

Knots, Vol 2, Issue 1

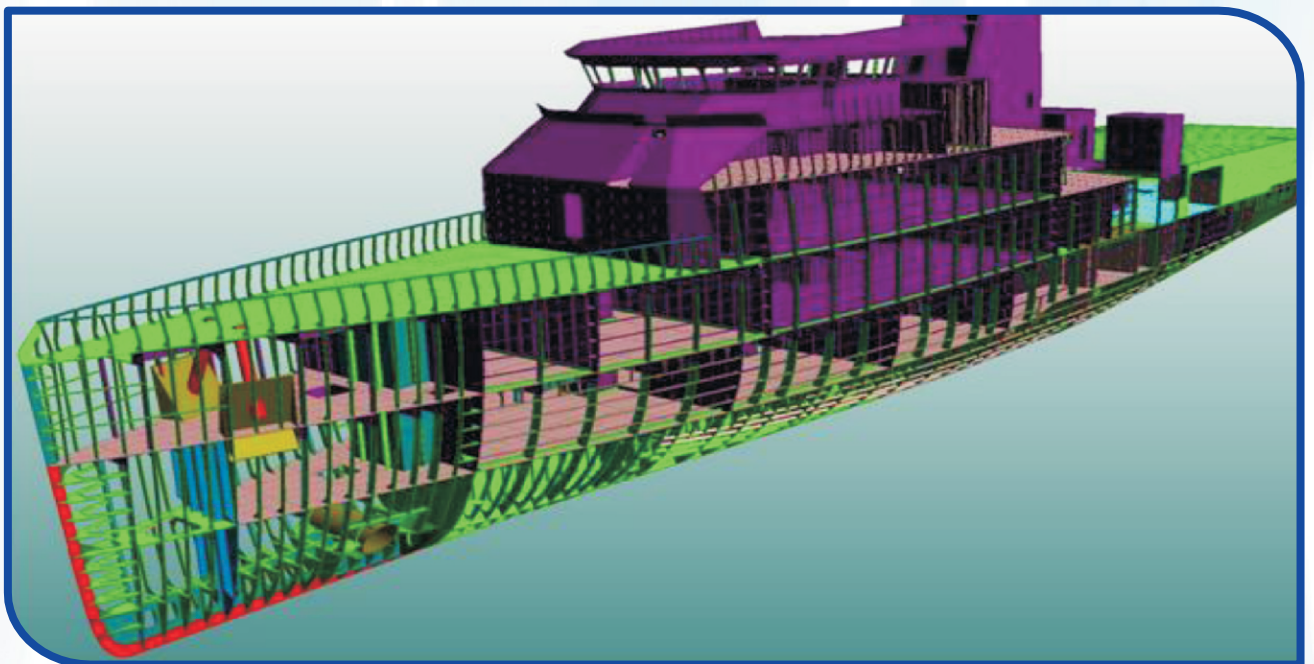


**AMET**  
**UNIVERSITY**  
(Deemed to be University Under Section 3 of UGC Act 1956)



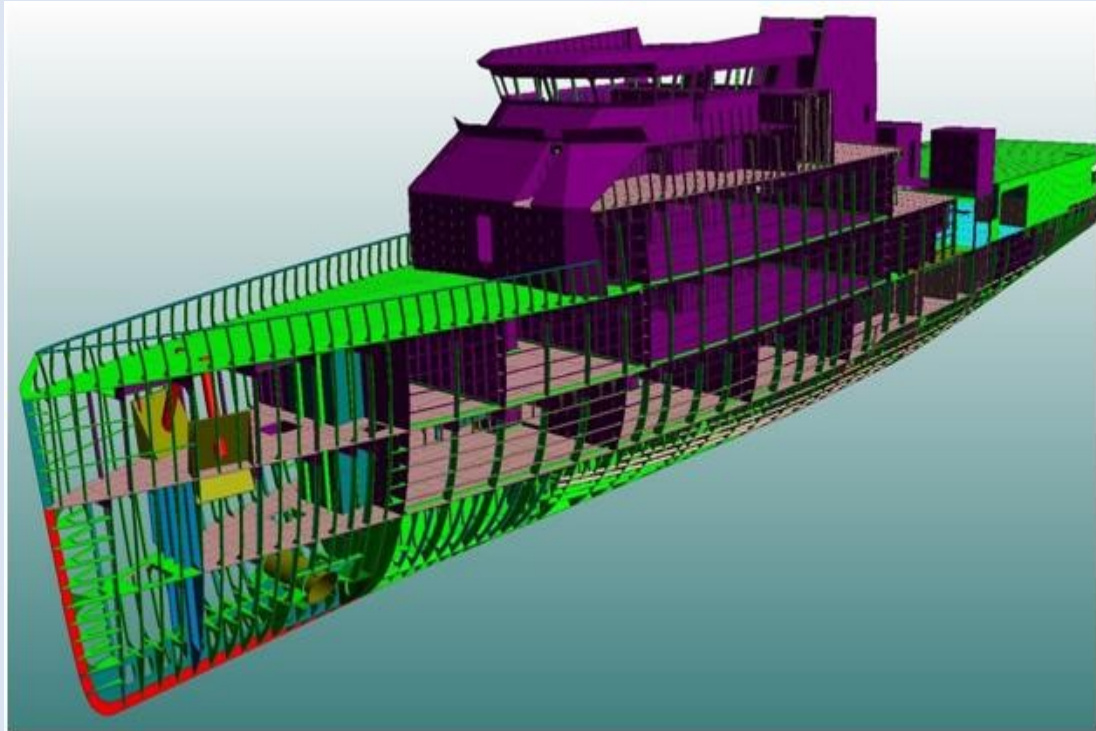
**Department of**  
**Naval Architecture & Offshore Engineering**

