CHITKARA UNIVERSITY



ACADEMIC YEAR 2027

INDUSTRY ENDORSED PROGRAMS IN

PHARMACY | ALLIED HEALTHCARE | NURSING
NUTRITION | OPTOMETRY | PSYCHOLOGY
PHYSIOTHERAPY | PHARMACOVIGILANCE


EXPLORE YOUR POTENTIAL

CHITKARA UNIVERSITY

FOR THOSE SEEKING A CAREER WITH A PULSE

Pharmacy Programs

Approved by Pharmacy Council of India

20 ● 4-Year B. Pharmacy (Punjab | Himachal Pradesh)
● B. Pharmacy (Lateral Entry)

22 ● 6-Year Doctor of Pharmacy (Pharm. D)

23 ● 3-Year Pharm. D (Post-Baccalaureate)

24 ● 2-Year Master of Pharmacy (M. Pharm) (Punjab | Himachal Pradesh)

28 ● 2-Year M.Sc. in Pharmacovigilance & Clinical Research

Nursing Programs

Approved by Indian Nursing Council of India

35 ● 4-Year B.Sc. Nursing (Basic) [Punjab | Himachal Pradesh]

36 ● 2-Year Post Basic B.Sc. Nursing

37 ● 2-Year M.Sc. Nursing

Allied Healthcare Programs

42 ● 4-Year Bachelor of Medical Laboratory Science (B.MLS)

43 ● 4-Year Bachelor of Physician Associates (B.PA)

44 ● 4-Year Bachelor of Medical Radiology and Imaging Technology (B.MRIT)

45 ● 4-Year Bachelor of Anaesthesia and Operation Theatre Technology (B.AOTT)

Clinical Embryology Programs

47 ● 4-Year B.Sc. in Clinical Embryology

49 ● 2-Year M.Sc. in Clinical Embryology

Nutrition & Dietetics Program

51 ● 4-Year Bachelor of Nutrition and Dietetics (Honours)

Optometry Program

53 ● 5-Year Bachelor of Optometry (B.OPTOM)

Physiotherapy Program

57 ● 5-Year Bachelor of Physiotherapy (BPT)

Psychology Program

61 ● 4-Year Bachelor of Psychology (B.Psy)

63 ● 4-Year Bachelor in Clinical Psychology (B.Clin.Psy.)
(Approved by the Rehabilitation Council of India - RCI)

65 ● 2-Year M.Sc Psychology

SCAN FOR MORE INFORMATION

CHITKARA
UNIVERSITY



CHITKARA UNIVERSITY PUNJAB

Chitkara University is a UGC recognised University with the right to confer degrees as per the Sections 2(f) and 22(1) of the UGC Act, 1956 and is established by the Punjab State Legislature under, "The Chitkara University Act".



CHITKARA UNIVERSITY HIMACHAL PRADESH

Chitkara University is a UGC recognised University with the right to confer degrees as per the Sections 2(f) and 22(1) of the UGC Act, 1956 and is established by the Himachal Pradesh State Legislature under "The Chitkara University Act".



RECOGNISED FOR EXCELLENCE

Chitkara University has been awarded an **A+ rating by the National Assessment and Accreditation Council (NAAC),** placing us in the Top 5% of Higher Education Institutions in India.

Our programs are recognised among the **Nation's Best in the NIRF Rankings, securing a prestigious position within the Top 100 in the University category.**

We take pride in being listed among the **World's Leading Universities in the QS World University Rankings.**

The University consistently features among the **Top 10 institutions in India & Top 300 Globally,** highlighting its strong commitment to advancing **the Sustainable Development Goals.**

Chitkara University is **Ranked 1st in the Country** for **Research Quality** and stands among the **Top 800 Globally.**

We are acknowledged as one of **India's Top Institutions (Under The Process Pillar)** and also ranked among the **Top 150 Globally.**

Consistently ranked high by:



STRONG ACADEMIC HERITAGE

Chitkara University is founded by Dr. Ashok K Chitkara and Dr. Madhu Chitkara, academicians with over five decades of teaching excellence. They are invested in the growth of every student at Chitkara University and ensure they evolve into well rounded personalities, subject experts, creative thinkers and future-facing individuals – set to grapple with real world challenges and become changemakers of tomorrow.

THINGS WE'RE PROUD OF

THERE ARE SO MANY REASONS TO CHOOSE CHITKARA UNIVERSITY. HERE ARE A FEW REASONS WHY WE BELIEVE YOU'LL LOVE US AND BE PROUD TO JOIN US.

INDUSTRY-LED COURSES

We maintain close links and associations with leading blue-chip companies to deliver our academic programs and ensure that our courses are relevant, practical and deliver the skills in demand, allowing our graduates to hit the ground running.

COUNTED AMONG THE BEST

Our programs are consistently ranked among the Top 50 in the country.

TOP 20 RANKING

Chitkara University has been consistently ranked among the top 20 Private Universities of the country.

CAMPUS PLACEMENTS

Chitkara University has established an unassailable reputation for strong on-campus recruitments. Our students have gained employment in diverse professional roles and areas across the world. From managing hotels to discovering new drugs to helping patients in hospitals to analysing the stock market, a Chitkara University degree can lead to varied and rewarding career paths.

MORE CEOs

Industry leaders from across sectors visit our campus and interact with our faculty as well as student community to groom them for future leadership roles.

WORLD-CLASS RESEARCH EXCELLENCE

With more than 5000 patents and project funding from leading organisations such as DST and HP, our researchers, staff and students work across disciplines to extend the boundaries of knowledge. We are being recognised nationally for pioneering research in Nanotechnology, Mobile Learning, Robotics, Renewable Energy and Mechatronics.

LEARN FROM THE BEST

You will work with some of the brightest and most inspiring academics, lecturers and researchers in the world.

LEADING INNOVATION

Chitkara Innovation Incubator helps turn students' business ideas into reality. Student ventures with scalable, commercial potential are given access to high tech, a collaborative office space and are paired with industry mentors to develop scalable business plans and market testable products and services.

TOP SKILLS

There is an intense focus on developing communication skills, team work and leadership for each and every student.

MODERN FACILITIES

Chitkara University has made huge investments in developing student facilities - giving our students access to state-of-the-art labs, design studios, libraries, sporting and social facilities.

TRAVEL THE WORLD

At Chitkara University, we offer over 300 exchange programs to choose from.

LEARNING BY DOING

Our curriculum is based on the framework of strategic competitiveness, which teaches the concepts of creativity, entrepreneurship, innovation, sustainability, leadership and incisive decision making.

BEST LOCATION

With a high quality of living and vibrant student mix, Chandigarh, also known as City Beautiful, has rightfully earned its place in the 'Times 15 Best Asian Spots'.

SAFE & SOUND

We take great pride in looking after our students. We have zero tolerance to ragging.

5 STARS

All our institutions and academic programs are recognised and approved by UGC and various regulators such as NAAC | AICTE COA | NCHMCT | INC.



Chitkara University incubated startup "Chai Nagri" raises $122k at Investor Fest

CHITKARA INNOVATION INCUBATOR FOUNDATION

THE LARGEST CAMPUS BASED INCUBATOR IN NORTH INDIA

Chitkara Innovation Incubator Foundation (CIIF) is one of the largest Government supported incubators in North India with 320+ start-ups. It is designed to provide aspiring student entrepreneurs with the education, resources and funding to start and expand their own businesses. In line with the Government of India's initiative of Startup India, CIIF empowers founders who are and will be solving some of the world's most pressing challenges through technology-based solutions.

INVESTOR NETWORK

Indian Angel Network | SILVERX FUND | GSF | haf.vc | CHANDIGARH ANGELS NETWORK
Chennai Angels | VCMint | Vaad | Campus Fund | gradCapital
LeadInvest | | xl | astir ventures | WEH VENTURES

START-UP ECOSYSTEM

320+
Startups incubated since Inception

₹750 Cr+
Total Valuation of the Incubated Startups

88+
Startups Accelerated

200+
Mentors Supporting Innovation and Growth

65+
Awards & Accolades

3500+
Jobs Created by Our Startups

137+
Startups Funded

57+
Ecosystem Partnerships & Collaborations

85 Cr+
External Funding Raised by Startups

1400+
Startups Mentored

300+
Startups Connected with Investors & Industry

₹12 Cr+
Fund Invested





Boman Irani



Ankur Warikoo



Vineeta Singh

LEARNING IS FUNDAMENTAL



Raj P Narayanam

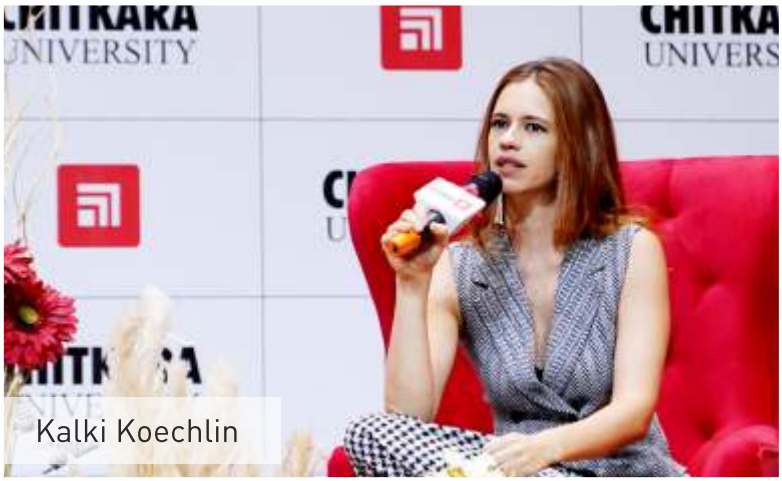

Sarthak Ahuja



Imtiaz Ali



Gaur Gopal Das



Kalki Koechlin



Shantanu Deshpande



Ananya Birla

At Chitkara University, learning extends beyond classrooms. Our students have countless opportunities to engage with celebrated artists, industry leaders, innovators and changemakers who share their experiences and perspectives with them. These interactions bring knowledge to life, deepen understanding and make education engaging, memorable and help in preparing confident, curious and future-ready individuals.



Kapil Sharma



Aman Gupta



Javed Akhtar



EMBARK ON RESEARCH FROM DAY ONE



CHITKARA UNIVERSITY

At Chitkara University we believe every student benefits from being taught by experts active in research and practice. You will discuss latest ideas, research, discoveries and new technologies in seminars. Students will actively be involved in a research project themselves. Through Chitkara University Research and Innovation Network (CURIN), our researchers, staff and students work across disciplines to extend the boundaries of knowledge.

5000+
Patents

24000+
Scopus-indexed Research Papers

55+
Centres of Excellence

146+
H-Index

115+ Cr
Research Grants

20+
Joint research projects with Global Universities

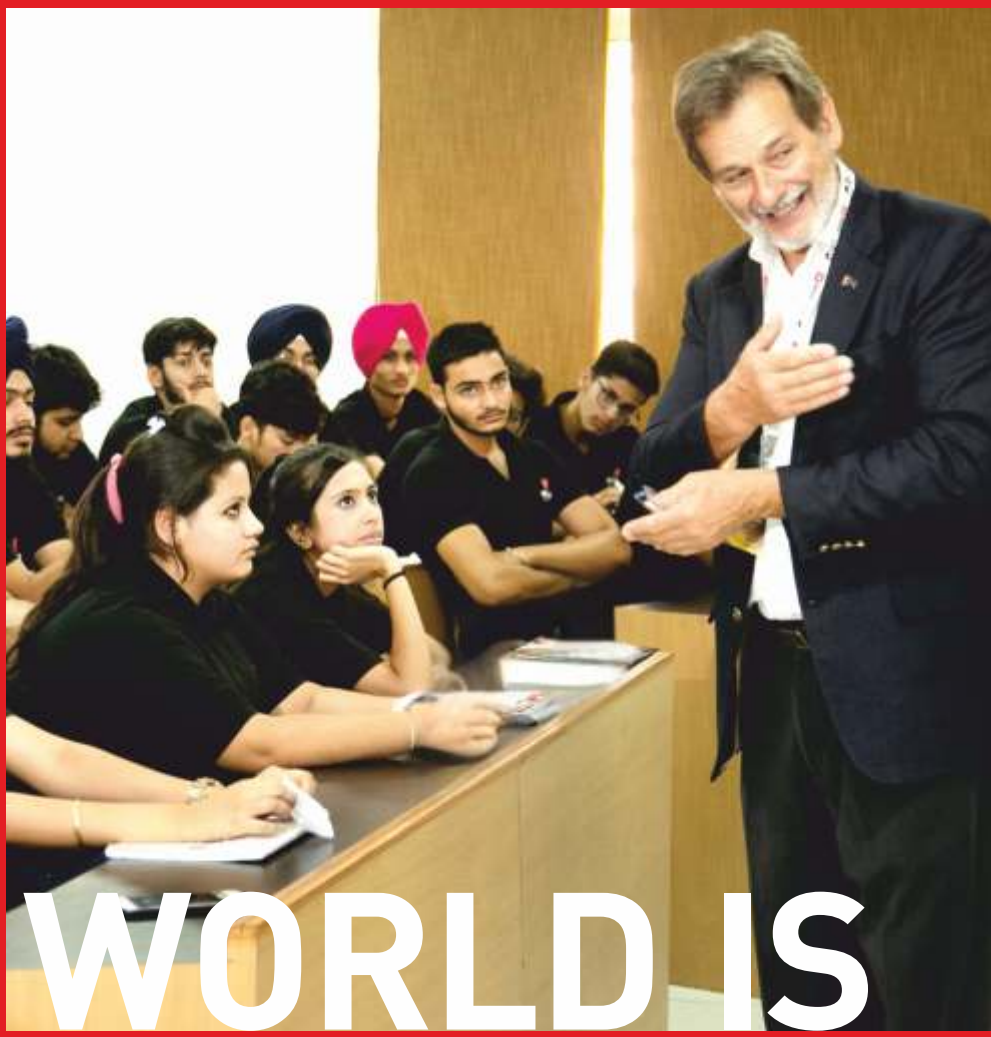
One of the largest University grants' recipient for the European Commission **Erasmus+ Programme**

*ABOVE DATA POINTS HAVE BEEN CONSIDERED TILL NOV 1, 2026

The Global University

Live independently. Gain cultural awareness. Expand your social network around the world. Make new friends who may become your future business collaborators in an increasingly interconnected world.

