DEPARTMENT OF SHIP TECHNOLOGY

COCHIN UNIVERSITY
OF SCIENCE & TECHNOLOGY

PLACEMENT BROCHURE 2022-2023

SHIPTECH.CUSAT.AC.IN

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COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Cochin University of Science and Technology was initially constituted as the University of Cochin through an Act of the Kerala Government on 10th July 1971. The University of Cochin was re-constituted as Cochin University of Science and Technology in February 1986, redefining its objectives as "Promoting Graduate and Post-Graduate studies and Advanced Research in Applied Sciences, Technology, Industry, Commerce, Management and Social Sciences."

It has spread its wings far and wide to encompass new and emerging frontiers across the intellectual horizon. The University's motto is "Tejasvi Navadhithamastu", which conveys, "May the wisdom accrued deify us both - the teacher and the taught - and percolate to the universe in its totality".

During the last five decades of its existence, CUSAT has registered steady growth and has earned recognition as one of the highly reputed and internationally acclaimed Indian Universities. The University has academic links and exchange programmes with several institutions across the globe. The emergence of CUSAT as the single Indian university chosen for long-term financial assistance by the Government of the Netherlands under the MHO programme eloquently testifies to its proud record of academic achievements and strengths.

The University takes pride in its envious record in campus selection and is a favourite destination for many renowned MNCs for recruitment. CUSAT is also proud that its alumni adorn vital positions in many highly acclaimed R&D institutions and companies in India and abroad. This pool of highly successful and talented alumni is a living testimony to the aspirations of this University.

50 YEARS
CELEBRATING KNOWLEDGE

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവ്വകലാശാല
1971-2021
സുവർണ്ണജൂബിലി

DEPARTMENT OF SHIP TECHNOLOGY

The Department of Ship Technology is one of the pioneers of Naval Architecture & Shipbuilding education in India. It was established in 1974, with a B.Tech programme, in technical collaboration with the University of Rostock, Germany. Since then, the department has produced many graduates who excelled in Naval Architecture, Offshore Engineering, and other allied fields and made a valuable contribution to this industry. The institute is recognised as a Centre of Excellence by the Indian Navy, and currently, 60 cadets from the Indian Navy pursue the B.Tech course from the department. The Department also offers M.Tech., PhD programmes and research & consulting projects financed by Cochin Shipyard Ltd., ClassNK, and DRDO laboratories like NSTL, NPOL, and CVRDE.

The Department of Ship Technology has also been functioning as a nodal centre for Inland Water Transport and provides consultancy services to various organisations such as Kerala State Water Transport Department, Kerala Shipping and Inland Navigation Corporation, Kerala Tourism Development Corporation etc. The Ministry of Shipping, Government of India, has approved the B.Tech course for the M.O.T. Certificate Examination, and the Indian Navy has recognised this department as a centre for the higher education of its officers. The system is accredited by the Royal Institution of Naval Architects (RINA), UK and satisfies the Engineering Council (UK) requirements for the registration. An academic collaboration took birth with Chosun University, the Republic of Korea, in 2003, where students were exchanged.

DOST maintains collaborations with IIT Madras, IIT Kharagpur, Naval Science and Technological Laboratory (NSTL), Shipyards, Classification Societies and many Foreign Universities. These organisations extend their facilities and expertise to impart training to the B.Tech students. The students obtain practical knowledge from all these sources through regular visits and training programmes. Its highly qualified faculty members have published more than 300 research papers in technical journals of National and International repute. The department successfully launched the M.Tech programme in Computer Aided Structural Analysis and Design (CASAD) in 1995-96. The Department commenced the PhD programme in 1996. Structures (Marine and Civil), Ship/Marine Hydrodynamics, Ship Stability, Ship Recycling, Naval Architecture (Shipbuilding, Computer Applications), Shipbuilding Materials, Power Quality of Ship's Electrical Systems, Motor Control for Underwater Applications and Corrosion Protection are some of the research areas that the department is sought after for.

Message from the HOD

The Department of Ship Technology at Cochin University of Science & Technology (CUSAT), which commenced in 1975, is one of India's shining beacons in the field of Naval Architecture and Shipbuilding education. The Indian Navy has selected this Department as the Center for Higher Education, since 1987. The Department has accreditation from the Royal Institution of Naval Architects (RINA), UK and has collaborated with the University of Rostock, Germany, in the past. We also have collaborations with the leading shipyards and universities in India and abroad.

We are not only striving hard constantly, to maintain the high quality of student learning outcomes, but also to demonstrate our commitment to remain dynamic. Our students capitalise on the opportunity to pursue a wide range of students' activities to enrich their technical skills in multi-faceted areas under the Society of Naval Architecture Students (SNAS).

The graduates of our flagship Naval Architecture & Ship Building (NA&SB) programme have generated global acclaim for the Department, by surpassing the expectations of recruiters and peers, for well over 43 years. Our global alumni have created a strong legacy in shipbuilding and allied maritime industries.

We remain committed to deliver a system that genuinely balances the three stakeholders viz. the Students, the Institute, and the Recruiters. We are conscious that such success arises from the joint endeavours of our talented students, dedicated faculty, successful alumni, and the continued confidence of recruiters in the knowledge and skills sets of the graduates of this prestigious institute.

I am pleased to invite you to be a part of the final Placement Season for the students of the 44th batch of the Department of Ship Technology. You are a part of our journey towards excellence, and your contribution is vital in making us feel proud of our achievements.

Sincerely,
Dr. Satheesh Babu P. K.
Head of the Department
Department of Ship Technology, CUSAT

Message from the Faculty Placement Co-ordinator

Over five decades of existence as a premier institution, the Department of Ship Technology of Cochin University of Science and Technology made constant efforts to provide knowledge-based expert services to satisfy the needs of the industry and thus helping in building a positive attitude in the young minds of this generation and prepare the youth to face the challenges of the shipping industry.