**KNOTS 2021-22**



**2021-2022**  
**Vol 2, Issue 1**  
**Odd Semester Magazine**

# KNOTS



*Department of*

*Naval Architecture & Offshore Engineering*

**2021-2022**

**Odd Semester Magazine**

**Vol.2, Issue 1**

**AMET DEEMED TO BE UNIVERSITY, CHENNAI – 603112.**

## **Editorial**

**Dear Readers,**

*I am pleased to know that this issue of AMET university NA&OE department magazine “KNOTS” Vol.2, Issue 1 is published. The NAOE department is an abode of excellence for ship hydrodynamics and Ship Structures in the AMET University. Students are made familiar with the latest theoretical developments in their respective engineering disciplines.*

### **Chancellor**

Dr. J. Ramachandran

### **Pro-Chancellor**

*Dr. Rajesh Ramachandran*

### **Vice-Chancellor**

Col. Dr. G. Thiruvassagam

### **Pro Vice-Chancellor**

*Dr. N. Manoharan*

### **Editor-in-Chief**

***Prof. MSP Raju,***

*Head, Department of Naval Architecture & Offshore Engineering,  
AMET Deemed to be University*

### **Associate Editor**

***Dr. M. Subha,***

*Director, Centre for Internal Publications, AMET Deemed to be University.*

### **Editor**

***Dr. Prasob P.A,***

*Assistant Professor, AMET Deemed to be University.*

### **Editorial Advisors**

*Dr. B.M Shameem*

*Dr. P. Sivabalan*

### **Published By**

*Department of Naval Architecture & Offshore Engineering & Centre for Internal Publications*

*Owned by Academy of Maritime Education  
and Training (AMET)*

*135, East Coast Road, Kanathur-603112,  
India, Phone: 044-27472155.*

*Email: [m.s.p.raju@ametuniv.ac.in](mailto:m.s.p.raju@ametuniv.ac.in)*

# CONTENTS

Sl.No.	Title	P.No.
1.	Message	04
2.	Preamble	05
3.	About the Department	07
4.	Student's Achievements	10
5.	Staff Awards & Recognitions	11
6.	Projects	12
7.	Publication details: SCOPUS, UGC & others	13
8.	Glimpses form 2021	15
9.	Placement	21
10.	Alumni Testimonials	23
11.	Faculty Details	25

# MESSAGE



**Prof. MSP Raju, Head, Department of Naval Architecture & Offshore Engineering**

The Department of Naval Architecture & Offshore Engineering started functioning in AMET University from the year 2007 keeping in view to meet the national need of qualified and trained manpower in the field of Naval Architecture and Offshore Technology. The department is offering a degree programme at bachelor, masters and doctoral levels.

The fundamental aspects of design, construction, repairs and conversion technology of ships and other marine structures are imparted to the students. They are also exposed to the high-end relevant topics of finite element methods, quality assessment, and control, use of various software required by the practising engineers of the field. The Department is also having a collaboration with the Department of Naval Architecture & Ocean Engineering of the University of Strathclyde, Glasgow UK for academic exchange of students and joint research programme.

