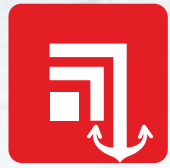


CHITKARA
UNIVERSITY



SCHOOL OF
MARITIME
STUDIES

Set Sail to Scale New Horizons





ABOUT CHITKARA UNIVERSITY SCHOOL OF MARITIME STUDIES

Chitkara University School of Maritime Studies (CUSMS), which is a part of Chitkara University located in Punjab, is the first institution in the northern states of Punjab, Haryana, Himachal Pradesh, Uttarakhand, and Jammu & Kashmir to receive the approval of the Directorate General of Shipping (DGS), Government of India for its B.Sc in Nautical Science, G.P. Rating, CCMC, and all basic STCW modular courses, including their refresher counterparts.

As an ISO 9001-2015 approved Maritime Training Institute (MTI), we believe that practical experience is crucial for a student's success. That's why we have incorporated practical training and real-world experiences into our programs, enabling our students to gain a deep understanding of the maritime industry and its complexities. Our experienced faculty members are dedicated to providing personalized instruction and mentorship, ensuring that students receive the support they need to reach their full potential.

We offer a range of programs, from undergraduate degrees to professional development courses, all aimed at preparing students for careers in the maritime industry.

Whether you're at the beginning of your career or seeking advancement in the maritime industry, the Chitkara University School of Maritime Studies can help you achieve your goals. Join us and become a part of a community of enthusiastic and dedicated professionals who are committed to shaping the future of the maritime industry.



**Dr. ASHOK CHITKARA
CHANCELLOR
CHITKARA UNIVERSITY**

Selecting a university program marks the beginning of an exciting journey in your life. It expands your opportunities as well as brings you life changing experiences.

Students from around the world are attracted to Chitkara University for several reasons. This includes our commitment to teaching excellence, research that makes a difference, industry partnerships and our tailored courses.

We are invested in the growth of every student 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.

We look forward to welcoming you as a part of the Chitkara University fraternity.

**STRONG
ACADEMIC
HERITAGE**

Dr. MADHU CHITKARA
PRO CHANCELLOR
CHITKARA UNIVERSITY

Chitkara Education brings with it a reputation for excellence and innovation that has been earned through years of serving the career-needs of the student community.

Chitkara University is known and trusted by the best of employers for preparing graduates who have the knowledge and skills they need to succeed in their workplace.

There are many reasons for choosing Chitkara University. Our students go on to achieve successful careers. We teach in a hands-on and responsive manner. We provide a wonderful learning atmosphere and our research is world-class.

Our industry-relevant curriculum, global exposure, inclusive pedagogy, faculty mentoring and student resilience are all in sync. Our excellent placements bear testimony to all of this.



“The learning environment at **CHITKARA UNIVERSITY** is a unique combination of illustrious faculty, brilliant & intellectual students and proactive industrial collaborations.”

CHITKARA UNIVERSITY



WORLD-CLASS RESEARCH EXCELLENCE



With more than 200 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.

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.

TOP SKILLS



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

STRONG ACADEMIC HERITAGE



Chitkara University has been established and managed by passionate academicians with the sole mission of making each and every student "Industry ready".

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.

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.

TOP 20 RANKING



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

COUNTED AMONG THE BEST



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



5 STARS

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

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.



LEARN FROM THE BEST



You'll 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.



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 170 exchange destinations to consider.



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.





CITY BEAUTIFUL Chandigarh

A MILLION PEOPLE; INFINITE POSSIBILITIES

Chandigarh is undergoing rapid urbanisation and the transformation has been holistic and all-inclusive. Over the years, the city has made remarkable progress in terms of physical infrastructure and business environment and has emerged as an economic growth centre with one of the highest per capita incomes in India.

Ample opportunities are available to work and grow in the IT, BPO and pharmaceutical sectors in the region. It has proven to be a magnet for potential employers and employees.