In our curriculum, we seek to explore the frontiers of knowledge and reveal new horizons of change, broaden mindsets and create a positive attitude in our students. Apart from the curriculum, our students are also exposed to rich industrial experience by means of guest lectures, live industrial projects and visits. Besides, our students undergo four-week long summer internships in reputed organizations as part of their academic requirements. As a result of constant endeavour by the members of the Training and Placement Cell under the guidance of the honorable Head of Department, the institute has succeeded in obtaining overwhelming responses from various recruiters last year.

My gratitude is due to our regular recruiters who have shown consistent faith in the Department's value system. Also, with great warmth, I graciously welcome recruiters to join us this season and look forward to an everlasting symbiotic relationship with them. The story of a successful placement season is incomplete without due acknowledgement of the laudable and unwavering support of the distinguished alumni of the institute. Last but not the least, appreciation is in order for the students across the batches who have upheld the qualities and values of the Department, proclaims and simultaneously ensure the culmination of a smooth and flawless placement season.
Looking forward to a mutually beneficial relationship,

Aravind K R
Asst. Professor & Faculty Placement Coordinator
Department of Ship Technology,
CUSAT

B.Tech Programme in Naval Architecture & Ship Building

The B.Tech course in Naval Architecture & Shipbuilding conforms to international standards with a comprehensive curriculum designed to impart modern education to Students about Naval Architecture, Shipbuilding Engineering, and related fields like Ocean Engineering and Marine Engineering. The duration of this course is four academic years consisting of 8 semesters. This is a sandwich programme with practical training in shipyards, ship design firms and related organisations during summer vacations for up to 8 weeks. A thorough grounding in computer skills is provided through the latest software in the marine industry.

Practicals in Ship Resistance and Propulsion, Seakeeping and Manoeuvring, are conducted at Naval Science and Technological Lab, Visakhapatnam, during the 6th semester of the course. The course culminates in an individual Ship Design project covering hull form design, structural design, powering and propeller design, general arrangement and layout design, along with the required checks on dead weight, stability, capacity, freeboard etc. A particular assignment on a ship-related topic is also done as part of the project. An outcome-based syllabus has been implemented to increase the quality of education in both the B.Tech and M.Tech programmes, thereby making the department eligible for NBA accreditation.

Course Structure

Naval Architecture Subjects:

- Introduction to Ship Technology
- Basic Ship Theory
- Stability of Ships
- Resistance of Ships
- Propulsion of Ships
- Controllability of Ships
- Ships Motions in Seaway
- Ship Structural Analysis
- Structural Designs of Ships
- Ship Design
- Ship Production Technology
- Ship Production Management
- Marine Engineering
- Electrical System on Ships and Shipyards
- Joining Techniques in Shipbuilding Technology
- Computer-Aided Ship Design
- Shipbuilding Materials, Corrosion-Prevention & Protection
- Computational Fluid Mechanics in Marine Technology
- Ship Repairing and Surveying
- Refrigeration and Air Conditioning of Ships
- Inland Water Transport

Engineering Subjects:

- Engineering Mechanics
- Engineering Graphics
- Electrical Engineering and Electronics
- Machine Drawing
- Fluid Mechanics
- Mechanics of Solids
- Applied Thermodynamics
- Analysis of Structures
- Material Science
- Design of Machine Elements
- Computer-Aided Design & Drafting

Lab and Workshop:

- Fitting, Welding, Carpentry & Machine Shops
- Electrical Engineering Lab
- Fluid Mechanics Lab
- Model Making Lab
- Material Testing Lab
- Marine Hydrodynamics Lab

Management Subjects:

- Technical Communication
- Engineering Economics and Management
- Production Management and Operation Research

Department Faculty

Dr Cdr Satheesh Babu P. K.
(Head of the Department)
B.Tech. (Naval Architecture, CUSAT)
PG Diploma (Naval Construction in Warship & Submarine Design, IIT Delhi)
M.Tech. (Corrosion Science & Engineering, IIT Bombay)
PhD (CUSAT)
PG Diploma (Management, Indira Gandhi National Open University)

Dr. A. Mathiazhagan
M.Sc. (Applied Science, Anna University, Chennai)
M.E. (Metallurgical Engineering, NIT Trichy)
PhD (CUSAT)

Dr. C. B. Sudheer
B.Tech. (Naval Architecture, CUSAT)
Dr. Ing. (University of Rostock, Germany)

Dr. Rajesh P. Nair
B.Tech (Mechanical Engineering, LBS College, Kasargod)
M.Tech (CASAD, CUSAT)
PhD (Applied Mechanics, IIT Chennai)

Dr. Favas T. K.
B.Tech. (Mechanical Engineering, Govt. Engineering College, Thrissur)
M.Tech.(Industrial Refrigeration Engineering, TKM College of Engineering, Kollam)
PhD (Mechanical Engineering, NIT Calicut)

Mr. Akram P. A.
B.Tech. (Civil Engineering, CUSAT)
M.Tech. (Civil Engineering, NIT Calicut)

Mr. Mohammed Ashiqu
B.Tech. (Naval Architecture, IIT Kharagpur)
M.Tech. (Naval Architecture, IIT Kharagpur)

Dr. K. Sivaprasad
B.Tech. (Naval Architecture, CUSAT)
M.Sc. (University of Strathclyde, Glasgow, UK)
PhD (CUSAT)

Dr. P. Krishnankutty
B.Tech (Naval Architecture, CUSAT)
M.E (Ocean Engineering, Stevens Institute of Technology, New Jersey, USA)
PhD (Marine Hydrodynamics, IIT Madras)

Dr. D. D. Ebenezer
B.Tech (Naval Architecture, IIT Madras)
M.S (Ocean Engineering, University of Rhode Island)
PhD (Ocean Engineering, University of Rhode Island)

Dr. Manoj T. Issac
B.Tech. (Civil Engineering, T.K.M. College of Engineering, Kollam)
M.Tech. (Ocean Engineering, IIT Madras)
PhD (Memorial University of Newfoundland, Canada)

