

Academic Year 2019

EXPLORE

your
potential

Information Brochure

Hospitality | Culinary | Business
Pharmacy | Health Sciences
Mass Communication | Education | Agriculture



CHITKARA
UNIVERSITY



CHITKARA
UNIVERSITY



**STRONG ACADEMIC
HERITAGE**



**CHANDIGARH
CITY BEAUTIFUL**



**LEARN FROM
THE BEST MINDS**



**INDUSTRY BACKED
CURRICULUM**



**LEARNING
BY DOING**

EXPLORE



**WHERE
LEADERS ARE MADE**



**GET A CAREER
HEAD START**



**THE WORLD IS
YOUR CAMPUS**



**HOME AWAY
FROM HOME**



**LEARN,
PLAY, LIVE**

Whether you want to broaden your mind, advance your career, increase your knowledge, travel the globe or change the world, **CHITKARA UNIVERSITY** can provide you with the opportunity and real life skills to do it.

CHITKARA UNIVERSITY



ENGINEERING & TECHNOLOGY



ARCHITECTURE & DESIGN



HOSPITALITY & CULINARY



PHARMACEUTICAL SCIENCES



MASS COMMUNICATION

YOUR POTENTIAL



BUSINESS MANAGEMENT



SALES & RETAIL MARKETING



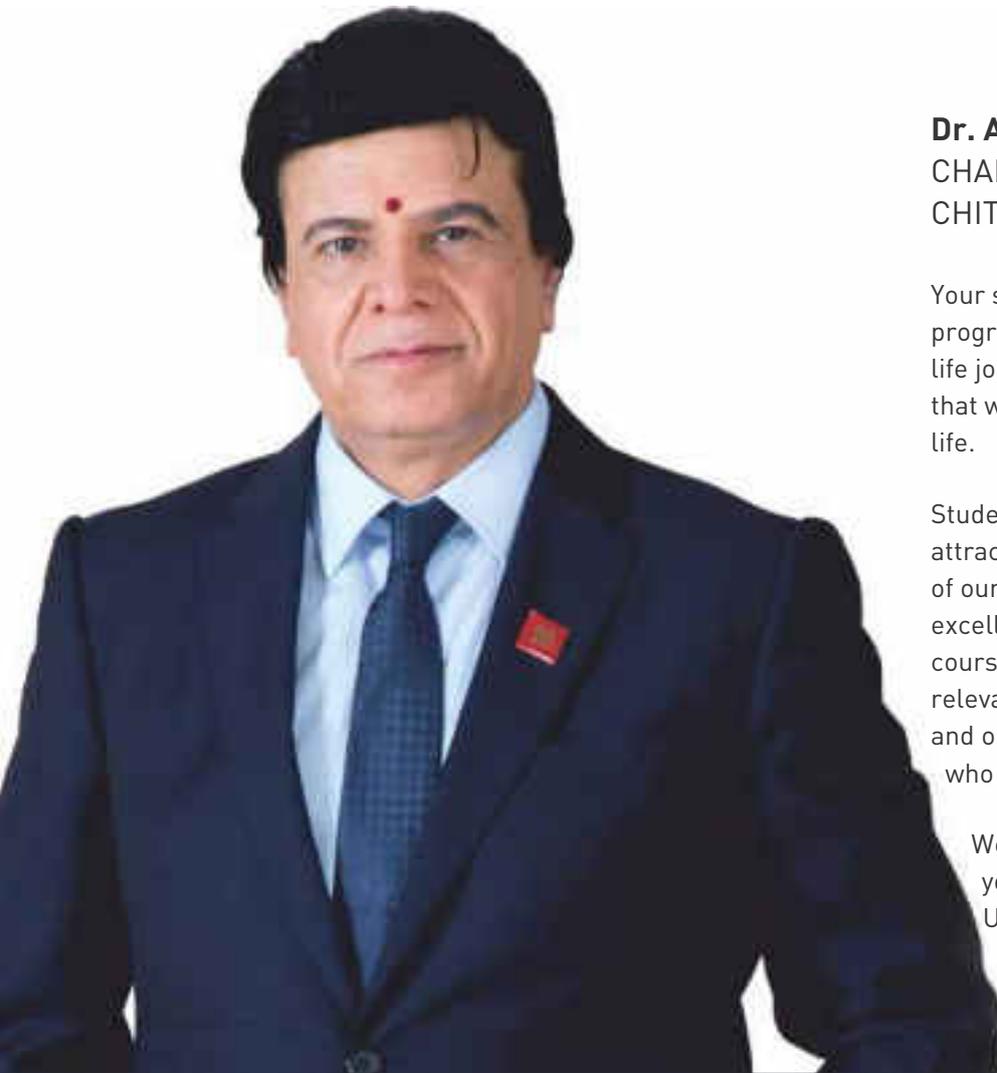
HEALTH SCIENCES



EDUCAION



AGRICULTURE



Dr. ASHOK CHITKARA
CHANCELLOR
CHITKARA UNIVERSITY

Your selection of a University, and a study program starts an exciting phase of your life journey. You embark upon a journey that will lead to building your careers and life.

Students from around the country are attracted to Chitkara University because of our commitment to teaching excellence, focus on research, tailored courses that makes our education relevant to changing career dynamics and our formidable industry partnerships who believe in our academic excellence.

We look forward to welcoming you to your bright future at Chitkara University.

**STRONG
ACADEMIC
HERITAGE**

Dr. MADHU CHITKARA
PRO CHANCELLOR
CHITKARA UNIVERSITY

Chitkara Education brings with it a reputation that has been earned through years of serving the career-needs of the student community. At Chitkara, we have a single minded obsession to deliver consistent academic quality that will impart the necessary skill sets to our graduates.

There are many reasons to choose Chitkara University including a great infrastructure, accomplished faculty, international partnerships etc. but it is the focus on academic rigour and critical thinking that has kept us and our students ahead of the curve. Our alums have demonstrated their learning skills acquired at the University and have made us proud, something that fuels each one of us at Chitkara to produce the next well equipped workforce, year after year.



“The learning environment at **CHITKARA UNIVERSITY** represents a unique blend of distinguished faculty, brilliant and intellectual students with a proactive collaboration with industry.”



WELCOME TO CHITKARA UNIVERSITY PUNJAB

CONSTITUENT INSTITUTIONS OF CHITKARA UNIVERSITY (PUNJAB) ARE:

CHITKARA UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY

- 4-Year Bachelor of Engineering (B.E.) in
 - Computer Science Engineering
 - Electronics & Communication Engineering
 - Electronics & Computer Science Engineering
 - Electrical Engineering
 - Mechanical Engineering
 - Mechatronics
 - Civil Engineering
 - Fire & Safety
- M.E. (Fellowship) Programs in
 - Computer Science & Engineering
 - Electronics & Communication Engineering
 - Mechanical Engineering
- 2-Year MCA (Lateral Entry)
- 3-Year BCA
- 5-Year Integrated BCA-MCA

CHITKARA SCHOOL OF APPLIED ENGINEERING

- 3-Year Diploma programs in
 - Civil / Electrical / Mechanical
- Lateral Entry Programs in
 - B.E. (Civil / Electrical / Mechanical)

CHITKARA SCHOOL OF PLANNING & ARCHITECTURE

- 5-Year B. Architecture

CHITKARA SCHOOL OF BASIC & APPLIED SCIENCES

- 4-Year B. Sc Agriculture

CHITKARA BUSINESS SCHOOL

- 2-Year Management Program (MBA) in
 - Marketing
 - Banking & Finance
 - Business Analytics
 - Financial Markets Practice with BSE Institute
 - Healthcare Management with Fortis Healthcare
 - Healthcare Management (Specialisation in Health Information Technology) with Frost & Sullivan
 - Human Resource with ManpowerGroup
 - Supply Chain Management with Safeducate
- 2-Year M.Sc in Actuarial Science & Analytics
- 3-Year Bachelor of Commerce (B.Com)
- 3-Year B.Com (International Finance & Accounting in Collaboration with ACCA, UK)
- 3-Year B.Com (International Finance & Accounting in Collaboration with IMA, USA)
- 3-Year Bachelor of Business Administration (BBA)



Chitkara Educational Trust established its Punjab campus in the year 2002 on the Chandigarh-Patiala national highway which is 30kms from Chandigarh. In the year 2010, Chitkara University was established by the Punjab State Legislature under the Chitkara University Act. Chitkara University is a government recognized University with the right to confer degrees as per the sections 2(f) and 22(1) of the UGC Act, 1956. Chitkara University Punjab is a multi-disciplinary student centric campus, with more than 10,000 students.

CHITKARA COLLEGE OF SALES & MARKETING

- 2-Year MBA (Sales & Retail Marketing)
- 2-Year MBA (Pharma Management)
- 2-Year MBA (Banking, Financial Services and Insurance)

CHITKARA COLLEGE OF HOSPITALITY

- 3-Year B. Sc Hospitality Administration
- 3-Year B. Sc in Culinary Arts
- 3-Year B. Sc in Culinary Arts with specialisation in Bakery & Pastry Art Management

CHITKARA COLLEGE OF PHARMACY

- 6-Year Pharm. D.
- 3-Year Pharm D (Post-Baccalaureate)
- 4-Year B. Pharm. | 2-Year B. Pharm. (Practice)
- 2-Year M. Pharm. (Pharmaceutics/ Pharmacology/ Clinical Research & Clinical Pharmacology)

CHITKARA SCHOOL OF MASS COMMUNICATION

- 3-Year BA in Journalism & Mass Communication
- 2-Year MA in Journalism & Mass Communication

CHITKARA SCHOOL OF HEALTH SCIENCES

- 4-Year B. Sc Nursing
- 2-Year Post Basic B. Sc Nursing
- 3-Year B. Sc (Allied Healthcare)
- 4-Year B. Optometry | 2-Year M. Optometry
- 4.5-Year Bachelor of Physiotherapy (BPT)
- 2-Year Master of Physiotherapy(MPT)

CHITKARA COLLEGE OF EDUCATION

- B. Ed.

CHITKARA SCHOOL OF ART & DESIGN

- 4-Year BFA in Applied Art
- 3-Year B. Sc / 4-Year B.Des in Animation
- 4-Year B. Des in Interior Design
- 2-Year M. Des in UX Design