Learn in a classroom on a different continent. Experience working in the real world, around the world. There are so many new experiences awaiting you at Chitkara University.



THE WORLD IS

INTERNATIONAL STUDENT EXCHANGE PROGRAMS

Gain a global perspective

Chitkara University's robust international exchange program with more than 300 overseas universities gives you the opportunity to experience living on your own in a different country. The networks you build and experiences you encounter will give you a more global and culturally sensitive perspective.

SUMMER STUDY PROGRAMS

Immerse in overseas experience

Summer Programs are short duration programs of 2-4 weeks on various specialisations. It adds to the international exposure of the students.

SEMESTER EXCHANGE PROGRAMS

Foster stronger bilateral ties

Chitkara students have the option to finish the last half part of their degree programs at our partner Universities. Students visit Partner Universities for six months to one year for completing their semesters abroad.

Chitkara University's approach to Global Education rests on the belief that every student needs global knowledge and a mindset. Our graduates will get many opportunities to globalise their University experience.







YOUR CAMPUS

OVERSEAS STUDY MISSIONS

Gain insights from industry leaders

Overseas study missions bring you right into the heart of multinational organisations around the world, giving you current insights on how they function through site visits. You will also experience a networking journey with prominent industry leaders, opening doors to a world of opportunities.

OVERSEAS INTERNSHIPS

Step into the global marketplace

Experience for yourself how industries and businesses operate, broaden your perspective and apply your skills and knowledge to real-world business operations.

GLOBAL EXPOSURE

Cultivate empathy

We regularly invite faculty from top Global institutions across the world. This exposure helps our students understand diverse cultural and educational contexts.



nirf NATIONAL INSTITUTIONAL RANKING FRAMEWORK

Nationally Ranked. Professionally Accredited.
Chitkara College of Pharmacy has consistently ranked among the Top 20 Pharmacy institutions in India in the NIRF Rankings, released by the Ministry of Education, Government of India.

SCAN FOR MORE INFORMATION

CHITKARA UNIVERSITY

PHARMACY PROGRAMS
AT PUNJAB | HIMACHAL PRADESH

Pharmacy programs at Chitkara University, offered at both the Punjab and Himachal Pradesh campuses, are approved by the Pharmacy Council of India. Chitkara University is regarded as a leader in Pharmaceutical Education in North India and reflects the University's multi-disciplinary curriculum, strong industry partnerships and research-driven faculty.

Building on this commitment to academic excellence, our B.Pharm program is accredited by the National Board of Accreditation (NBA) recognising its focus on outcome-based Education, academic quality and continuous improvement.

B. Pharm*
4-Year Program

Undergraduate program with a strong pharmaceutical industry focus and intensive exposure for a period of 6 months and more.

B. Pharm*
Lateral Entry

Students who have completed a Diploma in Pharmacy (D. Pharm) can opt for lateral entry into the program. These candidates will directly join the second year of B.Pharm and continue to complete the remaining duration of the program.

Pharm. D (Post-Baccalaureate)
3-Year Program

Students have an option to pursue lateral entry into Pharm. D program. B. Pharm candidates can pursue this program. The candidate will join the program in the 4th year of Pharm. D and will subsequently complete the course.

Pharm. D
6-Year Program

A Post-graduate program with a strong Pharmaceutical industry focus and intensive practical exposure.

M. Pharm*
2-Year Master's Program

Postgraduate program with a strong pharmaceutical / clinical industry focus and intensive practical exposure with specialisations in:

- Pharmaceutics*
- Pharmacology
- Drug Regulatory Affairs
- Pharmaceutical Chemistry*
- Pharmacy Practice
- Pharmaceutical Analysis

M.Sc in Pharmacovigilance & Clinical Research
2-Year Master's Program

Aimed at creating skilled Pharmacovigilance professionals who can work with leading Pharma companies and Clinical Research Organisations (CROs) worldwide.

*Available at both the Punjab and Himachal Pradesh campuses



CAREER OPTIONS

A degree in Pharmacy opens up a plethora of opportunities in areas such as:

• Research & Development

M. Pharm and PhDs are particularly in great demand in the various areas of Pharmaceutical R&D.

Areas where professionals are required:

New Drug Discovery Research (NDDR)

Discovering a new drug has assumed prime importance in the post-GATT era where a pharmaceutical company has to ensure that it is selling original research products.

Process Development (P&D)

One of the important areas in bulk drugs industry is developing viable processes for the manufacture of drugs and intermediates for their commercial production.

Formulation & Development (F&D)

The success of any Pharma company lies in the quality of its products, i.e., its formulations & dosage forms and constant research is required to develop new products that are more patient compliant. Formulation development ensures this.

Clinical Trials, Bioequivalence Studies, Toxicological Studies

These are some of the areas of clinical research which are in high demand as they are involved in the systematic evaluation of potential drug substances prior to getting them approved by the authorities.

• Hospital Pharmacy

Another opening for a Pharmacy professional is "Registered Pharmacist" in the hospitals or drug stores worldwide. This is a key position and the Pharmacist plays an important role from preparing prescription to the patient's medical history after the medical doctor has diagnosed the disease.

• Production & Manufacturing

A Pharmacy professional can work as a production person, involved in the production of bulk drug and intermediates or formulations and dosage forms. Industries in the cosmetics, soaps, toiletries segment, dental products, blood and plasma products also hire pharmacy professionals.

• Analysis & Testing

Quality Control (QC) and Quality Assurance (QA) are the most integral areas of the drug and pharmaceutical industry. Highly specialised and trained staff is required to handle sensitive analytical procedures & sophisticated equipment.

• Marketing

The Pharma Sales & Marketing is a highly technical field and offers excellent opportunities for the pharmacy graduates. Pharmacy graduates are absorbed as product executives or managers and can progress through group product manager and brand manager positions and rise to national level manager status.

• Academics

Excellent opportunities for professionals are available in the teaching profession also. Besides teaching, academic related opportunities involve positions in Research Posts and Training Programs, Documentation, Library Information Services and Pharma Journalism.

• Entrepreneurship Opportunity

All Pharmacy graduates (B. Pharm, Pharm. D) are entitled by PCI Registration and FDA License to take up manufacturing, wholesale and retail business.

CAMPUS RECRUITMENT

Some of the companies that regularly hire our Pharmacy graduates are:



4-Year
BACHELOR OF PHARMACY



B. Pharm

4-Year Bachelor of Pharmacy

Approved by Pharmacy Council of India
(Punjab & Himachal Pradesh)

Bachelor of Pharmacy (B. Pharm) is a 4-Year undergraduate program designed to introduce students with the properties and impacts of Pharmaceutical drugs. The program additionally helps students in developing the skills essential to counsel patients about medication and use of drugs.

B. Pharm program at Chitkara University will focus on making our students understand the mechanism of drug action, its dynamics & kinetics as well as visualise and work on laboratory techniques and improvements.

Furthermore, it prepares them to interpret data arising out of research experience into production, quality control & quality assurance.

The program concentrates on preparing the students and training them for industry-ready holistic pharmaceutical care in the practice setting. Students will learn how to use modern Pharmaceutical tools, Software and equipment to analyse & solve problems. The industrial visits and equally important practical sessions ensure students receive a perfect exposure to the real-world situations while learning.

The program has been designed to cater to the requirements of a wide spectrum of healthcare needs for Pharmaceutical and Formulation Industry, Clinical Pharmacy, Health Regulatory System, Pharmacovigilance, Research and Development of Drugs including Drugs of Natural Origin and Academia.

This industry-endorsed program will focus on preparing our students for Design Formulation & Synthetic Process as per the needs and specifications of the Pharmaceutical industry. In addition, the program also concentrates on grooming the students for industry-ready holistic Pharmaceutical care in the practice setting.

The industrial visits and practical sessions ensure that students have perfect exposure to the real-world situations while learning.

At Chitkara University, there is huge focus on getting our B. Pharm students industry ready for Pharmaceutical industries, Hospitals, Patent cells, IPR sections, Clinical Research Organisations, Retail Pharmacy and other opportunities. The university also emphasises instilling a strong sense of ethical practices and regulatory compliance within the pharmaceutical landscape, fostering responsible, competent and conscientious professionals.

B. Pharm

Lateral Entry

Students who have completed a Diploma in Pharmacy (D. Pharm) can opt for lateral entry into the program. These candidates will directly join the second year of B.Pharm and continue to complete the remaining duration of the program.

6-Year
PHARM. D



Pharm. D

6-Year Post-Graduate Program in Pharmacy

Approved by Pharmacy Council of India

A Post-graduate program with a strong Pharmaceutical industry focus and intensive practical exposure.

Pharm. D program at Chitkara University is an innovative combination of masters degree and doctoral courses that not only saves time but offers bright career prospects. It's a post-graduate professional degree and the student gets authorisation to use prefix Doctor (Dr.).

This Post-graduate program at Chitkara University will prepare students to provide high quality Pharmaceutical care that has the patient as its focus and optimal drug therapy and health as its goal.

The program imparts knowledge of the chemical, biological, social and clinical sciences that underline Pharmacy, an understanding of the relevance of that knowledge to patient care and the skills to apply that knowledge to specific care circumstances.

The program has been introduced to improve clinical and hospital Pharmacy services in India which is in direct contact with patient healthcare system and authorised to take critical decisions in in-patient prescription.

The Pharm. D degree requires five years of classroom and hospital-based didactic study. It is followed by one year of internship training in a hospital setting for Clinical Management of in-patients, in addition to ongoing practicals and research project.

Chitkara University's Pharm. D program equips students with comprehensive skills to deliver patient-centric pharmaceutical care, fostering competent and conscientious professionals for pivotal roles in clinical and hospital pharmacy services.

Program Objectives

Pharm. D curriculum is designed to produce a scientifically and technically competent Pharmacist who can apply this education in such a manner as to provide maximum Healthcare services to patients.

Students are provided with the opportunity to gain experience in patient's close cooperative relationships with health practitioners. It is the goal of Pharmacy Schools to prepare Pharmacists who can assume expanded responsibilities in the care of patients and assure the provision of rational drug therapy.

Program Structure

Some of the courses taught in the 6-Year program are:

Human Anatomy & Physiology | Pharmaceutics
Pharmaceutical Inorganic Chemistry | Pathophysiology
Community Pharmacy | Pharmacognosy & Phytopharmaceuticals | Pharmacology | Pharmaceutical Analysis | Pharmaceutical Formulations | Hospital Pharmacy | Biostatistics & Research Methodology
Biopharmaceutics | Pharmacoepidemiology
Pharmacoeconomics | Clinical Pharmacokinetics
Pharmacotherapeutic Drug Monitoring

Career Opportunities

Pharm. D qualification, as prevalent in U.S. UK, Canada, other European and developed countries, entitles the Pharmacists to prescribe medicines, while the doctor's role is focused mainly on diagnosis. The field of pharmacy presents a diverse array of career pathways, ranging from direct patient care in hospitals to specialised opportunities in research and managed care settings. With a Pharm. D, an individual can register as Pharmacist anywhere in the world and practice at a Hospital, Clinic or Community Healthcare Centre. A Pharmacist can also practice as a Clinical Scientific Expert and Clinical Research Associate.

Some of the potential career pathways are:
Hospital Pharmacist | Clinical Pharmacist
Community Pharmacist | Specialised Area Opportunities
Pharmacy Education | Pharmacoeconomics
Home Health Care | Governmental Agencies
Community Pharmacy | Clinic Pharmacy Practice

All the jobs related to Hospital/Clinical Pharmacy, etc. in European/American and other countries are highly paid due to the authority given to the Pharmacist to give prescription and clinical monitoring to admitted patients, while the physicians focus on diagnosis & operative care.

Pharm. D (Post-Baccalaureate)

3-Year Post-Graduate Program in Pharmacy

Approved by Pharmacy Council of India

B. Pharm graduates can opt for lateral entry into the Pharm. D (Post-Baccalaureate) program. Eligible candidates begin in the fourth year of Pharm. D and complete the final three years - fourth, fifth and sixth-of the program. This pathway allows B. Pharm holders to gain advanced clinical and professional skills approved by the Pharmacy Council of India.



2-Year M.PHARM

Chitkara University's 2-Year Master of Pharmacy (M. Pharm) program is built for graduates seeking advanced skills and deeper knowledge in pharmacy. The program combines rigorous classroom learning with practical laboratory experience, preparing students to take on complex challenges in drug development, clinical research and pharmaceutical quality control. Students work closely with faculty and industry experts, gaining exposure to the latest research and quality standards required by the pharmaceutical sector.

M. Pharm in Pharmaceutics

M. Pharm (Pharmaceutics) program is meticulously designed leading to specialisation in formulation development, manufacturing technology and process development areas. These specialised areas are the bedrock for the intricate art of manufacturing both traditional pharmaceuticals and innovative, trailblazing Drug Delivery Systems that are revolutionising the industry.

During the first year, students are engaged in an extensive curriculum that combines theoretical knowledge with practical applications, encompassing a wide spectrum of topics including Dosage Form Design, Advanced Pharmaceutical Methods of Analysis, Drug Regulatory Affairs, Biopharmaceutics Dosage Form Technology, Advances in Industrial Pharmacy and Novel Drug Delivery Systems.

In the second year, students participate in immersive projects focusing on the key elements of Formulation Development, Stability Studies and Process Validation.

The program's distinctive attributes include ongoing engagement with industry leaders such as Nectar Life Sciences, Abbott Healthcare, Unichem, Clinsys, Arbro Pharma, Dr. Reddy's Labs and various other esteemed organisations, fostering an environment conducive to academic excellence, vibrant conferences and successful placements. It also emphasises hands-on learning through internships and research collaborations that bridge theory with real-world practice.

M. Pharm in Pharmacology

This program leads to specialisation in Pharmacology, which is an integral part of the drug discovery and drug design processes. These processes deal with the identification of lead molecules that could have potential therapeutic activity due to specific molecular and receptor affinity and analogous structure to specific sites and proteins in the body.

