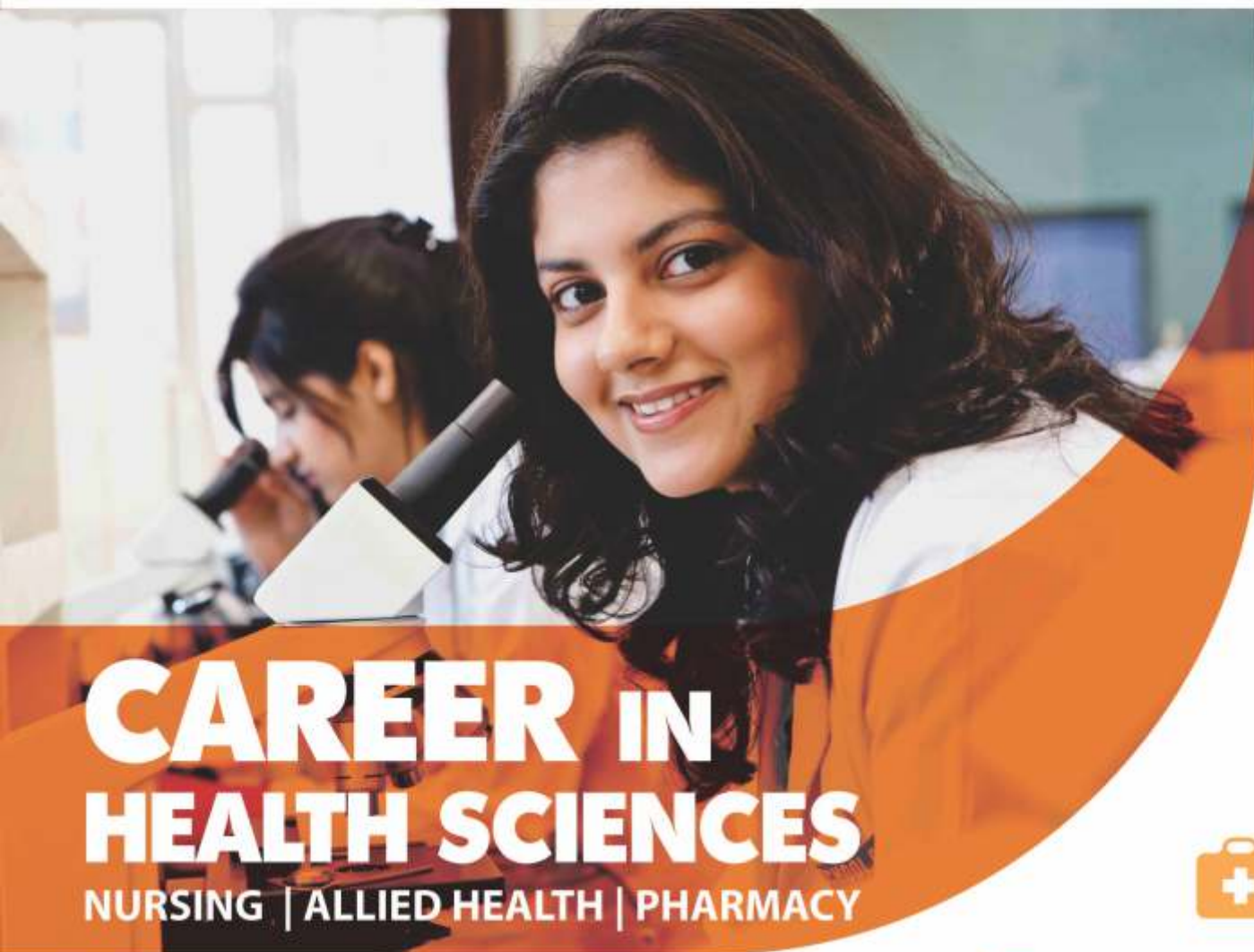




SHARDA
UNIVERSITY
Beyond Boundaries



CAREER IN HEALTH SCIENCES

NURSING | ALLIED HEALTH | PHARMACY



ABOUT SHARDA UNIVERSITY

The Sharda Group of Institutions (SGI) have been the provider of world class education since 1996. SGI the largest educational group based in Uttar Pradesh, has on its rolls 21,000+ students and more than 1200+ faculty members. Its 43,000+ alumni are today the leaders in their realms. The state-of-the-art campuses in Agra, Mathura and Greater Noida are located on 180 acres of land. Sharda Group of Institutions were the first in the self-financing sector in North India to receive Accreditation from the National Board of Accreditation (NBA) for internationally competitive Teaching-Learning Processes and Infrastructure facilities.

Responding to the strong need of bringing world class education to India at affordable price, Sharda Education Trust established a multi-disciplinary global university in the year 2009. Sharda University is located at Knowledge Park-III, Greater Noida in the National Capital Region (NCR), 25 km away from New Delhi.

The curriculum offered is continuously upgraded to keep pace with the overall development of industry and in line with the best practices followed world over. Highly stimulating instructions developed by experienced Indian and International faculty are delivered in ICT enabled environment, to train students and to develop their skills in tune with national campaigns like 'Make In India' and 'Digital India'. The teaching-learning process coupled with convenient and flexible credit options make Sharda University a truly global University.