The students are encouraged to take up challenging projects and to participate in extra-academic activities for overall development. The aim is to make a Naval Architect who can take up the challenges and shoulder the responsibilities as demanded. We highly value our association with industries, alumni, and well-wishers of AMET University.

I invite representatives from the industrial and consulting organizations to our campus to meet the graduating students and give them the opportunity to serve your organization. With best wishes!



## **PREAMBLE**

AMET is India's first Deemed to be University in Maritime Education which is ranked as 3<sup>rd</sup> among Maritime Universities of the World in the PIMET (Performance Indicators in Maritime Education and Training) Ranking of International Association of Maritime Universities (IAMU). Established during 1993, AMET's uncompromising strides of excellence in the field of maritime education and training laced with its capacity to feed the global shipping industry with an unrivalled maritime human resource secured it to have many national and international recognitions, accreditations and rankings such as NAAC, NIRF, ARIIA, DGS-CIP, PIMET etc.



AMET serves as an ocean of knowledge for over 4000 students pursuing Programmes ranging from diploma to Doctoral programs through 9 schools and 23 intensive research and training centres for marine and marine related activities. Equipped with an excellent infrastructure for research and development, co-curricular and extracurricular activities AMET secured its compliance certificate for ISO 9001:2015 QMS standards from the prestigious and globally renowned DET NORSKE VERITAS, Norway.

For over two decades AMET is remaining as the favourite destination for campus interviews by many shipping giants such as AP MOLLER MAERSK, GOODWOOD, NYK, SONANGOL, VSHIPS, WALLEMS, SHELL, CHEVRON, STENA and so goes a list of over 100 companies.

6

Besides positions on board, AMET Business school graduates have secured lucrative jobs in

*commercial shipping sectors such as chartering and ship broking. Never the less, Naval architecture, petroleum engineering, harbour engineering, marine electrical and electronics engineering graduates have successfully walked away from AMET with jobs offering sumptuous packages along with an opportunity to grow and glow in their career swiftly. Needless to say, about the entrepreneurship development activities nurtured into AMET'ians has been found rewarding by students who are chiefexecutive officers of their own organization.*

## **VISION AND MISSION OF THE UNIVERSITY**

### **VISION**

To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and a transformation impact on the Global Society.

### **MISSION**

AMET will strive continuously to

- Impart value-based higher education and technical knowledge with uncompromising strides of outstanding quality.
- Emerge as a Centre of Excellence inculcating skill development in recent technologies by industrial trends.
- Create World-class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education.
- Nurture talent and entrepreneurship to enable all-round personality development among students.
- Empower students across socio-economic strata
- Make a positive difference to society through technical education.

### **QUALITY POLICY**

*AMET is committed to provide the highest quality in education and be the most preferred institution for pursuing marine and marine-related courses.*

*This will be achieved by a consistent focus on:*

- Providing a conducive, vibrant, progressive and enriching learning atmosphere.
- Teaching excellence and research output.
- Global outlook and engaging with the world through learning, teaching and research.

- Providing competitive advantage in gaining employment for further academic opportunities.
- Maintaining excellent links with commerce and industry in both national and international.
- Complying with all applicable requirements and continually improving the effectiveness of the Quality Management System.

## **Department of Naval Architecture & Offshore Engineering**

### Vision Mission of the Department

#### **Vision of the Department**

We aim to bring in education of highest International standards within the reach of every young individual. We are committed to achieve and maintain excellence in education and research in the fields of naval architecture and offshore structure design, construction, repair and maintenance and conversion leading to producing employable graduates for the benefit of the Society.

#### **Mission of the Department**

To rise towards being the center for excellence in research to play an active role in institute-industry collaboration sustained academic development in industrial orientation to become a focal point of experts and specialists in the field under the title Friends of AMET Increase the visibility of AMETIANS in the industry worldwide.