In the first year, the Program covers theoretical & practical sessions in subjects including Molecular Pharmacology; General Pathophysiology; Advance Pharmacology and Pharmacotherapeutics I and II; Clinical Research methodologies; advanced Pharmaceutical Methods of Analysis; Drug Regulatory Affairs; Quality Assurance and Biostatistics and other subjects. In the second year, students take-up projects that are aimed at developing and exploring novel receptor targets and mechanisms for drug action in the pathophysiological stages of the disease.

Upon completion of the program, graduates are equipped with an in-depth understanding of Pharmacology, enabling them to navigate the intricate landscape of drug discovery and design with finesse.

Our alumni have gone on to make significant contributions to the field, driving innovation and advancements in therapeutic interventions and securing promising roles in leading pharmaceutical research institutions and industry.

M. Pharm in Drug Regulatory Affairs

This program delivers a comprehensive insight into processes and protocols that meticulously govern pharmaceutical regulations on a global scale. In an increasingly interconnected global market, ensuring compliance with regulatory bodies such as the USFDA in the United States, MHRA in the UK, EMEA in Europe, PMDA in Japan and CDSCO in India is critical for successful product approval and market access.

The program equips students with the knowledge and skills to adeptly navigate the intricate documentation requirements for submissions and dossiers, including the preparation of DMF & CMC documents, CTD & CTD documents, fostering a thorough comprehension of the regulatory landscape.

Equipped with specialised knowledge graduates of this program are positioned to assume roles within regulatory bodies, pharmaceutical companies and research institutions, contributing to the advancement and regulation of the global pharmaceutical industry.

Possessing requisite knowledge for successful market access, including safety, efficacy and adherence to procedural protocols, these professionals play a crucial role in ensuring the safety and quality of pharmaceutical products worldwide.

Graduates with a specialisation in M. Pharm Drug Regulatory Affairs are sought after for their expertise and are often remunerated generously, reflecting the high demand for their specialised skill set in the pharmaceutical industry.

Students work closely with faculty and industry experts, gaining exposure to the latest research and quality standards required by the pharmaceutical sector. The curriculum is designed to help students build strong technical, analytical, and regulatory skills that are valued by employers in India and abroad.



M. Pharm in Pharmacy Practice

M. Pharm in Pharmacy Practice offers specialisation in the methodologies, regulations and control of Clinical Drug Development. The program explores the intricate process of clinical development, providing students with a deep understanding of safety, efficacy and dosing through Phase I-IV clinical trials in human populations.

The curriculum covers a broad range of subjects, including Pharmacology & Therapeutics, Clinical Research Methodologies, Clinical Drug Development, Advanced Pharmaceutical Analysis, Drug Regulatory Affairs, Recent Advances in Pharmacology and Quality Assurance & Biostatistics. Second-year clinical projects provide practical experience in hospital in-patient/out-patient settings, offering hands-on learning in collaboration with clinical research organisations or pharmaceutical companies.

This program prepares students for diverse career paths, including advanced studies in pharmacy practice, clinical pharmacy, pharmaceutics, medicinal chemistry, pharmacotherapy and health systems. Graduates gain practical training in community and hospital pharmacy and can get roles such as Intellectual Property (IP) Specialist, Pharmacist, Medical Writer, Medical Representative and Quality Control Analyst. Additional opportunities in clinical research, research science and teaching further enhance their professional growth.

M. Pharm in Pharmaceutical Chemistry

This comprehensive two-year post-graduate program focuses on pharmaceutical research and development, with specialised training in drug design, synthesis and analysis of novel and natural compounds. The curriculum combines theoretical education with hands-on laboratory experience, preparing students to address industry challenges using advanced drug development techniques.

The course offers extensive career prospects in Research and Development, Quality Control, Analytical Research, Regulatory Affairs, Medical Writing, Pharmacovigilance and other healthcare-related fields. Specialising in Pharmaceutical Chemistry, it explores the intricate world of medicinal chemistry and its critical role in drug discovery and development. Students gain proficiency in organic chemistry, biochemistry, chemical analysis and pharmaceutical formulation, building a solid foundation for a career in the pharmaceutical industry.

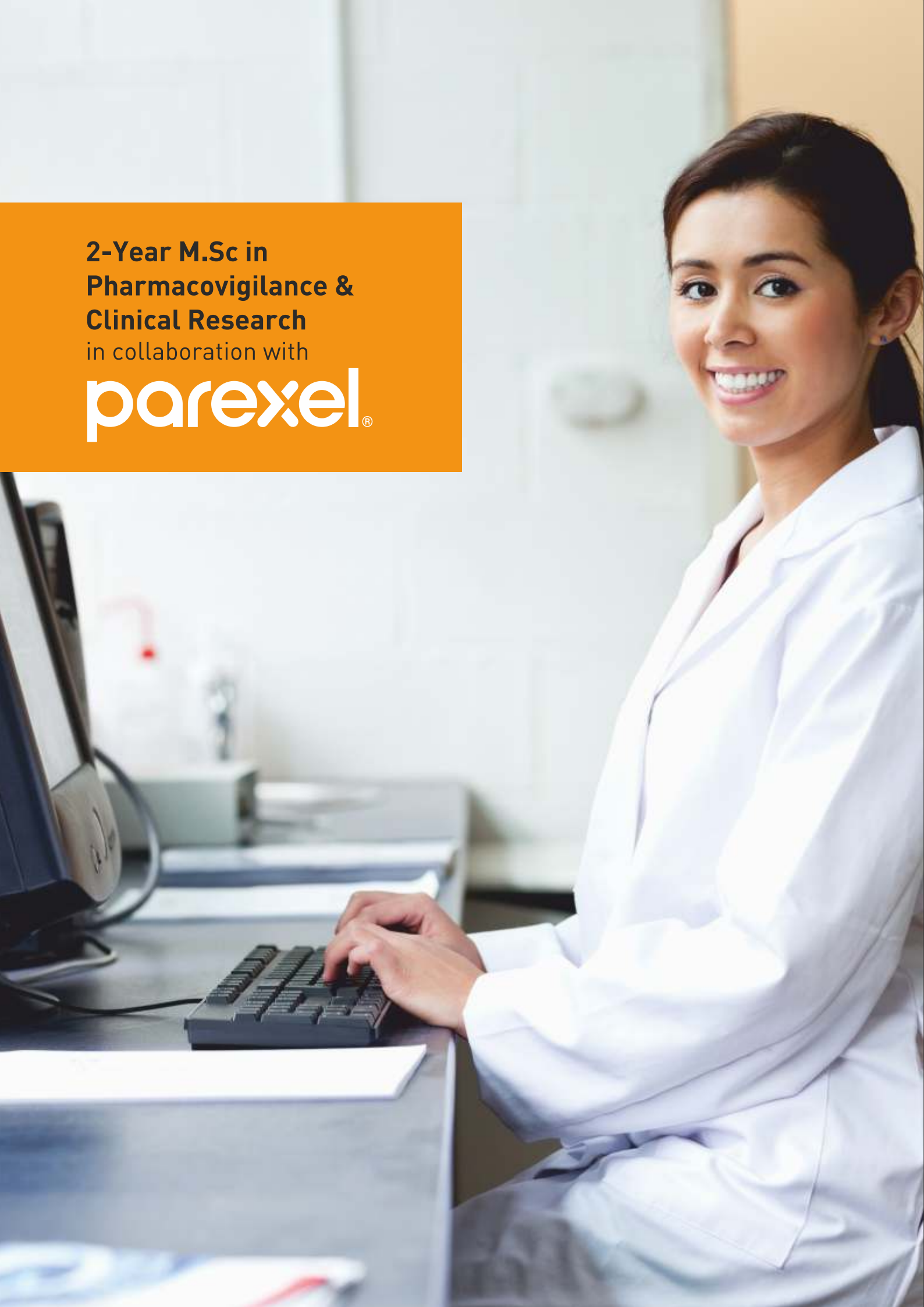
Graduates of the M. Pharm in Pharmaceutical Chemistry are highly sought after and have access to a wide range of opportunities, including roles as Medicinal Chemists, Analytical Chemists, Formulation Scientists, Quality Assurance Specialists, Research Scientists and positions in Pharmaceutical Sales, Marketing and Regulatory Affairs. This program cultivates a deep understanding of medicinal chemistry, equipping graduates with the expertise needed to thrive in academia or in various dynamic roles within the pharmaceutical industry.

M. Pharm in Pharmaceutical Analysis

The M. Pharm (Pharmaceutical Analysis) is a meticulously designed program leading to specialisation in the qualitative and quantitative assessment of substances, from raw materials to finished drug products. This specialisation is the cornerstone of drug discovery, development and quality assurance, ensuring the safety, efficacy and stability of both conventional medicines and innovative new therapeutic agents. The curriculum combines theoretical education with hand-on laboratory experience, preparing students to address industry challenges using advanced drug analytical techniques.

During the first year, students are engaged in an extensive curriculum that combines theoretical knowledge with practical applications, across a wide spectrum of topics including Modern Pharmaceutical Analytical Techniques, Advanced Instrumental Analysis, Drug Development Process, Food and Cosmetic Analysis, Quality Control and Assurance, Bioanalytical Techniques and Stability Testing and Validation.

In the second year, students actively participate in immersive research projects focusing on the key elements of Method Development and Validation, Impurity Profiling, Stability-Indicating Assay Methods and Bioanalytical Method Development, tailored specifically to address the stringent demands of the global pharmaceutical industry and regulatory standards.



2-Year M.Sc in Pharmacovigilance & Clinical Research

in collaboration with

parexel®

2-Year M.Sc in Pharmacovigilance & Clinical Research

in collaboration with Parexel

Introduction to Pharmacovigilance

Healthcare and Pharmaceuticals is one sector that continues to boom and thrive and is recession proof. With many new drugs hitting the market, there is a growing need for vigilance to prevent and monitor the adverse effect of drugs. There is a complete science to it. It is called Pharmacovigilance.

Pharmacovigilance also known as Drug Safety is the Pharmacological Science relating to the collection, detection, assessment, monitoring and prevention of adverse effects with pharmaceutical products. As such, Pharmacovigilance focuses on adverse drug reactions or ADRs, which are defined as any response to a drug which is noxious and unintended, including lack of efficacy. Medication errors such as overdose, misuse and abuse of a drug, as well as drug exposure during pregnancy and breastfeeding, are also of interest, even without an adverse event, because they may result in an adverse drug reaction. Simply put, Pharmacovigilance, is drug safety. It can be defined as the study and prevention of adverse effects caused by pharmaceutical products.

The role of Pharmacovigilance does not end with the approval of a drug. Clinical trials are conducted on a limited number of participants under controlled conditions, which means that certain adverse effects may only become apparent when a medicine is used by a larger population. Continuous monitoring after a drug enters the market is, therefore, essential to identify previously unknown side effects, assess potential risks and ensure that appropriate action is taken to protect patients. This helps maintain the safety of medicines throughout their use and ensures that any emerging concerns are addressed in a timely manner.

Pharmacovigilance is the reason because of which many drugs are withdrawn from or are not even brought into the market at times. The government supports and helps to implement courses in Pharmacovigilance as their primary goal is to ensure students of medicine are aware of the adverse effects of certain drugs.

About Parexel International

Parexel is among the world's largest Clinical Research Organisations (CROs), providing the full range of Phase to Phase IV clinical development services to help life-saving treatments reach patients faster. Their depth of industry knowledge and strong track record gained over the past 40 years is moving the industry forward and advancing clinical research in healthcare's most complex areas, while their innovation ecosystem offers the best solutions to make every phase of the clinical trial process more efficient.

Parexel is focused on supporting the development of innovative new therapies to improve patient health and they do this through a suite of services that help life sciences and biopharmaceutical customers across the globe. They have a solid reputation across the globe for transforming scientific discoveries into new treatments for patients. From clinical trial and regulatory and consulting services to commercial and market access - their therapeutic, technical and functional ability is underpinned by deep conviction in what they do.



Healthcare and Pharmaceuticals are among the fastest-evolving sectors, offering exciting career opportunities for aspiring healthcare professionals. With new drugs, vaccines and therapies continually entering the market, the need to ensure their safety and effectiveness has never been greater. This is where Pharmacovigilance, the science of detecting, assessing, understanding and preventing adverse drug reactions, plays a vital role.

Program Overview

2-year Master's program in Pharmacovigilance is aimed at creating skilled and competent Pharmacovigilance professionals who can work effectively at different levels in Pharmacovigilance departments of leading Pharma Companies and Clinical Research Organisations (CROs) worldwide. This program lets the students learn from industry experts to get Internationally Compliance Pharmacovigilance training based on defined Pharmacovigilance Competency Frameworks (PCF).

The curriculum includes in-depth study of Pharmacovigilance related processes, complemented with hands-on training on ICSR processing, quality management, aggregate report (PSUR/ PBRER/ PADER etc.) writing and compliance management and inturn helps students develop internationally accepted competencies to become world-class Pharmacovigilance Professionals. This strategically designed M.Sc program is the first of its kind in the country, as it is conducted by the University and managed by industry.

Based on International Regulatory & Industry Standards, this program is blended with real-world inputs from Parexel in the form of practical modules and the use of online software for clinical data management. Meanwhile, the 6-month internship with Parexel assures optimal experiential training.

Program Highlights

- India's first program conducted by University and managed by industry leader
- Degree program meets international standards of WHO, JCH, FDA and EMEA
- A program accepted globally based on the skill standards
- Regular interaction with industries including leading Pharmaceutical companies and CROs
- 6-months' internship with Parexel International in last semester to get hands-on learning

Careers in Pharmacovigilance

A career in Pharmacovigilance offers a significant scope for Life Science and Pharmacy graduates, involving the critical task of monitoring and analysing drug side effects. These professionals play a pivotal role in ensuring the safety of pharmaceutical products, contributing to the overall well-being of the public.

It is primarily due to the work of these professionals that the drugs in the market that we consume are mostly safe and those that are found harmful are taken off the market. After a drug side effect is reported, these professionals enter the event in relevant databases, follow up with the case to gather more information and forward these reports to regulatory authorities and other applicable bodies. Pharmacovigilance professionals identify signals in data that may point towards a potential side effect and probe the case further.