Dr. Beena Mary John
B.Tech. (Civil Engineering, CUSAT)
M.Tech. (CASAD, CUSAT)
PhD (Dept. of Applied Mechanics and Hydraulics, NIT Surathkal)

Mr. Aravind K. R.
B.Tech. (Naval Architecture, AMET University)
M.Tech. (Marine Engineering, CUSAT)

Mr. Anoop C.
B.Tech. (Naval Architecture, CUSAT)
MEng. (Naval Architecture, University of New Orleans, USA)

Department And the Indian Navy

The Indian Navy, since 1987, has been sponsoring Officer Cadets for the four years Btech program in Naval Architecture and Ship Building at the Department of Ship Technology. Every year, 15 Officer Cadets from the Indian Naval Academy get admitted to the department after initial training for six months at the Indian Naval Academy. The Principal Goal was to develop a new generation of Naval Architects capable of meeting the needs of Design, Construction and Research & Development of Indigenous Warships of the Indian Navy.

The Naval Construction Wing

The Naval Construction Wing located at Naval Base Kochi is a premier training centre for Naval Architect Officers of the Indian Navy. The training at the Naval Construction Wing is complex and unique, wherein the Officer Cadets who undergo B.Tech at CUSAT are imparted with naval training at Naval Base, Kochi. As part of naval training, they follow a rigorous routine that includes physical activities such as Games, Swimming, Firing, Parade, Drill etc. and Naval orientation. The trainees from NCW are dependent on Cochin University for their academic curriculum, where they attend regular classes at the Department of Ship Technology with their civilian counterparts and represent the Department in various technical paper presentations, seminars, and sports. The main objective of the Naval Architecture training is to create future Naval Architects who are professionally proficient and academically sound. NCW (Kochi) has produced almost 300 Naval Architect Officers for the Indian Navy who are presently involved in state-of-the-art Ship design, Shipbuilding and other operational roles.

Faculties from the Indian Navy

The Naval Officers posted at NCW share the academic load at the DOST by taking classes for various subjects. They are also involved as Project guides and Project coordinators for Final year B.Tech projects.

Cdr Deepak Sebastian

B.Tech. (Naval Architecture, Cochin University of Science and Technology)
M.Tech. (CASAD, Cochin University of Science and Technology)
PG Diploma (Naval Construction in Warship & Submarine Design, IIT Delhi)

Lt. Cdr Nitin Sharma

B.Tech (Naval Architecture, Cochin University of Science and Technology)
M.Tech (Naval Architecture, IIT Kharagpur)
PG Diploma (Naval Construction in Warship & Submarine Design, IIT Delhi)

Department Facilities

Computer Lab

A Computer Lab equipped with the latest Ship Design & Analysis software such as:

- AVEVA Marine
- AutoCAD
- General Hydrostatics (GHS)
- NavCad
- Rule Books of ClassNK, IRS
- MIKE from OHi (2002 release)
- DNV Software

The Computer Lab is also set up with High-End Workstations such as:

- CATIA
- Star CCM+
- ANSYS
- Orcaflex
- ABAQUS

Library

The department library is fully automated and is one of the best in the University. It is balanced and is rich in collection with more than 10,000 books and journals in Naval Architecture & Shipbuilding. The library subscribes to international periodicals, including RINA and SNAME transactions.

Hi - Tech Classrooms

All classrooms are equipped with projectors helping students with a visual aid to understand the subject and ease learning better.

Model Room

The model room consists of an engine room model, handed over by Cochin Shipyard Ltd and the ship models made by the students.

Workshops & Laboratories

Laboratories and workshops for enhancing basic engineering skills include a filling shop, welding shop, machine shop, fluid mechanics lab, and an electrical lab.

Online Recruitment Facility

The Department is well equipped with all the amenities required to conduct a smooth online recruitment drive.

Summer Internships

Students undergo summer training programs at various Shipyards and Maritime-related firms as an integral part of their curriculum. It provides an interface between the students and the Shipbuilding industry, which creates a better understanding of the fundamental activities in the global shipbuilding industry.

List of major companies offering training to students of the Department of Ship Technology:

India	Buoyancy Consultants And Engineering
	Chowgule Shipyard Pvt Ltd.
	Cochin Shipyard Ltd.
	Garden Reach Shipbuilders And Engineers
	Goa Shipyard Ltd.
	Green Ship Technologies
	Indian Register Of Shipping
	Mazagon Dock Shipbuilders Ltd.
	Conceptia Software Technologies Pvt. Ltd.
	Hindustan Shipyard Ltd.
	L&T Shipbuilding Ltd.
	Lloyd's Register Of Shipping
	Naval Science And Technological Laboratory
	Navgathi Marine Design Pvt. Ltd.
	S&O Maritime Services Pvt. Ltd.
	Smart Engineering Design & Solutions Pvt. Ltd.
Middle East	Aries Marine & Engineering Services
	Great Waters Maritime LLC
	Ali & Sons Co. LLC
	Drydocks World
	Gl Noble Denton
	International Shipping Bureau
	Lamprell PLC
	Nakilat Damen Shipyards
	Nautical Lines
	Schlumberger
	Technomak Energy International
	Topaz Energy And Marine
South Korea	NOSQ STX Shipbuilding Co. Ltd
Japan	Mitsubishi Heavy Industries
	Oshima Shipbuilding Co. Ltd
USA	A.B. Marine
Singapore	Keppel Singmarine Pvt Ltd
Cyprus	Global Maritime Consultants Group
Germany	Bernard Schulte Shipmanagement