The open hand is the official emblem of Chandigarh; it symbolises the city's philosophy of being "open to give" and "open to receive". Chandigarh has seen the growth of some major start-ups over the last few years. The city has kept pace with the ever evolving education sector to become one stop destination for all education needs. This makes Chandigarh ideal for students who wish to enjoy the blend of rich culture of city life and the peaceful environment that Chandigarh offers.

Chandigarh is easily accessible from Delhi, Haryana, Punjab, Himachal Pradesh and metropolitan cities with various modes of transportation, viz. buses, trains and direct flights, both national and international, from Dubai, Singapore, Sharjah, etc.



“ Success is not final;
failure isn't fatal:
It is the courage to
continue that counts. ”



MESSAGE FROM CAPT. PRABHATH NIGAM

Vice President- Maritime and Principal
Chitkara University School of Maritime Studies

Success means different things to different people at various stages of their lives. Throughout our lives, we constantly strive to achieve what brings us happiness. Once we achieve success in one area, we don't settle, but continue on our journey to reach new milestones.

To be successful, one must be in sync with the learning process. It is essential to keep upgrading ourselves, as learning never ends. Being open to constant learning is crucial, particularly in today's fast-paced world of rapid technological advancements. As the famous American writer and futurist Alvin Toffler once said, "The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn.

"Personal competencies, such as soft skills - communication, adaptability, enthusiasm, leadership, teamwork, original thinking, and others, should align with our path to success. Diligence is the most critical quality that keeps us moving forward.

To conclude, I quote....

आपूर्यमाणमचलप्रतिष्ठं, समुद्रमापः प्रविशन्ति यद्वत् ।
तद्वत्कामा यं प्रविशन्ति सर्वे, स शान्तिमाप्नोति न कामकामी ॥

Just as the oceans remain undisturbed despite the incessant flow of waters from the rivers, likewise the person who is unmoved despite the flow of desirable objects all around him attains peace, and not the person who strives to attain those desires.

Why Choose Merchant Navy as a Career?

A career in the merchant navy offers a unique combination of opportunities within a single domain. Opting for a career in the merchant navy allows individuals to experience a wide range of different facets, providing exposure in terms of professionalism, adaptability, and travel.

- **High Pay:** The salaries offered in the merchant navy are often quite high, which can be a significant motivator for many people.
- **International Travel:** One of the biggest attractions of a career in the merchant navy is the opportunity to travel to different countries and experience different cultures.
- **Adventure:** For those who are looking for an adventurous career, the merchant navy can provide a lot of excitement and challenges.
- **Job Security:** The demand for skilled professionals in the merchant navy is always high, which can provide good job security.
- **Training and Development:** The merchant navy offers extensive training and development opportunities, which can help individuals to build a successful and fulfilling career.
- **Opportunities for Progression:** There are numerous opportunities for progression and career advancement within the merchant navy, which can provide a lot of long-term career benefits.
- **Job Satisfaction:** Working in the merchant navy can be a highly satisfying and rewarding career, as it offers a unique lifestyle and a chance to make a real difference in the world.



About Chitkara University

School of Maritime Studies

VISION: To be a globally recognized Maritime Institution promoting academic excellence through quality training & skill development.

MISSION: Chitkara University School of Maritime Studies shall facilitate acquisition of the right knowledge, right skills and the right attitude thereby promoting in the candidates a passion for the profession. The School of Maritime Studies will constantly endeavor to expand its frontiers of Knowledge by introducing diverse educational programs meeting the futuristic requirements of the Maritime industry, keeping to its humanitarian ethos, holistic culture, and value system.

QUALITY POLICY: It shall be the constant endeavor of the CU School of Maritime Studies for continual improvement and to provide value added, professional, state-of -the-art learning opportunities in the field of Maritime Studies, complying with STCW Convention and STCW Code requirements, leading to seaworthy and disciplined seafarers for Safer Ships, Cleaner Oceans and Secure Ports.

The Quality Policy is made available to all stakeholders on our website, posted in the campus and is maintained, communicated, and applied within CUSMS.