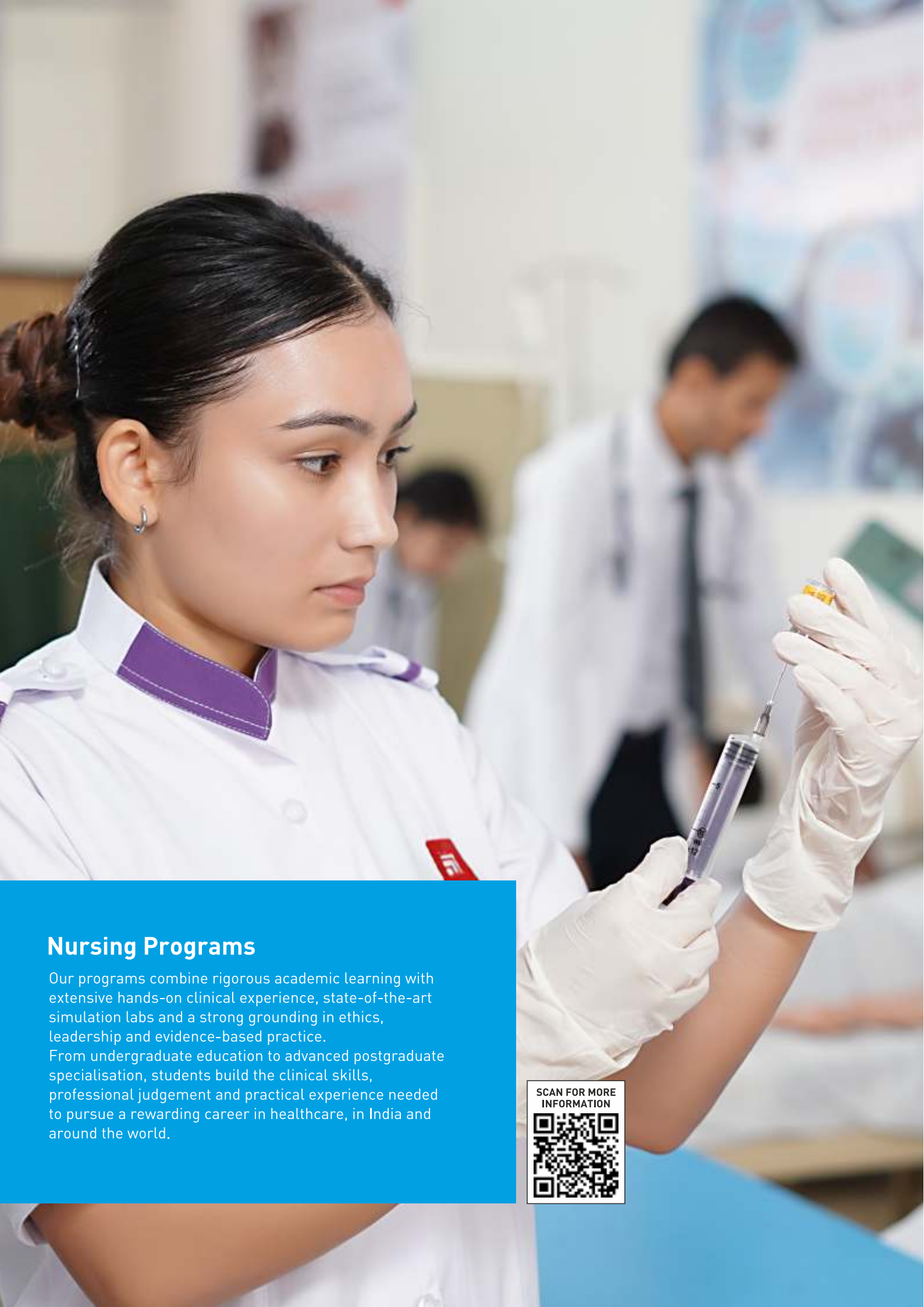
The global Pharmacovigilance market size is projected to reach USD 8889 Million by 2029, from USD 4985.7 Million in 2022, at a CAGR of 8.5% during 2022-2029. With the global Pharmacovigilance market poised for substantial growth, professionals in this field can anticipate a promising and rewarding future.

In Pharmacovigilance, professionals typically work as:

- Pharmacovigilance Scientist
- Pharmacovigilance Quality Reviewers
- Pharmacovigilance Quality Analysts
- Pharmacovigilance Medical Safety Writers
- Pharmacovigilance System Specialists

Pharmacovigilance profiles normally include tasks like:

- Recording and reporting adverse reactions received from healthcare professionals and consumers.
- Conducting in-depth interviews with patients and healthcare professionals.
- Developing a thorough knowledge of products.
- Completing periodic safety update reports on drugs and other treatments.
- Flagging early warning signs of adverse effects of drugs.
- Minimising the risk of serious side effects.
- Completing safety audits.



Nursing Programs

Our programs combine rigorous academic learning with extensive hands-on clinical experience, state-of-the-art simulation labs and a strong grounding in ethics, leadership and evidence-based practice.
From undergraduate education to advanced postgraduate specialisation, students build the clinical skills, professional judgement and practical experience needed to pursue a rewarding career in healthcare, in India and around the world.

SCAN FOR MORE INFORMATION

Nursing Programs

Approved by Indian Nursing Council (INC)

Nursing is at the heart of healthcare, bringing together scientific knowledge, clinical expertise and compassionate care. At Chitkara University, our nursing programs prepare students to meet the demands of modern healthcare with confidence, competence and a strong sense of responsibility. They develop the skills to become capable clinicians, educators and contributors to the communities they serve.

Why Choose Nursing at Chitkara University?

Whether your aspirations lie in critical care, community health, midwifery, nursing education or healthcare administration, Chitkara University provides the knowledge, experience and mentorship to help you succeed.

Comprehensive Academic Pathways: Choose from a 4-Year B.Sc. Nursing (Basic), 2-Year Post Basic B.Sc. Nursing or 2-Year M.Sc. Nursing across five major specialisations, offering pathways from foundational learning to advanced practice.

Advanced Simulation & Skills Labs: Develop clinical confidence through realistic hospital and community-care simulations, mastering essential procedures in supervised environments.

Strong Clinical Partnerships: Gain practical exposure through collaborations with reputed public and private hospitals, bridging classroom learning and patient care.

Industry-Relevant Curriculum: Build clinical expertise alongside communication, personality development, leadership, healthcare management and medico-legal awareness.

Certified Emergency Care Training: Strengthen lifesaving skills through training in Basic Life Support (BLS), Advanced Cardiac Life Support, Advanced Trauma Care and Disaster Management.

Dedicated Placement Support: Receive career guidance and placement assistance to explore opportunities with Healthcare institutions in India and abroad.

Multiple Campus Options: Pursue nursing education at Chitkara University campuses in Punjab and Himachal Pradesh.

State-of-the-Art Nursing Laboratories

Nursing Foundation & Advanced Nursing Labs
Equipped with hospital-style beds, manikins, CPR training dummies and a full range of audio-visual aids. These labs give students structured, hands-on exposure to both basic and advanced nursing procedures.

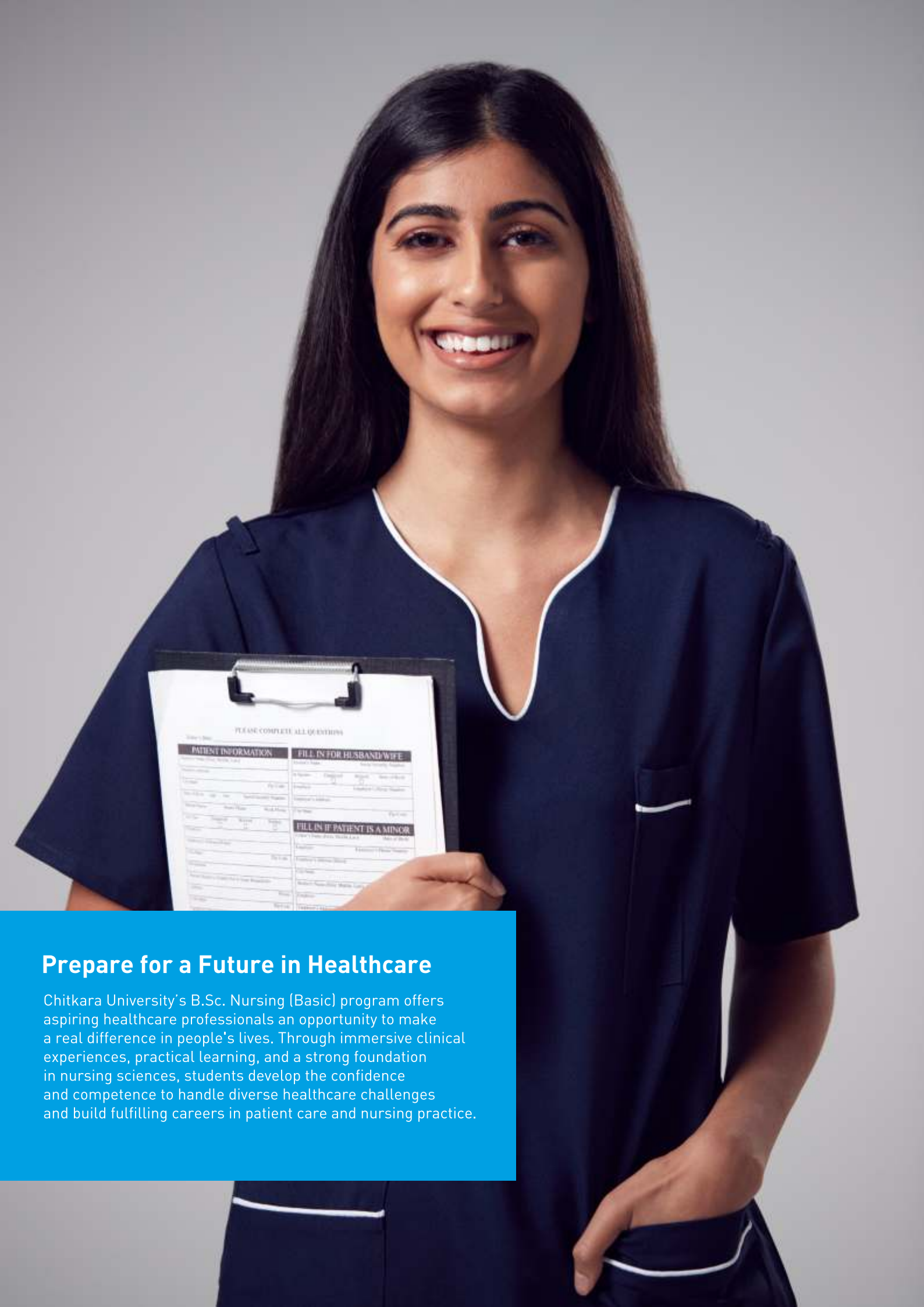
Through simulation-based learning, students are trained to think critically and make sound clinical decisions under realistic, high-pressure conditions - a skillset that sets Chitkara University graduates apart in real hospital settings.

Community Health Nursing Laboratory
Designed to mirror real community and home-care settings, this lab features large collaborative workspaces and specially curated community health kits - complete with thermometers, urine-testing supplies, blood sugar monitors, dressing material and physical examination tools. Students learn to deliver competent, compassionate care beyond hospital walls, preparing them for careers in public health, home-based care and outreach nursing.

Pre-clinical laboratory
Our pre-clinical laboratory is fully equipped with consumables and non-consumables required to build core competencies in Human Anatomy and Physiology, Biochemistry & Microbiology, enabling students to connect foundational science directly to disease understanding and clinical care.

Mother & Child Health Lab
Purpose-built to train the next generation of skilled, midwives, this lab is equipped with a complete delivery table, normal delivery manikins and full delivery sets. Students gain hands-on proficiency in maternal and neonatal care, preparing them to manage one of the most critical areas of nursing practice.

Computer Laboratory
In an era where digital literacy shapes the future of healthcare delivery, our fully equipped computer laboratory ensures nursing students are proficient in health informatics and IT applications - skills vital to disease control, diagnosis, patient management and modern healthcare systems worldwide.



Prepare for a Future in Healthcare

Chitkara University's B.Sc. Nursing (Basic) program offers aspiring healthcare professionals an opportunity to make a real difference in people's lives. Through immersive clinical experiences, practical learning, and a strong foundation in nursing sciences, students develop the confidence and competence to handle diverse healthcare challenges and build fulfilling careers in patient care and nursing practice.

4-Year B.Sc. Nursing (Basic)

Offered at Chitkara University, Punjab and Himachal Pradesh

Building Skilled, Compassionate Nurses for a Lifetime of Care

The B.Sc. Nursing (Basic) program at Chitkara University prepares skilled professionals to deliver holistic care across diverse healthcare settings. This four-year program covers health promotion, illness management and end-of-life care, training graduates to support patients at every stage of the health continuum. Through a blend of clinical experience and strong theoretical grounding, the program prepares graduates to excel in both nursing and midwifery, meeting national and international practice standards from day one.

The program emphasises the development of essential clinical competencies, critical thinking and effective communication skills required to address the evolving needs of healthcare. Students gain an understanding of patient-centred care, learning to assess individual health needs, make informed clinical decisions and provide appropriate nursing interventions.

The curriculum also highlights the importance of empathy, professional ethics and cultural sensitivity in delivering quality healthcare. By integrating theoretical knowledge with practical application, students develop the confidence to work collaboratively with healthcare professionals, respond to diverse patient needs and adapt to changing clinical environments. The program aims to nurture competent, compassionate and responsible nursing professionals equipped to contribute meaningfully to patient care and the wider healthcare sector.

Program Overview

- **Comprehensive Curriculum:** The program spans foundational, core and advanced nursing practice courses, including Anatomy & Physiology, Microbiology, Adult Health Nursing and Child Health Nursing, building a strong scientific and clinical foundation. The curriculum integrates theoretical knowledge with practical learning, helping students understand human health, disease processes and the principles of nursing care across different stages of life.
- **Real-World Clinical Training:** Clinical exposure is delivered through active partnerships with private and public hospitals, giving students hands-on experience in real healthcare environments, in addition to simulated settings. This enables students to understand hospital operations, interact with patients and healthcare professionals and gain familiarity with the demands of clinical practice.
- **Deliberate Skill Development:** Emphasis is placed on mastering essential nursing skills and rehearsing clinical scenarios within a safe, controlled environment before applying them in live clinical settings. Students develop proficiency in patient assessment, nursing procedures and clinical decision-making.