Our Past Recruiters

India	Capital Ship Solutions
	Cochin Shipyard Ltd.
	Garden Reach Shipbuilders & Engineers Ltd.
	Goa Shipyard Ltd.
	Green Ship Technologies
	Hindustan Shipyard Ltd.
	Indian Navy
	Indian Register of Shipping
	Larsen & Toubro Shipbuilding Ltd.
	Mazagon Dock Shipbuilders Ltd.
	Maritime Associates India Pvt Ltd.
	Naval Science and Technological Laboratory
	Smart Engineering and Design Solutions Pvt Ltd.
	Vedam Design
	Zebec Marine Consultants and Services Pvt Ltd.
Cyprus	Global Maritime Consultants Group
Middle East	Albwardy Damen
	Abnormal Load Engineering Ltd.
	Aries Marine and Engineering Services Pvt Ltd.
	Drydocks World
	Eagle Marine
	Grandweld Shipyards
	Great Waters Maritime LLC
	Green Palm Marine Consultancy Ltd.
	GL Noble Denton
	J Ray Mcdermott
	Lamprell
	Nakilat-Keppel Offshore & Marine Ltd.
	Nautical Lines Pvt Ltd.
	Nordmarin LLC
	Technomak Ship Repair LLC
	Ultra Marine Middle East Services
Japan	ClassNK
	Mitsubishi Heavy Industries Ltd.
	Oshima Shipbuilding Co. Ltd
Singapore	SeaTech Solutions International (S) Pte Ltd.
	Cybermarine
	Drydocks World
	Keppel FELS Offshore & Marine
	Offshore Construction Specialists
	Thome Group
Korea	Daeyang Shipyard
	STX Offshore & Shipbuilding Co. Ltd.
USA	American Bureau of Shipping
	GTR Campbell Marine Consultants
Norway	DNV
Germany	Bernard Schulte Shipmanagement
UK	ABL Group

Recent Recruiters

GREATWATERS

IRCLASS
Indian Register of Shipping

ALBWARDY DAMEN

GRSE

DNV *

LARSEN & TOUBRO

SEATECH
Trusted Solutions

ABL

EagleMarine
We serve confidence

GMCG
GLOBAL MARITIME CONSULTANTS GROUP

CSS
INTEGRATED MARITIME SOLUTIONS

ClassNK

cybermarine

VEDAM

BSM *

MA *

SEDS

GREEN SHIP TECHNOLOGIES

MCDERMOTT

THOME GROUP

OUR ENTERPRISING ALUMNI

Academic rigor and international and industry exposure have ensured that the people who graduate from the institute are well equipped to handle positions, of great responsibility in the best firms around the world.

1500+

Strong alumni base built over 47 years

Message from the

INDUSTRY LEADERS

Madhu S Nair

Chairman and Managing Director, Cochin Shipyard Ltd.

The Department of Ship Technology, CUSAT, has contributed immensely to the field of Naval Architecture, Shipbuilding and various other allied sectors in the global maritime sector. Over the past 47 years, the department has produced professionals who have created a profound impact in the maritime community. The department can take pride in the fact that they have been able to nurture well rounded professionals who in addition to being technically well equipped, do also understand what it takes to be successful and are willing to continually learn and work extremely hard to achieve their goals.

I wish the young graduates of the department a bright and prosperous future.

Abdul Rahim

Corporate Officer, Class NK

I am very pleased to note that the next batch of naval architects is graduating from CUSAT. ClassNK has long been associated with CUSAT and over the years we have recruited more than 26 CUSAT naval architects who work around the world. They are well rounded team players, brilliant, hardworking, and their contribution to ClassNK has been enormous. They are truly professional with a positive attitude, and excellent in client management with strong commitment and dedication. Wishing the new young graduates every success for a bright future.

Ashik Subahani

Vice President-RINA Middle East & Africa and Managing Director at Sea Delta Marine & Offshore

Naval architects from 'Department of Ship Technology' are excellent. They understand the requirements and concept very fast and complete the given tasks very properly on time.They are all well accepted in the world wide maritime industry due to the professionalism they have shown"

Message from the

INDUSTRY LEADERS

Pyarilal Kandy

Managing Partner & Director of Operations at Great Waters Maritime L.L.C

In the last 10 years Great Waters have hired graduates from Department of Ship technology and they all stood out as the best amongst other graduates from elsewhere in work performance, knowledge, ability to apply knowledge and most of all, attitude towards work. Attitude of an employee towards work is the most important aspect for a company in achieving results. Great Waters have been incredibly happy with all those graduates who have come and worked with us. Graduates from DOST have always shone in all industries, and which is why many of them are now at senior roles in major companies.

Shihabudeen K M

Commercial Director at Damen Shipyards Sharjah, Albwardy Marine Engineering Dubai

Albwardy Damen has been hiring Naval Architects from the Department of Ship Technology, CUSAT, through campus interviews continuously for the past 16 years. The main qualities of CUSAT Naval Architects are their general attitude towards work, quick learning capabilities, ability to adapt to the work environment and get along with people from various nationalities. Their academic knowledge levels are found to be comparatively higher in a way that they can be trained and employed not only in core design departments but also in other areas like project management for ship building and ship repairs, cost estimation etc. The management of Albwardy Damen has always been appreciable of the performance of the CUSAT Naval Architects. I wish the young graduates every success in their future endeavors.

Renganathan S

Head of Plan Approval,Indian Register of Shipping

We take extreme pleasure in getting associated with CUSAT for the past so many years. The quality of students is excellent, so is their longevity in the organization is what keeps us coming back for more every year. The students from CUSAT are outstanding, and the ones we have employed from campus recruitment are generally an asset to IRCLASS. Their ability to apply theoretical knowledge acquired during their studies to practical work is indeed commendable. The placement process is always highly well-coordinated. We wish the fresh graduates from CUSAT all the best to achieve a successful career, and we anticipate CUSAT's extended service for fulfilling our workforce requirements in the long run.

Industrial Recognition To The Department

The ClassNK Best Project Award, presented by ClassNK, Japan, is given annually to acknowledge the Best Final year Projects of B.Tech NA&SB. The event was conducted on 3rd March 2021 virtually through Microsoft Teams. The event was inaugurated by Mr Sumithran Sampath, General Manager, ClassNK, Mumbai. SLt. Raghav Kumar Pandey secured the First prize, followed by Mr. Govind R S with the Second prize. The Third prize was shared between SLt. Abhinav Aravind, SLt. Anupam Pathak and SLt. Aspin Raj.

