

DOLPHIN PG COLLEGE

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

Information
Brochure
2024-25







ABOUT THE COLLEGE

In order to promote quality higher education in Life Sciences and Agriculture, Yuva Education Society New Delhi had set up Dolphin (PG) College of Science & Agriculture at Chunni Kalan in 2006 and thereafter, when during Covid-19 the healthcare system nationwide, saw a crises of trained professionals, the Society, in order to produce well groomed paramedics, took another initiative and started Dolphin PG College, Chunni Kalan in 2020.

Thanks to the vision and guidance of Chairman Dr. Vinod Mittal and dynamic leadership of Vice Chairman Er. Vibhav Mittal, this college has made giant strides by running 09 Post Graduate and 09 Under Graduate courses in Paramedical sciences in a span of just three years. Strategically located in the vicinity of Chandigarh and SAS Nagar (Mohali) – centres of educational and healthcare facilities – the college aspires to become one of the premier institutions that provide opportunities of wholesome growth to the students and thereby transform them into highly trained professionals matching all the global standards.



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 student 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 as well as the recommendations of academicians, the team Dolphin is venturing more such Life Sciences Colleges affiliated to 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 Science 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.

Dolphin PG College has been on the path of delivering quality education by developing the young human resources by boosting their leadership qualities, research culture and innovated skills. Every effort is made to provide her education of global standards and therefore, highly experienced and qualified faculty members remain engaged in the maintenance and enhancement of student – centric teaching learning environment, which indeed is the backbone of this institution.

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

While sharing my feelings with all the students, prospective admission seekers, their parents, members of staff and even the Management of Dolphin PG College, Chunni Kalan, I find myself aware of the great responsibility I have been entrusted with, since facilitating the realization of the cherished dream of all those who are associated with this institute will remain my chief concern. Known by its popular nickname Dolphin College, this institute has become an attraction to the students of almost all the states of India like, J&K, Himachal Pradesh, Punjab, Haryana, Rajasthan, Uttar Pradesh, Uttarakhand, Bihar, West Bengal, Jharkhand, Arunachal Pradesh, Manipur, Nagaland, Mizoram, Assam, Andhra Pradesh, Andaman and even the neighboring country Nepal.

This college is proud of providing a disciplined, ragging-free and wholesome environment which is most congenial for academic pursuit. Along with academics, the students are also provided with ample opportunities to sharpen their skills through co-curricular, sports, and field activities. Moreover, adequate measures like counselling by tutors, supervision and monitoring by proctors and above all, personality development programme help the students in making them conscious towards building their CHARACTER and CAREER. Dolphin PG College is committed to career building process in the disciplines of Life Sciences, Paramedical Science and Agriculture. I firmly believe and hope that, as ever, the Dolphin Family will prove true to the expectations of the students and society.

At the same time, students must adhere to the time tested values like faithfulness, trustworthiness, truthfulness, dutifulness, sincerity and honest hard labour, which are essential for a true human being.

Wish you all a great success.

Dr. S.P. Jindal
Director Principal





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 aspects 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 preserve the 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 Allied Health 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 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 2024-25

Dolphin PG College, Chunni Kalan, Distt. Fatehgarh 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.)	60
M.Sc. Operation Theatre & Anesthesia Technology	2 Yrs (4 Sem.)	60
M.Sc. Microbiology	2 Yrs (4 Sem.)	30
M.Sc Cardiac Care Technology	2 Yrs (4 Sem.)	30
M.Sc Dialysis Technology	2 Yrs (4 Sem.)	30
M.Sc (Clinical Embryology)	2 Yrs (4 Sem.)	30
M.Sc Optometry	2 Yrs (4 Sem.)	30
M.Sc MLT Specialization : Clinical Biochemistry, Clinical Microbiology, Hematology	2 Yrs (4 Sem.)	30

UNDER-GRADUATE COURSES	DURATION	INTAKE
B.Sc. (Hons.) Forensic Science	3 Yrs (6 Sem.) / 2 Yrs (4 Sem.) for LEET	30
B.Sc. Cardiac Care Technology	4 Yrs (8 Sem.) / 3 Yrs (6 Sem.) for LEET	30
B.Sc. Radio Medical Imaging Technology	3 Yrs (6 Sem.) / 2 Yrs (4 Sem.) for LEET	90
B.Sc. Anesthesia Technology	3 Yrs (6 Sem.) / 2 Yrs (4 Sem.) for LEET	30
B.Sc. Optometry	4 Yrs (8 Sem.) / 3 Yrs (6 Sem.) for LEET	30
B.Sc. Medical Lab Science	3 Yrs (6 Sem.) / 2 Yrs (4 Sem.) for LEET	90
B.Sc. Operation Theatre Technology	3 Yrs (6 Sem.) / 2 Yrs (4 Sem.) for LEET	60
B.Sc. Dialysis Technology	3 Yrs (6 Sem.) / 2 Yrs (4 Sem.) for LEET	30
Bachelor of Physiotherapy	4 Yrs (8 Sem.) +6 months Internship	30

