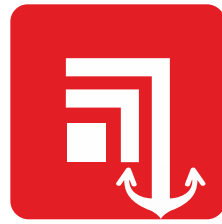


**CHITKARA**  
UNIVERSITY



SCHOOL OF  
**MARITIME**  
STUDIES

APPROVED BY DG SHIPPING, GOVT OF INDIA (MTI No. 106025)

**CHART  
YOUR FUTURE IN  
MERCHANT NAVY...**



Date of Publish:- 14th June, 2021

**CHANDIGARH**





**YOUR DREAMS.  
YOUR GOALS.  
YOUR UNIVERSITY.**

Whatever the dream, Chitkara University can help you get there. Located just 30 km from Chandigarh, our campuses in Punjab & Himachal Pradesh offer a world of learning that will help you reach your goals. Avail the opportunity to get placed at one of the 700+ companies that visit for campus recruitment.

Breakthrough programs. Rising rankings. Outstanding alumni network. Highly rated academic credentials. Unlimited opportunities to embark upon research from day one. Experience global education with 250+ foreign University Partners. Kickstart your startup idea at one of the largest University Incubators. Any discipline you pursue at Chitkara University, your success is assured.



# CHITKARA UNIVERSITY - an overview

Our pride is driven by some of our accomplishments that have been a result of consistent investment in human resources, infrastructure and a laser sharp focus on student success during, and post their education with us.



## STRONG ACADEMIC HERITAGE

Established by passionate academicians with the sole mission of making each and every student "Industry ready".



## COUNTED AMONG THE BEST

Our programs are consistently ranked among the top 50 and the University is ranked among top 20 in the country.



## STRONG CAMPUS PLACEMENT

We have established an unassailable reputation for strong on-campus recruitments with more than 1500+ companies hiring our graduates year after year.



## LEARN FROM THE BEST

You'll work with some of the brightest and most inspiring academicians, lecturers and researchers in the world across all our programs.



## 5 STARS

All our institutions and academic programs are recognised and approved by UGC and various academic regulators.



## CLEANEST CAMPUS

Ranked as one of the cleanest Universities of India in the 'SWACHHTA' ranking of Govt. of India for the year 2019.



## MODERN FACILITIES

We have made huge investments in developing facilities with state-of-the-art labs, design studios, sporting and social facilities.



## LEADING INNOVATION

Our Incubator is the largest in North India with more than 100+ start-ups helping turn students' business ideas into reality.

## COUNTED AMONG THE BEST



Chitkara University has once again been ranked among the Nation's Best in the 2019 NIRF Ranking



The Week-Hansa Research Survey 2019 ranked Chitkara University 6th among 'Non-Government Multi-Disciplinary Universities in North Zone'



Data Quest has awarded Chitkara University as 'Outstanding University with Highest Campus Recruitment 2019'



India Today has consistently ranked Chitkara University among the 'Best in the Country'



Outlook-ICARE India Rankings 2019 ranked Chitkara University highly among the Top 50 Private State Universities list



Careers360 has counted Chitkara University as one of the 'Best in the North Region'





**CHITKARA**  
UNIVERSITY



**SCHOOL OF**  
**MARITIME**  
**STUDIES**

Chitkara University School of Maritime Studies, associate institution of Chitkara University is the first institution in Punjab to get Directorate General of Shipping (DGS) , Ministry of Shipping, Government of India approval for the following programs

- **3-Year B.Sc in Nautical Science**
- **Basic Safety Training**
- **Security Training for Seafarer with designated security duties**

We aspire to become the centre of excellence for Marine Education in North India and build upon already strong academic heritage of Chitkara University.



### **MISSION STATEMENT:**

Chitkara University's School of Maritime Studies shall facilitate acquisition of the right Knowledge, right Skills and the right Attitude thereby promoting in candidates a passion for the profession. The School of Maritime Studies will constantly endeavour 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.