Program Objectives

- Produce competent nurses and midwives with strong critical thinking skills, equipped to meet the needs of the profession, healthcare systems and society.
- Prepare graduates for roles of professional nurses and midwives, delivering preventive, curative and rehabilitative healthcare services across settings.
- Train nurses and midwives to make independent, sound decisions within their scope of practice, protect the rights of individuals and groups, conduct research and apply evidence-based practices.
- Equip graduates for roles such as practitioner, teacher, supervisor and manager across a wide range of healthcare environments.

Nursing



2-Year Post Basic B.Sc. Nursing

in collaboration with Fortis Healthcare

Recognised by both the Indian Nursing Council (INC) and the Punjab Nursing Registration Council (PNRC), the Post Basic B.Sc. Nursing program at Chitkara University offers practising diploma nurses a direct pathway to achieve graduate-level qualification deepening their clinical expertise while opening doors to leadership, education and research roles across the profession.

Program Overview

This two-year program is a Bridge Course offered to General Nursing Diploma (GNM) holders looking to equate their qualification with that of graduate nurses. The program orients students to current concepts and developments in nursing practice, integrating knowledge across disciplines to enable holistic care - spanning health promotion, infection prevention and control, illness management and recovery-phase rehabilitation for patients and their families alike.

Program Objectives

The Post Basic program is designed to help Diploma (GNM) nurses upgrade their skills and prepare to:

- Assume the responsibilities of competent, professional nurses and midwives, delivering promotive, preventive, curative and rehabilitative healthcare services.
- Make independent decisions in nursing situations, safeguard the rights of individuals and groups in their pursuit of health and well-being and function effectively within the hospital system.
- Work confidently in community nursing services, conduct research within the nursing practice and take on roles such as teacher, supervisor or manager across clinical and public health settings.

Career Prospects

B.Sc. Nursing (Basic) & Post Basic B.Sc. Nursing:
A Profession With Ever-Growing Demand

Together, the B.Sc. Nursing (Basic) and Post Basic B.Sc. Nursing programs open the door to a wide and growing range of career opportunities, driven by the rising global demand for skilled healthcare professionals.

Chitkara University graduates go on to build careers:

- Registered Nurse (RN): providing direct patient care across hospitals, clinics and community health organisations.
- Nurse Educator: teaching nursing students in academic institutions and helping train the next generation of nurses.
- Nurse Administrator: pursuing leadership positions in healthcare management, overseeing nursing staff and ensuring quality patient care.
- Public Health Nurse: working to improve population health outcomes through education, prevention and health promotion.
- Home Healthcare Nurse: delivering personalised care to patients in their homes, particularly the elderly and chronically ill.
- Nursing in the Armed Forces: serving as a nursing officer in the Indian Army, Navy or Air Force.

Nursing



2-Year M.Sc. Nursing

M.Sc. Nursing students have the option to choose from one of these specialisations:

Medical Surgical Nursing | Community Health Nursing | Psychiatric Nursing
Child Health Nursing | Obstetrics & Gynaecological Nursing

The M.Sc. Nursing program at Chitkara University is designed to develop nurses who can make independent, evidence-based clinical decisions, safeguard the health rights of individuals and communities and lead confidently across practice, education and research.

Program Overview

The M.Sc. Nursing program prepares graduates to operate effectively across both hospital and community nursing services, while actively engaging in nursing research that advances the profession.

- The curriculum places deliberate emphasis on: Research and evidence-based practice
- Ethical and culturally competent care
- Leadership and management capability development

A Learning Experience Built for Tomorrow's Healthcare Leaders

The program equips students with strong teaching capabilities alongside advanced clinical specialisation, seamlessly integrating technology and simulation based learning into the curriculum. Continuous assessment and inter-professional education foster ongoing growth, while structured clinical placements, community engagement initiatives and professional development opportunities enrich the overall learning experience.

Career Pathways

Graduates of the program go on to build careers as:

- Clinical Nurse Specialist: advanced practice in your chosen specialty (Medical Surgical, Psychiatric, Obstetric, Child Health or Community Health)
- Nursing Faculty/Lecturer: teaching at nursing colleges and universities
- Nurse Administrator/Director of Nursing: hospital leadership and nursing management
- Clinical Research Nurse: coordinating clinical trials and evidence-based practice
- Public Health Program Manager: leading community and government health initiatives
- Nursing Officer (Armed Forces): Army, Navy or Air Force nursing services
- Ph.D Track: pathway into doctoral research and academic leadership
- International Practice: licensure and roles abroad (Gulf, UK, Australia, Canada)



Health Sciences at Chitkara University

Chitkara School of Health Sciences offers professional undergraduate and postgraduate programs that prepare students for meaningful careers in healthcare. Regulated under the National Commission for Allied and Healthcare Professions (NCAHP) Act, 2021, the programs combine scientific knowledge with competency-based training. Through laboratory work, clinical exposure, internships and supervised practice, students develop the skills, ethics and confidence to work effectively across hospitals, clinics, diagnostic centres, rehabilitation and community health settings.

Healthcare Industry in India

India's healthcare ecosystem is undergoing rapid transformation, driven by rising clinical demand, diagnostic advancements, and expanding medical infrastructure nationwide. As hospitals, specialty centres, and public health initiatives scale up to bridge critical care gaps, skilled allied healthcare professionals have become the backbone of modern patient delivery. This surge in clinical complexity and preventative care has created sustained, long-term career opportunities for trained specialists ready to step into essential diagnostic, therapeutic, and surgical support roles.

There is no better time to enter into the field of Healthcare Management. Healthcare Industry is growing globally. Consequent to this growth, there is an explosion of opportunities for ALLIED HEALTHCARE professionals. Healthcare has become one of India's largest sectors - both in terms of revenue earnings and employment. Public as well as private players have sensed the immediate demand and have started to strengthen their coverage & services in the Healthcare domain.

Despite noteworthy improvements, our country is still burdened with age old issues like mother & infant mortality, malnutrition and infectious diseases. Meanwhile, rising incidences of lifestyle diseases like Hypertension, Diabetes, Depression and Psychosis have also penetrated urban and rural areas. On top of this, new epidemics (COVID, Swine Flu, Bird Flu) and re-emerging diseases (Dengue, Chikungunya) are posing a huge challenge to the Indian Healthcare space.

India is largely an underserved market with respect to Healthcare facilities. There is a huge scope for improvement and the clamour for affordable and accessible Healthcare has become prominent. Besides, the conventional mode of Healthcare delivery, there is also a growth in demand for sectors like Allied Health Sciences, Public Health, Home Healthcare and Telemedicine.

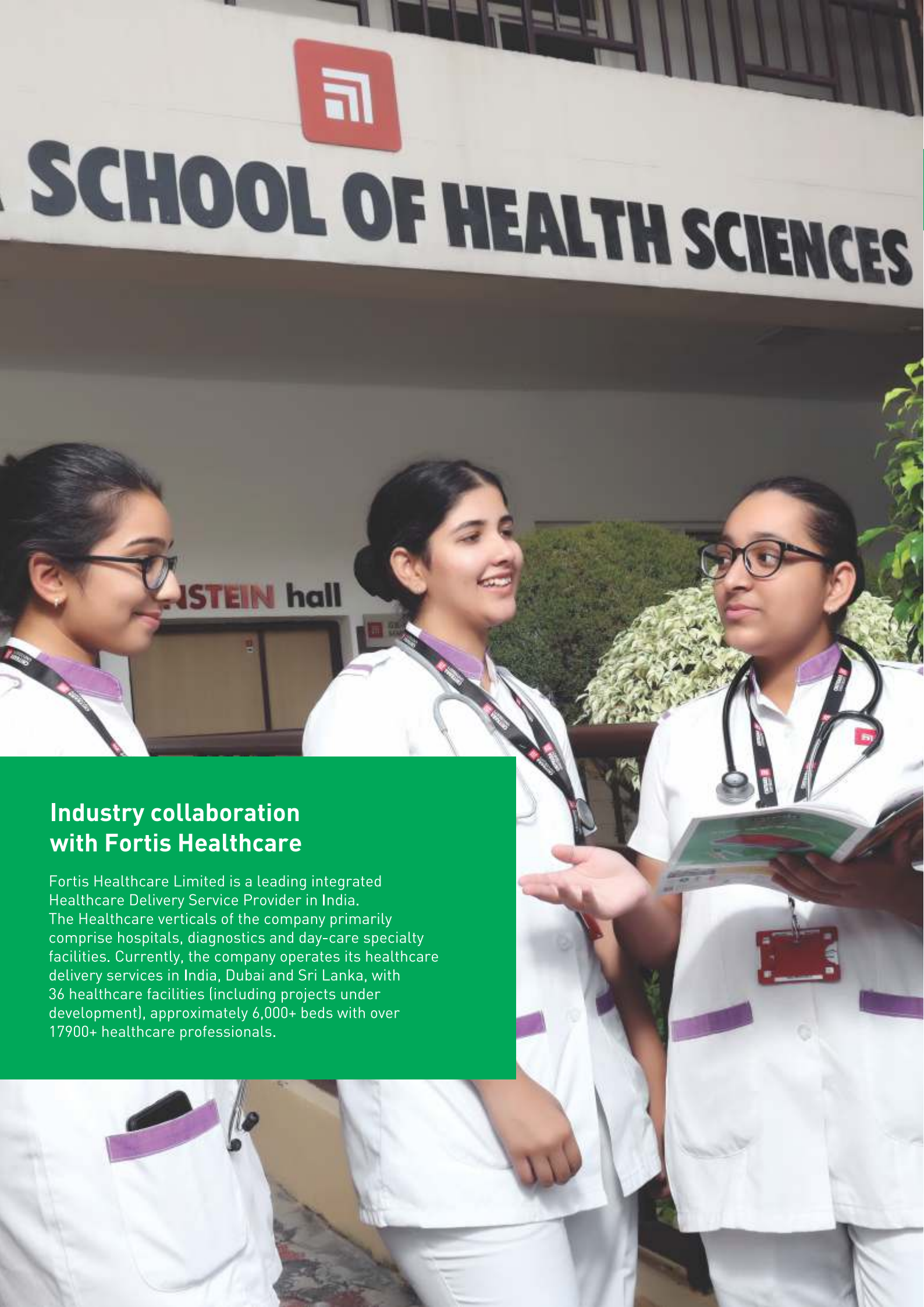
In order to facilitate the whole gamut of Healthcare, we are witnessing an emergence of Data Informatics and Analytics. This is leading to a paradigm shift in the way Healthcare is being delivered and monitored across the world.

Employment opportunities in Healthcare are growing with each passing year. This has enormously tipped the need for competent & well-groomed professionals. Private as well as public sector jobs are available. The latest window of opportunity has been opened by the Government of India's ambitious, promising and far-reaching National Health Protection Scheme called Ayushman Bharat and the National Commission for Allied and Healthcare Professions Act 2021.

Industry Overview

- India's Healthcare industry is projected to grow to 19% by each year.
- Healthcare market in India is expected to reach US$ 800 billion by 2029 & 1.5 trillion USD by 2030. It is estimated that India will require 2.07 million more health care staff* by 2030 in order to achieve a doctor-to-population ratio of 1:1000.
- Healthcare industry in India is projected to reach Rs. 65 lakh crore by 2030.
- About 250,000 more health workers are needed to meet the standards set by the World Health Organisation - which is 22.8 health workers per 10,000 population.
- Rising incomes, greater health awareness, lifestyle diseases and increasing access to insurance will contribute to growth. of healthcare services in India.
- 100,000 jobs are expected to be created from Ayushman Bharat.
- The Indian medical tourism market is expected to reach around US$ 14-18 billion in the coming years.
- Indian government will increase public expenditure on Healthcare from 1.1% to 2.5% GDP in the next four years and to 5% in the following 5 years.
- The hospital market alone is expected to reach Rs. 17 lakh crore by 2032.

Note:* Number of doctors possessing recognised medical qualifications (under I.M.C Act) registered with State Medical Councils | Medical Council of India
https://scroll.in/article/931857/with-20-medical-professionals-for-every-10000-citizens-can-india-provide-universal- healthcare



Industry collaboration with Fortis Healthcare

Fortis Healthcare Limited is a leading integrated Healthcare Delivery Service Provider in India. The Healthcare verticals of the company primarily comprise hospitals, diagnostics and day-care specialty facilities. Currently, the company operates its healthcare delivery services in India, Dubai and Sri Lanka, with 36 healthcare facilities (including projects under development), approximately 6,000+ beds with over 17900+ healthcare professionals.

Campus Recruitment
for Allied Healthcare Graduates

Our Allied Healthcare graduates kickstart their careers in diverse sectors such as Consultancy, Diagnostics, Hospital, Insurance, IT, Medical Equipment, Pharmaceuticals, NGOs & Public Health and Clinical Research Labs.

Allied Healthcare



4-Year B.MLS
BACHELOR OF MEDICAL LABORATORY SCIENCE

Medical Laboratory Science is the branch of science which deals with all the clinical laboratory investigations on clinical samples for laboratory diagnosis of various diseases. Blood, tissue and body fluids are analysed and examined for various types of foreign organisms and abnormalities. This information is then used by the medical team to make decisions regarding a patient's medical care. 60-70% of all medical decisions are based on the results of clinical laboratory investigation reports.

Program Overview

Medical Laboratory Scientists are at the heart of a patient-centric healthcare team, managing labs and running tests that will inform diagnosis and treatment.

Our program in Medical Laboratory Science lays special emphasis on:

Medical Microbiology | Clinical Biochemistry
Human Anatomy | Human Physiology
Microbiology Pathology | Fundamentals of Hematology
Scientific Writer Cytogenetic & Tissue Culture
Blood Banking | Cytology & Cytotechniques
National Health Program | Sales & Marketing Executive
Quality Control Manager

In clinical rotations, the student experiences hands-on learning in each discipline of the laboratory and under supervision, performs diagnostic testing in a functioning laboratory.