THE ONLY **GLOBAL UNIVERSITY**

IN INDIA WITH STUDENTS
FROM **56+** COUNTRIES

63 ACRES OF SPRAWLING CAMPUS



90+

GLOBAL ACADEMIC
TIE-UPS



1200+

FACULTY FROM
ACROSS THE GLOBE



1800+

TOP MNCs &
CORPORATES VISITED



21000+

STUDENTS ON
CAMPUS



34500+

STUDENTS PLACED
ACROSS THE GLOBE



43000+

ALUMNI SPREAD
ACROSS THE GLOBE





Sharda Hospital is one of the largest hospitals in Delhi National Capital Region (NCR) which offers medical care par excellence to the patients at the most affordable cost. The global healthcare centre is a part of Sharda University that's spread across 63 acres of pollution-free environment in Greater Noida. The state-of-the-art, 900+ bedded Super Speciality Hospital has 300+ full-time doctors and is equipped with all the modern facilities and modular Operation Theatres. More than ten years of faith and solidarity reposed on the hospital by the people encourages it to strive harder & to improve its capabilities further. No wonder, Sharda Hospital has achieved 20 million+ consultations, 3 million+ IPD admissions, 3 million+ investigations, and 1 million+ surgeries.

Sharda Hospital's International Patient Services Department provides best of hospitality and care to the international patients with a especially dedicated floor brimming with Internationally accredited medical facilities. A fully dedicated team of medical professionals and patient coordinators are at service round the clock.

Departments

- Internal Medicine
- Gynecology & Obstetrics
- Laparoscopic Surgery
- Ophthalmology & Phaco Surgery
- ENT, Head & Neck Surgery
- Pulmonology
- Dermatology & S.T.D. Clinic
- Anesthesiology & Pain Clinic
- Advance Dentistry & Dental Surgery
- Nutrition & Dietetics
- Blood Bank with Apheresis Facility
- Physiotherapy & Rehabilitation
- Psychiatry
- Panchkarma

EMPANELMENT GOVERNMENT & CORPORATE



SCHOOL OF **NURSING SCIENCES & RESEARCH**

where
CARE AND HEALTH
are discovered



**APPROVED BY INDIAN NURSING COUNCIL (INC)**

Indian Nursing Council has approved our General Nursing & Midwifery (GNM), B.Sc. Nursing, Post Basic Nursing programmes after verifying the needs for award of the degree. File No. 02 June 2015

The School of Nursing Sciences and Research was established in 2008, initially with General Nursing and Midwifery Programme to train young students as dedicated professional nurses, capable of contributing effectively towards the growing health demands of the health sector. 700+ students from across the globe are a part of this school & pursuing various courses.

The unique function of the nurse is to assist the individual, sick or well, in the performance of those activities contributing to health or its recovery (or peaceful death) that he / she would perform unaided if he / she had the necessary strength, will or knowledge. Apart from being a highly responsible and dignified profession, this profession demands special skills (keen observation, emergency identification, therapeutic use of self, effective communication, technical effectiveness, stress management of self and health of team members), 24x7 service, dedication, patience, love and care for sick or injured patient.

The faculty of SNSR is committed in developing, promoting and imparting education to enhance the student's knowledge, attitude and skills to provide effective and efficient nursing care. They constantly strive to improve educational standards to make SNSR, a center of excellence, in nursing education.

**VISION**

- To become a prime contributor in nursing profession.
- To emerge as a centre of excellence and innovation in education, service and research to create assets for the global health care system.

**MISSION**

- Creating an exceptional environment that executes an ideal and proficient learning, which promotes professionalism.
- Inculcating leadership skills and group dynamics for rendering evidence based quality patient care in a wide variety of professional settings.
- Integrating, synthesizing and applying nursing research as a continuous part of the professional development.



HIGHLIGHTS OF SCHOOL OF NURSING SCIENCES & RESEARCH:

- Parent 900+ Bedded Multi-Specialty Sharda Hospital.
- Own Urban Health Training Centres & Rural Health Training Centres.
- Placements in our own Hospital, as well as all renowned hospital.
- Exceptional undergraduate & Postgraduate courses in Nursing being offered.
- Scholarship scheme are available to well deserving candidates.
- Involvement of students and faculty in regional community services.

OBJECTIVES

- To offer a dynamic and interactive educational environment that engage students in the learning process.
- To provide clear learning outcomes, detailed instructions and assessment to ensure course mastery and student's success.
- To integrate theoretical and research based knowledge in advanced nursing practice specialties by inculcating clinical teaching and evaluation.
- To foster clinical excellence in patient care through encouragement, promotion and support of evidence based professional nursing practice.
- To develop leadership qualities by demonstrating pro-activeness and professional accountabilities.
- Incorporate theories, principles, techniques and applications of the curricular and co-curricular activities.