FOCUS ON QUALITY OBJECTIVES

- Achieve excellence in the acquisition of knowledge and skill with a minimum of 90%pass percentage.
- Strive for grade A1 in the CIP (Comprehensive Inspection Program) of DG Shipping.
- Achieve a minimum of 90% candidate satisfaction.
- Implement training programs to keep faculty members updated.
- Promote innovative thinking by involving UG candidates in project development.

OUR FACULTY / INSTRUCTORS ▶

Our faculty at CUSMS brings a wealth of practical experience and knowledge to the classroom, gained through years of sailing in the maritime industry. They are all adequately qualified as per the requirements of the Directorate General of Shipping (DGS) and undergo regular Faculty Development Programs to enhance their pedagogic skills and keep themselves updated with the latest developments in the industry.

OUR INFRASTRUCTURE ▶

We are committed to becoming a world-class institute in the field of marine education. To achieve this ambition, we are constantly enhancing our infrastructure to promote world-class research and support the all-round development of our seafarers. Our infrastructure is modern and state-of-the-art, providing exceptional services for both our faculty and students.

LABS/ WORKSHOPS ▶

CUSMS is equipped with state-of-the-art laboratories and ECDIS simulators that are approved for cadet training. Additionally, the school has a well-equipped fire mock-up area to train cadets in handling emergencies (FFPF), workshop facilities, a seamanship lab, and a marine workshop with elementary first aid (EFA) equipment. There is also an innovation center that provides a hands-on learning environment for students.

SIMULATOR

Our world-class bridge simulator is essential for the practical, hands-on development of skills in a real navigation environment. It provides work-worthy conditions, allowing for coordination between the ship master, pilot, tug master, and vessel traffic services. This tool is crucial for operational safety and reliability studies of ship maneuvering, as well as for the training and assessment of mariners.



OUR CLASSROOMS -

The School offers spacious, amphitheater-style classrooms with advanced equipment, including overhead projectors, black/white smart boards, maps, and models to create a conducive environment for dynamic discussions, lectures, and presentations. These facilities have been augmented with audio-visual aids to conduct special lessons on various soft skills like effective communication, leadership, teamwork, analytical skills, and etiquette, which help in creating versatile seafarers.

LIBRARY FACILITIES

CUSMS has a spacious library with a reading hall, group discussion area, and online browsing facilities. It houses around 1200 items in various formats including books, journals, and multimedia materials. The library also offers access to over 10,000 electronic journals and daily newspapers. Skilled staff are available to assist students in finding information on marine topics.



CAFETARIA/ MESS

Our mess is designed to meet DGS regulations and provide hygienic, well-ventilated, and spacious dining for cadets. We offer nutritious and wholesome food prepared under strict quality control and monitored by management. Our menus are designed by professional dieticians to provide a well-balanced diet, and we offer a variety of beverages, snacks, and desserts including fresh fruit juices, milkshakes, ice creams, and sundaes.



RESIDENTIAL ACCOMODATION

We provide comfortable and secure accommodation in Chitkara University residencies for students from all over the country. With independent air-conditioned rooms, separate facilities for boys and girls, and round-the-clock internet access, students can focus on their academics in a pleasant environment. The residences are well-equipped with common rooms featuring TVs, indoor games, and recreational facilities, and are overseen by caring wardens and tight security arrangements.

MEDICAL FACILITIES

We provide round-the-clock access to a dispensary and ambulance to handle emergencies, with a first aid kit stocked with necessary supplies and doctors available at short notice. Additionally, we have tie-ups with renowned hospitals that offer substantial discounts to our students and faculty.



SPORTORIUM ▶

Chitkara University School of Maritime Studies offers a range of sports facilities, including football, basketball, tennis, squash, table tennis, snooker, and a gymnasium. Participation in sports is encouraged as it fosters a healthy and vibrant campus culture, builds social connections, and provides co-curricular learning opportunities in time management, conflict resolution, leadership, and teamwork.



