



# COLLEGE OF SHIP TECHNOLOGY

The only institution in India to offer a comprehensive SBR course approved by a University

Looking for an exciting  
career in a leading industry?



## 2 YEARS DIPLOMA IN SHIP BUILDING & REPAIR

Course approved by Det Norske Veritas, Norway



### ADMISSION OPEN

Eligibility

+2 Pass in Any Stream, ITI, VHSC



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Mariners Educational Trust is established with the aim of imparting Marine Education and Skill Development to all sections of the society by a collective of mariners working in the shipping field. Realising the phenomenal potential of employment in the marine field and lack of availability of skilled and qualified personnel globally, the trust decided to conduct College of Ship Technology, to impart world class training in Ship Building and Repair at affordable expenses.

This college has been running various training programs in Ship Building and repair since 2007. College has conducted Ship Production & Repair courses approved by DNV Norway, BSc. Ship building and Repair under Indian Maritime University, Ship Wright course, and various other certification courses in specialised field of Ship Building and Repair. All students passed out from here are placed well in shipping industry.

## SCOPE

The major problem faced by ship building industry is the "Delayed Delivery" of the ship with "low quality" compared to leading ship building nations. Both problems are directly linked with availability of trained manpower. This has been mentioned in the report prepared in 2013 by Dept of Scientific and Industrial Research, Ministry of Science and Technology, GOI. Major ship building Countries like China, South Korea, Japan, Germany etc has shortages of skilled man power. The vital part is creation of Multi skilled Technicians in various aspects of Ship Production and Repair. They have vast opportunities globally.

Govt. of India through its "Sagarmala Project" has high ambition in Indian Ship building and Port facility up gradation. GOI's Make in India & Skilling India will lead this industry to new heights of success. Modernisation of Industry will make high demand for skilled man power.

Presently College of Ship Technology is the only one institution in our country which conducts these specific courses to meet the huge demand of the industry. It is the only institution which has most modern equipments

for practical training, large work shop facility and tie up with several shipyards for Shipyard training.

## COURSE CURRICULUM

The course is practical oriented with specialization in Ship design, Production and Repairs. Curriculum also have courses in Engineering Graphics, Mechanics, Materials, Machinery, Marine Electrical & Electronics, Industrial Management, CAD, Ship drawing, Ship construction, Machinery installation and Seamanship. Course is of four semesters. 70% of the course is for practical skill development. Three weeks training at Shipyard.

## EMPLOYMENT POTENTIAL

The course curriculum covers industry requirements for employment in Shipyards and Marine related industries such as Oil & Gas, Offshore, Ports & Harbours, Classification societies, equipment manufacturers & service, Merchant Navy etc in India and abroad. Middle East, Europe and Far East countries do not employ Technicians without a government approved University Degree. In light of above, this program will provide huge employment opportunity to the young generation. Their work criteria changes according to the type and domain of the company they are working with. As the industrial sector has drastically risen in pace and technology the need for more technically trained professionals has increased exponentially.

## CAREER GROWTH PROSPECTUS

Successful candidates can start their career as Technician in shipyards and various companies, subsequently elating to highest levels in any organization. They can also go for higher studies and specialization programs like. They also have opportunity in Marine Fitters.





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Course approved by  
DNV - GL

## OBJECTIVE

The programme is designed to educate and train the students in Shipping Technology with a view to perform multi functions in shipping Industry.

## PROGRAMME STRUCTURE

The programme will have four semesters. The programme is designed as a combination of Lecture, Practical's at workshops, Ship visit and attachment at a shipyard.

## ENTRY REQUIREMENTS

Candidate will have to satisfy the entry requirement of a pass in plus 2 examination (10+2) in any stream, ITI, VHSC or any equivalent.

## INTAKE STRENGTH

There will be only 30 students in one batch to ensure individual attention and skill development.

## ATTENDANCE

The students are required to have 80% attendance in each semester as requirement to appear for the respective semester exams.

## EXAMINATION

At the end of each semester, an examination will be conducted. The examination will cover all the subjects covered during the semester. The maximum marks for each subject is 100 and is composed as below:

Sessional Assessment - 30 Marks Exam - 70 Marks

The students are required to get 50% in each of the above to get a pass in the subject. A student is considered to have completed a semester if he/she obtains pass mark in all the subjects of the semester.

## AWARD OF DIPLOMA

A student is eligible for award of Diploma only if he/she successfully completed the programme within the stipulated period and obtain pass in all the subjects in the manner prescribed.

## GRADATION

The Degree will be awarded with the following grade:

Range of Marks (Average of all Subjects)	Grade
90-100	Ex
80-89	A
70-79	B
60-69	C
50-59	D
Less than 50	Fail

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## COURSE CURRICULUM

### SEMESTER 1

1	SBR101	English
2	SBR102	Mathematics
3	SBR103	Strength of Materials
4	SBR104	Seamanship, Painting
5	SBR105	Marine Elec.& Electronics I
6	SBR106	Engineering Drawing
7	SBR107	Tools & Fitting-I
8	SBR108	Welding Tech -I

### SEMESTER 3

1	SBR301	Store Management
2	SBR302	Safe working Practices
3	SBR303	Ship construction
4	SBR304	Marine Mach. & Aux.
5	SBR305	Marine Elec.& Electronics III
6	SBR306	Machine & Ship Drawing
7	SBR307	Tools & Fitting-III
8	SBR308	Welding Tech -III

### SEMESTER 2

1	SBR201	Management & Supervision
2	SBR202	Scaffolding
3	SBR203	Ship construction
4	SBR204	Seamanship, Painting II
5	SBR205	Marine Elec.& Electronics II
6	SBR206	CAD
7	SBR207	Tools & Fitting-II
8	SBR208	Welding Tech -II

### SEMESTER 4

1	SBR401	Fire Fighting
2	SBR402	Safe working Practices
3	SBR403	Ship construction
4	SBR404	Hydraulics, Pneumatics & Air condition
5	SBR405	Marine Elec.& Electronics IV
6	SBR406	Shipyards Practice
7	SBR407	Tools & Fitting- IV
8	SBR408	Welding Tech -IV



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