COURSES OFFERED

» B.Sc. NURSING

Duration- 4 Years

Eligibility Criteria:

1. The minimum age for admission shall be 17 years on 31st December of the year in which admission is sought.
2. Minimum education:
 - a. A candidate should have passed in the subjects of PCB and English individually and must have obtained a minimum of 50% marks taken together in PCB at the qualifying examination (10+2).
 - b. Candidates are also eligible from State Open School recognized by the State Government and National Institute of Open School (NIOS) recognized by Central Government having Science subjects and English only.
 - c. A candidate belonging to SC/ST or other backward classes, the marks obtained in PCB taken together in qualifying examination be 45% instead of 50% as stated above.
 - d. English is a compulsory subject in 10+2 for being eligible for admission.
3. Candidate shall be medically fit.

Entrance/Selection test

Selection of the candidate should be based on the merit of the entrance examination held by University or competent authority.

» 1st YEAR <ul style="list-style-type: none"> English Regional Language Anatomy Physiology Nutrition Biochemistry Nursing Foundation Psychology Microbiology Introduction to Computer 	» 2nd YEAR <ul style="list-style-type: none"> Sociology Pharmacology Pathology Genetics Medical Surgical Nursing Community Health Nursing Communication and Education Technology 	» 3rd YEAR <ul style="list-style-type: none"> Medical Surgical Nursing Child Health Nursing Mental Health Nursing Nursing Research & Statistics
» 4th YEAR (PART- I) <ul style="list-style-type: none"> Midwifery and Obstetrical Nursing Community Health Nursing Management of Nursing Service and Education Nursing Research 	» 4th YEAR (INTERNSHIP PART- II) <ul style="list-style-type: none"> Midwifery and Obstetrical Nursing Community Health Nursing Medical Surgical Nursing Child Health Nursing Mental Health Nursing Research Project 	

COURSES OFFERED

» GENERAL NURSING AND MIDWIFERY



Duration- 3 Years

Eligibility criteria :

1. Minimum education eligibility criteria for admission to GNM:

- 10+2 with English and must have obtained a minimum of 45% at the qualifying examination and English individually from any recognized abroad. Candidates are also eligible from State Open School recognized by State Government and National Institute of Open School (NIOS) recognized by Central Government. However Science is preferable.
- 10+2 with English having 40% of marks in vocational ANM course from the school recognized by Indian Nursing Council
- 10+2 with English having 45% of marks in Vocational Stream-Health care Science form a recognized CBSE board/State/Centre
- Registered ANM with pass mark.

For Foreign Nationals

- The entry qualifications equivalency i.e., 12th standard will be obtained by Association of Indian Universities, New Delhi. Institution, State Nursing Council will be responsible to ensure that the qualification and eligibility will be equivalent to what has been prescribed as above.
2. Students shall be medically fit.
3. Minimum age for admission will be 17 years. (as on 31 st December of that year) The upper age limit is 35 yrs. For ANM/ for LHV, there is no age bar.

» 1st YEAR

- Bioscience
- Behaviour Science
- Nursing Foundation
- Community Health Nursing
- English
- Computer Education



» 2nd YEAR

- Medical Surgical Nursing – I
- Medical Surgical Nursing – II
- Mental Health Nursing
- Child Health Nursing



» 3rd YEAR

Part- I

- Midwifery & Gynaecological Nursing
- Community Health Nursing- II

Part- II

- Nursing Education
- Introduction to Research and Statistics
- Professional Trends & Adjustment
- Nursing Administration & Ward Management

COURSES OFFERED

» P.B.B.Sc. NURSING



Duration- 2 Years

Eligibility criteria :

- Passed the Higher Secondary or Senior Secondary or Intermediate or 10+2 or an equivalent examination recognized by the university for this purpose. Those who have done 10+1 in or before 1986, will be eligible for admission.
- Obtained a certificate in General Nursing and Midwifery and registered as R.N.R.M. with the State Nurses Registration Council. A male nurse, trained before the implementation of the new integrated course besides being registered as a nurse with State Nurses Registration Council, shall produce evidence of training approved by Indian Nursing Council for a similar duration in lieu of midwifery in any one of the following areas:
 - O.T. Techniques
 - Ophthalmic Nursing
 - Leprosy Nursing
 - TB Nursing
 - Psychiatric Nursing
 - Neurological and Neuro Surgical Nursing
 - Community Health Nursing
 - Cancer Nursing
 - Orthopedic Nursing
- Candidates shall be medically fit.
- Students shall be admitted once in a year.

» 1st YEAR

- Nursing Foundation
- Nutrition & Dietetics
- Biochemistry & Biophysics
- Psychology
- Maternal Nursing
- Child Health Nursing
- Microbiology
- Medical Surgical Nursing
- English (Qualifying)

» 2nd YEAR

- Sociology
- Community health nursing
- Mental Health Nursing
- Introduction to Nursing education
- Introduction to Nursing
- Administration
- Introduction to Nursing Research & Statistics



COURSES OFFERED

» M.Sc.NURSING



Duration- 2 Years

Eligibility Criteria :

- The candidate should be a Registered Nurse and Registered midwife of equivalent with any State Nursing Registration Council.
- The minimum education requirements shall be the passing of: B.Sc. Nursing/B.Sc. Hons. Nursing/Post Basic B.Sc. Nursing with minimum of 55% aggregate marks.
- The candidate should have done B.Sc. Nursing / B.Sc. Hons. Nursing / Post Basic B.Sc. Nursing from an institution which is recognized by Indian Nursing Council.
- Minimum one year of work experience after Basic B.Sc. Nursing.
- Minimum one year of work experience prior or after Post Basic B.Sc. Nursing.
- Candidate shall be medically fit.