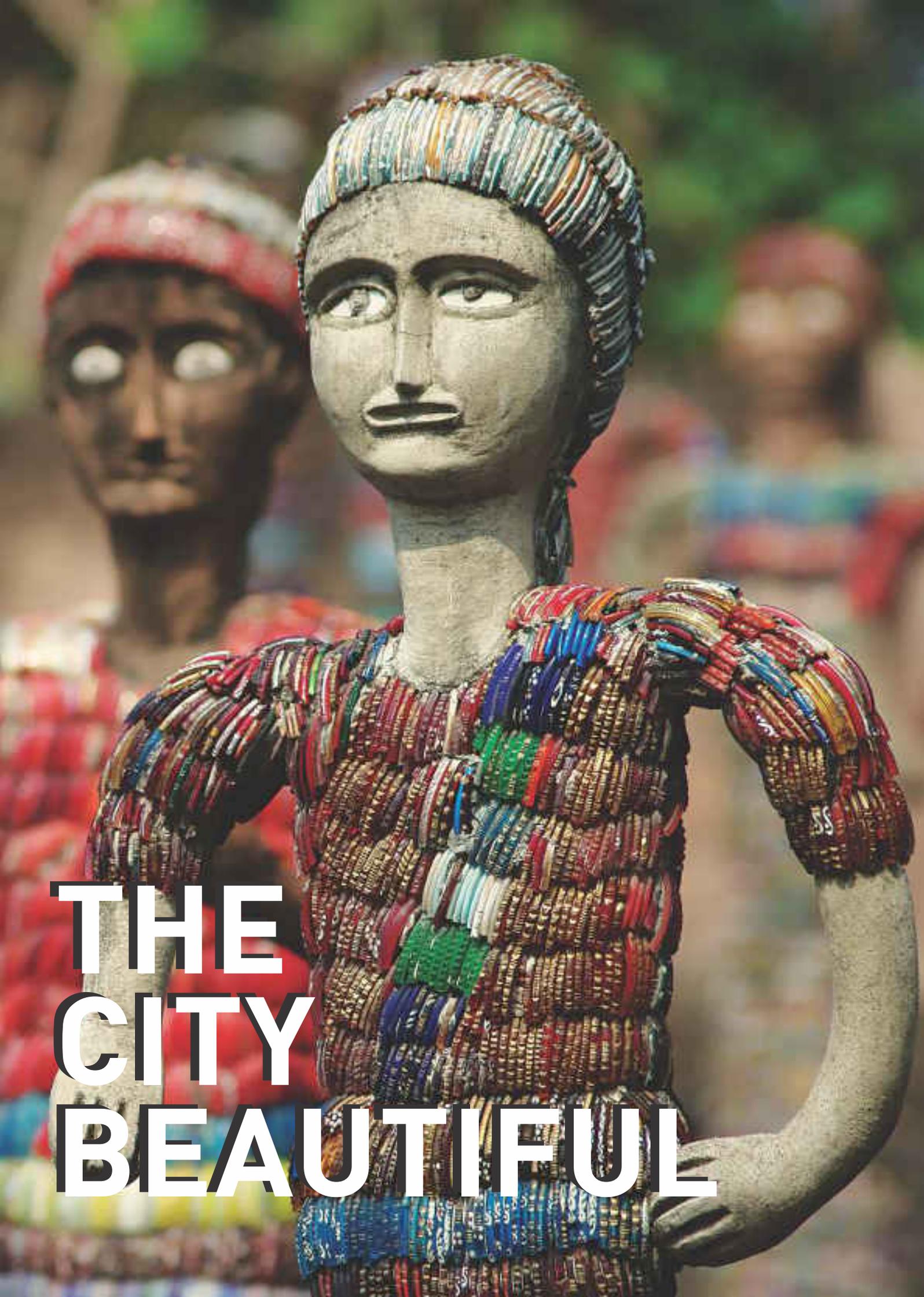
WELCOME TO CHITKARA UNIVERSITY HIMACHAL PRADESH

Chitkara University was established in the year 2008 by the Himachal Pradesh State Legislature under the "Chitkara University Act". Chitkara University is a government recognized University with the right to confer degrees as per the sections 2f and 22(1) of the UGC Act, 1956 and is included in the list of universities maintained by the University Grants Commission. Our 17 acres campus located at Atal Shiksha Kunj in Barotiwala is 32 kms from Chandigarh and 12 kms from Pinjore. It currently has more than 4000 full time students and over 300 faculty.

FOR THE ACADEMIC YEAR 2019, CHITKARA UNIVERSITY HIMACHAL PRADESH IS OFFERING THE FOLLOWING PROGRAMS:

- **4-Year Bachelor of Engineering (B.E.) Programs in**
 - Computer Science Engineering
 - Electronics & Communication Engineering
 - Electronics & Computer Science Engineering
 - Civil Engineering
- **Master of Engineering (M.E.) Fellowship Program in Civil Engineering**
- **3-Year Bachelor in Computer Application (BCA)**
- **5-Year BCA-MCA Integrated**
- **3-Year B.Sc in Hospitality Administration**





**THE
CITY
BEAUTIFUL**

CHANDIGARH

A million people; infinite possibilities

Located in the foothills of the Shivalik mountain ranges, Chandigarh is India's best planned city, with world renowned architecture and an unparalleled quality of life. The face of modern India, Chandigarh, is the manifestation of a dream that Pt. Jawahar Lal Nehru envisaged and Le Corbusier executed.

Chandigarh was the first planned city in India post independence in 1947 and is known internationally for its architecture and urban design. The city has projects designed by architects such as Le Corbusier, Pierre Jeanneret, Jane Drew and Maxwell Fry. It is an urban showpiece - where plants and trees are as much a part of construction plans as the roads and buildings.

Chandigarh and its surrounding areas, namely Mohali and Panchkula are on their way to become the north Indian hubs for IT industry with major presence of companies such as Infosys Technologies, Dell, Tech Mahindra, Quark and Wipro. Chandigarh is also home to several regional offices for major multinational banks, retail establishments and real estate corporations.

With its world class infrastructure and highest per capita income Chandigarh is fast emerging as the entrepreneurship hub of the country. Chandigarh is also attracting the service industry, education,

health, food processing and a host of other companies who view it as their regional center for all north Indian states namely Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab and Haryana.

- Chandigarh is a city that comes under eTimes' 15 best Asian spots. eTimes magazine has dubbed Chandigarh as 'the thinking man's city' amidst a continent of mindless growth
- In major surveys, Chandigarh beats Bangalore, Chennai & Hyderabad in the overall ranking of India's best cities for doing business.
- A confederation of Indian Industries (CII) commissioned study has ranked Chandigarh as the overall third best city for doing business among 35 cities with an urban population exceeding population of one million.

With easy connectivity to major cities across India by flight as well as rail Chandigarh serves as the gateway to northern India. There are also direct flights to connect with the rest of the country mainly Mumbai, Delhi and Bangalore. Indian rail network connects this city to various Indian cities chiefly Delhi, Shimla, Lucknow, Jaipur, Mumbai, Goa and Kerala.

Chitkara is more than just a University

From the minute you step
on our campuses, you
become a part of an
innovative, passionate,
and motivated community
that is dedicated to
helping you achieve your
dreams

YOUR DEFINING EXPERIENCE



**OPEN YOUR MIND
TO NEW
OPPORTUNITIES**

Chitkara University has been founded by **Dr. Ashok Chitkara** and **Dr. Madhu Chitkara** who have been passionate teachers for more than 40 years now.

Since the inception of the University, Chitkara University has been **different**. Our students have been different. So are our faculty, our academic strengths and our outlook on **teaching** and **learning**.

The unique difference being that Chitkara University has been established by and managed by **passionate** academicians with the sole mission of making each and every student **"Industry ready"**.

This difference has been acknowledged by students, parents, alumni, Government and Industry since the inception of the University. Within a decade, most of our academic programs are ranked among the **top 50** programs in the country which speaks volumes about our **strong** academic heritage, highly committed **faculty**, extensive Industry collaborations, great international connections and state of the art campus facilities.

JOIN CHITKARA UNIVERSITY TO
EXPLORE **YOUR** POTENTIAL !!

WHY CHITKARA UNIVERSITY

Chitkara University is different. Our students are different. So are our faculty, our academic strengths and our outlook on business. Within a short span of time Chitkara University has emerged as one of the top private Universities of the country.

Educational programs at Chitkara University aim even higher and go beyond the traditional approach of imparting an analytic framework to solving problems.

Our programs enable you to find the route to success at the intersection of theory and practice, discover and implement innovative solutions to real-world problems. The main focus of educational programs at Chitkara University is to make each and every graduate industry ready and exposed to latest trends.

Chitkara University views the world-and the traditional educational programs differently. Our strengths include topics that will matter in the next global economy.

A Rigorous, Flexible Curriculum

Chitkara University has established an unassailable reputation for strong on-campus recruitments on the sheer virtue of our intensive focus on making all our graduates "industry ready". Our students have gained employment in diverse professional roles and areas across the globe. From managing hotels to discovering new drugs to helping patients in hospital to analyzing the stock market, your Chitkara University degree can lead to varied and rewarding career paths.

Excellent Campus Placements is the Hallmark of our Programs

You will also learn from experienced teaching staff and be exposed to some of the industry's top employers through opportunities such as field trips, internships, real-life scenarios and practical assignments, guest lectures from industry professionals and networking events.

Passionate Scholars & Teachers

Chitkara University curriculum is based on the framework of strategic competitiveness, which teaches the concepts of creativity, entrepreneurship, innovation, sustainability, leadership and incisive decision making. You will learn how to compete and create transformative change in your profession.

Learning By Doing



RANKED AS ONE OF THE CLEANEST UNIVERSITIES OF INDIA

CHITKARA UNIVERSITY, COUNTED AMONG THE TOP 3 UNIVERSITIES OF INDIA IN THE 'SWACHHTA' RANKING 2017

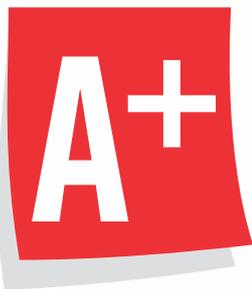


Chitkara University has been declared as one of the cleanest universities in the country. Around 3500 institutions participated in the "**Swachhta**" Rankings 2017 launched by the **Ministry of Human Resource Development of India**.

After the scrutiny of each institution by the MHRD, Chitkara University was **adjudged as third in the ranking**. A national level award function was organised at Hotel Ashok, New Delhi where Union HRD Minister Shri Prakash Javadekar felicitated the winners.



CHOOSE YOUR PATH. EMBRACE YOUR POTENTIAL.



COUNTED AMONG THE BEST

Chitkara University's reputation for innovative teaching, strong industry links and highly employable graduates continues to set us apart from other Indian Universities.

FEEL AT HOME

Immaterial of any stream of education you pursue with ChitkaraU, we ensure that you feel right at home and have an access to all, perhaps even more comforts so that you stay focussed on your education and the learning outcomes. Chitkara University provides a specially safe and serene setting for your education with pleasant residential facilities in a beautiful campus that supports all of your needs. Our campus is alive 24 x 7 with food courts, fully equipped gym, badminton and tennis courts, basket ball and volleyball courts, library and all you can imagine and seek from the best of national or international campus.

At Chitkara University, Education is not only 'State-of-the-art' but truly 'State-of-the-heart'. Everything we do is entirely focussed on student comfort and their success.

Come and feel our passion by investing in your future with us.



DEVOTED TO YOU

Any decent road map to success requires that you know where you are going ñ and also where you have been. The third element is momentum.

In accordance with the Chitkara philosophy, we allocate more and more resources to excellence in teaching and learning. The entire approach at Chitkara University is learning-centric, enhancing knowledge, skills and understanding through practical experience.

Today, we have impressive International collaboration agreements with top International Universities and research institutions that supports us to train Chitkara students for the new global economy.

We strongly believe that we are creating the right kind of future for the professionals of tomorrow whom we are educating today. Our Education is always supported by the exceptional research that we conduct.

INDUSTRY-LED COURSES

Chitkara University offers a real life learning experience that improves your employment prospects. We maintain close links with some leading blue-chip companies and professional associations to deliver most of our academic programs. Through these alliances, we stay in touch with the changing dynamics of the industry, ensuring our courses remain relevant and practical.

Strong corporate relationships also have a direct influence on our degree programs and have resulted in our iindustry facingî curricula.

STRONG CAMPUS RECRUITMENT

Chitkara University has established an unassailable reputation for a strong campus recruitment on the back of our intensive focus on making all our graduates iindustry readyî.

START ME UP

The combination of business and technology in their studies gives our students unique opportunities to build their future careers, be it through top-class companies or capitalizing on their own innovations in order to create new businesses. We have strong start up incubator culture where we invest in technology and infrastructure to encourage our students to innovate, create and test their ideas.

THINK OF CHITKARA AS YOUR OWN LAUNCH PAD TO ENTREPRENEURSHIP



YOU COUNT WITH US.

What defines you? Chitkara believe its YOU.

And you are exactly what we invest in. You, and your interests, your talents, your goals. Chitkara Business School is where the YOU that you envision becomes a possible reality. It's where you get the instruction and the inspiration you need to chart your course, create your path, and define yourself.

Chitkara is defined by its people.

Be it informal or informal interactions, the faculty and other staff support your dreams and works together to make them possible. We selectively hand pick most accomplished workforce that demonstrate a similar passion and commitment in executing our passion to deliver consistent academic excellence.