Eligibility:

** Candidates must have passed 10+2 in any stream with 50% aggregate marks from recognized board.

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 all the needs like loan letter, loan application form and for any other justifiable assistance required from the college.



Placement Cell

The Placement cell facilitates the process of placement of students passing out from our college in various prestigious organizations. The goal is to achieve 100% placement & to provide employability skills to all the students and to plan and implement Integrated Personality Development Programme right from 1st Year onwards. The cell acts as an interface between the industry and the students and primarily enables the students to select their career options. The college placement cell is in liason with companies of repute. The cell provides placement assistance, counseling for employment and self /social entrepreneurship to students and also assures logistic support to the visiting companies at every stage of the placement process by making college infrastructure

available to them. In previous years more than 38 companies have visited the campus for holding campus interviews. Some of which are Inclsweets Labs Ltd., Mohati; Kandhori Beverages Pvt Ltd, Navipur Punjab; E-resources, New Delhi; Life Cell international Pvt Ltd, Manesar Haryana; Pancea Biotech Baddi HP; Nector Life Science Ltd, Derabassi; Sunpharmas, Dr. Morphem. Ropar Punjab and Punjab Agroventure, Sirhind. Further details can be retrieved from the collegewebsite www.Dolphinlifesciences.com/placements

National Service Scheme

The college offers opportunity to the students for personality development and self growth through N.S.S. It inculcates the spirit of voluntary work among students and teachers through sustained community interaction. The N.S.S. Unit of the college has been very active for the last several years in serving the society. Through guidance of dedicated teachers and enthusiastically working student volunteers, N.S.S has achieved the objective of Personality Development through community service. Various programmes of NSS include Blood Donation campus. Environmental Awareness Projects, Literacy Programmes for under privileged children and Swachh Bharat Abhiyan. The unit literacy and distribution of reading & writing materials. Health check up camps are regularly done and they are assisted for any further medical requirements. The N.S.S unit organizes relief camps for natural calamity victims.



Ragging-Free Campus



Ragging Free Campus

College has constituted an anti Ragging Committee and taken 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.

Medical

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 well qualified and experienced Dr. Bushra Khan, MBBS. To deal with emergency cases, college transport is available round the clock to carry the patients for treatment at surrounding hospitals. First Aid Medicines are kept ready in the campus.

Facility



Hostel / Bus Facility Available

Separate hostels for boys & girls with rooms of two to 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 variety of food to suit all tastes.



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, it 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, it provides facilities of lending of books and journal, reservation of books, photocopying, CD/DVD and Internet services, etc.



The 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. 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 Radio Medical Imaging 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 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 ANESTHESIA & OPERATION THEATRE 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 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).

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 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.

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

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.

B.Sc. Cardiac Care Technology

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.

M.Sc Cardiac Care Technology

Duration: 2Years (4 Semesters)

Eligibility criteria: The candidate must have a bachelor's degree in science from a recognized university with minimum marks as specified by the university.

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. 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.



DEPT. OF 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.

B Sc. Dialysis Technology

Duration - (4 Years, 8 Semesters)

Eligibility Criteria: candidate should have cleared their class 12 in stream of science from a recognized board of education. They must have secured 50 % (45% for SC/ST/OBC candidates) aggregate score in qualifying examinations in subject such as Physics, Chemistry, and Biology/Mathematics.

M.Sc Dialysis Technology

In This course is suitable for graduates who have some experience in dialysis technology. It would further enhance their knowledge with this specialized training in the functioning of the kidney. The students will also learn about kidney transplantation as part of this program. The course focuses on teaching career-oriented allied health science graduates to remove excess water, solutes and toxins from the blood in patients with kidney problems. They operate dialysis equipment, monitor the patient during the treatment and also capable of maintaining the equipment.