» 1st YEAR

- Nursing Education
- Advance Nursing Practice
- Nursing Research & Statistics
- Clinical Speciality - I

» 2nd YEAR

- Nursing Management
- Nursing Research (Dissertation)
- Clinical Speciality - II



FACILITIES @ SHARDA



**COMPUTING
FACILITIES**



LABORATORIES



LIBRARY



CLASSROOMS



**AUDITORIUMS &
SEMINAR ROOMS**



WORKSHOPS



CAFETERIAS



GYMNASIUM



SPORTS FACILITIES



**STUDENTS
ACTIVITY CENTER**



**HEALTH CARE
SERVICES**



**IN CAMPUS
RESIDENCES**



**TRANSPORT
FACILITIES**



**COMMUNITY
RADIO**



**IN CAMPUS
CALL CENTRE**



**24X7 WI-FI
ENABLED CAMPUS**

SCHOOL OF **ALLIED HEALTH SCIENCES**

*Inspiring the **Science of Healthcare***



The School of Allied Health Sciences (SAHS) was established with the objective of producing skilled manpower in different areas of biomedical sciences for better healthcare delivery in the country. The major contribution of the allied health professionals is in strengthening the medical and health services by being the major assisting support system to the mainline medical and health personnel in treating the patient in disease and promoting health in the society. The course structure and curricula of different academic programs and courses offered by the school have been framed and designed by eminent academicians and professionals keeping in mind the present requirements and future needs of the current medical services and health industry. This would enable the graduates so produced to well meet the expectations and ever increasing technology-oriented health care demands.



OUR VISION

We envision emerging as one of the leading educational institutions in allied health sciences by pursuing excellence in education, research and healthcare services.



OUR MISSION

To provide an excellent educational experience to learners in a student-centred learning environment to facilitate the development of competent and compassionate allied health professionals by inspiring them to be committed to life-long learning and accomplish their professional and social responsibilities as support to medical team in providing diagnostic, preventive and rehabilitative services to meet the health needs of the society.



OUR VALUES

Excellence- Achieving quality in all that we do. **Innovation |** Embracing new practices to improve outcomes. **Integrity |** Demonstrating respect, honesty and professionalism. **Compassion |** Caring for students, patients, colleagues.



GOALS

To equip the learners with the knowledge, skills and aptitude needed for a rewarding and successful career in allied health sciences.

- To provide stimulating and enriching environment that challenges learners to be creative, innovative and life-long learners.
- To pursue translational research and disseminate research findings for the advancement of knowledge.
- To utilize emerging technologies to enhance the quality of education and health care services.
- To inculcate in the learners commitment to highest ethical and professional standards in all endeavours. We seek to build a culture of self evaluation and continuous improvement to ensure achievement of our mission and vision

COURSES OFFERED

» BACHELOR OF PHYSIOTHERAPY (BPT)



Bachelor of Physiotherapy is an undergraduate academic course in the Medical Science field. Physiotherapy is a science that helps improve movement dysfunction, and promote functions of the human body and optimal health. This involves assessment, diagnosis and treatment of disease and disability through physical means. Physiotherapy uses physical agents like exercise, massage and other modalities for providing treatment to those patients whose movement and function are threatened by ageing, injury, disease or environmental factors.



SCOPE

After completing physiotherapy, the candidate can work in hospitals, private clinics, physiotherapy equipment manufacturers, fitness centers and so on as therapy manager, sports physio rehabilitator and even as a lecturer.

ELIGIBILITY CRITERIA

Sr. Secondary (10+2) with Biology or life Sciences as one of the subjects with minimum 50% marks.

COURSE STRUCTURE

1st Year	2nd Year	3rd Year
<ul style="list-style-type: none">• Anatomy• Physiology• Biochemistry• Exercise Therapy	<ul style="list-style-type: none">• Pathology & Microbiology• Pharmacology• Electrotherapy• Biomechanics-II• Psychology & Sociology	<ul style="list-style-type: none">• General Medicine including Pediatrics & Psychiatry• General Surgery Including Obstetrics & Gynecology• Orthopedics and Traumatology• Cardio-Respiratory & Chest Medicine• Neurology & Neurosurgery• Radiology & Imaging Technology
4th Year		
<ul style="list-style-type: none">• Physiotherapy in Cardio Respiratory and other Medical Conditions• Physiotherapy in Orthopedics and Sports Related Conditions• Physiotherapy in Neurological Conditions• Community Medicine and Community Based Rehabilitation• Research Methodology & Biostatistics		

» MASTER OF PHYSIOTHERAPY (MPT)



The Master of Physiotherapy develops the ability to use highly-developed clinical reasoning skills to assess, diagnose and treat people with movement problems caused by a wide variety of joint, muscle, nerve and metabolic disorders. You will also learn to help people avoid injuries and maintain a fit and healthy body. During this two-year degree, students will explore introductory and advanced musculoskeletal, neurological, and cardiopulmonary physiotherapy, applied to patients across the lifespan. Our Master of Physiotherapy provides you with the specialised knowledge for a successful career in a range of different areas. Whether you decide to work in the public hospital setting or private practice, you will be armed with the skills to meet the unique needs of clients and enhance the health and welfare of the wider community.