LEARN THE CHITKARA WAY

One-on-one discussions with the professors make the classes interesting and interactive. The faculty is helpful and approachable at all times—even for the slightest of the doubts. We have a lot of group projects and presentations which help students in team-building, understanding and bonding with classmates.



GRADUATE WITH A HOLISTIC SKILL SET

Our holistic educational approach is designed with an intensive focus to equip you with a total skill set comprising hard knowledge skills, soft people skills and 'heart' skills. You will be equipped with both depth and breadth of knowledge. You will be transformed into a well-rounded individual, and become a valuable asset to your future employer and society at large.



Hard Knowledge Skills
(specific to your chosen track of study)

+



Soft people skills
(analytical thinking, problem solving, communication, presentation, leadership and team-building)

+



'Heart skills'
(ethical and social responsibility)

LEARN FROM THE BEST MINDS

Tradition of Teaching Excellence

Chitkara University faculty members are explorers and discoverers, seeking new ideas and insights at the frontiers of knowledge. They are internationally recognized leaders in the study of the economic, social, political, and technological forces shaping the world today.

The faculty at Chitkara University includes people from core academics having vast experience in academics and industry. Among our talented faculty, you meet academic scholars with doctorate degrees, experts from Industry and authors of important texts in all fields. Our faculty enjoys a good reputation and strong relations with leading industrial houses in terms of consultancy and research work.

Chitkara University faculty members play an active role in national and international business & research communities, serving as consultants, board members, and speakers at major conferences and seminars.

With serious students and talented teachers, you will become a stakeholder in pursuit of purposeful learning and experience. Faculty at Chitkara University is striving hard to impart best of professional experience to students through its fast growing & challenging academic environment.





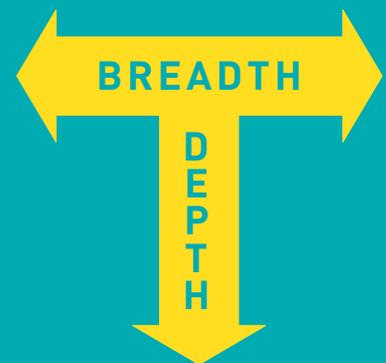
A RIGOROUS, FLEXIBLE CURRICULUM

PREPARES YOU FOR EVERY KIND OF LEADERSHIP CHALLENGE

Hands-on and interactive learning means classes are never dull. Theories are brought to life, and you learn by experiencing them.

Classes incorporate activities, such as simulations and problem sets conducted in format of mini lectures, video lecturettes, small group recitations, hands-on demos, designettes and concept quizzes to cement the understanding of different concepts in a subject.

The interactive session foster collaborative learning and you will enjoy and better understand concepts that are traditionally viewed as difficult. Real-life examples are demonstrated regularly.



FOUNDATION COURSES	UNIVERSITY CORE	GLOBAL STUDIES	SPECIALISATION
TECHNOLOGY STUDIES	ENTREPRENEURSHIP STUDIES	MODES OF THINKING	GENERAL EDUCATION

OUR PEDAGOGY

Our degree programs prepare students for the real world and offer the opportunity for practical, hands-on experience, internships and projects. Take advantage of this experience to gain the practical skills employers are looking for and open your mind to career opportunities. Academics at Chitkara University keep pace with workplace demands and ensures that students are work ready and in touch with what is expected in a professional environment.

Academic Excellence

Our academic programs enjoy a great reputation in the industry. To maintain our leadership position, we focus on inducting the best faculty from across the industry and academia. Our faculty is known for its strong academic orientation contributing to the creation of knowledge in a dynamic, ever changing environment. Classes are built around experiential learning where students are pushed to their limits to take conceptual framework and apply them. Teaching methods include lectures and tutorials that emphasize a learning-centric approach and application of knowledge. Faculty brings their broad based experience into the classroom to enrich the learning process and to ensure that coursework reflects current industry practices.

Problem Based Learning (PBL)

Some of our courses are being taught using the PBL approach where students apply their knowledge to solve problems they may encounter in a professional context and in doing so, extend their experience beyond their text books. Elements of the work situation are brought into the classroom by the PBL approach. Students undertake a series of tasks that bring industry problems into the academic environment.

Applied & Project Based Learning

Applied learning is a hallmark of all teaching at Chitkara University. We believe that the best way to learn is by doing and that's why we emphasize a hands-on approach. We lay stress on project based learning. Thus, the need for independent thinking and creativity is encouraged among students resulting in interesting and novel projects. Further, a significant increase in the open category credits enables students to have a broad base and pursue interests and adopt a multi-disciplinary approach.

Specialisation Options

In every program, further specialisation and electives are offered in the last year of the study. To help a student in this task, various tracks have been identified through our curriculum geared towards a variety of specialisations. Our goal is to prepare students for a satisfying career in Engineering. Following a particular curricular track will equip a student with the skills needed for progressing further in the chosen career.

Faculty

Chitkara University boasts of strong faculty with Masters and Doctorate degrees in different specialisations with appropriate academic and research blend of mind. The entire faculty has been drawn from leading academic institutions and corporations from across the country with years of teaching and research experience. Our faculty enjoys a good reputation and strong relations with leading industrial houses in terms of consultancy and research work. Our faculty not only focuses on conceptual understanding of various academic concepts but also gives first hand experience to all students through role plays, experiential exercises, industrial visits and classroom lectures.

Guest Lectures

Guest lectures are regularly organised by eminent industry experts, entrepreneurs and HR managers from large and medium sized companies to give information to students on latest trends and happenings.



**WHERE
LEADERS
ARE MADE**



COMMUNICATION SKILLS

ATTITUDE, COMMUNICATION AND KNOWLEDGE ARE THREE ESSENTIALS FOR STUDENTS TO SUCCEED IN THEIR LIVES. WE EMPHASIZE MORE ON THESE THREE ASPECTS THOROUGHLY TO MAKE OUR STUDENTS COMPETENT AND CAPABLE PROFESSIONALS.

We provide specially designed training program to the students in order to improve their employability skills and to prepare them to face the interview boards more effectively. The objective of this program is to provide the students with an integrated module of personality enhancement emphasizing those areas which are essential for the overall growth and development of a confident and well groomed professional.

In a recent survey of recruiters from companies with more than 50,000 employees, communication skills were cited as the single most important decisive factor in choosing employees. The survey points out that communication skills, including written and oral presentations and an ability to work with others are the main factors contributing to job success.

At Chitkara University, our qualified in-house trainers for communication skills provide language training where students learn to speak and communicate effectively. Sufficient opportunities are provided to our students to master their language skills through group discussions and presentations.

LIBRARY FACILITIES

Library services at Chitkara University are the cornerstone of our education system. The mission of our library services is to facilitate creation of new knowledge through acquisition, organisation and dissemination of knowledge resources.

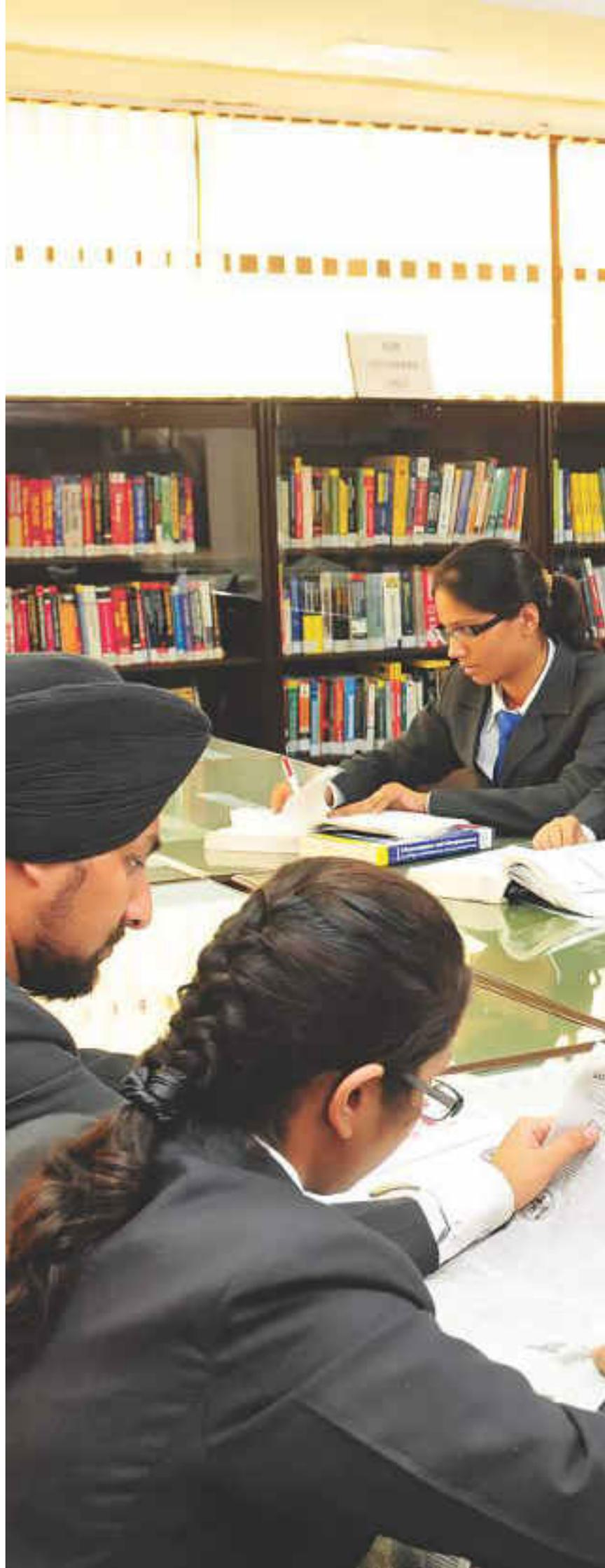
The libraries at Chitkara University Punjab have spacious reading hall, periodical centre, group discussion rooms and online database browsing area.

The University libraries offer a wide range of materials in a variety of formatsófrom traditional books and serials to films, multimedia and networked information from around the world. Highly skilled staff assists students to use the local collections and find information on specific topics.

Our libraries are a learning space where students are inspired to explore, research, and create. Our libraries are not only the place to think, but also an informal work area where students gather to collaborate. Social elements include a cafÉ and vending machines, lounge areas, and newspapers. Use our libraries to study for exams, finish assignments, and to balance study and work.

Our libraries house a collection of more than 20,000 items including books, journals, microfilms, audio-visual material and CD-ROMs. Furthermore, the students have access to more than 10,000 electronic journals available online.

We have access to a large number of e-resources, ASCE Journals, ASME Journals, IEL online, Science Direct, EBSCO, EMERALD, SCIFINDER, SAE-Tech Papers, Indian Standards Codes, ACM, ABI / Inform Complete (PRO QUEST), Springer Link and Engineering Referex. Our libraries have a Video Conferencing facility and also provide classroom teaching through EDUSAT programs and NPTEL video courses in the different fields of education.