Industry Internship

After having successfully completed their academics in the University, the students need to undergo a 1-year internship at reputed hospitals.

Employability

The Medical Laboratory Scientist is qualified to provide service, research in clinical laboratory science, related areas of the rapidly changing and dynamic healthcare delivery systems.

- Graduates can work in hospital and healthcare institutions, research laboratories and diagnostic centres or set-up their own establishments.
- Students can pursue higher studies in specialised fields, work as scientists or in academia.
- Students can get placed as Scientific Officer or Quality Assurance Officer.

Allied Healthcare



4-Year B.PA
BACHELOR OF PHYSICIAN ASSOCIATE

As India's healthcare sector continues to expand, there is a rising need for versatile professionals who can help bridge the gap between doctors and patients in diverse medical settings. The Bachelor of Physician Associates (B.PA) is a comprehensive four-year program that prepares students to provide high-quality medical care, supporting clinical teams in hospitals, clinics and community health environments.

Program Overview

This degree offers in-depth training in medical science, patient assessment, diagnostics, and therapeutic interventions. Students acquire skills to assist physicians in conducting physical examinations, planning treatments, performing diagnostic procedures and managing chronic conditions. The curriculum focuses on evidence-based practice, ethical patient care and integration with the healthcare team. Students gain experience with electronic health records, clinical protocols and navigating healthcare regulations and organisational principles.

Program Structure

The curriculum includes study of anatomy, physiology, pharmacology, pathology, emergency medicine and medical communication. Students participate in simulated patient scenarios, outpatient case discussions and diagnostic workshops to sharpen their skills in realistic environments. Supervised rotations allow learners to work alongside physicians, nurses and other health professionals. They also participate in internships at hospitals, clinics and outpatient facilities, where they gain supervised experience in a range of specialities.

Employment Landscape

Demand for Physician Associates continues to rise, driven by the growing need for accessible healthcare and support for medical professionals. BPAs are equipped to provide preventive, diagnostic and therapeutic services across multiple levels of the healthcare system, particularly in community health settings. Their versatility and ability to collaborate within multidisciplinary teams make them an invaluable resource in improving healthcare delivery. The program opens opportunities in both public and private health sectors and the recent formal recognition under the National Commission for Allied and Healthcare Professions Act enhances career stability and scope. Graduates of this program may pursue specialisations, advanced certifications or further studies to expand into leadership, teaching or specialist clinical roles.

Potential Career Roles

Physician Associate | Clinical Assistant
Surgical Assistant | Emergency Room Assistant
Medical Officer (under supervision)
Healthcare Administrator | Patient Care Coordinator

Allied Healthcare



4-Year BACHELOR OF MEDICAL RADIOLOGY AND IMAGING TECHNOLOGY (B.MRIT)

Radiology is a branch of medicine that uses radiation and imaging technology to diagnose and treat disease. It allows the radiologic technologist to produce images of various internal parts of the body, to aid in the detection of injury or disease by using radiations. Radiology is central to the clinical practice of medicine across a wide range of disciplines. It is the best practical way to diagnose, monitor treatment and detect progression or relapse of many important and common diseases in a minimally invasive and anatomically precise manner.

With rapid advancements in medical technology, the demand for skilled professionals in medical imaging has soared. Our 4-year Bachelor program in MRIT is meticulously designed to meet this growing need.

Program Overview

This program bridges cutting-edge technology with compassionate patient care. Through an industry-focused curriculum, students gain the knowledge and skills essential for a successful career in medical imaging. The mandatory industry internship at Fortis Hospital further enriches students' experience, preparing them to make a tangible impact in healthcare.

Our B.MRIT Program

Human Anatomy/Surface Anatomy | Radiation Physics
Human Physiology | Radio Diagnosis & Positioning
Radiation Protection | Radiological Technology
Specialised Diagnostic Techniques | Radio-imaging

Industry Internship

Students complete their internship at Fortis Hospital and Homi Bhabha Cancer Hospital and Research Centre. Successful completion of the internship is required to obtain the Bachelor's degree in Medical Radiology and Imaging Technology (B.MRIT).

Employability

Graduates will be well-prepared for roles in hospitals, healthcare institutions, research laboratories and diagnostic centres. Those interested in further studies can pursue specialisation in their field, leading to roles as Scientists or Faculty members in academic institutions.



4-Year BACHELOR OF ANAESTHESIA AND OPERATION THEATRE TECHNOLOGY (B.AOTT)

The Bachelor of Anaesthesia & Operation Theatre Technology (B.AOTT) program has been designed to meet the growing demand for skilled healthcare professionals in the areas of Operation Theatre Management, Anaesthesia Technology, Medical Ethics and Post-Operative Care. The program equips students with the knowledge, technical expertise and practical skills required to effectively assist in surgical procedures, ensure safe and efficient operation theatre practices and contribute to quality patient care.

Operation Theatre and Anaesthesia Technologists are responsible for direct and indirect patient care, equipment set up and operation procedures. They are trained to assist the surgeons during the procedures and assume responsibility for completion of other functions as assigned.

Students have ample opportunities to take part in seminars, case discussions, lab work, experimental work and industry internships.

Industry Internship

Our students complete their internship at Fortis Hospital and Homi Bhabha Cancer Hospital and Research Centre. The completion of internship is mandatory for the student to obtain the Bachelor of Anaesthesia & Operation Theatre Technology Degree.

Program Overview

Our Bachelor of Anaesthesia & Operation Theatre Technology program lays special emphasis on:

Applied Anatomy & Physiology | Clinical Pharmacology
Clinical Microbiology | Anesthetic Techniques
Medical Ethics | CSSD Procedures | Special Surgeries
Advance Surgical Procedures

Employability

Operation Theatre and Anaesthesia Technologists are required across all hospitals for conduct of surgeries which include:

General Surgery | Ophthalmic Surgery | Orthopaedic Surgery
Gynaecology Surgery | Plastic Surgery | ENT Surgery
Neurosurgery | Cardio Therapy Surgery | Spinal Surgery



Industry collaboration with NEELAM HOSPITAL

Superspeciality Health Care

Chitkara University's programs in B.Sc. Clinical Embryology, M.Sc. Clinical Embryology and M.Sc. in Reproductive Health & Fertility Counselling are offered in collaboration with Neelam Hospital, a respected name in fertility care. This partnership gives students exposure to IVF laboratories, clinical practice and expert mentorship, equipping them with practical knowledge and skills for careers in reproductive medicine, embryology and fertility counselling.

4-Year B.Sc. in Clinical Embryology

Clinical Embryology is a rapidly expanding field integral to reproductive medicine and assisted reproductive technologies. With rising infertility concerns worldwide, the demand for highly trained embryologists is escalating. This specialised program equips students with knowledge and practical expertise in human reproduction, fertilisation processes and embryo development.

The 4-year B.Sc. in Clinical Embryology is a comprehensive, career-focused undergraduate programme designed to prepare students for the rapidly advancing field of reproductive medicine and fertility care. Combining scientific knowledge, advanced laboratory training and patient-centric professionalism, the program equips aspiring healthcare professionals with the technical expertise, analytical abilities and ethical understanding required to contribute meaningfully to assisted reproduction and reproductive healthcare.

This program offers students an opportunity to explore the science of human reproduction while developing specialised competencies relevant to fertility clinics, IVF laboratories, hospitals, biomedical research institutions and allied healthcare settings. Through a structured combination of theoretical learning, hands-on laboratory coursework, clinical internships and independent research projects, students gain extensive exposure to the principles, technologies and procedures associated with modern reproductive medicine.

Program Structure

Students progress from foundational courses in human anatomy, physiology and molecular biology to advanced modules in embryology practices and ART (Assisted Reproductive Technology). Students develop proficiency in clinical lab management, micro-manipulation techniques, gamete handling and embryo grading. The curriculum also integrates training in ethical, legal and counselling aspects of assisted reproduction, ensuring holistic professional readiness to contribute to patient care within IVF centres and related healthcare facilities, making them indispensable assets in fertility clinics, hospitals and biomedical research institutions.

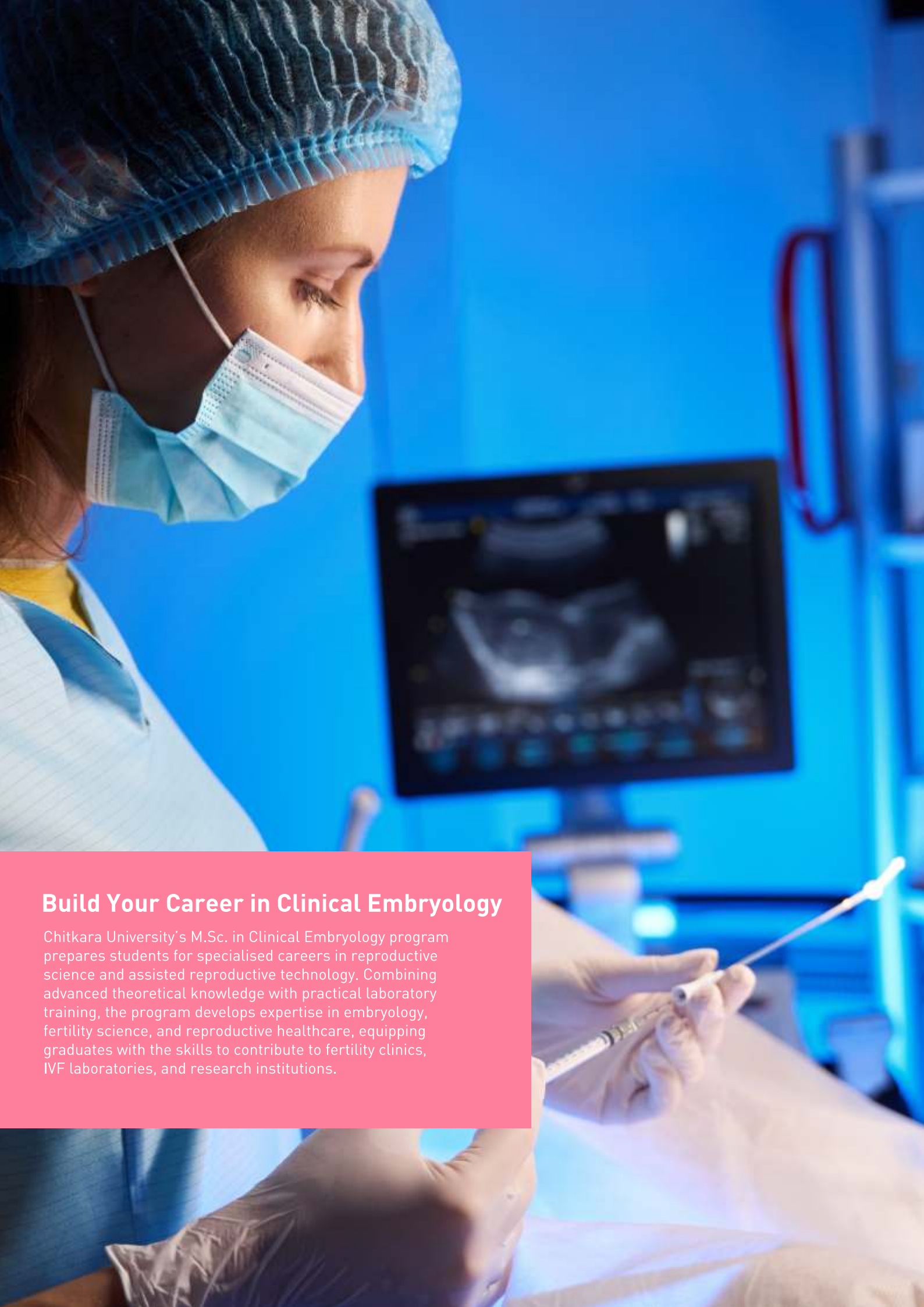
Structured practical sessions help students translate theoretical knowledge into laboratory competence while strengthening their observation, documentation and analytical skills. Skill development is reinforced by immersive internships at leading clinics, research institutes and biotechnological facilities, helping graduates develop a comprehensive professional profile.

Career Opportunities

Graduates enter a thriving, globally relevant profession with career openings in fertility and andrology laboratories, medical device companies and genetic testing facilities. The ongoing expansion of IVF services and advances in ART innovation promise sustained growth, international mobility and opportunities for specialisation in embryonic genetics, reproductive counselling or biomedical research.

Potential Career Roles

Clinical Embryologist | IVF Laboratory Technician | Reproductive Biologist | Research Scientist | Laboratory Manager
Genetic Counsellor | Patient Care Coordinator



Build Your Career in Clinical Embryology

Chitkara University's M.Sc. in Clinical Embryology program prepares students for specialised careers in reproductive science and assisted reproductive technology. Combining advanced theoretical knowledge with practical laboratory training, the program develops expertise in embryology, fertility science, and reproductive healthcare, equipping graduates with the skills to contribute to fertility clinics, IVF laboratories, and research institutions.

2-Year M.Sc. in Clinical Embryology

Chitkara University's M.Sc. in Clinical Embryology program offers a comprehensive learning experience over four semesters, covering the theoretical, practical and clinical aspects of assisted reproductive technology.

Step into the rapidly advancing world of reproductive science with a program designed to develop the next generation of skilled embryologists. Combining scientific knowledge, advanced laboratory techniques and clinical exposure, the program equips students with a comprehensive understanding of male and female reproductive systems, infertility-related disorders and assisted reproductive technologies (ART).

A key highlight is the 6-month Dissertation & Clinical Training at renowned hospitals in the region, offering students valuable hands-on experience in real-world clinical environments. Through practical learning, research exposure and professional skill development, students gain the technical expertise and confidence for a successful career in clinical embryology. Aligned with international standards, UGC regulations, the Assisted Reproductive Technology (Regulation) Act, 2021, and the National Education Policy 2020, the curriculum aims to prepare graduates to meet evolving industry expectations and contribute meaningfully to fertility care and reproductive healthcare.