SCOPE

Physical therapists have ample job prospects in Hospitals, Nursing homes, Residential homes, Rehabilitation centers or even Private clinic.

ELIGIBILITY CRITERIA

BPT with minimum 50% marks.

COURSE STRUCTURE

1st Year

- Research Methodology & Biostatistics
- Basic Sciences & Biomechanics
- Physiotherapy Assessment & Clinical Decision Making
- Advanced Physiotherapeutic

2nd Year (Neurology)

- Pedagogy in Physiotherapy Education
- Administration, Management & Ethical Issue
- Neurological Physiotherapy- I (Medical)
- Neurological Physiotherapy- II (Surgical)

2nd Year (Musculoskeletal)

- Pedagogy in Physiotherapy Education
- Administration, Management & Ethical Issue
- Musculoskeletal Physiotherapy- I (Medical)
- Musculoskeletal Physiotherapy- II (Surgical)

2nd Year (Cardiopulmonary Sciences)

- Pedagogy in Physiotherapy Education
- Administration, Management & Ethical Issue
- Cardiopulmonary Physiotherapy- I (Medical)
- Cardiopulmonary Physiotherapy- II (Surgical)

COURSES OFFERED

» B.Sc. MEDICAL LABORATORY TECHNOLOGY (BMLT)



Medical laboratory technicians assist physicians in the diagnosis and treatment of diseases by performing tests on tissue, blood and other body fluids. Medical lab technicians most commonly work in hospitals or doctors' offices. Medical laboratory technicians play an important role in the prevention and diagnosis of diseases, such as cancer, diabetes and AIDS. Medical lab technicians work under the supervision of a physician, lab manager or medical technologist and perform laboratory tests on specimens.



SCOPE

BMLT professionals work as technologists or technicians at medical laboratories. Some of the common job profiles can be lab technician, lab technologist, lab supervisor, lab manager and so on.

ELIGIBILITY CRITERIA

Sr. Secondary (10+2) with Biology or life Sciences as one of the subjects with minimum 50% marks.

COURSE STRUCTURE

1st Year

- Human Anatomy
- Human Physiology
- Biochemistry-I
- Pathology-I
- Microbiology-I

2nd Year

- Human Health & Environmental Science
- Health Care in Community & Hospital Setting
- Biochemistry-II
- Microbiology-II
- Pathology-II

3rd Year

- Research Methodology, Bioethics & Biostatistics
- Computer Application & Database Managements
- Biochemistry-III
- Microbiology-III
- Pathology-III

» B.Sc. MEDICAL IMAGING TECHNOLOGY (BMIT) (RADIOGRAPHY)



The discipline involves the techniques and processes employed in creating images of human body parts for clinical purposes or in medical science.

The course is designed to integrate academic and clinical education so that radiographers completing the program of study will be able to analyze, evaluate and innovate in the clinical setting and provide the best patient care.

The degree program is designed to develop not only the professional expertise of the student for clinical practice but also to develop effective communication, organization and evaluation skills. The course aims to provide the student with an understanding of the relevant applied sciences, on which clinical Diagnostic radiography skills can be learnt during their clinical education.



SCOPE

Students after completing this course may become ultra sound technician, medical advisor, radiology technologist, medical Image Analysis Scientist.

ELIGIBILITY CRITERIA

Sr. Secondary (10+2) with Biology or Life Sciences as one of the subjects with minimum 50% marks.

COURSE STRUCTURE

1st Year

- Gross Radiological and Surface Anatomy of Human Body.
- Physiology in Radiography.
- Basic Physics Electricity and Magnetism and Radiation Physics.

2nd Year

- Dark Room Procedures.
- Hospital Practice and Care of the Patients.
- Apparatus for Radiography: Principle and Construction of X-ray Imaging Equipments.

3rd Year

- Radiographic Techniques of Bones & Joints.
- Special Radiographic Techniques.
- Recent Advances in Imaging & Contrast Media.
- Radiation Hazard and its Protection & Planning of the Department.

COURSES OFFERED

» B. Sc. OPTOMETRY



Optometrists are trained to examine the eyes to detect defects in vision, signs of injury, ocular diseases or abnormality and problems with general health, such as high blood pressure or diabetes. They make a health assessment, offer clinical advice, prescribe spectacles or contact lenses and refer patients for further treatment, when necessary. Optometrists study at university for at least three years and must participate in a period of assessed clinical training in practice, before being deemed to have the knowledge and skills needed to be registered. Once registered, they have the opportunity to take further qualifications and develop their interests in specialist areas of practice. Through our course, you will discover the scientific principles that underpin optometry, including the properties of light, the anatomy of the eye and the processing of vision in the brain.