The Department has a Consultancy wing named DESCON, that contributes to Maritime Design and Consultation solutions to the Inland Water Transport Department. It includes a panel of Naval Architects from the Department who are well versed in Ship Design and Research. They have made significant contributions to different projects.

descon

An MoU was signed with Cochin Shipyard Ltd., which provides Internships, Industrial Visits, Research Opportunities, and Teaching Support. Cochin Shipyard Ltd has also invested in the CADMUS Project, a CSR initiative to improve the Model Making Lab in the department. The MoU is currently under consideration for renewal.

AVEVA

Great Waters Maritime LLC, Dubai, contributed 50 licenses of GHS Software. AVEVA provides licenses to AVEVA Marine software to enable students to get exposure to Shipbuilding CAD/CAM solutions.

GREATWATERS

Goa Shipyard Ltd. has contributed to the already diverse collection of ship models to the department, in the form of a model of a 105 m Naval Offshore Patrol Vessel, made in the shipyards' model making facility. The model was received by the Head of the Department, Dr. Cdr Satheesh Babu P K.

For the literature development of the department, Oshima Shipbuilding Co. Ltd., Japan, contributes a vast collection of valuable books every year to the library.

Student Profiles

ABHINAND R K

PHONE	-	+91 9746220036
EMAIL	-	abhinand.rk.7@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd.
		2. Garden Reach Shipbuilders and Engineers Ltd.
FINAL YEAR PROJECT	-	Design of a 900 TEU Container Ship
CORE SUBJECT PROFICIENCIES	-	Ship Production Technology, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office

ABHINAV JAYAKRISHNA

PHONE	-	+91 7994544940
EMAIL	-	abhinavaj369@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd.
		2. Indian Register of Shipping
FINAL YEAR PROJECT	-	Design of a 150000 T DWT Double Skin Crude Oil Tanker
CORE SUBJECT PROFICIENCIES	-	Stability, Resistance
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, ERS Strength

ADVAITH VIJAYAN

PHONE	-	+91 8078921084
EMAIL	-	advaithv7@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Buoyancy Consultants
		2.Indian Register of Shipping
FINAL YEAR PROJECT	-	Design of a 35000 T DWT Chemical Tanker
CORE SUBJECT PROFICIENCIES	-	Stability, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, ERS Strength

Student Profiles

ALTHAF NAZEER

PHONE	-	+91 6238927433
EMAIL	-	althafnazeer623@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd.
		2. Garden Reach Shipbuilders and Engineers Ltd.
FINAL YEAR PROJECT	-	Design of a 62000 T DWT Bulk Carrier
CORE SUBJECT PROFICIENCIES	-	Ship Production Technology, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MAXSURF

ANUGRAH DAS

PHONE	-	+91 9633240807
EMAIL	-	anugrahdas6@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd.
		2. Garden Reach Shipbuilders and Engineers Ltd.
FINAL YEAR PROJECT	-	Design of a 400 TEU Container Feeder Ship
CORE SUBJECT PROFICIENCIES	-	Structural Design, Stability
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, Rhino

ASHWIN

PHONE	-	+91 7306531574
EMAIL	-	ashwinmohan341@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd.
		2. Indian Register of Shipping
FINAL YEAR PROJECT	-	Design of a 280000 T DWT FPSO
CORE SUBJECT PROFICIENCIES	-	Resistance, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, ERS Strength, Ansys

Student Profiles

ASHWIN SUNIL

PHONE	-	+91 9562717911
EMAIL	-	ashwinsunilkk@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd.
		2. Indian Register of Shipping
FINAL YEAR PROJECT	-	Design of a 80 T Bollard Pull Ocean Going Tug
CORE SUBJECT PROFICIENCIES	-	Structural Design, Controllability
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, ERS Strength

DEVAPRABHA M A

PHONE	-	+91 9074237106
EMAIL	-	devaprabha.ma@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd.
		2. Chowgule Shipyard Pvt Ltd.
FINAL YEAR PROJECT	-	Design of a 165000 T DWT Crude Oil Tanker
CORE SUBJECT PROFICIENCIES	-	Stability, Ship Design
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MAXSURF

GOKUL KRISHNA

PHONE	-	+91 7994945528
EMAIL	-	gokulkrishnavs@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd.
		2. Indian Register of Shipping
FINAL YEAR PROJECT	-	Design of a Cruise Ship of Capacity 1432 Passengers
CORE SUBJECT PROFICIENCIES	-	Controllability, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, ERS Strength

Student Profiles

GURUPRIYA J

PHONE	-	+91 7306651342
EMAIL	-	gurupriyapriyaj@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd. 2. Chowgule Shipyard Pvt Ltd.
FINAL YEAR PROJECT	-	Design of a 53000 T DWT Bulk Carrier
CORE SUBJECT PROFICIENCIES	-	Stability, Controllability
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MATLAB

HARIS MEHROOF

PHONE	-	+91 9207241862
EMAIL	-	harismehroof6@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd. 2. Garden Reach Shipbuilders and Engineers Ltd.
FINAL YEAR PROJECT	-	Design of a 3100 T DWT Platform Supply Vessel
CORE SUBJECT PROFICIENCIES	-	Stability, Controllability
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office

JISHNU P V

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd. 2. Larsen & Toubro Shipbuilding
FINAL YEAR PROJECT	-	Design of a Luxury Yacht of 30-Passenger Capacity.
CORE SUBJECT PROFICIENCIES	-	Stability, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MAXSURF

Student Profiles

JOYAL FRANCIS

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INTERNSHIPS	-	1. Cochin Shipyard Ltd. 2. Mazagon Dock Shipbuilders Ltd.
FINAL YEAR PROJECT	-	Design of a 140000 cu.m LNG Carrier
CORE SUBJECT PROFICIENCIES	-	Stability, Ship Production Technology
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office