Learning Outcomes

Upon successful completion of the program, students will be equipped to:

- Develop a comprehensive understanding of male and female reproductive biology, including the causes, diagnosis and management of infertility-related disorders.
- Gain practical proficiency in semenology, In Vitro Fertilisation (IVF), Intracytoplasmic Sperm Injection (ICSI), cryopreservation and advanced diagnostic techniques used in ART laboratories.
- Apply scientific knowledge and laboratory skills to support reproductive healthcare procedures with accuracy, precision and professionalism.
- Demonstrate strong ethical values, effective communication skills and a commitment to professional responsibilities, patient confidentiality and established standards in clinical embryology.

Program Highlights

Hands-on Clinical Experience: Gain intensive practical training in embryology laboratories, covering gamete handling, IVF procedures, embryo culture and laboratory techniques, complemented by 6 months of clinical training.

Industry-Academia Collaboration: Benefit from collaborations with leading hospitals and fertility centres that bridge classroom learning with real-world applications of assisted reproductive technologies.

Expert-Led Learning: Learn from experienced faculty through interactive sessions, practical demonstrations and research projects that encourage critical thinking and professional competence.

Interdisciplinary Approach: Explore the interconnected fields of reproductive genetics, endocrinology, embryonic development and biotechnology to build a broader understanding of reproductive health sciences.

Advanced Research Facilities: Access modern laboratories and research infrastructure designed to encourage scientific exploration, technical proficiency and innovation in reproductive medicine.

Career Opportunities

With the growing demand for specialised professionals in fertility care and assisted reproductive technologies, graduates can explore diverse career pathways across clinical, diagnostic, research and healthcare sectors.

Career avenues include:

Clinical Embryologist | ART Laboratory Professional:
Andrology Laboratory Specialist | Research Associate
Cryopreservation Specialist
Reproductive Healthcare Professional

The program also establishes a strong foundation for higher studies, specialised clinical training and research in reproductive sciences, empowering graduates to pursue meaningful careers in an evolving field of healthcare.

Build a Rewarding Career in Nutrition

Chitkara University's Bachelor of Nutrition and Dietetics (Hons.) program offers a comprehensive understanding of nutrition science, clinical dietetics, and public health. Combining academic learning with practical exposure, the program empowers students to assess dietary needs, promote healthy lifestyles, and address nutritional challenges. It prepares graduates for rewarding careers across healthcare, clinical nutrition, wellness, food industries and community health.



4-Year Bachelor of Nutrition and Dietetics (Honours)

This unique program is designed to equip the students with scientific information on nutritional and metabolic care and the relationship between nutrition in health and disease. It equips graduates with the skills required to promote the nutrition and well-being of individuals and groups in a variety of settings.

It involves the study of basic and advanced level of holistic nutrition, maintaining and improving health by enhancing the quality of life and overall well-being by advocating a healthy diet and exploring healthier dietary modifications.

This program in Nutrition and Dietetics focuses on the role of food, nutrition and health in society. Integrating knowledge and research into course work, our curriculum will provide you with an understanding of basic sciences and theoretical and applied aspects of Nutrition and Dietetics.

Program Overview

The program develops an understanding of how food and nutrients influence the functioning of the human body, overall health and disease prevention. Students explore the relationship between nutrition, metabolism and well-being, gaining insights into dietary requirements across different stages of life. They also learn about food composition, nutritional assessment, healthy meal planning and dietary modifications.

The curriculum brings together scientific principles and their practical applications, helping students understand how evidence-based nutritional guidance can support individual health needs and improve dietary habits. It also introduces emerging areas of nutrition research and the growing role of functional foods in promoting health.

Bachelor Program in Nutrition and Dietetics (Hons.) lays special emphasis on:

General Physiology | Principles of Food and Nutrition
Introduction to Food Science | Food Chemistry
Food Microbiology | Nutritional Biochemistry
Basics of Cooking and Meal Planning
Nutraceuticals, Functional Foods and Nutrigenomics

Career Prospects

The study of nutrition and food provides a solid academic education and practical training for a variety of career opportunities. These fields also encompass some of the most critically important and hotly debated issues affecting modern society, such as, world hunger and problems related to safety, bioengineering and the globalisation of food.

Through positions in health care, business, government service, private practice, the food & food service industries and educational and community programs, nutrition and food professionals help individuals and the public make better-informed choices about food and nutritional health.

Registered Dietitians are certified professionals who work in Government Hospitals and prescribe certified diet system for disease management and also guide for proper meal management to prevent the occurrence of metabolic disorders.

- Clinical Dietitians are specialists in food nutrition services in hospitals, outpatient clinics and private practices. They assess patient nutrition, develop dietary plans, provide patient counselling and monitor patient's progress.
- Community Dietitians work in public health agencies, health and fitness clubs and day care centres. They counsel people on food choices and direct programs in nutrition awareness and disease prevention.
- Consultant Dietitians are independent business people who work as nursing home consultants, book authors and patient counsellors in medical centres and fitness programs. They also develop and evaluate food service systems and serve as independent advisors to the industry.



Optometry Program

Good vision is fundamental to everyday life, making eye care an increasingly important area of modern healthcare. Optometry combines scientific knowledge, advanced diagnostic techniques and patient-focused care to assess visual health, manage vision-related conditions and promote long-term eye wellness. With changing lifestyles, increased screen exposure and growing awareness of preventive eye care, the scope of this profession continues to expand. A comprehensive undergraduate program in Optometry equips students with a strong foundation in vision science, hands-on clinical training and the professional skills needed to build successful careers in this evolving healthcare field.

5-Year Bachelor of Optometry (B.OPTOM)

5-Year full-time Bachelor of Optometry program at Chitkara University focuses on providing integrated approach which help develop a high degree of conceptual skills, analytical skills and quality technical knowledge base among future Optometrists and prepares them for a bright future in the Healthcare industry.

A dynamic healthcare profession, Optometry revolves around the meticulous examination, diagnosis, treatment and management of various diseases and disorders related to the visual system. A crucial branch of healthcare, Optometry is dedicated to addressing all matters concerning the eyes. The responsibilities encompass conducting thorough eye examinations to identify vision issues and prescribing corrective lenses to rectify these issues. Optometrists play a pivotal role in bestowing the invaluable gift of clear, unhindered vision.

In a country like India, where more than 300 million individuals lack access to adequate vision correction, the demand for over 100,000 well-trained optometrists becomes increasingly apparent.

This undergraduate degree trains students to work as an optometrist. The students who pursue this program will be trained to understand the science behind diseases of the eye, its diagnosis, treatment, rehabilitation and referral as appropriate. Gaining in-depth knowledge will help the students to become professionals who can reduce vision-related issues and thrive in the field of Optometry which is one of the fastest-growing fields.

Students will be groomed and trained by optometry experts, specialised in binocular vision and vision therapy, low vision and rehabilitation and contact lenses to meet the demands of a rigorous curriculum. They will be trained to offer comprehensive care for visual systems like vision, detection of all kinds of eye diseases, carefully prescribing eye correction options like suitable eyeglasses, contact lenses and low vision aids.

This is a dynamic and challenging career, which allows one to help people achieve personal growth, community respect, job flexibility and financial success. The training will enable a student to become a competent person in providing service to the community in urban, semi-urban and rural settings in private and government healthcare organisations.

The escalating demand for proficient optometrists in the public sphere underscores the necessity for top-tier undergraduate programs. These programs are essential in equipping aspiring students with the necessary education and training required to thrive in this specialised field.

Program Structure

Chitkara University is offering the Bachelor of Optometry program as a 5-year professional program in accordance with the National Commission for Allied and Healthcare Professions (NCAHP), Government of India. The program consists of 4-years of academic teaching and structured clinical training, followed by 1-year of compulsory clinical internship at recognised tertiary eye care institutions. The curriculum is designed to develop competent healthcare professionals with the expertise to deliver comprehensive optometric services across primary, secondary and tertiary eye care and industrial settings.

Some basic courses covered during the program are:

- Basic Biochemistry & Nutrition | General & Ocular Physiology & Anatomy | Physical & Geometric Optics
- Principles of Lighting | Optometric & Visual Optics Optometric Instruments | CEVS & Ocular Diseases
- Microbiology, Pathology & Pharmacology Clinics Medical Psychology | Systemic diseases & Glaucoma Low Vision Aids & Geriatric Optometry | Contact Lens Dispensing | Optometry & Occupational Optometry
- Pediatric Optometry | Binocular Vision & Advances in Optometry Project | Clinics & Specialities
- Law & Optometry | Public Health Epidemiology & Biostatistics

Program Highlights

- Well-structured course aligned with Ministry of Health & Family Welfare (MOHW) and international standards
- Professional Development Engagement through Journal Clubs, Seminars, Webinars and MOOC courses
- Extension activities, Eye Camps, Radio talks
- Clinical training through supervised observerships and field visits
- Pre-clinical Internship with ASCO India
- One-year clinical Internship at Prominent eye care hospitals in the region
- Multi-disciplinary research



COLLABORATION WITH EYE HOSPITALS

We have strong collaboration with the best eye hospitals to provide opportunity for hands on clinical learning to our optometry students:
Sankara Eye Hospital | Dr. Agarwals | EYE Q | Grewal Eye Institute
PC Sharma Eye Hospital | Kapil Eye Hospital
Om Parkash Eye Hospital | Dr. Shroff's Charity Eye Hospital

CAREER OPTIONS IN OPTOMETRY

According to several reports every third blind person in the world lives in India, 75% of whom can be ascribed to preventive blindness (cataract, refractive error), underscoring the need for timely detection and treatment.

Whereas, India needs more than 40,000 Optometrists, the figure stands at below 10,000. Moreover, with most people over 40 (and even earlier) requiring glasses/lenses, a skilled & experienced Optometrist is always in demand.

With an increasing aged population and the growing incidence of Macular Degeneration and Diabetic Retinopathy, Optometrists are an integral part of the primary eye care.

Optometrists usually work in eye hospitals, clinics and opticians' outlets or with multinational vision care companies. After gaining experience in a private establishment or with a lens manufacturer, you can open your own practice. Flexibility in practice and myriad choices in geographic location are some of the many benefits of this profession.

Upon completion of the Bachelor of Optometry program, graduates are eligible for the following positions:

Vision Therapist | Behavioural Optometry Specialist | Neuro-optometric Rehabilitation Professional
Low Vision and Contact Lens Specialist | Academician | Researcher | Entrepreneur

CAMPUS RECRUITMENT

Some of the major campus recruiters for our Optometry students are:

PHYSIOTHERAPY PROGRAM

Physiotherapy is a health profession dedicated to maximising mobility and enhancing quality of life, playing a vital role in improving patient health, well-being and functional independence. Traditionally recognised for its contribution to musculoskeletal care, where rising cases of backaches, stiff shoulders, neck issues and knee osteoarthritis are linked to mechanisation and sedentary lifestyles, physiotherapy today encompasses a much wider scope.



5-Year Bachelor of Physiotherapy (BPT)

Our 5-Year clinically focused BPT program is designed in line with the National Commission for Allied and Healthcare Professions (NCAHP) standards, ensuring students meet the highest benchmarks of professional practice.

The curriculum blends academic knowledge with intensive clinical exposure, aligning with international physiotherapy standards and qualifies graduates to use the prefix "Dr." before their names.

Program Structure

The program structure includes a minimum of four years of academic study followed by one year of compulsory hospital internship. This rigorous training ensures that graduates are industry-ready from day one, equipped to serve as first-contact clinical practitioners with the right to independent practice.

The course is delivered by an experienced team of educators, clinicians and researchers, who bring both academic excellence and real-world expertise into the classroom and clinical settings. By adhering to NCAHP guidelines, our BPT program meets national regulatory standards and prepares students to excel in diverse healthcare environments in India and abroad.

Program Objectives

- **Assessment of Physical Dysfunction:** Detect and assess anatomical, pathophysiological and psychosomatic impairments that result in physical dysfunction across all age groups.
- **Medical and Surgical Understanding:** Understand investigative approaches to medical conditions and surgical interventions and plan physiotherapy measures in alignment with NCAHP standards.
- **Restoration of Independence:** Select appropriate strategies for cure and care, and adopt restorative and rehabilitative measures to maximise a client's independence at home, in the workplace and within the community.
- **Quality of Care and Client Motivation:** Uphold quality assurance in practice while motivating clients and their families to achieve desirable outcomes.

What Makes our BPT Program Stand Apart

- **State-of-the-Art Facilities:** Dedicated Physiotherapy OPD within the university, advanced labs and access to hospital-based training.
- **Clinical Collaborations:** Annual observerships and training through collaborations with leading hospitals, ensuring real-time exposure.
- **Chitkara Indigenous Internship Program (CIIP):** A signature initiative where students undergo structured internships within the university's own hospitals under expert supervision. This ensures consistent mentoring, guided clinical practice and hands-on patient care. Renowned experts from organisations such as Fortis, Medanta, Livasa and leading hospitals regularly conduct workshops and training sessions, providing students with world-class knowledge and diverse perspectives.
- **Innovative Modules:** Signature initiatives like Physiopreneur train students in entrepreneurship within physiotherapy, preparing them for leadership beyond clinical practice.
- **Student Leadership & Support:** A vibrant Student Council nurtures leadership qualities and personality development, while initiatives such as the Nervous System Support Group empower students to "win the daily wars of life."
- **Global Perspective:** Students are trained to understand the international scope of physiotherapy, including extended practice rights in countries like the UK and US, where physiotherapists may act as Extended Scope Practitioners with authority to prescribe medications or injectables after advanced training.

By integrating NCAHP standards with these distinctive features, our program ensures that graduates are not only industry-ready but also future-ready — equipped with clinical expertise, entrepreneurial vision and personal resilience.



Collaboration with Eye Hospitals

We have strong collaboration with the best eye hospitals to provide opportunity for hands on clinical learning to our optometry students:
Sankara Eye Hospital | Dr. Agarwals | EYE Q | Grewal Eye Institute
PC Sharma Eye Hospital | Kapil Eye Hospital
Om Parkash Eye Hospital | Dr. Shroff's Charity Eye Hospital

Career Options in Physiotherapy

Physiotherapists have diverse employment opportunities across various industries and firms. They can also establish their clinics and practice independently.