OUR INDUSTRY ACADEMIA RELATIONSHIPS

Chitkara University maintains close link with leading corporations and professional associations to deliver most of our professional programs. Through these alliances we stay in touch with industry, ensuring that our courses are relevant, practical and deliver the skills in demand allowing our graduates to hit the ground running. Some of our leading industry collaborations are:

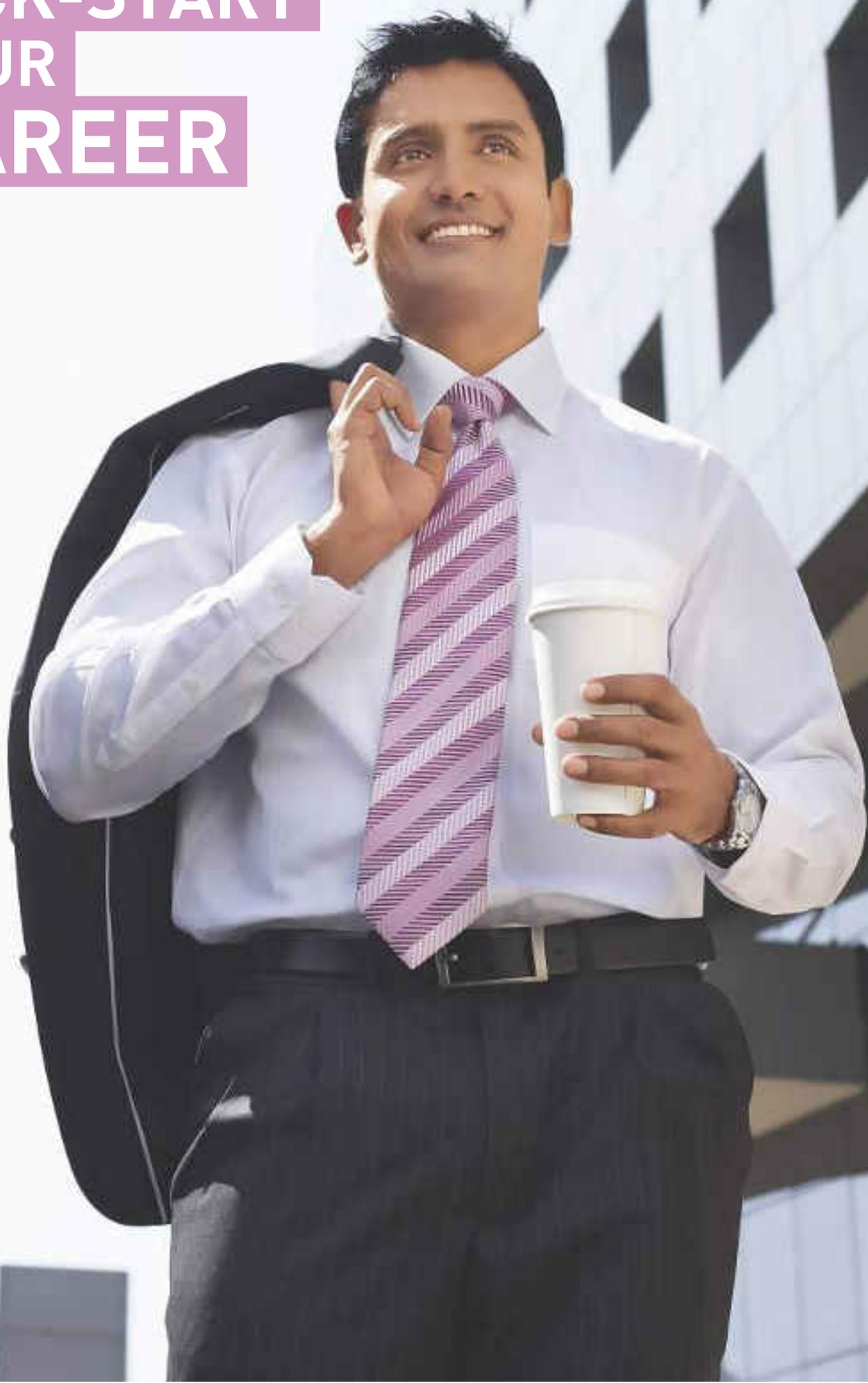
			
			
			
			
			
			

OUR INDUSTRY COLLABORATIONS

CHITKARA UNIVERSITY HAS ESTABLISHED AN UNASSAILABLE REPUTATION FOR VERY STRONG CAMPUS RECRUITMENT ON THE SHEER VIRTUE OF OUR INTENSIVE FOCUS ON MAKING ALL OUR GRADUATES 'INDUSTRY READY'.

- Marquee companies such as ARM, Cadence and NXP Semiconductors are supporting us in terms of supplying state of the art equipments for best hands-on classroom training.
- nVIDIA which is one of the leading companies in the parallel computing space has granted the status of "CUDA teaching Centre" to Chitkara University.
- Infosys Campus Connect and Wipro 10X Mission has provided us an important framework for our Engineering curriculum Strong linkages with Industry leaders such as Dassault Systems, National Instruments & Oracle to develop and deploy industry-relevant curricula on various technologies for our Engineering curriculum.
- Our program in Mechanical Engineering has been endorsed by leading companies such as Mahindra, Rasco, Dassault Systemes and Tata Technologies.
- Chitkara Business School is offering a unique 2 year MBA program in Human Resource management with ManpowerGroup which is the leading manpower consultancy in the world.
- Joint management programs with BSE Institute has helped us initiate academic programs in the realm of financial sector knowledge.
- Our program in supply chain management works towards bridging the huge skill gap prevalent in the logistics industry through our industry partner, Safexpress, India's largest supply chain & logistics company.
- The University is also in strategic partnership with Frost & Sullivan, world leading research and consulting organization with huge footprint in Healthcare Informatics consulting projects across India & Asia.
- The degree programs offered by Chitkara School of Health Sciences are in collaboration with Fortis Healthcare which is one of the leading healthcare providers in Asia
- Our Optometry programs are fully endorsed by Sankara Healthcare which is one of the leading eye care chains in the country.
- The curriculum and program structure for all our Journalism and Mass Communication has been inspired and adapted from the UNESCO Model Curricula for Journalism Education.
- Marquee companies like Honda, Mitsubishi, Fiat Chrysler have established laboratories for our applied engineering programs.
- Blue chip companies like Virtusa, QuickHeal & Pega have established centres of excellence at our campus.
- ImaginXP has established centres of excellence for User Experience Design at our campus.

KICK-START YOUR CAREER



OPENING DOORS TO FUTURE SUCCESS

with the tools and connections that will set you apart.

When the world's most selective organizations seek new, innovative talent, they turn to Chitkara University. Top FMCG companies, financial institutions, consulting firms, consumer products manufacturers and Technology companies are among those firms that hire our graduates as interns as well as full-time employees.

Employers seek out our students because they demonstrate not only a mastery of powerful quantitative and management tools, but also a solid understanding of best practices for the changing technological, global, and human dimensions of business.

An Impressive Array of Services

The University's location and deep ties to global firms provides you the tools and connections you need to launch the next stage of your career. Chitkara University offers access to employers through multiple channels. On-campus interviews and corporate presentations are popular forums for presenting oneself to a prospective employer.

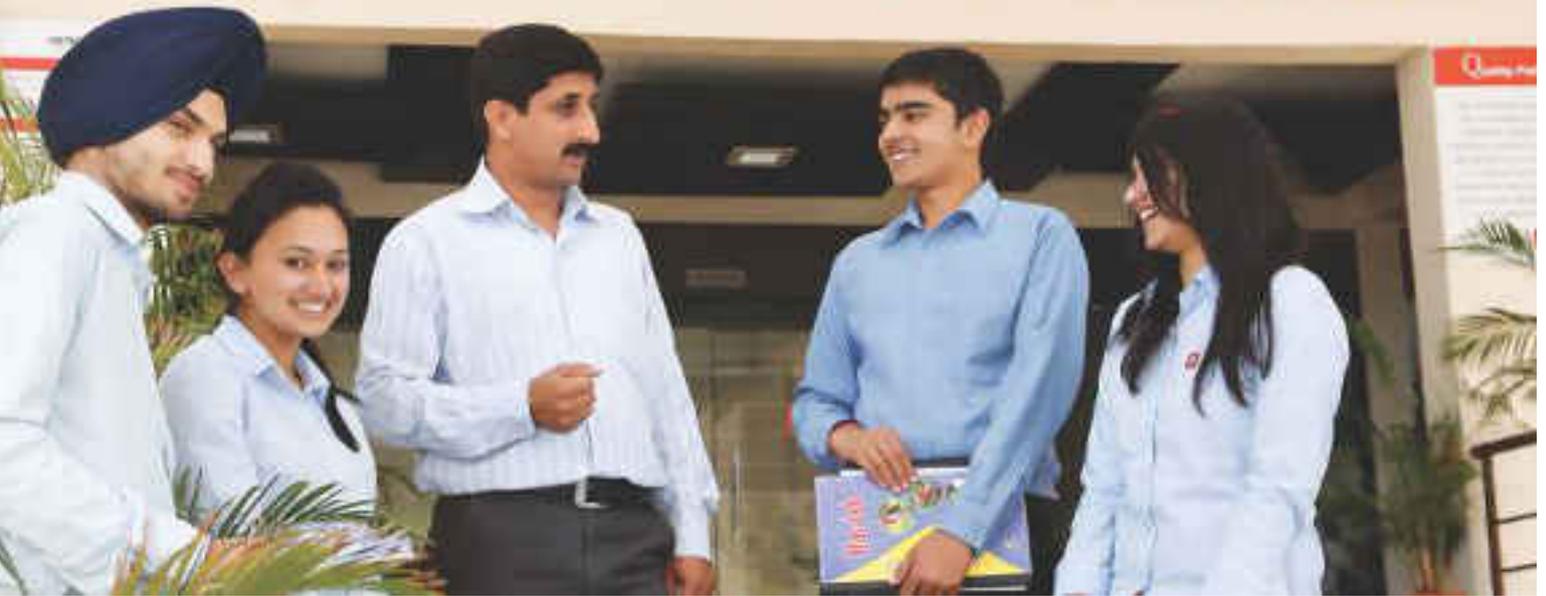
Chitkara University's facilitates hundreds of on-campus interview opportunities for positions spanning the globe and over a thousand electronic job postings specifically targeting our students each year. In addition, you are given the opportunity to interact with hiring managers and recruiters in more informal ways, including industry firm nights, career panels, corporate visits, alumni mixers, and job fairs.

A Personal Approach

The University's optimum class size allows career advisors to offer a personalized, hands-on approach to your career search. Our goal is to provide you with resources and opportunities to successfully match your skills and interests with an employer.

We also offer a broad range of seminars, programs, and services from experienced advisors, coaches, managers, and practitioners at all stages of the career planning process.

Explore **Your** Potential



CAREER SERVICES

Chitkara University offers students comprehensive opportunities to occupy themselves with questions around their career planning right from the beginning of their studies. A broadly diversified choice of career activities accompanies them during their studies and offers numerous networking opportunities with industry leaders and alumni.

Focus on Careers

Chitkara prepares students for the real world and fulfilling careers. With industry representation our course continues to keep pace with real world practice making students work-ready the moment they graduate.

Mentoring

Sometimes a little advice and guidance from someone who has been there and done that can go a long way. Students have unlimited opportunities to interact with professionals from their field to build contacts and learn about new industry trends.

Student Support Services

Our Career Centre provides personal career counselling, extensive career development seminars and invaluable assistance in developing one's resumes that showcase his/her skill and experiences.

Networking

Smart graduates require tapping into network of people, technology and information. At Chitkara, you are connected with world-class faculty, leading managers and innovators. Workshops with guest speakers from the industry are held regularly to acquaint you with the latest happenings.

Internships

Most students are provided opportunities to pursue internships to gain some real world practical experience. Emphasis is placed on ensuring that students attending the program are placed in rewarding, real-world company assignments that extend the learning experience into areas that are not available at the University. Our programs offer the opportunity for practical, hands-on experience, internships and projects within the local community. This is why our graduates are in demand.



BUILD YOUR DREAM CV

Advice
from
Alumni

Specialise
further with
exchange
Programs

Work
Placements
and
Internships

Career
Events

Volunteering

Network
with Top
Employers

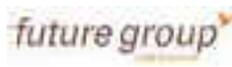
Personal
Development
Programs



**THE START
OF SOMETHING
BIG**

OUR CAMPUS RECRUITERS

SINCE INCEPTION, CHITKARA UNIVERSITY HAS A PATH BREAKING RECRUITMENT RECORD FOR GRADUATES FROM VARIOUS ACADEMIC PROGRAMS. SOME OF THE PROMINENT RECRUITERS ON CAMPUS ARE:



"CHITKARA IS THE FULL EXPERIENCE:

Lifelong friendships from around the world, inspiring lecturers, dynamic learning, diverse opportunities, and ongoing support.