◀ SWIMMING POOL

We aim to develop competent professionals in the maritime industry, and our indoor swimming pool, designed with the latest technology and conforming to the DG Shipping requirements, is one of the resources that aid us in achieving that. It also features a section for Personal Survival Techniques Training (PST) and has sufficient seating capacity for the audience during swimming classes and competitions.

Courses Offered

- B.Sc in Nautical Science
- Certificate Course in Maritime Catering (CCMC)
- GP Rating
- Modular Course in Basic Safety Training
- Security Training for Seafarers with Designated Security Duties (STSDSD)



B.Sc in Nautical Science

B.Sc Nautical Science is a three-year undergraduate program that is designed to train and prepare students for a career in the merchant navy. The program covers a wide range of subjects such as mathematics, physics, marine engineering, navigation, and ship operation.

The course curriculum also includes practical training, which is mandatory for all students. During this training, students are required to spend a certain amount of time on board a ship, where they learn about various aspects of ship operation and navigation.

Eligibility:

Passed 12th standard examination with a minimum of 60% marks in Physics, Chemistry, Mathematics. Also, the candidate must have secured a minimum of 50% marks in the English language in 10th or 12th standard.





SEMESTER 1

- English & Communication
- Nautical Mathematics - I
- Nautical Physics
- Fundamentals of Computers - I
- GSK/Seamanship - I
- Navigation Terrestrial - I
- Nautical Physics (Practical)
- Seamanship (Practical) - I
- Chartwork & RoR - I
- Workshop Practice - I
- PT, Parade, Activities

SEMESTER 2

- Meteorology - I
- Nautical Mathematics - II
- Nautical Electricity & Electronics
- Advanced Computers
- GSK/Seamanship - II
- Navigation Terrestrial - II
- Nautical Electricity & Electronics (Practical)
- Seamanship (Practical) - II
- Chartwork & RoR - II
- Workshop Practice - II
- Ship Construction - I
- PT, Parade, Activities

SEMESTER 3

- Meteorology - II
- Cargo Work - I
- Bridge Equipment & Watchkeeping - I
- Engineering Knowledge - I
- GSK/Seamanship - III
- Navigation Celestial - I
- Ship Stability - I
- Seamanship (Practical) - III
- Chartwork & RoR - III
- Workshop Practical - III
- Ship Construction - II
- PT, Parade, Activities

SEMESTER 4

- Meteorology - III
- Cargo Work - II
- Bridge Equipment & Watchkeeping - II
- Engineering Knowledge - II
- GSK/Seamanship - IV
- Navigation Celestial - II
- Ship Stability - II
- Seamanship (Practical) - IV
- Chartwork & Voyage Planning - IV
- Ship Management, Conventions & Maritime Legislation (SMC) - I
- Workshop Practical - IV
- PT, Parade, Activities

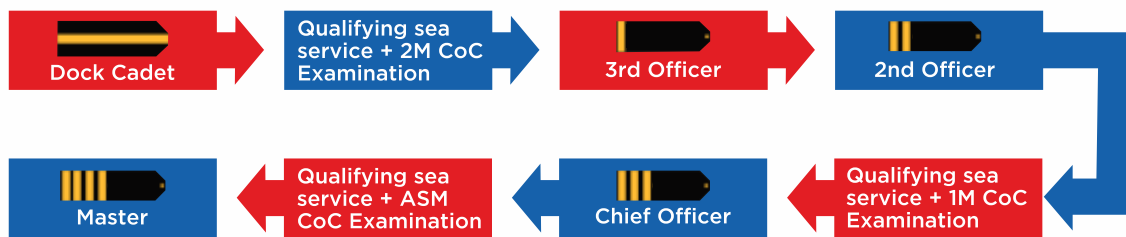
SEMESTER 5

- Chartwork & RoR - V
- Cargo Work - III
- Bridge Equipment & Watchkeeping - III
- Engineering Knowledge - III
- GSK/Seamanship - V
- Environmental Protection
- Ship Stability - III
- Ship Management, Conventions &
- Maritime Legislation (SMC) - II
- Workshop Practical - V
- PT, Parade, Activities
- Boat work - I