The Department of Naval Architecture and Offshore Engineering, AMET University imparts excellent knowledge and practice in the field of Naval Architecture and Offshore Engineering. The students learn under the guidance of faculty members who have vast experience and have had eminent positions in various fields. This not only adds up benefiting the department morally but also builds an introspective view of the industry. The department has come to be one of its kind, where the approach towards the academics is not only theoretical but also practical, where the students are trained on latest technical software and also trained on manual drawings. From the beginning of the course itself, the students have been exposed to shoulder various situations in order to become not only responsible and sincere students but also become more pragmatic individuals. Exposure to real industrial



problems is given adequate importance. The department also has diversified student community which caters to learning and their multilingual background engages in communal exchange. This also makes learning more interesting and initiates a sense of teamwork and also maintains unity in diversity. On completion of the degree, our students will be capable of providing clients with engineering solutions, technical solutions, and management for concept design studies, new vessel constructions, refits and conversions. In addition to which some students undergo Dual Degree programme which offers them a Diploma and Advanced Diploma in Business Management. A total of 77 students of Batch 2017 - 21 are pursuing B.E. Naval

Architecture and Offshore Engineering at AMET University.



## Academic Programs

1. Doctorate Programme leading to Ph. D degree
2. Master's Programme of 2 years leading to M.E. Naval Architecture and Offshore Engineering degree
3. Bachelor's Programme of 4 years leading to B.E. Naval Architecture and Offshore Engineering degree

# Software Training



Students are given software training with the marine related software which enable us to understand the ship design aspects in-depth and also helps them to deliver their best while working in the industry.

1. AUTOCAD - Design drawings on computer
2. MAXSURF - Vessel Hull Design, Naval Architecture Software
3. Star CCM+ - CFD Software
4. DNV SESAM (GeniE) - Design and Analysis of Offshore Platforms (Fixed and Floating), Mooring and Riser Analysis.
5. SSI Ship Constructor - Vessel Hull Design, Outfitting Design, Naval Architecture Software
6. Python Programming

# SJ dem J 's P chie em em J s



**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**KRISHNAPRASAD THILAKAN**  
for successfully completing the course  
**Welding Application Technology**  
with a consolidated score of **54** %

Online Assignments	22.88/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **239**

Aug-Oct 2021  
(8 week course)

Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

Roll No: NPTEL21ME99S23341805

To validate and check scores: <https://nptel.ac.in/noc>

Mr. Krishna Prasad Thilakan of 4<sup>th</sup> year B.E., Naval Architecture and Offshore Engineering has completed the “Welding Application Technology” NPTEL Online Certification in August 2021.



**SHIPCONSTRUCTOR® 2021**  
**SSI®**  
hereby recognizes  
**Vignesh L**  
as a certified  
**Hull & Structure Specialist**

**DL** Chief Executive Officer  
**3/20/2021** Date of Certification  
**HS096** Registration Number

Mr. Vignesh L 4<sup>th</sup> year B.E Naval Architecture & Offshore Engineering completed the Hull and Structure Specialist certification from Ship Constructor “SSI” in 2021.

&

<b>Staff Awards</b>					
<b>S. No</b>	<b>Staff Name</b>	<b>Name of the Award</b>	<b>Name of Board/Organization issuing the award</b>	<b>Level (International/National/state)</b>	<b>Date of receiving the award</b>
1.	Dr.P.Sivabalan	National Eminent Researcher Award 2020	I2OR India	National	Dec 2020
2.	Mr. Premanad	National Eminent Researcher Award 2020	I2OR India	National	Dec 2020
3.	Dr. Lily. R	Best Researcher National Award 2021	IRDP India	National	June 2021
4	Dr. Shameem B.M	Best paper Award	ICSOE2021	International	June 2021

# Project

<b>Name of the Project/ Endowments, Chairs</b>	<b>Name of the Principal Investigator /Co Investigator</b>	<b>Name of the Funding agency</b>	<b>Type (Government/Non-Government)</b>	<b>Department of Principal Investigator/ Co Investigator</b>	<b>Year of Award</b>	<b>Funds provided (INR in Lakhs )</b>	<b>Durat ion of the proje ct</b>
Numerical modeling on hydrodynamic stability analysis of tidal inlet	Dr. K. Thirukenkat asamy (Principal Investigator ) and Dr. J.Rajaraman (Co-Investigator )	Ministry of Earth Sciences, Governmen t of India	Government	Department of Naval Architecture & Offshore Engineering	2018-2019 (20 <sup>th</sup> March 2019)	21.72 Lakhs	3 years (2018 - 2021)
Beach Profile survey and shoreline monitoring along the south of Puducherry coast, Southeast coast of India	Mr. P. Mohamed Rajab	Modern Consultancy services, Chennai	Non-Government (Industr y Consulta ncy Project)	Department of Naval Architecture & Offshore Engineering	17 <sup>th</sup> June 2020	0.50 Lakhs	3 mont s
Assessment of wave power potential for Ratnagiri, along West coast of Maharashtra	Dr. K. Thirukenkat asamy	Sarathy Geotech & Engineering Services Pvt. Ltd., Bangalore	Non-Government	Department of Harbour and ocean Engineering	17 <sup>th</sup> June 2020	0.58 Lkhs	8 Mont hs