SCOPE

The career opportunities in all these fields are wide & huge in demand both in India and abroad. Optometrists can set up their own private clinics & work independently. Optometrists can work as post-secondary teachers, occupational/industrial safety programs, consultants in the eye care industry or do research in optometry colleges. They can also choose a career in sports vision, public health and government service or community health centers.

ELIGIBILITY CRITERIA

Sr. Secondary (10+2) with Biology or Life Sciences as one of the subjects with minimum 50% marks.

COURSE STRUCTURE

1st Year	2nd Year	3rd Year
<ul style="list-style-type: none"> Human Anatomy & Physiology Ocular Anatomy Ocular Pathology Ocular Microbiology Ocular Physiology Ocular Biochemistry Physical and Physiological Optics 	<ul style="list-style-type: none"> Ocular Pharmacy and Pharmacology Refraction Investigative Ophthalmology Ophthalmic Instruments and Appliances 	<ul style="list-style-type: none"> Clinical & Advanced Orthoptics Clinical & Advanced Optics Contact Lens Clinical & Advanced Refractions Eye Bank Community Ophthalmology Investigations in Clinical Ophthalmology Management of Ophthalmic Operation Theatre

» B. Sc. IN NUTRITION & DIETETICS



B. Sc in Nutrition & Dietetics is an undergraduate course. Nutrition or nourishment is the provision by which the necessary materials are given to cells and organisms to support life. B.Sc. nutrition and dietetics studies the relationship between the body as well as food. This course is very valuable and career originating in nature that opens a lot of scopes after its completion.



SCOPE

Nutritionists or dietitians may build a career in the following sectors- R&D (Research and Development), Healthcare sector (hospitals, clinics, health centres etc), Government schemes and organizations, NGOs, Teaching and Education sector.

ELIGIBILITY CRITERIA

Sr. Secondary (10+2) with Biology or Life Sciences as one of the subjects with minimum 50% marks.

COURSE STRUCTURE

1st Year	2nd Year	3rd Year
<ul style="list-style-type: none"> Human Anatomy and Physiology Fundamentals of Food and Nutrition Family Finance and Meal Management Applied Chemistry Nutrition and Health Education 	<ul style="list-style-type: none"> Nutritional Biochemistry Food Safety and Food Microbiology Food Science Basic Dietetics and Counseling Nutrition for the Community Food Product Development and Marketing Strategy 	<ul style="list-style-type: none"> Therapeutic Nutrition Food Service Management Sports Nutrition and Fitness Food Quality Control

COURSES OFFERED

» CLINICAL RESEARCH



Clinical research is a branch of healthcare science that determines the safety and effectiveness (efficacy) of medications, devices, diagnostic products and treatment regimens intended for human use. These may be used for prevention, treatment, diagnosis or for relieving symptoms of a disease. Clinical research is different from clinical practice. In clinical practice established treatments are used, while in clinical research evidence is collected to establish a treatment.



SCOPE

Clinical research deals with researching medical equipment and medicines on the parameters of safety and performance. It is an important industry and the development of the healthcare world highly depends on clinical research. Students completing this course has very good chance to work abroad as well.

COURSE STRUCTURE- POST GRADUATE DIPLOMA IN CLINICAL RESEARCH

General Medical Subjects

- Anatomy
- Physiology
- Biochemistry
- Pathology & Microbiology
- General Pharmacology/Clinical Pharmacology

Core Clinical Research Subjects

- Basic Principles of Clinical Research
- Operational Aspects of Clinical Research
- Training/Project work

Students are also Exposed to

- Hospital Orientation
- Computer Education
- Personality Development Program

COURSE STRUCTURE- M.Sc. CLINICAL RESEARCH

1st Year

• General Medical Subjects

- Anatomy
- Physiology
- Biochemistry
- Pathology and Microbiology
- General Pharmacology/ Clinical Pharmacology

• Core Clinical Research

- Basic Principles of Clinical Research
- Operational Aspects of Clinical Research
- Research Training/Project work

• Students are also exposed to

- Hospital Orientation
- Computer Education
- Personality Development Program

2nd Year

• Core Clinical Research Subjects

- Management, Research Methodologies and epidemiology
- Applications of advanced Biostatistics, Pharmacology, pharmacovigilance and outsourcing in Clinical Research

• Practical / Training

- Industry Training
- Dissertation / Thesis

» DIPLOMA IN OPERATION THEATRE TECHNICIAN (DOTT)



This course prepares candidates for working in the operation theater as a competent reliable technologist among the other members of a healthcare team, under the guidance and supervision of senior doctors and technical people in their delivery of patient care by learning the usage of various diagnostic equipment such as Ventilators, Defibrillators, monitors, C- arm etc and also patient assessment skills.