**CHITKARA UNIVERSITY FOSTERS
CRITICAL THINKING."**



CHITKARA ALUMNI NETWORK

The net is not a net until it begins to work. Work your network today through us.

The main components of the CHITKARA ALUMNI NETWORK mission are to enable alumni, students, faculty and staff to maintain their contact with the University and each other for their shared benefit and for the vital support and development of CHITKARA UNIVERSITY. One of the strongest bonds that survives with our students over the years is the class bonding and CAN provides a forum to strengthen the bond over the years. We have CAN chapters in Chandigarh, New Delhi, Bengaluru and upcoming chapters in Pune, Mumbai and many other cities in India.

ALUMNI TO ALUMNI

Find old friends and connect to other alumni. Join our official Chitkara Alumni Network page CAN and become a part of a huge global community.

ALUMNI TO THE WORLD

Our Alumni discover business opportunities through Chitkara Alumni Network all over the world and across industries.

CAREER SERVICES

The career services maintain a close relationship to the alumni who significantly support on-campus activities and also help finding national and international job/internship positions. CAN helps our students stay in contact and dialogue with us, take part in the manifold events we offer them, make use of the various information services and actively engage with words and deeds.

CHITKARA

INNOVATION INCUBATOR FOUNDATION

Chitkara Innovation Incubator was initiated in the year 2013 with a sprawling 15,000 sq ft facility next to Rajiv Gandhi Information Technology Park, Chandigarh which is the prime destination for major blue chip companies such as Infosys, Tech Mahindra and Airtel.

Chitkara University is a place of original thinkers; nurturing and stimulating inquisitive minds to produce graduates with innovative ideas, perspective and approaches.

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

This Innovation Hub will be one-stop shop for know-how. Entrepreneurs across Chitkara University can access seed capital opportunities, one-on-one mentoring, pro-bono support services, feedback from entrepreneurial experts, and capacity-building workshops covering everything from legal liability to effective marketing to entrepreneurial finance.

It is a community, a nexus point where innovators at Chitkara can meet, interact with other innovators, and learn from peers, all of whom are driven to create lasting positive change. That community includes undergraduate and graduate students, faculty, staff and alumni across any discipline.

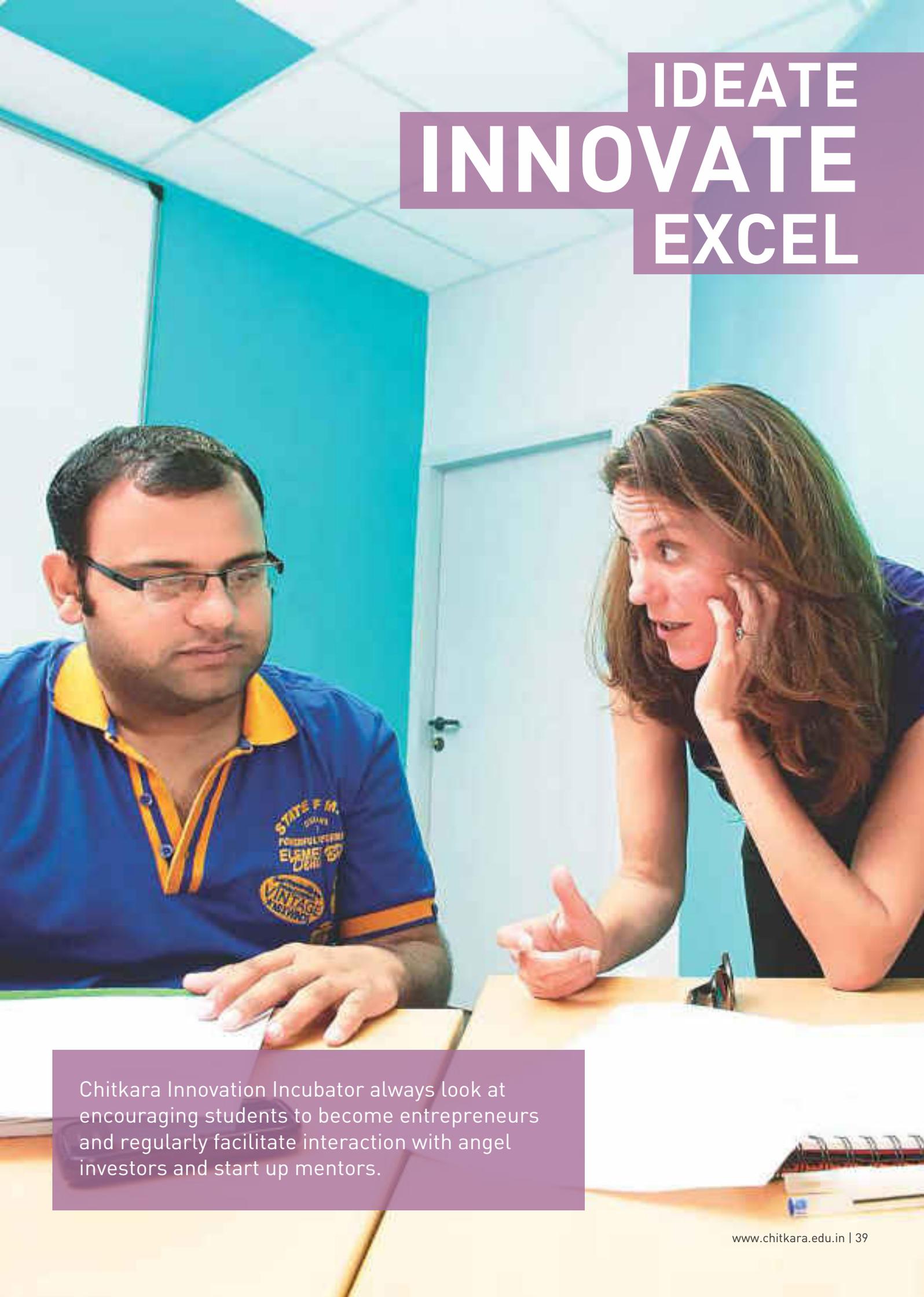
- The incubator is a DST - Department Of Science Govt Of India Recognised And Approved TBI
- The incubator is MSME approved TBI-Technology Base Incubator
- The incubator hosts 30 start ups of diverse nature
- The core focus of the incubator is mentoring and hand holding of start ups, through chitkara university mentor and alumni network.

Some of the companies which have made Chitkara Innovation Incubator are:



SUPPORTED BY



A photograph of a man and a woman in a meeting. The man, on the left, is wearing glasses and a blue polo shirt with yellow accents. The woman, on the right, is leaning forward, resting her chin on her hand, and appears to be speaking or listening intently. They are sitting at a wooden table with papers and a notebook. The background is a modern office space with teal and white walls and a white door.

IDEATE INNOVATE EXCEL

Chitkara Innovation Incubator always look at encouraging students to become entrepreneurs and regularly facilitate interaction with angel investors and start up mentors.

THE GLOBAL UNIVERSITY

Internationalisation and globalisation are key characteristics of today's environment. The world has become a 'Global Village' where economic, political, social and cultural dimensions are tightly intermingled. Such a platform offers not only considerable opportunities but also higher complexity. One must prepare for the future by anticipating the challenges and having a vision for the wide-ranging possibilities.

Chitkara University is prepared to face these new challenges, responding to professional and international commitments, by educating and training students and managers to be 'Global Ready' for tomorrow's world and by helping them in developing skill sets desired by future employers.

As a consequence, celebrating diversity, preparedness for international careers and 'Being Global' are embedded in our organisational culture at Chitkara University.

THE INTERNATIONAL EXPERIENCE

Combining an international education and study abroad experience is a strong asset in today's marketplace. It gives candidates a huge competitive advantage but also greatly contributes to students' personal development.

Students from Chitkara University enjoyed unforgettable experiences during their study abroad programs, such as semester exchange and summer school programs, at partner universities in countries like Germany, France, South Korea, UK and USA.

We, at Chitkara University, believe that combining a state of the art education and study abroad experience is strongly desired in today's marketplace; it enhances candidates' professional, global & intercultural competence but also greatly contributes to students' personal development. Studying abroad is also an important opportunity to build a new network of friends and contacts from all over the world, which is a major asset in an increasingly interdependent world.

OUR UNIQUE GLOBAL NETWORK

Chitkara University has established a unique network of more than a 60 partner universities and educational institutes around the globe. This co-operation network forms the basis for student as well as faculty exchange programs within the framework of our educational programs.

OUR INTERNATIONAL AND SUPPORTIVE STUDY ENVIRONMENT

With its growing number of international students and faculty, Chitkara University offers a truly international study environment. International faculty from partner universities teach short-term courses to students of Chitkara University during global events such as global engineering, automotive and business weeks.

CHITKARA UNIVERSITY STUDENTS ARE EXPOSED TO A HOST OF INTERNATIONAL PROGRAMS WHICH RESULTS IN A TRULY "GLOBAL" PROFESSIONAL.



INTERNATIONAL EXPERIENCE

Programs taught in English by local and international faculty, student exchanges from partner universities all over the world, international research co-operation, articulation program development by international partners, international faculty exchange; all of these are key features of Chitkara University.

INTERNATIONAL FACULTY

We regularly invite faculty from accredited Institutions across the world and it helps our students to understand diverse Education standards

SEMESTER EXCHANGE

Students visit Partner Universities for six months to one year for completing their semesters abroad.

SUMMER PROGRAMS

Summer Program is short duration program of 2-4 weeks on various specialisations. It adds to the international exposure of the students.

STUDY BASED SCHOLARSHIPS

Partner Universities offer full year scholarships and semester long scholarships to students through which study is absolutely free for the students for those terms.

INTERNATIONAL COMPETITIONS

Students participate in competitions conducted by several institutions & organisations at International Level such as MUN.

INTERNATIONAL CONFERENCES

Students participate in International conferences that help them to experience International academic standards.

LEADERSHIP CAMPS

Student based leadership camps for 15 days or more and as of now the students generally travels to South Korea.

ARTICULATION PROGRAMS

Chitkara students have option to finish the last 1/2 years of their degree programs at our partner Universities all across.



The Global
University

Live independently. Gain cultural awareness. Expand your social network to span the globe. 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. Lend a hand to those in need. 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 150 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

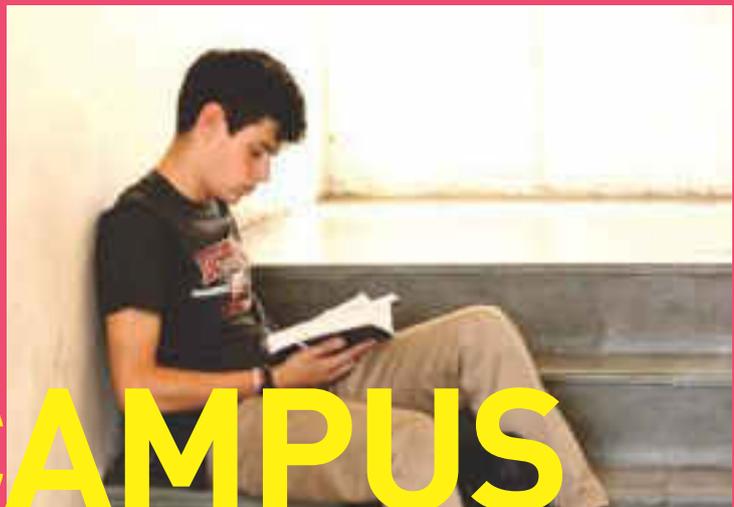
Summer Programs are short duration programs of 2-4 weeks on various specialisations. It adds to the international exposure of the students.