# NUMERICAL MODELLING ON HYDRODYNAMIC STABILITY ANALYSIS OF TIDAL INLETS

## PROJECT DETAILS

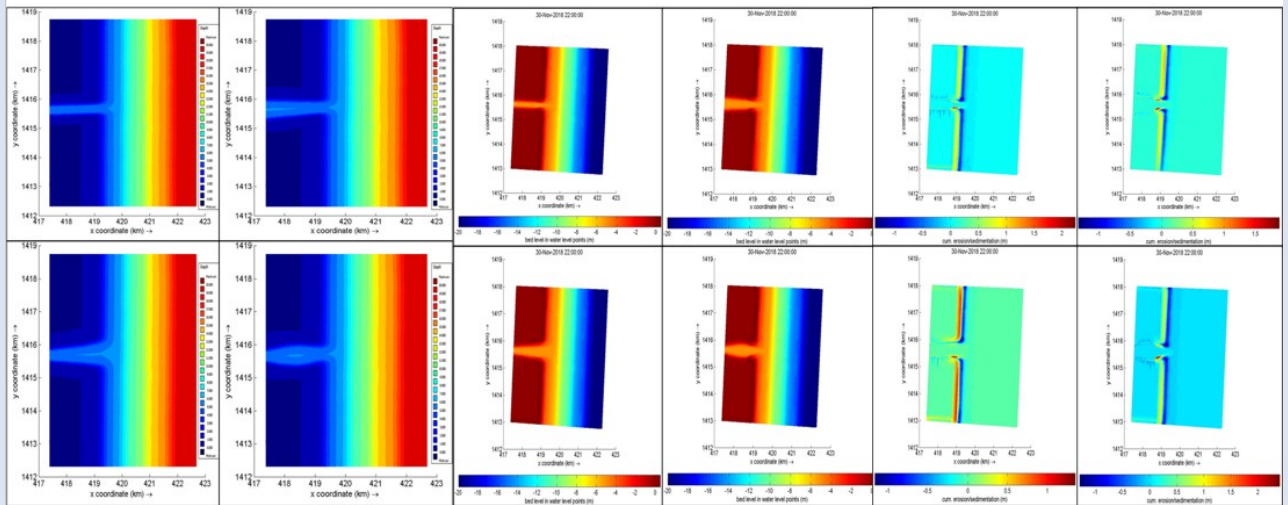
Project Budget: 21.79 Lakhs

First Grant Release on Budget for Current Financial Year: 9.77 Lakhs

Principal Investigator: Prof. Dr. K. THIRUVENKATASAMY, Dr. Eng.

Co-Principal Investigator : Prof. Dr. J.RAJARAMAN, Ph. D.

Junior Research Fellow: Mr.K.Ayyappan, M.Sc. (Ph.D) Ocean Sciences



## PUBLICATION DETAILS SCOPUS, UGC and others

S.NO	Title of the paper	Name of the author/authors	Name of the journal	Indexing
1	Research on Motion Response of the Fishing Boat in Different Heading of Waves	Sivabalan P, Sivakumar N	International Journal of Engineering Research and Applications	UGC
2	Effect of moonpool on drillship motions	Sivabalan P, MSP Raju	Journal of Offshore Structures and Technology	Other



3	An introduction to Data analytical methods used for autonomous ships	Kolli Sujith Kumar	Maritime Journal	Other
4	Drillship Response on Different Loading Condition ICCCC-2020	Sivabalan P et al	Test Management	Scopus
5	Effect of Bulbous Bow on Resistance of a Tuna Longliner	MSP Raju, Sivabalan Ponnappan, Toney Thamby, B.Saravanan	International Journal of Advanced Research in Engineering and Technology (IJARET)	Scopus
6	Happiness	Cdr. Prashant Kumar	International Journal of Psychological rehabilitation	Scopus
7	State Space Modelling Of Anti-Roll Tank For Ship Roll Stabilization	B.M Shameem	International journal of scientific & technology research (IJSTR)	Scopus
8	Offshore Detached Breakwaters Alignment Changes Its Impact On Scour Deposition Pattern Using Numerical Model	P. Mohamed Rajab, K. Thiruvenkataswamy, Indra Kumar Dev, Mohamed Hatha Abdulla and S. Shafeer Ahamed	International Journal of Scientific and Technology Research,	Scopus
9	Performance Monitoring Insight using Predictive Analytics: A Step towards IMO's GHG Emission Goals 2030	1.Nithish Balaji J, 2 Himanshu Uppal 3 Pritam Patel 4 B.M. Shameem	IEEE Oceans, 2022 (Feb 21 - 24) (Accepted)	IEEE