KHEVIN CHERIAN

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd. 2. Mazagon Dock Shipbuilders Ltd.
FINAL YEAR PROJECT	-	Design of an FPSO with Total Storage Capacity of 1.8 M Barrels of Crude Oil
CORE SUBJECT PROFICIENCIES	-	Ship Production Technology, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MAXSURF

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd. 2. Garden Reach Shipbuilders and Engineers Ltd.
FINAL YEAR PROJECT	-	Design of a 27000 T DWT Chemical Tanker
CORE SUBJECT PROFICIENCIES	-	Stability, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, Rhino, MS Office

Student Profiles

M ASJITH KISHAN

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd. 2. Lloyd's Register
FINAL YEAR PROJECT	-	Design of a Research Vessel with endurance of 50 days and 20 crew members.
CORE SUBJECT PROFICIENCIES	-	Resistance, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, MAXSURF, Rhino

MAZIN RAHMAN C K

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd. 2. Mazagon Dock Shipbuilders Ltd.
FINAL YEAR PROJECT	-	Design of a 45,000 DWT Semi-Submersible Deck Carrier at 14 knots speed
CORE SUBJECT PROFICIENCIES	-	Stability, Structural Design
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MATLAB

MELVIN JOHN

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd. 2. Larsen & Toubro Shipbuilding
FINAL YEAR PROJECT	-	Design of a Fishing Trawler with 800 cu.m Hold Capacity
CORE SUBJECT PROFICIENCIES	-	Structural Design, Stability
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MAXSURF

Student Profiles

MIDHUN M

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INTERNSHIPS	-	1. Cochin Shipyard Ltd. 2. Indian Register of Shipping
FINAL YEAR PROJECT	-	Design of a Fishing Trawler with 120 cu.m Hold Capacity.
CORE SUBJECT PROFICIENCIES	-	Structural Design, Ship Production Technology
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, ERS Strength

MOHAMMED ABRAR SAIFUDHEEN

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Buoyancy Consultants 2. Oceanix (Navalt)
FINAL YEAR PROJECT	-	Design of a Anchor Handling Tug Supply with 80 T bollard pull
CORE SUBJECT PROFICIENCIES	-	Resistance, Controllability
SOFTWARE PROFICIENCIES	-	AutoCAD, Python, C++, dart

MOHAMMED ABRAR

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd. 2. Chowgule Shipyard Pvt Ltd.
FINAL YEAR PROJECT	-	Design of a 440000 T DWT ULCC
CORE SUBJECT PROFICIENCIES	-	Stability, Resistance
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MAXSURF

Student Profiles

MOHAMMED SHAHZAAD

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INTERNSHIPS	-	1. Cochin Shipyard Ltd. 2. Chowgule Shipyard Pvt Ltd.
FINAL YEAR PROJECT	-	Design of a 30000T DWT Bulk Carrier
CORE SUBJECT PROFICIENCIES	-	Stability, Ship Production Technology
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, Rhino

MUHAMMED WASIL

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Cochin Shipyard Ltd. 2. Indian Register of Shipping
FINAL YEAR PROJECT	-	Design of a 6000 CEU Pure Car Carrier
CORE SUBJECT PROFICIENCIES	-	Structural Design, Ship Production Technology
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, ERS Strength

NADEEM AFLAH

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd. 2. Mazagon Dock Shipbuilders Ltd.
FINAL YEAR PROJECT	-	Design of a 70000T DWT Bulk Carrier
CORE SUBJECT PROFICIENCIES	-	Stability, Ship Production Technology
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MAXSURF

NIMAL AMJAD T

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LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd. 2. Mazagon Dock Shipbuilders Ltd
FINAL YEAR PROJECT	-	Design of a 38000 T DWT Chemical Tanker
CORE SUBJECT PROFICIENCIES	-	Resistance, Propulsion
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, Rhino

RAHUL V SAJI

PHONE	-	+91 8078855309
EMAIL	-	official.aarwhiz@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd. 2. Lloyd's Register
FINAL YEAR PROJECT	-	Design of a Anchor Handling Tug Supply with 150 T bollard pull
CORE SUBJECT PROFICIENCIES	-	Ship Design, Ship Production Technology
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office, MAXSURF

VINAY DEV K U

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EMAIL	-	devvinay58@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Conceptia Software Technologies Pvt Ltd. 2. Chowgule Shipyard Pvt Ltd.
FINAL YEAR PROJECT	-	Design of a 70 T DWT Catamaran Ferry
CORE SUBJECT PROFICIENCIES	-	Stability, Resistance
SOFTWARE PROFICIENCIES	-	AutoCAD, MS Office

VISHNU T V

PHONE	-	+91 9207235025
EMAIL	-	tvvishnu315@gmail.com
LINKEDIN PROFILE LINK	-	(Click on the icon to access the profile)
INTERNSHIPS	-	1. Buoyancy Consultants 2. Mazagon Dock Shipbuilders Ltd.
FINAL YEAR PROJECT	-	Design of a 3100 T DWT Platform Supply Vessel
CORE SUBJECT PROFICIENCIES	-	Stability, Resistance
SOFTWARE PROFICIENCIES	-	AutoCAD, Rhino, MAXSURF

STUDENT ACTIVITIES

1. SNAS Nite 2022

On 7th May 2022, the Society of Naval Architecture Students organised “SNAS Nite”. The programme began with the inaugural function for which,the chief guest was Shri Loknath Behra, Former DGP and managing director of Kochi Metro Rail Limited. Followed by the inaugural function a friendly volleyball match was organized between the alumni team and students. By evening the cultural programs began in the front yard of the department. The smooth conduct of SNAS Nite 2022 was a feather on the cap for the entire department since the college re-opened after the pandemic.