### **VISION STATEMENT:**

To be a globally recognized Maritime Institution promoting academic excellence through Quality Training & Skill development.

### **CORE VALUES**

Chitkara University School of Maritime Studies' work will be based on ten core values:

- |                        |  |
|------------------------|--|
| <b>Leadership:</b>     | Serve as national leaders in maritime and oceans in professional education, research, training and capacity building |
| <b>Integrity:</b>      | Act equitably, impartially, and fairly in all actions  |
| <b>Respect:</b>        | Behave professionally and earn respect of others, both within and outside the organization                           |
| <b>Accountability:</b> | Ensure transparency and accountability in actions and outcomes   |
| <b>Collaboration:</b>  | Develop and maintain effective working relationships and strong partnerships at all levels                           |
| <b>Innovation:</b>     | Treat problem solving and work tasks with ingenuity  |
| <b>Transparency:</b>   | Encourage open communication and provide access to information   |
| <b>Efficiency:</b>     | Strive for timely, cost-effective, and accurate results  |
| <b>Compliance:</b>     | Ensure that policies are implemented and complied with   |
| <b>Sustainability:</b> | Support the sustainable development goals and actions relating to the maritime and ocean sectors                     |





## Technology Partner

# ARI

As a technology partner, ARI brings to the table over three decades of expertise in digital and simulation solutions for enhancing the education and training of students across the globe. A powerful learning and assessment platform will be available for the students of Chitkara School of Maritime Studies providing an unparalleled digital learning and assessment experience.

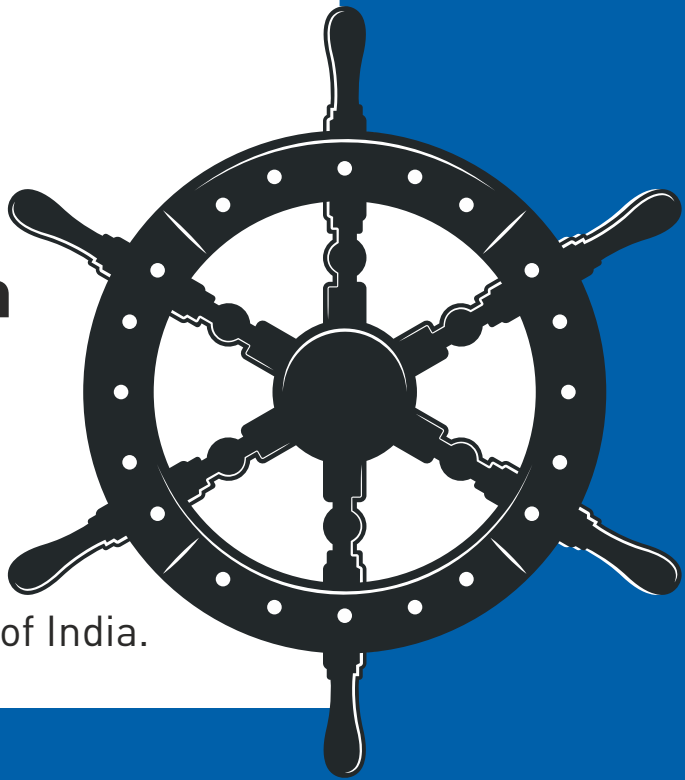
Chitkara University School of Maritime Studies collaboration with ARI as technology partner ensures that the students will have the opportunity to learn using state of the art simulation and VR frameworks. They will be trained to the highest benchmarks needed for the 21st century maritime workforce. It is anticipated that the Chitkara-ARI learning experience will have a significant impact on “hands on” skills & proficiency and readiness for employment opportunities for ever expanding maritime studies.





# **B.Sc. NAUTICAL SCIENCE Residential Program Duration - 3 Year**

Duly Approved by  
Directorate General of Shipping,  
Ministry of Shipping, Government of India.