SEMESTER EXCHANGE PROGRAMS

Foster stronger bilateral ties

Chitkara students have option to finish the last 1/2 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 approach to global Education rests on the belief that every student needs broad global knowledge and a global mindset. There are many opportunities to globalize your Education.



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 go on 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 and the human touch

We regularly invite faculty from accredited Institutions across of the world and it helps our students to understand diverse cultural and educational contexts.

Global Connections



CHITKARA UNIVERSITY HAS STRONG AGREEMENTS FOR FACULTY AND STUDENT ACADEMIC EXCHANGE WITH TOP EDUCATION PROVIDERS ACROSS THE WORLD. SOME OF THE MAJOR INSTITUTIONS ARE:

ASIA

CHINA

- Qilu University of Technology
- Zhejiang University of Science & Technology
- Qingdao Technological University Qindao College
- University of Nottingham, China

INDONESIA

- Binus University
- Telkom University
- Airlangga University

TAIWAN

- China Medical University
- Providence University
- National Tsing Hua University (NTHU)
- National Chi Nan University
- National Chung Cheng University

JAPAN

- Kindai University
- Gunma University

THAILAND

- Kasetsart University

PHILIPPINES

- Mapúa University

SOUTH KOREA

- Soongsil University
- Kookmin University
- Korea University (Sejong Campus)
- Kongju National University
- Chung Ang University
- Kyung Hee University
- Sookmyung Women's University
- Shinhan University
- Chonbuk National University
- Kyungpook National University
- Chosun University
- Sangmyung University
- Jungwon University
- Kwangwoon University
- Seoul National University of Science & Technology (SeoulTech)
- Woosong University

MALAYSIA

- HELP University
- Management & Science University (MSU)
- University of Nottingham, Malaysia
- Heriot-Watt University, Malaysia

DUBAI

- Heriot-Watt University, UAE, Dubai
- University of Birmingham, UAE, Dubai

EUROPE

UNITED KINGDOM

- London School of Economics and Political Science (LSE)
- University of Hertfordshire, UK
- University of Birmingham
- University of Nottingham
- Glasgow Caledonian University
- Anglia Ruskin University
- University of Central Lancashire (UCLAN)
- University of West of England, Bristol
- The University College London (UCL)
- Nottingham Trent University
- Heriot-Watt University

NETHERLANDS

- Amsterdam University of Applied Sciences
- Fontys University of Applied Sciences
- The Hague University of Applied Sciences

SPAIN

- University of Alicante
- Fundacio Privada Universitat I Tecnologia
- Universidad de Jaen
- Universidad Católica San Antonio de Murcia (UCAM)
- Universitat Rovira I Virgili

BELGIUM

- IHECS (Haute Ecole de La Province De Liege)
- Saint-Louis University, Brussels

CZECH REPUBLIC

- University of Ostrava, Czech Republic

FRANCE

- ...cole pour l'informatique et les nouvelles technologies-EPITECH
- Lycee Emile Combes, Pons
- The Institut Polytechnique des Sciences Avancées, IPSA
- ESIGELEC - School of Engineering Rouen
- Ecole Pour L'Informatique Et Les Techniques Avancées- EPITA
- EM Normandie
- Kedge Business School
- Institut D'études Politiques De Toulouse
- Sciences Po Lille
- ISTIA-Universite Angers
- Université Montpellier 2 Sciences et Techniques
- Institut Supérior Biotech de Paris
- ECAM Strasbourg
- France International Graduate Schools (FIGS)
- Institut Supérieur de Gestion (ISG)
- ...cole supérieure des techniques aéronautiques et de construction automobile (ESTACA)
- Ecole Spéciale de Mécanique et d'Électricité (ESME Sudria)
- Sustainable Development Management Institute
- Ecole De Biologie Industrielle
- EPF Ecole d'ingénieurs (Sceaux)
- Université De Technologies De Troyes
- Groupe EDH (EFAP, ICART, EFJ)

GERMANY

- Cologne Business School
- Karlshochschule International University
- Hochschule Osnabruck University of Applied Sciences Osnabruck
- Duale Hochschule Baden Württemberg (DHBW)
- University of Applied Sciences Stuttgart
- Technische Universität Chemnitz
- Hochschule Emden/LEER

HUNGARY

- Kodolanyi Janos University Of Applied Science
- Algebra University College

SWITZERLAND

- HTMI

FINLAND

- Helsinki Metropolia University of Applied Sciences
- JAMK University of Applied Sciences

PORTUGAL

- Politecnico De Coimbra
- Instituto Superior De Engenharia Do Porto

RUSSIA

- ITMO University

TURKEY

- Abdullah Gul University
- Middle East Technical University
- Istanbul Aiyansaray University
- Altinbas University, Turkey

ALBANIA

- University of New York Tirana

NORTH AMERICA

U.S.A

- Central Michigan University
- University of Florida
- Purdue University
- San Diego State University
- University of Massachusetts, Lowell
- Missouri University of Science and Technology
- Northern Illinois University
- Northern Arizona University
- Portland State University
- Regents of the University of California, Irvine
- University of La Verne
- The George Washington University
- The University of California San Diego Extension
- Pennsylvania College Of Optometry
- Texas Southern University
- California State University Monterey Bay
- University of Wisconsin - Parkside
- The University of California, Berkeley-Extension
- Kent State University, USA
- California State University San Marcos

CANADA

- George Brown College
- British Columbia Institute of Technology
- Kings University College at Western University
- University of Prince Edward Island (UPEI)
- Vancouver Island University
- Georgian College
- Vancouver Film School (VFS)
- Lakehead University
- University of British Columbia
- University of Ottawa
- Medicine Hat College
- Trent University
- Red River College

MEXICO

- Universidad Autónoma del Estado de Hidalgo (UAEH)
- Benemérita Universidad Autónoma de Puebla
- Universidad Popular Autónoma del Estado de Puebla

GRENADA

- Saint George's University, Grenada

SOUTH AMERICA

BRAZIL

- PUCRS
- UNICAMP (University of Campinas)
- The Federal University of Lavras
- Federal University of São João del-Rei

PERU

- Universidad San Ignacio de Loyola (USIL)

AUSTRALIA

- Deakin University
- Edith Cowan University
- Flinders University
- Federation University
- Murdoch University
- Griffith University
- James Cook University
- Western Sydney University
- Macquarie University
- Western Sydney University
- University of New Castle

AFRICA

SOUTH AFRICA

- Regenesys Business School, Johannesburg

STUDENT LIFE **EXCITEMENT DEFINED**

There are countless opportunities to get active and involved, engaged and enriched, and we want you to become a part of our diverse community of people who work together to make an impact on the future and have fun in the present.

With more than 20 student clubs and organizations based on a wide range of academic, cultural, and recreational areas of interest, you can find a way to express yourself.

Join, lead, or start your own—the important thing is to participate. Engaging with these organizations builds strong connections with fellow students, provides personal growth, and enhances your Chitkara experience.

Student life at Chitkara University is more than just ardent toil next to a big pile of books. The wide range of clubs and student associations, as well as the surrounding environment, provide memorable experiences ranging from culture to extreme sports.



EXPLORE YOUR INTERESTS





LEARN,



CHANDIGARH THE CITY BEAUTIFUL

Chandigarh is a city that comes under eTimes' 15 best Asian spots. eTimes' magazine has dubbed Chandigarh as 'the thinking man's city' amidst a continent of mindless growth.

With easy connectivity to major cities across India by flight as well as rail Chandigarh serves as the gateway to northern India. There are also direct flights to connect with the rest of the country mainly Mumbai, Delhi and Bangalore. Indian rail network connects this city to various Indian cities chiefly Delhi, Shimla, Lucknow, Jaipur, Mumbai, Goa and Kerala.



PLAY, LIVE



VIBRANT STUDENT LIFE

The great experiences that you have at Chitkara University are what you will remember long after you graduate ñ these are made up of the times you spend with friends and teammates exploring shared interests. Choose from vast array of co-curricular activities covering sports, performing and visual arts, community service, entrepreneurial and international interest groups. If you can't find what you like, there's always the option of starting your own hobby club.

We give you invaluable opportunities to hone team, leadership and time management skills while pursuing your passion and networking with students from all backgrounds.





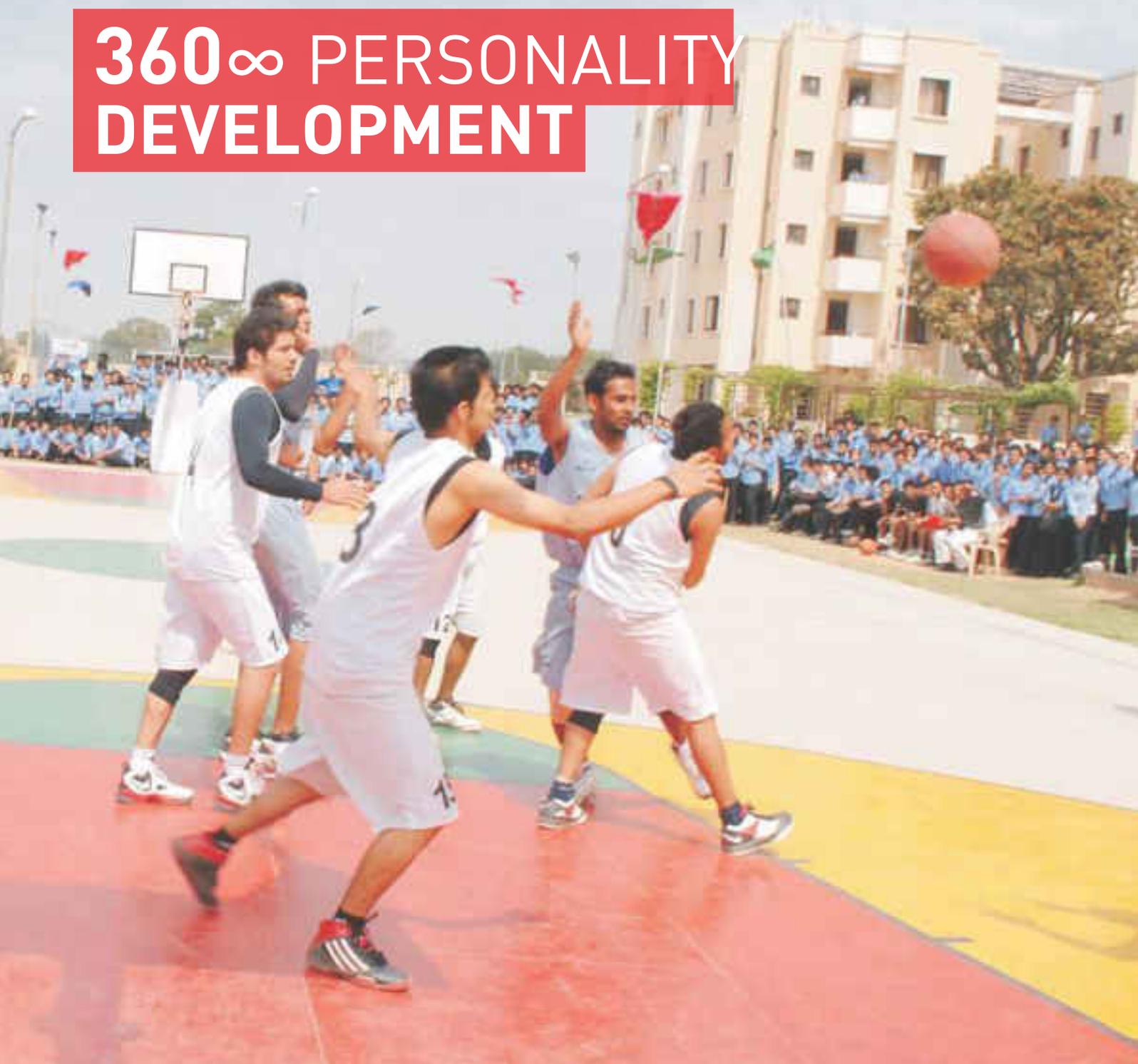
LEARNING IS FUNDAMENTAL

CHITKARA UNIVERSITY IN A NUTSHELL?
Cool vibes, great events & excitement all year round,
sports, theatre, excursions, always somebody home
next door. That is it.