# Glimpses from 2021



Campus placement visit-Synergy Marine

## Alumni Lectures



## 50 th Indian Navy Day Celebrations





# AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING  
(Deemed to be University Under Section 3 of UGC Act 1956)



Department of Naval Architecture & Offshore Engineering

*Cordially invites you to the*

Commemorative day celebration -50<sup>th</sup> Indian Navy day

Date: 07/12/2021 Time: 4:00pm

Time	Programme Schedule
04:00 pm	Welcome Address- Prof.MSP Raju, Head Department of Naval Architecture & Offshore Engineering
04:05 pm	About <i>Indian Navy day</i> - Swarnim Vijay Varsh
04:10 pm	Oratorical Competition on <b>"Role of Indian Navy for safe sea &amp; secure coast"</b>
04:30pm	Logo design contest on "Swarnim Vijay Varsh" Vote of Thanks & National Anthem



**1<sup>st</sup> PRIZE**  
**RS 1000/-**

**CASH AWARD:**

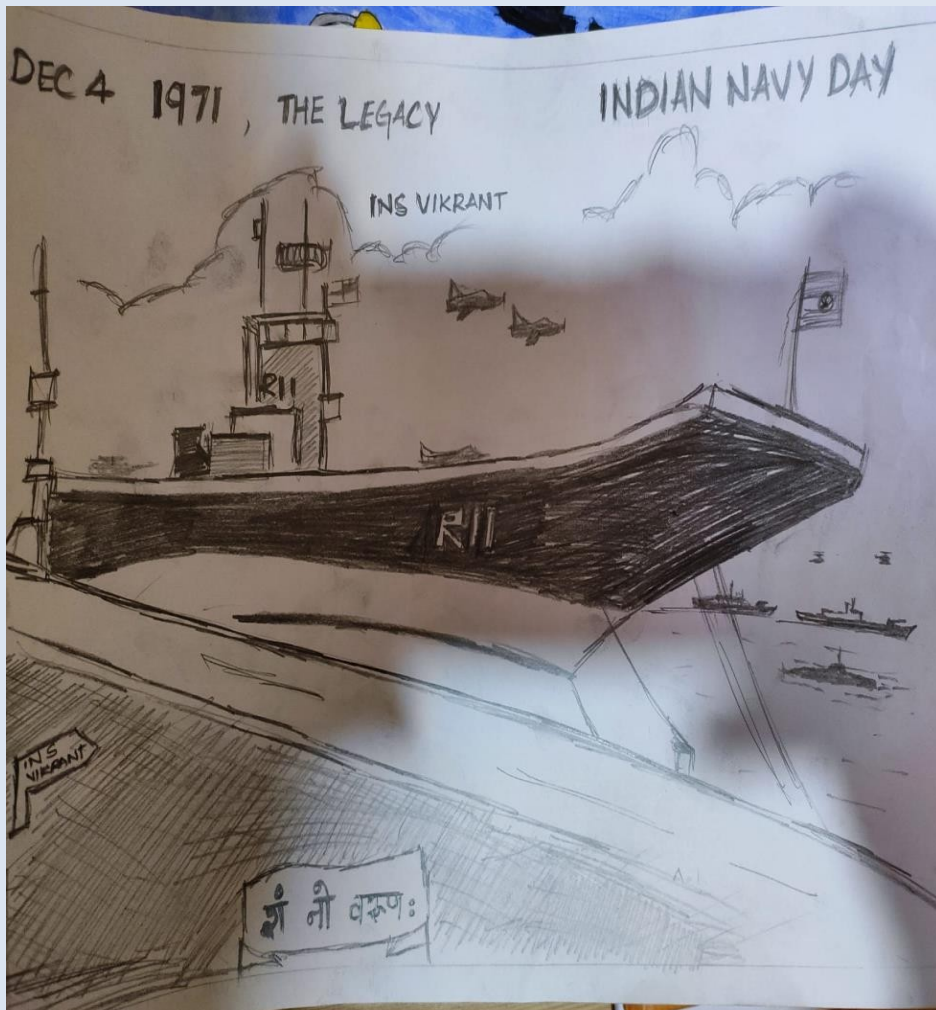


**2<sup>nd</sup> PRIZE**  
**RS.500/-**





Indian Navy Day Celebrations



# 89 th Indian Air Force Day Celebrations



AMET  
ACADEMY OF MARITIME EDUCATION AND TRAINING  
(Department of Naval Architecture & Offshore Engineering)