## **INTRODUCTION**

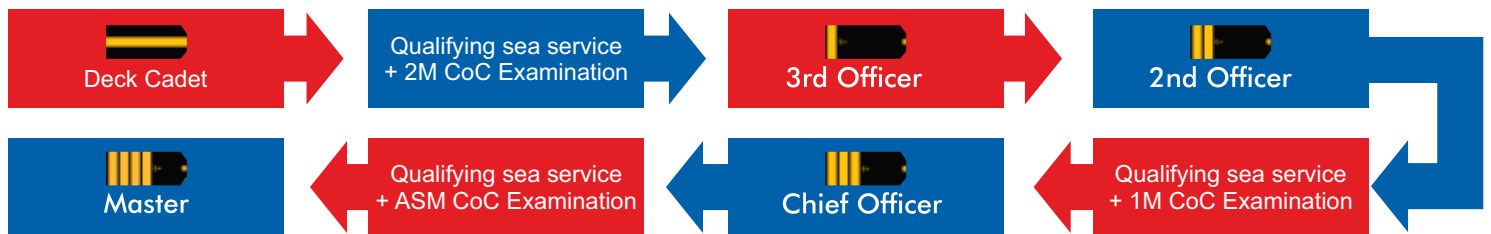
Nautical Studies deals with navigation, cargo operations, maintenance of ship and all legal and commercial matters pertaining to shipping business. Deck officers look after the Safety related to lifesaving and fire fighting. They participate in navigating the vessel across the oceans and along the coast. In port all cargo operations are either undertaken by them or conducted under their direct supervision. The Captain of the ship is the ultimate authority and responsible for maintaining the administration onboard. He is also the custodian of the cargo which is carried on his ship, thus making him liable for all legal & commercial matters.

Ships have always been the most efficient mode of transporting goods. This fact has not changed over the centuries even though technology has made enormous strides. In fact, the maritime industry has effectively harnessed technology to become increasingly more efficient and thereby sustain its comparative advantage over other forms of transport. The growth of global trade has led to a commensurate growth in the world fleet to well over 50,000 ships plying the world's oceans today.

A Deck Officer aboard a ship needs to function in the selfcontained environment of a ship at sea and must also demonstrate additional skills such as fire fighting and damage control, boathandling and the ability to carry out rescue operations in an emergency. Further, ships are required to remain in operation 24 hours a day, 365 days a year. All this makes the Deck Officer's job extremely challenging and demanding. At the same time the opportunity to travel the world, work with global organizations and experience varied technologies make navigation and ship handling an exciting career.



Flow Chart depicting progress after obtaining B.Sc. Nautical Science

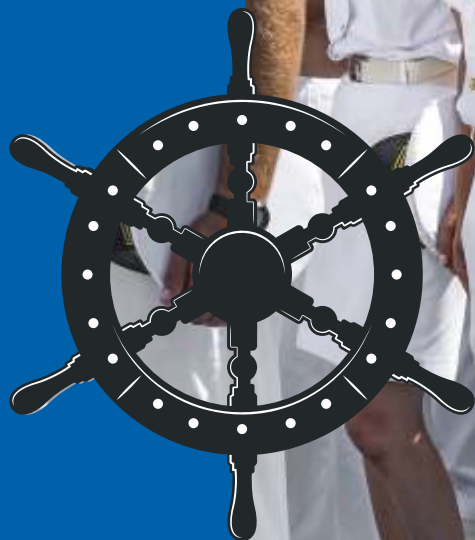


## CAREER PATH AS NAUTICAL SCIENCE

Opportunity to work as a Deck Cadet on Merchant Ship of Indian or Foreign companies after completing the course. On completion of the stipulated periods on the ship and passing Competency Examinations conducted by Directorate General of shipping, Ministry of Shipping, Government of India, Deck Cadet eventually becomes eligible to be posted as Captain of a Ship.