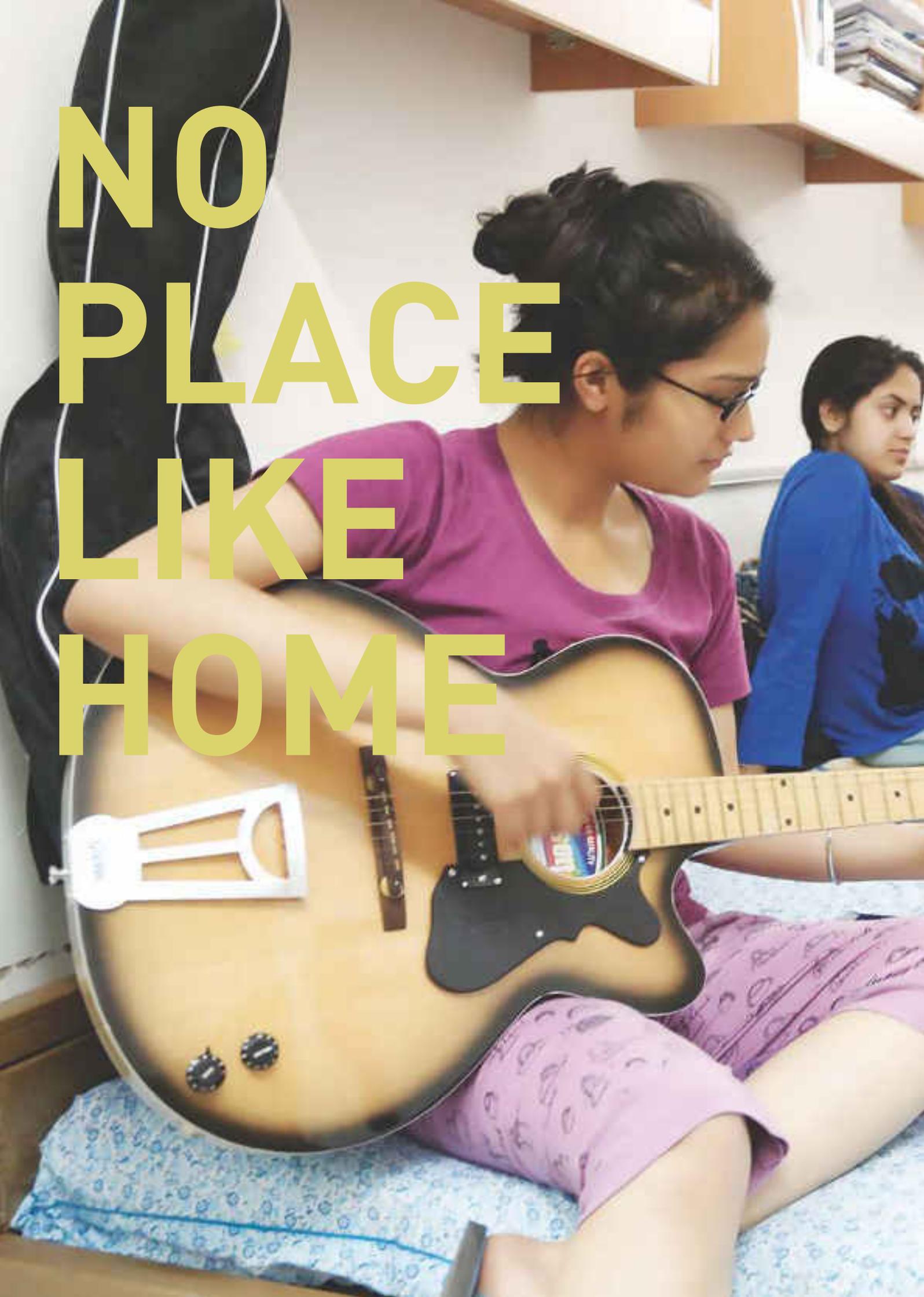


360[∞] PERSONALITY DEVELOPMENT





**NO
PLACE
LIKE
HOME**





OF FIRST-YEAR STUDENTS LIVE ON CAMPUS IN OUR RESIDENCE HALLS.



GREAT PLACES ON CAMPUS TO GRAB A BITE TO EAT & COFFEE TO SHARE

YOUR SENSE OF PLACE

Chitkara University offers comprehensive hostel facilities within the campus. We understand that most of our students are moving away from home for the first time, so we strive to make the transition as smooth as possible by offering comfortable and safe hostels within the campus, providing a homely atmosphere. We offers separate magnificent hostels for boys and girls with hostel warden in each hostel to supervise day to day management. All the rooms have been designed to provide adequate moving space and ample air and light. Each hostel has its own mess providing hygienic and nutritious meals three times a day. The menu is designed to cater to a range of taste buds.

There is hardly ever have a dull moment in the hostel where all our classmates are also our neighbours, friends and confidantes. Whether it is having a nice home-cooked meal together, helping one another with school work or making music, the most mundane of activities, when shared with good company, become the best of times.

Coliseum
THEATRE

BIDDING THE

OPPORTUNITIES AREN'T GIVEN

THEY'RE MADE.



CHITKARA MADE



CHITKARA COLLEGE OF PHARMACY



CHITKARA COLLEGE OF PHARMACY

Ranked 17th all over India amongst Pharmacy institution by MHRD AICTE NIRF Ranking 2016.

Established in the year 2005, Chitkara College of Pharmacy (CCP) is approved by All India Council of Technical Education (AICTE) and Pharmacy Council of India and is offering full time Bachelor of Pharmacy (B.Pharm), Pharm D, Pharm D (PB), B Pharm Practice, Master of Pharmacy (M.Pharm) and Ph D programs.

Chitkara College of Pharmacy has been designed to be the centre of excellence for Pharmaceutical Sciences in North India. The profession of pharmacy has transformed into a hub for the "Global Healthcare" and evolved as a multidisciplinary, multifaceted curriculum. Its involvement is deep as it has an important role in all events: from discovery of new drug molecule to its evaluation, development, approval for human consumption, manufacture and every other important aspect.

Our academic system has been framed taking into consideration the responsibility of students to meet the demands of hi-tech pharmaceutical industry, at the same time ensuring that they confidently serve the requirements of patient care and pharmacy practice.

Since its inception, we have made conscious efforts to inculcate research aptitude in its students at all levels to keep them abreast of the requirements of the industry. The efforts are visible in the sizeable number of publications, more than 300, at both national and international level. Through the years, the Institute has been able to establish strong bonds with the industries like Dr Reddys labs, Natural Solutions, CITO Healthcare, Clinsync CRO at local as well as national levels for training and placement activities. conducting academic programs for the industry as well as collaborative research and consultancy.

Chitkara College of Pharmacy ranks 17th in MHRD-AICTE-NIRF rankings 2016 out of more than 500 Pharma colleges spread across India

ACADEMIC FACILITIES

High-tech well equipped labs in the departments of Pharmaceutical Chemistry, Pharmaceutics, Pharmacology and Pharmacognosy serve as a strong framework for our graduates to help them develop capabilities to become world class pharmacists and scientists.

Important in-house projects and research work is taken up in the labs that is academically as well as socially productive. The classroom and laboratory infrastructure is backed and supported with well furnished Seminar Halls and Conference rooms where presentations on Scientific and other topics are organized by faculty members and students.

The institute has sophisticated manufacturing and analytical equipments including:

- High Performance liquid Chromatography (HPLC) machine
- FTIR Spectrophotometer
- USP Dissolution apparatus
- Multistation tablet Punching Machine
- Fluidised bed Drier
- R M granulators
- Lyophiliser
- Laminar flow Bench
- Refrigerated centrifuge
- Ultrasonicator
- Microscope with camera

Pharmacology equipments include pole climbing apparatus, actophotometer, electroconvulsimeter, water maze, chymographs, tail flick apparatus, Histamine Chambers etc. All labs are well furnished with appropriate number of glassware, chemicals and additional preparation & technical staff support rooms.

Chitkara College of Pharmacy provides following facilities for research in pharmaceutical sciences:

- Analysis of Samples for Infrared and UV Spectrophotometric Data.
- HPLC Analysis.
- Dissolution and Other Formulation Studies.
- Analytical Method Development.
- Pre-clinical Evaluation.

We have strong industry tie ups with Contract Clinical Research Organisations (CROs) e.g. Clinfox, Hyderabad, CITO Healthcare Hyderabad, Clinsync CRO, Hyderabad, Contract Quality Standardisation Organisations, Dove Analytics, Herbal product manufacturers, Natural Solutions, Univ of Florida, Student and Faculty exchange with Super Biotech France.



PHARMACEUTICAL STUDIES

All our full time Bachelorís & Master's programs in Pharmacy comprise of the following core areas of study and additional support courses as under:

Pharmaceutical Chemistry and Analysis:

These are related scientific discipline at the intersection of chemistry and pharmacy dealing with designing and developing pharmaceutical drugs and also with analytical topics that help develop basics about quality management of raw materials and finished pharmaceuticals.

Pharmaceutics:

It's the discipline of pharmacy which deals with all facets of the process of turning a new chemical entity into a medication able to be safely and effectively used by patients in the community. Apart from techniques to manufacture orthodox tablet, liquids and injectable formulations, the subject has evolved so much over the years that many Novel drug delivery Systems including dermal and mucosal patches, targeted delivery systems, antibody based delivery systems and other prolonged release minimal dosage formulations have become extremely common.

Pharmacology:

It's the study of how chemical substances interact with living systems. The field encompasses study of drug composition, drug properties, interactions, toxicology, & desirable effects that can be used in therapy of diseases. Other subjects, viz., Anatomy and Physiology and Pathophysiology are a prelude to pharmacology helping the students to develop the knowledge of intricate functioning and make up of human body and disease processes. Clinical Pharmacology details effective use of medicines in human body and management of various disease conditions.

Pharmacognosy:

It's the study of medicinal products in their crude, or unprepared form as directly obtained from plants, animals and other natural sources.. It includes the study of the physical, chemical, biochemical and biological properties of drugs, drug substances as well as the search for new drugs from natural sources which includes separation and identification of phytoconstituents from plants, conversion into semisynthetic derivatives and standardisation of multicomponent herbal formulations.

Additional elective integrated projects are a part of the curriculum to help students understand using knowledge from different subjects to carry out pharmaceutical research.



OUR PROGRAMS

B. Pharm Plus

4-Year program with a difference

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

B. Pharm Practice

2-Year program

B. Pharm (Practice) program provides advance specialization for the diploma students in the areas of clinical therapeutics and pharmacy and achieve graduate degree in the advanced areas.

M. Pharm Plus

2-Year program with a difference

Postgraduate program with a strong pharmaceutical industry focus and intensive practical exposure for a period of 6 months and more with specialisations in Pharmaceutics / Pharmacology & Pharmaceutical Technology.

B. Pharm Plus M. Pharm

6-Year Dual Degree Program

An integrated program leading to B. Pharm & M. Pharm, with diverse range of specialisation based on the needs of Pharma industry. Additional exposure to value added certification programs such as Regulatory Affairs / IP / Clinical Research.

Pharm D

6-Year Doctoral program

A Postgraduate Doctoral program with a strong pharmaceutical industry focus and intensive practical exposure.

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.

M. Pharm Plus Ph.D

A combination of PG & Research (Integrated Doctoral Program)

Students enrolling for M. Pharm can pursue a doctoral program without taking a break from the course. Financial assistance will be offered to meritorious students.