2. RINA Chapter Inauguration

The official launch of the RINA CUSAT Student Chapter was held on 11th August 2022, at the Department of Ship Technology. Mr. Chris Boyd, the Chief Executive of RINA inaugurated the function. The presidential address was delivered by the Head of the Department, Dr. Cdr. Satheesh Babu P K and a brief introduction about RINA was given by emeritus Prof. Dr. P Krishnankutty. Felicitations were delivered by Mr. Ashik Subahani, Vice President of RINA-MENA and the Managing Director of Sea Delta Marine and Offshore.

3. SHIPSTECHNIC launch

SHIPSTECHNIC is the annual technical journal of the Department of Ship Technology and is published by the Society of Naval Architecture Students, SNAS. The 32nd edition of SHIPSTECHNIC was launched on the 7th May 2022. Dr. P Krishnankutty, emeritus professor and an alumnus of DoST, released the 32nd edition of SHIPSTECHNIC. Dr. P Krishnankutty was accompanied by Dr. Cdr. Satheesh Babu, Head of the department, Department of Ship Technology, for the launch.

4. iCANOE’21

The Department Of Ship Technology in association with Society Of Naval Architecture Students (SNAS) conducted iCANOE'21 (International Conference on Advances in Naval and Ocean Engineering) as part of the golden jubilee celebration of CUSAT on 19th and 20th November 2021. The Chief Guest for the inaugural function was Mr. Madhu S Nair, Chairman and Managing Director, Cochin Shipyard Ltd. Stakeholders from the various ship and offshore Industries attended the programme and a total of 33 Technical papers were presented.

5. SNAS website and Ocean Odyssey blog Launch

The launching event of Ocean Odyssey was held on 25 April 2022, at the Department of Ship Technology. It was launched by Mr. Shyam Kurup; Vice President of Aries Offshore Engineering. Ocean Odyssey is a website built by students to discuss and share ideas and information on different aspects of the shipping sector for the enrichment of their knowledge apart from the syllabus. It also provides a platform to encourage readers to grasp dominant factors in the sector.

6. INAUGURATION of the SNAS Eco Club

Society of Naval Architecture Students (SNAS), conducted the inauguration of the SNAS Eco Club on Oct 13, 2021. Ms. Atma Dinnie Charles, Research Analyst, UN Environmental Programme, inaugurated the club, followed by, an interactive session on the topic "UN International Day for Disaster Risk Reduction and its Importance". The Eco Club aims to create a sense of commitment in students towards the environment, make meaningful efforts in protecting the environment, and to explore various possible ways by which they can contribute in preserving the environment.

WEBINAR on "Classification Societies: An Insider View"

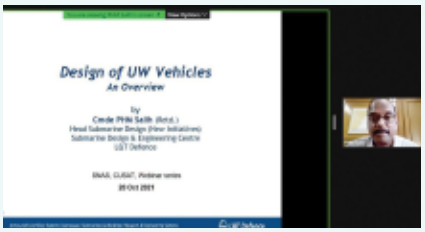
SNAS conducted the 7th episode of the Webinar Series on the topic "Classification Societies: An Insider View" on 15th of September, 2021. The Webinar was taken by Mr. Suresh Manu (21st Batch Alumnus DoST), Principal Engineer / Project Manager - DNV Singapore. The interactive session dealt with classification societies and their role in the marine sector. The speaker gave many insights on the various aspects that facilitate class societies to perform its functions while also giving an in-depth idea about the industry from a professional point of view.

WEBINAR on "IMO Conventions and their Significance in Ship Design"

SNAS conducted the 8th episode of the Webinar Series on the topic "IMO Conventions and their Significance in Ship Design" on the 24th of September, 2021. The Webinar was taken by Mr. Sunil Kumar (8th Batch Alumnus DoST), Founder, Director, of Verity Maritime Solutions FZC. The interactive session dealt with the IMO, their regulatory mechanism, conventions, and involvement of those regulations in various design stages of ships.

WEBINAR on "Design of Underwater Vehicles"

SNAS conducted the 9th episode of the Webinar Series on the topic "Design of Underwater Vehicles" on the 20th of October, 2021. The Webinar was taken by Cmde Salih PHM (Retd.), (3rd Batch Alumnus of DoST), Head Submarine Design, L&T Defence, and Aerospace. The interactive session dealt with Submarine Designing and various parameters to be considered in designing an Underwater Vehicle.

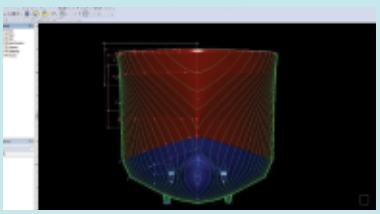


WEBINAR on "Corrosion Prevention in Subsea Oil and Gas Pipelines"

SNAS conducted the 11th episode of the webinar series on the topic "Corrosion Prevention in Subsea Oil and Gas Pipelines" on, 23rd April 2022 in connection with the World Corrosion Awareness day. The webinar was taken by Dr. S. M. Ganesan, Senior Scientist & Certified International Welding Engineer, Corrosion and materials Production Division, CSIR, CECRI, Karaikudi (Tamil Nadu). It was an in depth session on corrosion prevention of vessels. The presentation was specifically focused on ways for diminishing the corrosion of the respective materials and the standards of materials used for different purposes.