SEMESTER 6

- Oceanography
- Cargo Work - IV
- Navigation Lab - Bridge Simulator
Ship Management, Conventions &
- Maritime Legislation (SMC) - III
- Ship Stability
- Workshop Practical - VI
- GSK/Seamanship - VI
- GSK/Seamanship Lab
- HR Management, Development & Leadership
- Ship Construction - III
- PT, Parade, Activities
- Boat Work - II

Career Path After Obtaining Degree in B.Sc Nautical Science



Modular Courses in Basic Safety Training

Chitkara University's modular courses in Basic Safety Training for Seafarers is a specialised training program designed to provide fundamental safety training in the maritime industry. The course is designed to comply with the requirements of the International Convention on Standards of Training, Certification and Watch keeping for Seafarers (STCW), and is of 12-day duration, split into the following modules:

- Personal Safety and Social Responsibility | Duration – 4 days
- Fire Prevention and Firefighting | Duration – 3 days
- Elementary First Aid | Duration – 2.5 days
- Personal Survival Techniques | Duration – 2.5 days

Eligibility:

Candidates interested in BST Modular Courses at Chitkara University must have basic literacy and numeracy skills, besides fulfilling the medical fitness criteria as laid down by the governing body. Generally, the courses are meant for candidates interested in a seafaring career.

INDOS No and Passport is mandatory.





Career Opportunities

Completing a modular course in basic safety training in the merchant navy can provide individuals with a solid foundation of knowledge and skills to work safely in the shipping industry. This can open up various career opportunities in different roles and positions within the industry.

Security Training for Seafarers with Designated Security Duties (STSDSD)

Chitkara University School of Maritime Studies' STSDSD program is a specialised training course work designed to provide fundamental security training to seafarers who work on-board ships. The training program is designed to comply with the requirements of the International Maritime Organisation's (IMO) International Ship and Port Facility Security (ISPS) Code.

The program on Security Training for Seafarers covers the following topics:

- Security Awareness
- Security Responsibilities
- Ship Security Assessment
- Anti-Piracy Measures
- Cyber Security

Completing a program on security training for seafarers assuredly enhances the safety and security of the ship and its crew, and can also improve the employability of seafarers by meeting the industry's regulatory requirements for security training.



Certificate Course in Maritime Catering

Chitkara University School of Maritime Studies' Certificate Course in Maritime Catering is a vocational training program designed to provide candidates with the skills and knowledge required to work as a catering crew member on board ships. The course curriculum covers various aspects of maritime catering, such as food safety, nutrition, menu planning, food production, and galley management.

Course Duration - 6 Months

Eligibility:

Passed Class 10th from any stream with 50% marks. In 10th & 12th standard 40% marks in English.

Either at 10th or 12th standard after completing the Certificate Course in Maritime Catering, candidates can work in various roles on board ships such as a chef, cook, or steward.



General Purpose Rating Course

Chitkara University School of Maritime Studies' General Purpose Rating Course is a pre-sea training program for individuals who wish to work in the deck or engine department of a ship at the support level. The course is approved by the Directorate General of Shipping (DGS).

The GP Rating is a 6-month course and covers various topics related to the maritime industry.

- Maritime English
- Basic Seamanship and Navigation
- Cargo Handling and Stowage
- Basic Marine Engineering Knowledge
- Personal Safety and Social Responsibilities
- Elementary First Aid
- Fire Prevention and Fire Fighting
- Personal Survival Techniques

ELIGIBILITY

- **Age:**
Candidates must be at least 17.5 years old and not more than 25 years old at the time of admission.
- **Educational Qualifications:**
Candidates must have passed the 10th standard examination from a recognized board with a minimum of 50% marks in English, Mathematics and Science.
- **Medical Fitness:**
Candidates must be medically fit as per the standards set by the DGS.
- **Language Proficiency:**
Candidates must be proficient in English, as the course is conducted in English.