SCOPE

Operation theatre technicians are allied healthcare professionals. They play an integral part in the smooth functioning of ICUs, CCUs and Operation theatres in hospitals and clinics. Government and private hospitals and clinics having surgical wards are known to recruit operation theatre technicians.

ELIGIBILITY CRITERIA

Sr. Secondary (10+2) with Biology or Life Sciences as one of the subjects with minimum 50% marks.

COURSE STRUCTURE

1st Year

- Human Physiology
- Pharmacology
- Human Anatomy Pathology
- Microbiology
- OT Management

2nd Year

- **PAPER I-** Care of patient undergoing surgery, After Care of Equipment Anaesthesia drugs, Equipment & special operation theatre tray set.
- **PAPER II-** Infection control in operation theatre, Role of Theatre Assistant Surgical procedures and monitoring Theatre Ethics, Safety for operation room, Operation Theatre Techniques, surgical procedures, care of patient in Emergencies.



SCHOOL OF PHARMACY

*Proud to be a **Pharmacist***



PHARMACY COUNCIL OF INDIA (PCI)

Pharmacy Council of India has approved our Bachelor of Pharmacy program for an intake of 60 students. Reference item No. 462, IR No. 1st dated April, 2016.

School of Pharmacy was established in 2015, with the vision to become a globally recognized brand in the education and research in Pharmaceutical Sciences for the benefit of the people of the country and those beyond boundaries.

Pharmacy Council of India (PCI) has approved our Bachelor of Pharmacy program as per their norms after verifying the various requirements necessary for the award of degree. PCI has updated the syllabus of courses according to the industrial needs and work culture and to facilitate practical-based learning and independent thinking.

Our vision is to improve the health of people through leading therapeutics-related research and education, patient care, and public & professional services. The curriculum, pedagogy, scheme and systems of this course is strictly followed according to the Pharmacy Council of India. We reveal and share new knowledge through innovation in basic, clinical, education, health services, policy, regulatory, and economics research. Our focus is to deliver a unique education to the students, enabling them to think critically, lead, and work seamlessly across professions and fields.

- Approved by Pharmacy Council of India.
- Multi-cultural and Professional environment.
- The curriculum, pedagogy, scheme and systems of courses is strictly followed according to the Pharmacy Council of India.
- Well qualified and experienced faculty.
- Well functioning and equipped library and laboratories.
- Highly disciplined and motivating environment conducive to studies culture.
- Extensive focus on practical-based learning of students.
- Encourage independent and intellectual thinking.
- Nurtures to develop entrepreneurs and successful professionals.

COURSES OFFERED

DIPLoma IN PHARMACY (D.PHARMA)



Eligibility:

Minimum qualification for admission to Diploma in Pharmacy is passed in any of the following examinations with Physics, Chemistry and Biology or Mathematics.

1. Intermediate examination in Science;
2. The first year of the three year degree course in Science,
3. 10+2 examination (academic stream) in Science; with minimum 50% marks.
4. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examination.

Provided that there shall be reservation of seats for Scheduled Caste and Scheduled Tribes candidates in accordance with the instructions issued by the Central Govt. / State Govts. / Union Territory Admns. as the case may be from time to time]

Duration of the course:

The duration of the course shall be for two academic years with each academic year spread over a period of not less than one hundred and eighty working days in addition to 500 hours practical training spread over a period of not less than 3 months.

DIPLOMA IN PHARMACY (PART- I)

SUBJECT
Pharmaceutics-I
Pharmaceutical Chemistry-I
Pharmacognosy
Biochemistry & Clinical Pathology
Human Anatomy & Physiology
Health Education & Community Pharmacy

DIPLOMA IN PHARMACY (PART- II)

SUBJECT
Pharmaceutics-II
Pharmaceutical Chemistry-II
Pharmacology & Toxicology
Pharmaceutical Jurisprudence
Drug Store and Business Management
Hospital and Clinical Pharmacy

BACHELOR IN PHARMACY (B.PHARMA)

Minimum qualification for admission

First year B. Pharm:

Candidate shall have passed 10+2 examination conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics (P.C.M) and or Biology (P.C.B / P.C.M.B.) as optional subjects individually with minimum 50% marks or any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

B. Pharm lateral entry (to third semester):

A pass in D. Pharm. course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

Duration of the program

The course of study for B.Pharm shall extend over a period of eight semesters (four academic years) and six semesters (three academic years) for lateral entry students. The curricula and syllabi for the program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

SEMESTER-I

SUBJECT
Human Anatomy and Physiology I – Theory
Pharmaceutical Analysis I – Theory
Pharmaceutics I – Theory
Pharmaceutical Inorganic Chemistry – Theory
Communication skills – Theory *
Remedial Biology/ Remedial Mathematics – Theory*
Human Anatomy and Physiology – Practical
Pharmaceutical Analysis I – Practical
Pharmaceutics I – Practical
Pharmaceutical Inorganic Chemistry – Practical
Communication skills – Practical*
Remedial Biology – Practical*

#Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB) course.

\$Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM) course.