- As Deck Cadet -3 Years Degree (Nautical Science)+ Five Basic STCW modular courses
- Third Officer/ Second Officer - Specified sea service as a Deck Cadet+ 2nd Mate (FG) Certification
- Chief Officer - Specified sea service + First Mate (FG) course + Modular Courses + 1st Mate (FG) Certification
- Master (Captain) – Specified sea service + 1 month ASM Course + Master (FG) certification.





## B.Sc. NAUTICAL SCIENCE CURRICULUM

### Semester I

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

### Semester II

Meteorology - I  
Nautical Mathematics - II  
Nautical Electricity & Electronics  
Fundamentals of Computers - II  
GSK/Seamanship - II  
Coastal Navigation  
Nautical Electricity & Electronics (Practical)  
Seamanship (Practical) - II  
Chartwork & RoR - II  
Workshop Practice - II  
Ship Construction - I

### Semester III

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

### Semester IV

Meteorology - III  
Cargo Work - II  
Bridge Equipment & Watchkeeping - II  
Marine Engineering - 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

### Semester V

Meteorology - IV  
Cargo Work - III  
Bridge Equipment & Watchkeeping - III  
Marine Engineering - III  
GSK/Seamanship - V  
Environmental Protection  
Ship Stability - III  
Ship Management, Conventions & Maritime  
Legislation (SMC) - II  
Workshop Practical - V  
Boat work

### Semester VI

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

After completion of the course, Students will be placed for ON-BOARD training as per DG Shipping norms, making them eligible to give competency exam for their promotions.



## ELIGIBILITY

- Pass in 12th Standard or equivalent examination with Physics, Chemistry, Mathematics and English as separate subjects with a PCM average of not less than 60%.
- 60% in 12th standard with Physics, Chemistry & Mathematics.
- Medical Fitness: As per Directorate General of Shipping (DGS) Norms
- Eyesight: No color blindness, Unaided 6/6 vision in both eyes
- Age Limit: 23
- Qualified in IMU CET
- Passport is mandatory to process INDoS
- All Applicants will undergo an entrance test of Chitkara University School of Maritime Studies. This test comprises of MCQ type Questions on Maths, Physics, Chemistry, English and General Aptitude covering syllabus of Class Xth to XIIth, similar to IMU CET.

## Fees

Students will be charged semester fees of **Rs.1,75,000 /-** which will include the following-

- The Complete Academic Fee per Semester with highly competent experienced faculty to impart Theory/Practical Training in State of the Art Classrooms.
- Hostel Charges per semester for AC three seater room.
- Healthy nutritious, high caloric rotational weekly menu to include variety in all daily 4 meals.
- Full unlimited laundry facility.
- One time two complete sets of summer/winter/ceremonial and sports uniform.
- Set of all technical text books authored by well experienced authors per semester.
- Sports period will be observed in State of art indoor stadium
- Swimming pool for students to hone their skills.
- A modern fully air conditioned indoor Gymnasium at a highly subsidised rate
- Spacious Food Court with variety of menu at a highly subsidised rate.
- Tie up with Multi speciality hospital with facility of round-the-clock doctor.

## Fees Structure

### Annual Fees for B.Sc. (Nautical Science)

Particular	Rs.
Admission / Reg Fees	10,000
Annual Tuition Fees	1,60,000
Uniform	20,000
Books & Stationery	10,000
Hostel - 3 sharing AC Room, common toilet	1,14,000
Mess Charges	30,000
Laundry	6,000
Total (Annual Fees)	3,50,000



# STUDENT LIFE EXCITEMENT REDEFINED







# 100+ STUDENT CLUBS



**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 100+ student clubs and organisations based on a wide range of academic, cultural, and recreational areas of interest, you can find a way to express yourself.









[www.chitkara.edu.in/marine](http://www.chitkara.edu.in/marine)  
[admissions@chitkara.edu.in](mailto:admissions@chitkara.edu.in)

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

Admissions Helpline  
+91 95011 05633

**CHITKARA**  
UNIVERSITY



SCHOOL OF  
**MARITIME**  
STUDIES

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