CAREER PATH

Completing a GP Rating course in India can open up various career paths in the maritime industry. Some of the common career paths available to individuals who have completed a GP Rating course include:

- Deck or Engine Rating
- Shore-Based Careers
- Fitter
- Oiler



AMENITIES



**BANKS &
ATMs**



HOSPITAL

SPORTORIUM



CAFETERIA



**OPEN AIR
THEATRE**



AUDITORIUM

TUCK SHOPS



GYMNASIUM



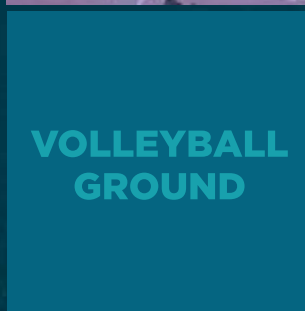
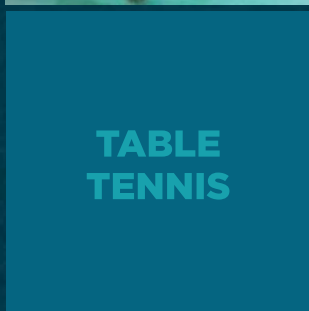
SPORTS



RUNNING TRACK



SWIMMING POOL



Testimonial



“ The journey of CUSMS started like an entry into an ocean that was 95% undiscovered. With a very little insight of Maritime industry and the will to achieve greater heights, I sailed on MV Chitkara. As the voyage progressed, I started to explore, developed interests, and learned so much in such a short span of time just because of teachers and mentors who worked hard to make sure our hands are strong enough to hold the sail of our future and minds sharp enough to helm our life on right course. ”

Arun Sharma,
B.Sc.-Nautical Science (2020-2023), Company Name: Synergy Maritime Pvt. Ltd.

“

Studying B. Sc. Nautical Science at CUSMS has been an incredible journey. Here I was equipped with knowledge and skills needed to navigate the high seas of the maritime industry. The supportive faculty and modern facilities provided a conducive learning environment, setting the course for a promising career in nautical science.



Lalit Gautam,
B.Sc.-Nautical Science (2020-2023), Company Name: Gearbulk Shipowning Ltd. ”



“ What sets CUSMS apart is its emphasis on practical training. From State – of – art simulators to the hands-on approach to learning made all the difference. I’m confident that the real-world exposure I gained here will guide me through the challenges of my future as a maritime professional. ”

Harshit Dubey,
B.Sc.-Nautical Science (2020-2023), Company Name: Gearbulk Shipowning Ltd.

“

I’m grateful for the mentorship I received at CUSMS. The faculty, with their extensive industry experience, not only imparted knowledge but also served as role models. Their guidance and dedication to our success have shaped my understanding of the maritime world, both academically and professionally. I’m excited to set sail into the maritime world with confidence and competence.



Sai Srimann Sah,
B.Sc.-Nautical Science (2020-2023), Company Name: Seaspan Ship Management Ltd. ”

Top Campus Recruiters



CHITKARA
UNIVERSITY




NAAC
ACCREDITED



www.chitkara.edu.in
www.chitkarauniversity.edu.in
admissions@chitkara.edu.in

For more information about the University
give a miss call on 1800 267 1999

 98590 00000

Admissions Helpline
Chandigarh : 95011 05714 | 95011 05715
Delhi/NCR : 95993 68734
Jammu & Kashmir : 95011 05716

CHITKARA UNIVERSITY (PUNJAB)
Chandigarh-Patiala National Highway | Punjab

CHITKARA UNIVERSITY (HIMACHAL PRADESH)
Pinjore-Barotiwala National Highway | Himachal Pradesh

CHANDIGARH INFORMATION CENTRE
SCO 160-161, Sector 9-C