Department of Naval Architecture & Offshore Engineering  
&  
National Cadet Corps

*Cardially invites you to the*  
**Commemorative Day Celebration**  
**89<sup>th</sup> Indian Air Force Day**

Date: 09/10/2021 Time: 3:00pm

[Registration Link](#)  [Google Meet link](#) 

**Programme Schedule**

03.00 pm	Welcome Address by Prof. MSP Raju, Head - Department of Naval Architecture & Offshore Engineering
03.05 pm	Special Address by Dr. M. Jayaprakashweli, Registrar /r, AMET
03.10 pm	Chief Guest Address by Wing Commander Rangamani (Retd) , Indian Airforce Title : "Career opportunity in Indian Air force"
03.45 pm	Oratorical Competition on "Indian Airforce -The Pride of Nation"
4.15 pm	Note of Thanks Sub. LL. A Prem Anandh, Associate NCC Officer/ Asst Prof (NA & OF)

**1<sup>st</sup> Prize**  
Rs. 1500/-

Cash Award:

**2<sup>nd</sup> Prize**  
Rs. 1000/-





# FDP conducted by NA&OE



**DEPARTMENT OF NAVAL ARCHITECTURE and OFFSHORE ENGINEERING**  
&  
**HRDC - AMET University**

organized by  
**One Week**  
**Faculty Development Programme on**  
**"Advances in Strength of Materials and Manufacturing Engineering"**  
**[6th December to 11th December 2021]**



**Academy of Maritime Education and Training**  
Deemed to be University  
2125, East Coast Road, Kanathur - 603 112  
Chennai, Tamil Nadu, India  
Tel : 91 44 2744 4625 / 627 / 628  
E-mail : office@ametuivae.in  
Website : www.ametuivae.ac.in

**ABOUT THE UNIVERSITY :**

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**VISION**  
To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome research and development which will render students a unique learning experience and a transformational impact on the global society.

**MISSION**  
AMET will strive continuously to

1. Impart value-based higher education and technical knowledge with uncompromising strides of an outstanding quality.
2. Forge as a Centre of Excellence inculcating skill development in recent technologies in accordance with industrial trends.
3. Create World class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education.
4. Nurture talent and entrepreneurship to enable all mind/personality development among students.
5. Empower students across socio-economic strata.