* Non University Examination (NUE)

SEMESTER-II

SUBJECT
Human Anatomy and Physiology II – Theory
Pharmaceutical Organic Chemistry I – Theory
Biochemistry – Theory
Pathophysiology – Theory
Computer Applications in Pharmacy – Theory *
Environmental sciences – Theory *
Human Anatomy and Physiology II – Practical
Pharmaceutical Organic Chemistry I – Practical
Biochemistry – Practical
Computer Applications in Pharmacy – Practical*

*Non University Examination (NUE)

SEMESTER-III

SUBJECT
Pharmaceutical Organic Chemistry II – Theory
Physical Pharmaceutics I – Theory
Pharmaceutical Microbiology – Theory
Pharmaceutical Engineering – Theory
Pharmaceutical Organic Chemistry II – Practical
Physical Pharmaceutics I – Practical
Pharmaceutical Microbiology – Practical
Pharmaceutical Engineering – Practical

SEMESTER-IV

SUBJECT
Pharmaceutical Organic Chemistry III – Theory
Medicinal Chemistry I – Theory
Physical Pharmaceutics II – Theory
Pharmacology I – Theory
Pharmacognosy and Phytochemistry I – Theory
Medicinal Chemistry I – Practical
Physical Pharmaceutics II – Practical
Pharmacology I – Practical
Pharmacognosy and Phytochemistry I – Practical

SEMESTER-V

SUBJECT
Medicinal Chemistry II – Theory
Industrial PharmacyI– Theory
Pharmacology II – Theory
Pharmacognosy and Phytochemistry II– Theory
Pharmaceutical Jurisprudence – Theory
Industrial PharmacyI – Practical
Pharmacology II – Practical
Pharmacognosy and Phytochemistry II –Practical

SEMESTER-VII

SUBJECT
Instrumental Methods of Analysis – Theory
Industrial PharmacyII – Theory
Pharmacy Practice – Theory
Novel Drug Delivery System – Theory
Instrumental Methods of Analysis – Practical
Practice School*

*Non University Examination (NUE)

SEMESTER-VI

SUBJECT
Medicinal Chemistry III – Theory
Pharmacology III – Theory
Herbal Drug Technology – Theory
Biopharmaceutics and Pharmacokinetics –Theory
Pharmaceutical Biotechnology – Theory
Quality Assurance –Theory
Medicinal chemistry III – Practical
Pharmacology III – Practical
Herbal Drug Technology – Practical

SEMESTER-VIII

SUBJECT
Biostatistics and Research Methodology
Social and Preventive Pharmacy
Pharma Marketing Management
Pharmaceutical Regulatory Science
Pharmacovigilance
Quality Control and Standardization of Herbals
Computer Aided Drug Design
Cell and Molecular Biology
Cosmetic Science
Experimental Pharmacology
Advanced Instrumentation Techniques
Dietary Supplements and Nutraceuticals
Project Work

SCOPE OF PHARMACY

D.PHARMA

- D.Pharma holders can get the license of Pharmacist to run a business of retail or wholesale of medical products, cosmetic products or pharmacy store/chemist shop
- Eligible to apply for government or private pharmacist positions in hospitals

B.PHARMA

- Degree holders can get the license of Pharmacist and are eligible to apply for various positions in government and private sectors like:
 - Drug analysts
 - Chemist
 - Drug Regulatory Affairs
 - In Hospitals as Incharge Pharmacy
 - Healthcare Industries
 - Drug inspectors
 - Hospital pharmacists
 - Research & Development
 - Medical Representatives
 - Pharmacovigilance officers
 - Food Analysts
 - QC Chemist
 - Formulation & Development
 - Product Development Manager
 - Retail/ Wholesale business

School of Pharmacy is planning to tie-up with various Industries to provide practical training to students to improve their skills, knowledge and techniques. Also, School will organize various guest lectures from various industry personnel and Industry Visits for students.

RECRUITERS

 SHARDA HOSPITAL <small>Caring Lives</small>		 METRO GROUP OF HOSPITALS <small>the pioneers in affordable quality healthcare</small>	 Fortis HOSPITAL
 MAX HEALTHCARE	 medanta <small>THE MEDICITY</small>	 Pfizer	 RAJIV GANDHI CANCER INSTITUTE & RESEARCH CENTRE
 Biocon	 DHARAMSHILA HOSPITAL <small>Your Partner in CANCER Care</small>	 Sir Ganga Ram Hospital <small>www.sgrh.com</small>	 ARTEMIS HOSPITALS <small>ONE SPECIALITY IS TOO</small>
 Apollo HOSPITALS <small>TOUGHING LIVES</small>	 JAYPEE HOSPITAL	 MAX NEEMAN CONTRACT RESEARCH <small>Improving... life</small>	 SAKET CITY HOSPITAL <small>You First</small>
 ROCKLAND HOSPITALS		 BLK Super Speciality Hospital	COLUMBIA ASIA

REGIONAL REACH



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Beyond Boundaries



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School of Allied Health Sciences



School of Law



School of Basic Sciences & Research



School of Languages & Culture



School of Architecture & Planning



School of Education



School of Pharmacy

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