Duration: 2 Years (4 Semesters)

Eligibility criteria: Candidate must have passed B.Sc in dialysis technology, nursing or B.Sc in relevant stream from a recognized university with minimum 50% aggregate marks (45% in case of candidates belonging to reserved category)

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 PHYSIOTHERAPY

Bachelor of Physiotherapy

Physiotherapy is a science-based united medical service calling that helps individuals amplify their capacity to mobilize each and every micro muscle in the body. Physiotherapists utilize actual ways to assist individuals in working on their wellbeing, prosperity, and personal satisfaction. The much sought after discipline of physiotherapy has ample scope in India as well as abroad. Physiotherapy graduates can work as physiotherapists in a variety of health care settings including hospitals, clinics, rehabilitation centers, child development centers, senior citizens centers, sports and fitness centers, schools/ universities, industries and communities.

They may also serve as Educators, Administrators, Researchers and Consultants. Graduates have the opportunity to work in India or Abroad to pursue graduate studies and to get involved in research activities.

Duration: 4.5 years (8 Semesters + 6 month internship)

Eligibility Criteria: All those candidates who have passed 10+2 having Physics, Chemistry, and Biology as compulsory subjects from a recognized institute with aggregate score 50% for general category (45% for SC/ST/OBC candidates)

Scope : BPT is the most popular Physiotherapy Course and offers huge scope in the field. One can opt for higher studies by pursuing master's courses or applying for jobs. After completing BPT, students can also pursue courses such as hospital administration, business management, public health management, and numerous other postgraduate programs related to the field; the most popular one being Master in Physiotherapy. BPT Courses focus on Physiotherapy and Exercise therapy, concepts for treating patients, etc thereby preparing candidates for a career in Physiotherapy.

Career Prospectus and Job Opportunities:- After completing a Physiotherapy Course, one can apply for Physiotherapy jobs in various industries of the health care sector such as Hospitals, Clinics, Corporate Houses, Rehabilitation Centres, Orthopedic Clinics, Sports and Fitness Centres, Defence Establishment, Universities, etc. A career in Physiotherapy offers various challenging as well as interesting jobs in the healthcare system in India as well as abroad. Defence Ministry of India, First Physio Clinic, Fortis Healthcare Company, Apollo Hospital, Sarthak Health Care, etc are among the top recruiting companies for Physiotherapists. Physiotherapists, Consultant Physiotherapists, Ergonomic Care Advisors, Instructors/ Lecturers, Clinical Researchers, etc are some of the job profiles in the field of Physiotherapy.



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, 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.

M.Sc Forensic Science

Forensic science is a very vast field in its scope and applications. It is well known by its several identities like forensic 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.

Duration: 2 Years (4 Semesters)

Eligibility Criteria : Candidate must have passed B.Sc in Forensic Science or B.Sc in Medical & Non-Medical Stream from a recognized university with minimum 50% aggregate marks.

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 counsellors
- 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 Criteria : 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.



DEPT. OF MEDICAL LAB SCIENCE

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.

B.Sc. Medical Lab Science

Duration : 3 Years (6 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 50% aggregate marks (45% marks in case of candidate belonging to reserved category).

M Sc. MLT

Specialization :

(a) Clinical Biochemistry, (b) Clinical Microbiology, (c) Haematology

The course aims at providing an advanced understanding of the investigation, diagnosis, management of patients and experience of the diagnostic techniques. Master degree holders in clinical biochemistry provide advice and interpretation of analytical results to other healthcare professionals such as clinicians, general practitioners and nurses

Duration: 2Years (4 Semesters)

Eligibility criteria: B.Sc. in MLT/MLS/ Medicine/ Applied Medical Science/ Bio-Science/ Medical Science & Allied Medical Science/Microbiology/Biochemistry with minimum 50% marks (45% marks in case of candidate belonging to reserved category).

Job opportunities of Clinical Biochemistry / Hematology

The field of clinical biochemistry plays a pivotal role in the health sector through curation and prevention of a nation's health delivery network. Clinical biochemists also take care of the development of any disease and treatment of the patients. Career options: Hospital Laboratories are generally one domain of work for clinical biochemists. Other areas can be clinics, operating theatres.

Hematology Clinics, Hematology- Oncology Departments, Hematopathology Labs, Blood Banks & Transfusion Services, Academic & Research Positions.

Job opportunities of Clinical microbiology

Medical Microbiologist, Biomedical Research Assistant, Clinical and Veterinary Microbiologist, Medical Technologist, Biomedical Scientist, Clinical Research Associate, Medical Analyst.