MASTER PROGRAMS

2-Year Master of Pharmacy Programs

For this academic year we are offering the following 2-Year master degree programs:

- M. Pharm (Pharmaceutics)
- M. Pharm Pharmaceutical Technology)
- M. Pharm (Pharmacology)
- M. Pharm Pharmacy Practice (Clinical Research and Clinical Pharmacology)

M. Pharm (Pharmaceutics) and M. Pharm (Pharmaceutical Technology)

The M. Pharm (Pharmaceutics) and M. Pharm (Pharmaceutical Technology) Programs lead to specialisation in formulation development, manufacturing technology, and process development areas, which are essential specialisations for manufacturing of traditional and novel drug delivery systems.

The first year involves theoretical and practical sessions in the following areas: dosage form design; advanced pharmaceutical methods of analysis; drug regulatory affairs; biopharmaceutics and pharmacokinetics; dosage form technology; advances in industrial pharmacy; and novel drug delivery systems. The second-year projects touch upon formulation development, stability studies, and process validation for traditional and novel drug delivery systems.

Some of the areas that have been taken-up by various batches since 2009 include hydrogels, microemulsions, microspheres, nanospheres, nanosuspensions, gastroretentive systems, solid-solid and solid-liquid dispersed systems, and development of modified excipients.

Continuous interaction with industries including Nectar life Sciences, Abbott Healthcare, Unichem, Jubilant Clinsys, Arbro Pharma, Dr Reddys Labs and other organisations for academic, conferences and placements is a special feature during the course.



M. Pharm (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 and practical sessions in the subjects molecular pharmacology; general pathophysiology; 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 of the Program students take-up several projects that are aimed at developing and exploring novel receptor targets, and mechanisms for drug action in the pathophysiological stages of the disease.

M. Pharm Pharmacy Practice (Clinical Research and Clinical Pharmacology Branch)

This Program offers a specialisation in the clinical drug development methodologies, its regulations, and control. Once the safety and efficacy of a novel chemical entity is established for a drug compound in preclinical animal studies, it is put through the process of clinical development. This is where the drug is studied for safety, efficacy and dosing in increasing numbers of human population setting through Phase I-IV clinical trials.

The branch offers exposure to subjects on principles of pharmacology and therapeutics; clinical research methodologies; clinical DRUG development; advanced pharmaceutical methods of analysis; drug regulatory affairs; recent advances in pharmacology; quality assurance and biostatistics; and other subjects.

The second-year clinical projects are done in hospital inpatient /outpatient settings either in association with a clinical research organisation or a pharmaceutical company.



Pharm. D.

6-Year Doctoral Program in Pharmacy

(Approved by Pharmacy Council of India, New Delhi)

From the academic year 2014, we started offering the 6 year Pharm.D which is an innovative combination of degree, masters and doctoral course combination that not only saves your time but offers you bright career prospects. It's a post-graduate professional doctoral degree and the student gets authorization to use prefix Doctor(Dr) to his name.

The Doctor of Pharmacy(Pharm.D) 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 stresses 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.

Pharm. D. graduation is a post graduate professional doctoral degree. It was introduced to improve clinical and hospital pharmacy services in India and it is the only pharmacy service which is in direct contact with patient health care system and authorized 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. Pharm. D. students and graduates are actively participating in direct patient care in hospitals.

PROGRAM OBJECTIVE

The 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 health care services to patients. Students are provided with the opportunity to gain greater experience in patient close cooperative relationships with health practitioners. It is the goal of all 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 important subjects taught in the various semester of the 6-Year program are as follows:

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

CAREER OPPORTUNITIES

Pharm. D. qualification, as prevalent in U.S, U.K, Canada, other European and developed countries, entitles the pharmacists for prescribing medicines and the doctors role is focused mainly on diagnosis. Also, with a Pharm. D., a person can register as pharmacist all over the world and can practice as Hospital/Clinical/Community pharmacist anywhere, and also as Clinical scientific expert, Clinical research associate and Associate in pharmacovigilance program.

- Hospital Pharmacist
- Clinical Pharmacist
- Community Pharmacist
- Specialized Area Opportunities
- Pharmacy Education
- Pharmacoconomics
- Managed Care
- Home Health Care
- Governmental Agencies
- Community Pharmacy
- Clinic Pharmacy Practice
- Knowledge processing outsourcing (KPO)

All the jobs related to Hospital/Clinical Pharmacy etc in European/American and other countries are highly paid due to the authority to the Pharmacist to take up the prescription and clinical monitoring of admitted patients where the physicians focus on diagnosis and operative care and medical prescription is supervised by Pharmacists.

PHARM. D (POST BACCALAUREATE)

Students have an option to pursue lateral entry into Pharm D program. B. Pharm candidates can pursue Pharm. D (Post Baccalaureate) program. The candidate will join the program in the 4th year of Pharm D and will subsequently complete 4th, 5th and 6th year.

Bachelor of Pharmacy (Practice)

2-Year B. Pharm (Practice)

B.Pharm. (Practice) course shall consist of a degree certificate of having completed the course of study and passed examination as prescribed in Pharmacy Council of India regulations for the purpose of additional qualification to be entered in the register of pharmacists in India and equivalent global registration. The course provides advanced specialization for the Diploma students in the areas of Clinical therapeutics and pharmacy practice and achieve graduate degree in these advanced areas and work at similar status with other members of healthcare team. It also provides opportunity to undertake advanced research studies and qualifications in the areas.

Some of the important subjects that will be covered during the program are:

- **Pathophysiology and Pharmacotherapeutics:** The subject discusses in detail about the mechanism of disease process at the cellular level and the molecular biology processes involved. It also focuses on the pharmacotherapy of the diseases using various drug combinations and the rationale behind the combination and the principles behind the drug regimens to be used at various stages. The subject increases the competence of the Pharmacy professional to have a useful interaction with the various members of the Clinical care team on possible intervention modifications
- **Pharmacy Practice:** The subject discusses the clinical functions performed by a clinical pharmacy professional in a hospital or community pharmacy area, viz., identifying medication and prescription errors, drug monitoring, patient information, drug interactions, adverse event monitoring, audits and medical record maintenance. Pharmacy practice is an important function engaged in eliminating chances of errors in medication at all stages and ensuring best therapeutic interventions.
- **Applied Pharmaceutics:** The subject area deals with principles of preparation of pharmaceutical and sterile items for use in community or hospital setting and sterile supplies which are an important aspect in providing sterile services in an in patient intervention area.
- **Social Pharmacy** develops expertise in management of social dynamics in communicable and noncommunicable diseases.
- **Assignments:** Clinical Assignments are given and evaluated on any one of the above areas and are to be done under the supervision of faculty members and pharmacy professionals.

Minimum qualification for admission to the program:

- A pass in Diploma course in Pharmacy from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act, 1948.
- A registered pharmacist.
- A minimum of four years of pharmacy practice experience in a community or hospital pharmacy ñ
 - A certificate from competent authority stating that the candidate is endorsed as registered pharmacist in the drug license of a pharmacy as proof of practice experience in case of community pharmacist
 - A certificate from the Principal/Medical Superintendent/competent person of the Hospital/Health Unit stating that the candidate is working as a pharmacist will be accepted as proof of practice experience in case of hospital pharmacist
- A 'No Objection Certificate' from the employer in prescribed format

CAREER OPTIONS

The course provides opportunity to diploma candidates in Pharmacy to undertake advanced studies in Clinical Pharmacotherapy and Practice areas and attend to community Pharmacy, Practice and clinical requirements as a graduate Pharmacy professional and work at equivalent positions and status vis a vis other healthcare professionals. Graduation also opens up the chances for further postgraduate and doctoral specialization in Pharma Sciences. It also provides possibility to take career options in international avenues.



**TRANSFORM
YOUR LIFE**



RESEARCH

Research within the School of Pharmacy shows the same entrepreneurial spirit that made Chitkara University what it is today. The School maintains a long tradition of interdisciplinary collaboration across academic departments, industry and government conducting cutting-edge translational research that encompasses the full spectrum from basic laboratory discoveries to clinical care advances, and sparking real breakthroughs on complex and pervasive health challenges.

Extensive focus on Research and development, publications (More than 250 national and international publications till date), generation of IPR and patents (17 patents filed), industrial consultancy for product development, quality and preclinical evaluation and product launches (International launch at Dubai)

Our CENTRE FOR RESEARCH IN PHARMACEUTICAL SCIENCES has filed a large number of patents. Some of which are:

PATENTS FILED TILL OCTOBER 2017

- Novel Compounds with Anti-inflammatory Activity
- Novel resveratrol Derivatives with therapeutic activity
- Dermal Patch of Curcumin, for Therapeutic use.
- Crossed Linked Carboxymethylated Xanthan as Super Disintegrant.
- Novel Boswellic acid schiff base derivatives with Therapeutic activity
- Improved Oral Formulations of Rosuvastatin Nanocrystals with enhanced bioavailability and method thereof.
- Synergistic combination for treatment of Neurological disorder
- Improved formulation of Glimepride with enhanced solubility
- A method for preparation of crosslinked carboxymethyl xanthan gum

Our research center also excels in transferring its research to the marketplace. It provides a unique environment for developing and commercializing technology. Chitkara School of Pharmacy and our research faculty work on consulting projects with established and startup biotechnology, pharmaceutical and medical device companies of all sizes. Some of these consulting projects are:

CONSULTING PROJECTS

- Hypercum 120/80, Permion Diffusion Cell
- Pharmacological modulation of complex hypertension using combination therapy
- Self crosslinking biodegradable polymers for colon delivery of 5-fluorouracil
- Targeting of diacerein loaded modified aegle marmelos gum nanoparticles to intra articular cartilage using chondroitin sulfate as a biomarker for treatment of osteoarthritis in rats
- Biodegradable nanoparticulate drug delivery system for oral delivery of lopinavir
- Exploring potential polyherbal therapies as anti snake venom
- Comparison of efficacy and safety of pregabalin and duloxetine in the diabetic neuropathy patients
- Safety, efficacy, stability and antimicrobial testing of hg spray
- Antimicrobial potential and stability profile of madhuram syrup
- Microbiological and toxicological profiling of elores
- Efficacy profiling of polyherbal formulation, stocon



CAREER OPTIONS

Blue Chip multinational and national Pharma companies including Ranbaxy Labs Ltd, Cipla, Pfizer Ltd and Eli Lilly have been the leading campus recruiters for our Pharma graduates since the year 2009.

With a good placement record for the batches passing out since 2009, and many students opting for higher qualifications (M Pharm/MBA either in India or abroad), it is clear that the Pharma program has managed to carve a niche of its own. We have established an unassailable reputation for providing on-campus recruitment opportunities in diverse areas in the Pharma field including production, QA, Marketing/ Retail and Hospital Pharmacy & our sheer virtue of intensive focus on making all our graduates "industry ready".

A career in pharmacy, unfolds a vista full of opportunities leading to a golden future for a young career aspirant such as.

● RESEARCH & DEVELOPMENT

Mainly M. Pharms & PhDs are in great demand in the various areas of Pharmaceutical R&D. Areas where professionals are required are:

- 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.

- **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 specialized and trained staff is required to handle sensitive analytical procedures & sophisticated equipment.

- **MARKETING**

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

- **HOSPITAL PHARMACY**

Another opening for a Pharmacy professional is "Registered Pharmacist" in the hospitals or drug stores. This is a very sought after profession especially in countries like the U.S.A., Canada, middle east and European countries. The trend is already set in many hospitals in the country. 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.

- **ACADEMICS**

Excellent opportunities for the professionals are available in teaching profession also. Besides teaching Academic related opportunities involve positions on Research Posts and Training programs, Documentation, Library Information Services & Pharma Journalism. The regulatory affairs as well as, patenting processes and Issues involve a lot of documentation work to be done and submitted to the concerned regulatory authorities, in a highly specialized and technical manner.

- **ENTREPRENEURSHIP OPPORTUNITY**

All Pharmacy graduates (B Pharm, Pharm D) are entitled By PCI registration and FDA licence to take up manufacturing, wholesale and retail business.



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