDFC/Nationalised Bank.

Step 5: Scan the counter slip of fee deposit receipt

Step 6: Visit again the website www.dolphinlifesciences.com

Step 7: Click on the scrolling line "Apply Online for Admission 2022-23"

Step 8: Fill the form carefully.

Step 9: Attach the scanned copy of fee receipt and submit the form. You can print the form if desired.

Step 10: After this the registration confirmation letter will be sent to your registered email ID.

(B) Offline

Mode

Step 1: Visit our official website www.dolphinlifesciences.com

Step 2: Download admission form from "download" tab on home page.

Step 3: Read admission procedure & Eligibility carefully.

Step 4: Deposit Registration fee in college bank A/c No. 50100120365253, Bank Name- HDFC BANK Ltd., Chunnikalan IFS CODE-HDFC0002767 from any nearest branch of HDFC/Nationalised Bank.

Step 5: Post your duly filled admission form, Photocopy of original documents and DD/Cheque to college address:- Dolphin (PG) College.

Step 6: V.P.O. Chunni Kalan, Chandigarh-Sirhind Road District-Fatehgarh Sahib, Punjab. Pincode- 140406

Step 7: The registration confirmation letter will be sent to you after verifying the documents.

(C) Direct Admission

Step 1: Visiting College Campus.

Step 2: The college is situated at Chunni Kalan, Distt Fatehgarh Sahib, Punjab, on Chandigarh-Sirhind state highway. It is 18 km away from Chandigarh towards Sirhind and 20 km way from Sirhind towards Chandigarh. Frequent Busses are available from Chandigarh ISBT, Sector-43, from Counter No- 13. Before boarding ensures that the bus is going to Sirhind. It will drop you at Chunni-kalan. The college is situated on the highway at a distance of about 300 metres towards Sirhind from Chunni Kalan bus stop.

Step 3: Contact college reception.

Step 4: Visit admission cell. Read prospectus and fill the admission form.

Step 5: Attach photocopies of 10th, 10+2, Graduation (all years), migration certificate & character certificates and submit the original documents for verification by Maharaja Ranjit Singh Technical University, PTU, Bathinda.

Step 6: Deposit the fee through bank A/c / DD / online and submit receipt/proof at the college Fee Counter. A confirmation letter will be issued to you (Fee will not be accepted in cash.)

Fee Payment

The total fee for the year including hostel charges (if applicable) will be payable in two equal installments (SEMESTER WISE, IN ADVANCE). Semester fees cannot be paid in part or installments.

Fees can be paid by any of the following mode:

Through demand draft

**In favour of "DOLPHIN PG COLLEGE"
Payable at Chunnikalan/Chandigarh/Mohali**

**Through online deposit
to college bank A/c**

**A/c Name - DOLPHIN PG COLLEGE
A/c No. - 50100120365253
Bank Name - HDFC Bank Ltd.
Branch - Chunnikalan, Distt. Fatehgarh Sahib (PB)
IFS Code - HDFC0002767**

**A/c Name - DOLPHIN PG COLLEGE OF SCIENCE &
AGRICULTURE
A/c No. - 50200008064979
Bank Name - HDFC Bank Ltd.
Branch - Chunnikalan, Distt. Fatehgarh Sahib (PB)
IFS Code - HDFC0002767**

Through credit card/Debit card

By Transferring in above A/c no

(I) Admission/semester fees must only be paid through Bank in college A/c online and submit receipt/ proof at the Accounts Office of the college on any working day from Monday to Saturday from 9:00 AM to 4:30 PM.

Important Note : After depositing fee in College Bank Account students must give/send to college Account Section (acdeptdolphin@gmail.com) details like Name, Father's Name, Course, Semester, Date of Deposit; otherwise fee will not reflect as **PAID** in student Fee Account in college.

FEE DATES :

Fee for the semester	Without late fee
ODD Semester FEE	1st July - 10th July
EVEN Semester FEE	1st January - 10th January

Note :

- Students must pay college & hostel dues within the due dates as written in the prospectus.
- Fine will be charged after the due date, Rs. 100 per day upto 7 days and Rs. 200 per day for another 7 days.
- If dues are not paid till 15th day after the due date, the name of such students will be struck off from the college.
- Re-admission will be possible with re-admission fee of Rs. 2500 and late fee fine of Rs. 2500.

Hostel Fee 1st Jan to 10th Jan & 1st July to 10 July

University Fee i.e. Examination Fee, Registration Fee, Eligibility Fee and College Continuation Fee (Rs. 500 per year) are to be paid as prescribed by MRSPTU Bathinda. University fee may change at later stage also. Fee will not be accepted in cash.

HOSTEL FEE WILL BE INCREASED 3% EVERY YEAR.

JURISDICTION

Disputes, if any, arising out of this Admission Policy & Selection Procedure shall be the subject matter of exclusively of courts in FATEHGARH SAHIB only. All rules & regulations are subject to change without prior notice and all revisions/additions in rules will be binding on the students. All disputes are subject to Fatehgarh Sahib Jurisdiction.



Dolphin PG College

Postal Address : 18 Kms. Chandigarh-Sirhind State Highway 12-A
PO - Chunni Kalan, District - Fatehgarh Sahib, PUNJAB-140406

Director (Admission Cell) Prof. Sumeet Kumar ☎ 91-8427244882,+91-9815602955

E-mail : dolphinadmission@gmail.com

Website : www.dolphinpgcollege.com, www.dolphinlifesciences.com

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