DEPT. OF CLINICAL EMBRYOLOGY

M Sc. (Clinical Embryology)

Clinical Embryology is a stream of biology which mainly focuses on the study of fertilization of eggs and the healthy development of the embryos. Specialized professionals play a very critical role in the lives of couples devoid of naturally conceiving abilities. In a country, like India, where a massive population has been facing issues like infertility, embryologists are often considered as life-savers for families and couples are offering job opportunities to clinical embryology professionals.

Duration: 2Years (4 Semesters)

Eligibility Criteria : Bachelors degree in applied medical science, bioscience or medical science and allied medical science or life science with minimum of 50% aggregate marks for general category & 45% aggregate marks for reserved category from a recognized university.

Scope: Scope of embryology is very high as it is related with physicians to assist their patients with reproductive health issues and clinical research. The work of Clinical embryologists is retrieving eggs, assisting with in vitro fertilization, fertility specialist, maintaining clinical records and running tests on eggs.

Career Prospectus & Job Opportunities:

The postgraduate course should enable a therapeutic graduate to become an expert embryologist, acquire knowledge and abilities in instructional innovation, and lead research in biomedical sciences.

A career in Clinical Embryology is always regarded as a noble profession. The professional is responsible for assisting in the process of life creation and is thus highly respected. Because of the high demand for such fertility specialists, the pay for such a course is usually very high. Thus, working as clinical embryologist is well worth the effort, as it provides numerous benefits as well as the satisfaction of assisting another human being. It provides the job opportunities as Fertility Researchers, Embryology Professors, and Lab Managers and Geneticists.

An embryologist specialises in the development of embryos outside of mother's womb using sperm and eggs. Embryologists are medical scientists who are responsible for studying embryos in a variety of environments, including fertility clinics, hospitals, laboratories and commercial industries. They perform various Embryological medical procedures, including IVF and fertility analysis.



UNIVERSITY

GOLD/SILVER MEDALISTS



Mr. Sachin Pandey (Gold)
M.Sc. Microbiology
Batch: 2021-23



Ms. Aanchal (Silver)
M.Sc. Microbiology
Batch: 2021-23



Ms. Simran Verma (Gold)
B.Sc. OTT
Batch: 2021-23



Ms. Humaira Mohamad (Silver)
B.Sc. OTT
Batch: 2021-23



Mr. Mohsin Wani (Gold)
B.Sc. RMIT
Batch: 2021-23



Mr. Bilal Ahmad Ganie (Gold)
M.Sc. RMIT
Batch: 2021-23

Vice Chancellor, MRS PTU, Bathinda
Giving Away the Gold / Silver Medals to Dolphin Students



ACTIVITY

ROUND OF THE YEAR







SoCIAL OutreACh

Organized Free Medical Health Check-up Camp



Organized Free Eye Testing Camp



Organized Free Physiotherapy Camp



Trainings & Visits at different hospitals





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 parents' 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 (RAR) Scholarship-

Those Students, who have completed their study continuously from class 1st upto class 12th 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 this 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/her father and does not have regular income source, he/she 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-

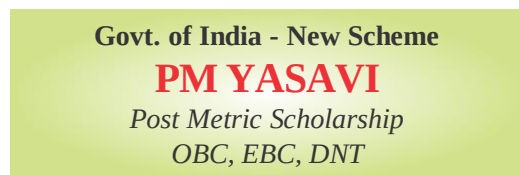
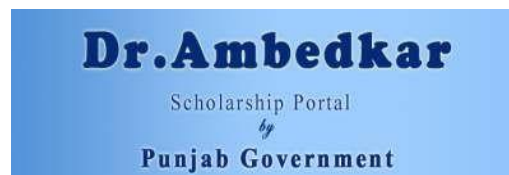
College students who clear NET are given Rs.5000/- each.

8) Sh. Ram Gopal Mittal Memorial Award:

An award of Rs.5100 given to the overall best student, the decision will be made by the committee, constituted by the college management.

9) Single Girl Child Scholarship

This scholarship is given by Govt. of India to eligible candidates.





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 2024-25"

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
ODD Semester FEE
EVEN Semester FEE

Without late fee
1st July - 10th July
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 MRS PTU 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.





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

**Contact us ☎ +91-8427244882
+91-9815602955**

✉ dolphinadmission@gmail.com

🌐 www.dolphinpgcollege.com

www.dolphinlifesciences.com



LinkedIn



Follow us on Social Media platforms