WEBINAR on "Decarbonisation in the Maritime Industry"

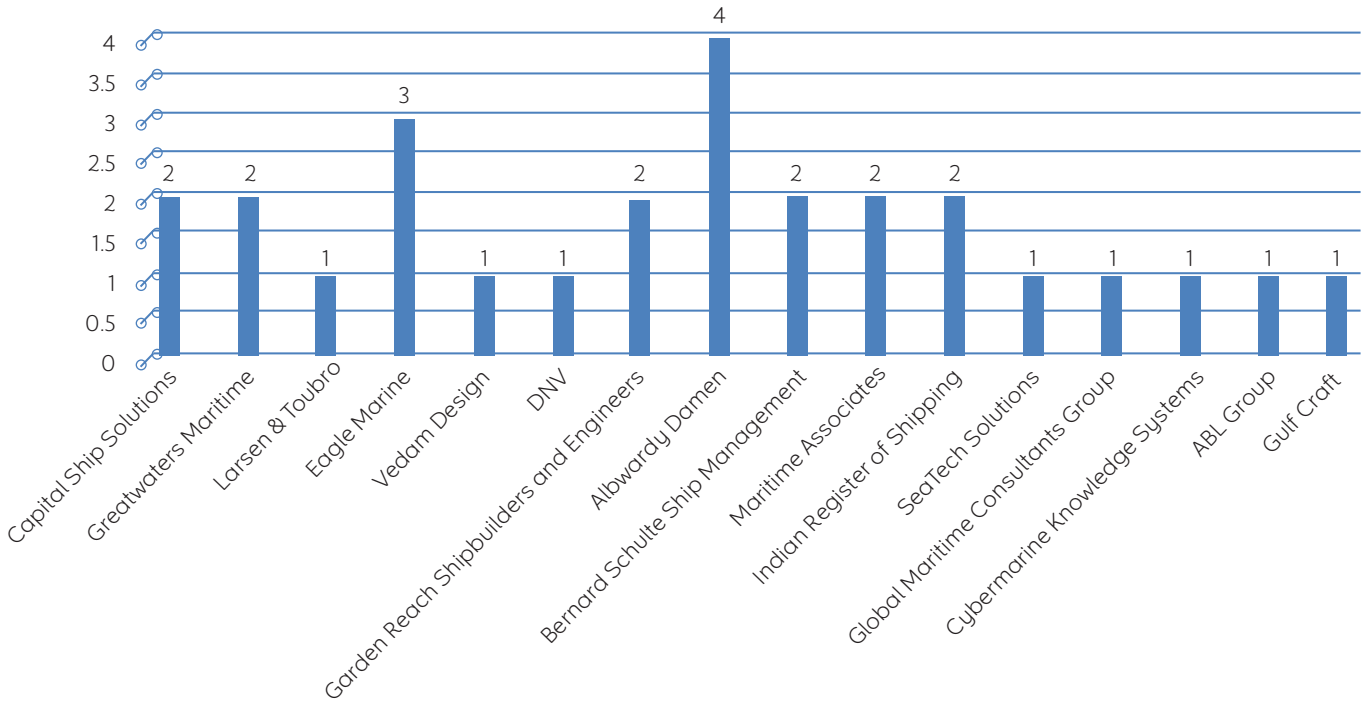
SNAS conducted the 1st episode of the Webinar Series on the topic "Decarbonisation in the Maritime Industry" on 16th of September, 2022. The Webinar was taken by Mr. Vipin Devaraj (38th Batch Alumnus DoST), Research Engineer, Low Carbon Hydrogen Karlsruhe, Baden – Wurttemburg, Germany. The interactive session gave an elaborate idea about decarbonization, possible alternate fuels, their properties and scope, generation of such fuels in an eco friendly manner among others.



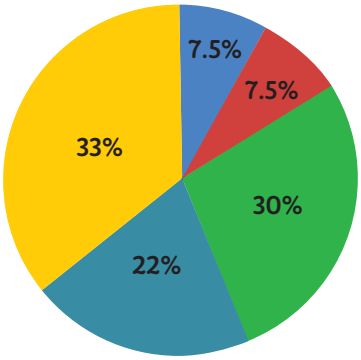
Maxsurf Workshop' Conducted by the Software Club

Society of Naval Architecture Students conducted the inauguration of the Software Club. Prof Dr. K Sivaprasad inaugurated the club by presenting a short video of the club online. Following this program, the Software Club conducted its 1st event, "MAXSURF WORKSHOP", by Mr. Anishkumar MN. The program was conducted in collaboration with DOSTAS and STICON via Google Meet.

PLACEMENT STATISTICS 2021-22

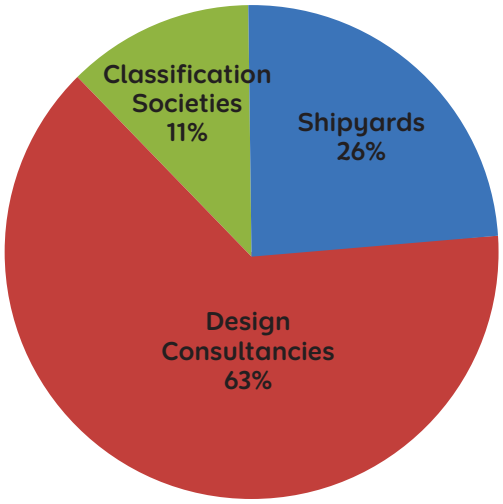


LOCATION WISE PERCENTAGE



Bengaluru Kolkata Mumbai
UAE Kochi

BASED ON FIELD RECRUITED TO



NO OF. PLACED STUDENTS -27/27
PLACEMENT PERCENTAGE – 100%
HIGHEST CTC – 16.3 LPA
AVERAGE CTC - 7.61 LPA
**includes off-campus placements as well*

PLACEMENT PROCEDURE

PLACEMENT PROCEDURE

1) *Invitations and relevant information are sent out to organisations by the placement office.*

2) *The organisations fill the job announcement form with job description and eligibility criteria.*

3) *Interested and eligible students, meeting the job requirements complete the registration process with the placement cell.*

4) *The final list will be provided to the organisation and they can shortlist the candidates.*

5) *The drive day shall be finalized upon mutual agreement. The drive slot for each placement will be finalized by the placement cell.*

HOW TO REACH

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Nearest Airport	:	Cochin International Airport
Metro Rail	:	Cochin University Metro Station
Major Railway Station	:	Aluva Railway Station, Ernakulam Town Railway Station

Cochin University of Science and Technology
Kalamassery , CUSAT P.O., Kochi - 682 022, Kerala, India

CONTACT DETAILS

Placement Cell Email

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