With the changing health conditions and lifestyle of the people, the requirement for physiotherapists has increased and will continue to in the near future as well.

The following sectors and industries offer ample employment opportunities for Physiotherapists:

Hospitals: Hospitals mainly hire physiotherapists to help treat the patients for different departments. The patients can be affected with orthopaedic problems, obstetric problems, rehabilitation process for cardiology patients, medical and surgical problems, etc. These professionals work in close contact with the different specialists and experts of the medical field.

Corporate Houses: Physiotherapists hired by the corporate houses work for the health and fitness of their employees. The physiotherapists organise workshops and exercise sessions for the employees and promote them to stay fit and fine, both mentally and physically.

Healthcare Centres: Physiotherapists of a healthcare centre work on the patients' wellness and fitness and focus on areas of improvement. They also guide patients with their dietary plans and supplements that will help in boosting their metabolism.

Private Clinics: A private clinic physiotherapist's work resembles that in a hospital, differing in patient volume and treatment specialties. Clinics usually focus on two or three specialties, while hospitals are known as multi-specialty institutions.

Universities: The physiotherapists are hired by the universities to teach students the healthy way of living. They are hired either as professors or trainers to guide students through the subject-matter. They teach technical and theoretical parts to the students so that the batch of new and well-trained physiotherapists are ready for the nation.

Rehabilitation Centres: As the name suggests, these centres work mainly on improving the lives of patients admitted there. A physiotherapist here will help and support the experts working on the patients. Different exercises, for both mind and body, are taught by the physiotherapists in a rehabilitation centre.

Orthopaedic Clinics: An orthopaedic clinic focuses on problems related to deformities of muscles or bones. The role of a physiotherapist here is to train the patients to come out of their deformities with regular exercises. The physiotherapists work under the orthopaedic doctors and provide sessions to their patients at the clinic or at home.

Sports and Fitness Centres: A physiotherapist at a sports and fitness centre works with the experts for the fitness of the clients. Maintaining the records of the clients and to evaluates which fitness program should be scheduled for a particular day.

Defence Establishments: At a defence academy or establishment, the role of the physiotherapist rotates from planning the exercise sessions to treating the injuries of the defence personnel.

Campus Recruitment

Some of the companies that regularly hire our Physiotherapy graduates are:



Building India's Next Generation of Psychologists

At Chitkara School of Psychology and Counselling, empirical research meets compassionate practice to shape confident, ethical professionals. Through immersive clinical exposure, contemporary labs and dedicated mentorship, we prepare students to decode complex human experiences, bridge critical mental health gaps and build resilient, empathetic communities in an evolving world.

4-Year Bachelor of Psychology (B.Psy)

Bachelor of Psychology (B.Psy) is a professional undergraduate healthcare program that focuses on understanding human behaviour, mental health and psychological well-being. Regulated under the National Commission for Allied and Healthcare Professions (NCAHP) Act, 2021, the program combines scientific knowledge with competency-based training to prepare students for diverse roles in behavioural health and allied healthcare settings. Integrating classroom learning with practical exposure, the program offers training through laboratory work, field experiences, internships, community engagement and supervised practice. Students develop competencies in psychological assessment, mental health promotion, behavioural interventions and evidence-based practice, enabling them to function effectively within multi-disciplinary healthcare and allied health settings.

Drawing upon insights from psychology, behavioural sciences, biological sciences and social sciences, the program offers a rich and multidimensional understanding of human behaviour and well-being.
By embracing this holistic perspective, the curriculum enables learners to understand mental health and behavioural challenges not as isolated phenomena, but as outcomes of complex and interconnected influences.
Bachelor of Psychology (B.Psy) places emphasis on professional competence and real-world application.
The program equips students with practical skills and attributes needed to thrive in contemporary behavioural health settings. Through learning experiences, students develop key competencies such as communication, ethical decision-making, empathy, behavioural assessment, psychoeducation, critical thinking and interdisciplinary collaboration.

Program Structure

Core Courses:

The core curriculum builds a strong foundation in psychological theory and human behaviour, covering general, cognitive, developmental, social, health and abnormal psychology, alongside the biological and evolutionary bases of behaviour, personality theories, neuropsychology, experimental psychology, rehabilitation psychology, applied behavioural analysis and organisational development.

The counselling component explores counselling psychology, psychotherapy, school psychology and positive psychology, along with career counselling in the Indian context, crisis intervention, psychological resilience and psychological first aid.

Students also develop listening, observation & report-writing skills. Social and community psychology introduce students to inclusiveness and diversity in the Indian context, in addition to community-based care and behavioural health.

Practical training in psychological assessment, testing and observation, together with internships, supports the application of theoretical knowledge. Research methodology, statistics, data analysis, critical thinking, fieldwork and a dissertation further strengthen students' research and analytical skills.

Value-Added Courses:

Students explore behavioural and mental health policy frameworks, global perspectives on psychology, psychological experiments across the world and applications of Indian psychology. The curriculum also covers human and professional values and ethics, communicative English and understanding the self and others.

Skill-Based Courses:

Students learn about artificial intelligence in psychology, cyberpsychology, cyber hygiene and digital safety. E-portfolio development, interview preparation and placement-related training support professional readiness.

Specialisations in 4-Year Bachelor of Psychology (B.Psy)

The program offers the following specialisations, enabling students to explore focused areas of psychology in line with their interests and career aspirations:

- School Psychology
- Military Psychology
- Forensic Psychology
- Neuropsychology
- Sports Psychology
- Investigative Psychology
- Cyber Psychology
- Child and Adolescent Behavioural and Mental Health
- Organisational Behaviour and Industrial Psychology



4-Year Bachelor in Clinical Psychology is a specialised undergraduate program that focuses on the assessment, diagnosis, and treatment of mental health disorders. Graduates can work in hospitals, mental health clinics, rehabilitation centres, schools, and corporate settings or pursue higher studies for advanced career options. With the rising awareness of mental health, there is an increasing demand for psychologists, counsellors, and mental health professionals in India and globally.

4-Year
Bachelor in Clinical Psychology (B. Clin. Psy.)
Approved by the Rehabilitation Council of India - RCI

This program combines the theoretical foundations of psychology with clinical knowledge, practical learning, research and community engagement. Aligned with the curriculum framework of the Rehabilitation Council of India (RCI) under the National Education Policy (NEP), the program introduces students to human behaviour, psychological processes, mental health conditions and the principles of clinical psychology. The learning journey progresses from foundational psychological concepts to an understanding of psychopathology, psychological assessment and supervised clinical practice.

Classroom teaching is complemented by laboratory practicals, community-based learning, research and clinical exposure, with an emphasis on ethical practice, professional responsibility and working under appropriate supervision. The qualification forms part of a tiered approach to clinical psychology services, preparing graduates for defined frontline mental health responsibilities within the applicable professional and regulatory framework.

Program Highlights

- **Comprehensive Psychological Foundations:** Develop anunderstanding of human behaviour, cognition, emotion, personality and psychological processes across the lifespan.
- **Mental Health Promotion:** Explore mental health awareness, prevention, early identification, psychoeducation and appropriate referral.
- **Practical Learning:** Gain exposure to psychology experiments, psychological assessment fundamentals, psychometric tools and applied research.
- **Community Engagement:** Understand mental health needs across diverse populations and community settings through fieldwork and surveys.
- **Supervised Clinical Exposure:** Develop an understanding of clinical settings, case documentation and mental health support practices under qualified professional supervision.
- **Research Orientation:** Build skills in research methodology, statistics, data interpretation and academic inquiry.
- **Professional and Ethical Development:** Strengthen communication, empathy, ethical awareness and an understanding of professional boundaries.
- **Integrated Training:** Connect classroom learning with practical exercises, prescribed internship requirements, supervised case work and a dissertation.

Program Structure

The curriculum progresses from psychological foundations to mental health, clinical applications and supervised practice. Students explore cognition, behaviour, personality, human development, social interactions and psychological wellbeing. Advanced learning covers psychopathology, psychological testing, assessment, research methods, statistics, diagnostic systems, psychological first aid and rehabilitation. Laboratory practicals, community surveys, field exposure and clinical training connect theory with practice. Clinical interviewing, mental status examinations, supervised casework, internships and a dissertation help students develop practical skills while understanding ethical responsibilities and professional standards.

Some of the courses included are:

Fundamentals of Psychology | Social Psychology
Systems & Theories of Psychology | Health Psychology
Community Psychology | Educational Psychology
Behavioural and Communication Skills | Statistics
Theories of Personality | Lifespan Development
Positive Psychology | Psychological Assessment
Psychometric Test and Scale Development
Research Methodology | Psychopathology
Psychological Testing | Psychological First Aid
Clinical Assessment: Interviewing, Mental Status Examination and Case History | Diagnostic Systems
Clinical Psychology | Rehabilitation Psychology
Ethical Practices in Mental Health



Chitkara University's M.Sc Psychology program is dedicated to nurturing skilled, ethical and empathetic professionals ready to make a meaningful impact. With a curriculum reflecting current industry trends, practical exposure through internships and a strong focus on holistic growth, the program empowers students to shape successful, purpose-driven careers in the ever-evolving field of Psychology.

2-Year M.Sc Psychology

M.Sc Psychology provides a comprehensive understanding of the diverse dimensions of Psychology, aligning with the needs of the mental health landscape across the globe. By adhering to the 'scientist-practitioner' model, the program promotes a science-based approach, ensuring that graduates are well-equipped for roles in academic, medical and applied settings. Throughout the program, students explore contemporary psychological concepts and practical approaches, gaining insights into mental health concerns that affect both adults and children. They develop a broad understanding of various fields such as counselling, organisational, health and educational psychology. Foundational skills in interviewing, observation and psychometric assessment are built early on, alongside a strong grounding in research design, ethics and data interpretation. The program concludes with a dissertation, giving students the opportunity to apply their learning to real-world issues.

A key highlight of the M.Sc Psychology program is its excellent faculty-to-student ratio, which nurtures a collaborative and supportive learning environment. Students receive close mentorship from licensed and experienced professionals throughout their academic journey. The program also offers extensive hands-on exposure through internships, on-campus simulated trainings and access to advanced psychology laboratories. These experiences enable students to apply their theoretical knowledge in practical settings and develop the confidence to work with diverse populations. With a curriculum reflecting current industry trends, practical exposure through internships and a strong focus on holistic growth, the program empowers students to shape successful, purpose-driven careers in the field of psychology. By the end of the program, graduates are well-prepared to build rewarding careers in clinical, counselling, organisational, school and research settings.

Program Overview

Our M.Sc Psychology program offers an enriching learning experience that integrates advanced theoretical study with intensive hands-on training. This two-year program is meticulously designed to prepare students for the complexities of professional practice in psychology, equipping them with a bio-psycho-social perspective that emphasises a scientific, evidence-based approach to mental health.

Through a combination of coursework, supervision and research opportunities, students gain robust expertise in core areas like assessment, evaluation, intervention and consultation, ensuring they are ready for diverse career paths in clinical, academic and applied settings.

In addition to coursework, the program provides an option to undertake a dissertation, offering students an opportunity to develop research skills crucial for those aspiring to pursue doctoral programs. The training model is grounded in Chitkara University's commitment to developing skilled practitioners and researchers who can apply their knowledge in real-world settings with competence.

The program's emphasis on interpersonal skills, combined with exposure to current practices, prepares graduates for impactful careers in both mental health and community-based environments, addressing a growing demand for trained mental health professionals across India.

The 2-year M.Sc Psychology program is designed to accelerate your career in professional practice and establish you as a leader in Psychology, Counselling and related fields.

Some of the courses taught in M.Sc Psychology

- Health Psychology
- Psychological Process
- Psychopathology
- Statistical Method for Psychological Research
- Counselling Skills, Reflection & Practice
- Lifespan Development
- Advanced Cognitive Psychology
- Psychotherapy
- Organisational Behaviour

Career Opportunities in Psychology & Counselling

The demand for Psychology graduates is expanding rapidly, with career opportunities extending far beyond traditional clinical roles. In India, the need for mental health professionals is on the rise, and with limited professionals in the field, the job market for psychology graduates is vast.

The Indian Council of Medical Research (ICMR) highlights that there's currently only one psychologist for every 1.3 million people, indicating a significant gap in mental health service availability. This scarcity translates into ample career potential across clinical, organisational, forensic, and rehabilitation psychology, as graduates find themselves equipped to meet this growing need in various sectors.

Psychology graduates from Chitkara School of Psychology and Counselling are skilled in interpersonal, analytical and research abilities and are ready for diverse fields like healthcare, education, consulting and social services. Roles such as organisational and sports psychologists are increasingly vital, enhancing leadership and mental resilience in society.

Our graduates are equipped to explore a diverse range of career paths, finding opportunities in hospitals, clinics, research institutes, educational institutions, government organisations, and corporate settings. These professionals are increasingly valued in human-centric fields, as businesses, schools, and healthcare facilities alike recognise the importance of psychological insights in fostering growth and well-being.

Our unique emphasis on hands-on training ensures that graduates not only thrive in roles directly related to Psychology but are also valued in fields like human resources, market research and organisational development. Many also pursue higher studies, including doctoral programs, to specialise in areas such as Neuropsychology, Forensic Psychology or Educational Psychology.

Potential Career Pathways

Counselling Psychologist | Organisational Psychologist | Forensic Psychologist | Educational Psychologist
Health Psychologist | Sports Psychologist | Market Researcher or Consumer Psychologist | Career Counsellor
Human Resources Specialist | Academic Psychologist

Campus Recruitment

Some of the companies that regularly hire our Psychology graduates are:

ADITYA BIRLA GROUP | amaha YOUR MENTAL HEALTH PARTNER | CHITKARA INTERNATIONAL SCHOOL | Deloitte. | Fortis
GEMS EDUCATION | JSW Sports | Manastha | MAX Healthcare | medanta
mind plus | Reliance industries limited | TATA | The Happy Tree | unicef



PHARMACY
PHARMACOVIGILANCE
ALLIED HEALTHCARE
NUTRITION
NURSING
OPTOMETRY
PHYSIOTHERAPY
PSYCHOLOGY

CHITKARA UNIVERSITY

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GA/NOV/26