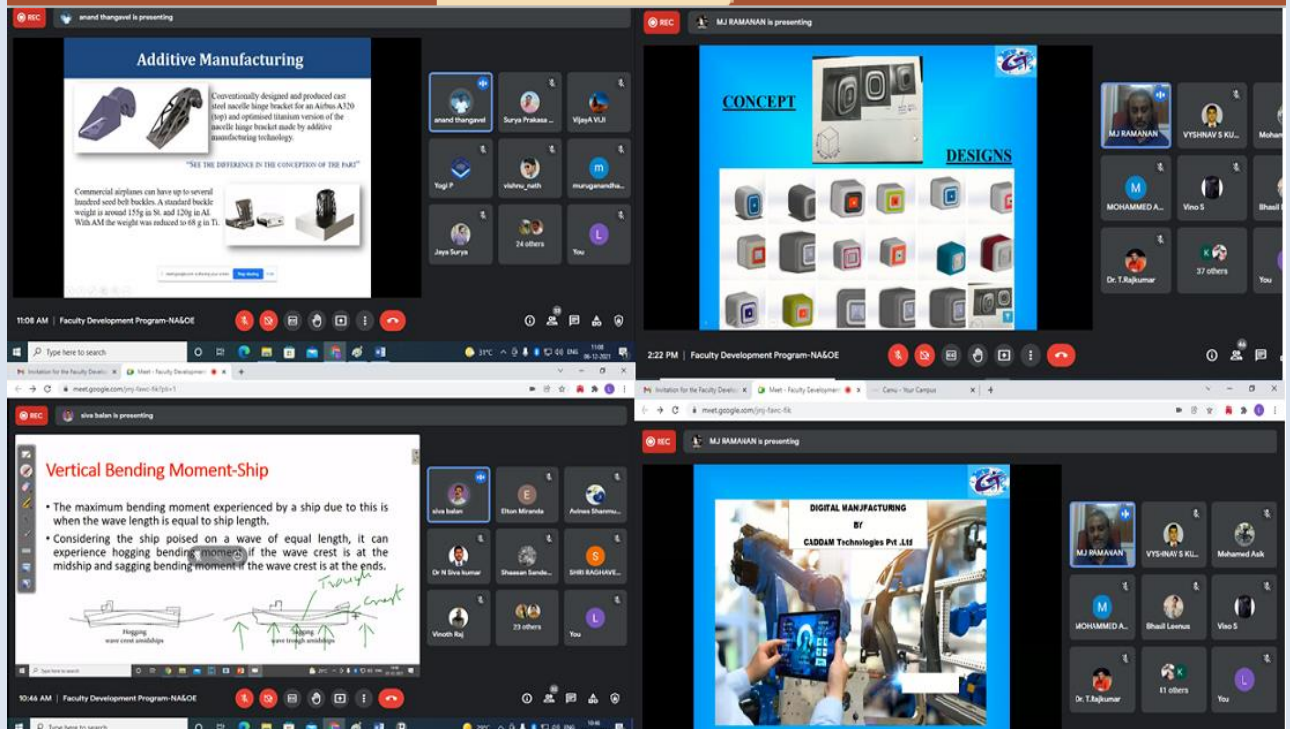
**ABOUT THE DEPARTMENT:**

The Department of Naval Architecture and Offshore Engineering was started in the year 2007. Department offers three programmes Ph.D, M.E (NA&OE) and B.E. (NA&OE). MoU with University of Strathclyde, Glasgow, UK for collaborative programme. MoU with 4 leading industries to enhance student skills and quality. State of the art ship design software AVEVA Marine, DNV-GL, Sesam, Bentley Maxsurf, Siemens Star CCM+ are available in the Department. These software are widely used in the industry.

**VISION**  
Our aim is to bring in education and research of highest International standards to transform the young minds academically intelligent, technically creative, ethically sound, emotionally strong and valuable to society.

**MISSION**

1. The Department is committed to impart high quality educational research in maritime sector.
2. The Department is focused on adopting the method of "learn by practical" that help the students to apply the knowledge on innovations.
3. The Department is committed to improve the analytical and numerical skill of the students to enrich their innovation and research.
4. To undertake various projects in support the design and research activities helping the graduates in career development and higher studies.
5. To create the world class research capabilities in the fields of Naval architecture and offshore engineering.
6. To make a positive difference to the discipline of Naval architecture through hands-on based education.



The screenshot shows a Google Meet session with four slides displayed in a grid. Each slide includes a title, text, and images related to the topic.

- Slide 1: Additive Manufacturing**
  - Text: Customarily designed and produced cast steel nacelle large bracket for an Airbus A320 (top) and optimized titanium version of the nacelle large bracket made by additive manufacturing technology.
  - Text: "SEE THE DIFFERENCE IN THE CONCEPTION OF THE PART"
  - Text: Commercial airplanes can have up to several hundred seat belt buckles. A standard buckle weight is around 170g in St. and 120g in Al. With AM the weight was reduced to 81g in Ti.
- Slide 2: CONCEPT DESIGNS**
  - Text: A grid of various 3D printed parts and components.
- Slide 3: Vertical Bending Moment-Ship**
  - Text: The maximum bending moment experienced by a ship due to this is when the wave length is equal to ship length.
  - Text: Considering the ship poised on a wave of equal length, it can experience hogging bending moment if the wave crest is at the midship and sagging bending moment if the wave crest is at the ends.
  - Diagram: A ship on a wave with labels for 'Hogging wave crest at midship' and 'Sagging wave crest at ends'.
- Slide 4: DIGITAL MANUFACTURING**
  - Text: BY CADDAM Technologies Pvt. Ltd
  - Image: A person using a tablet to interact with a 3D model of a ship's hull.





**Department of Marine Biotechnology,  
AMET Cultural Club  
&  
Directorate of Students Welfare**

*organizes*  
**Inter-Departmental Cultural Event  
SOLO ACTING COMPETITION  
FOR GIRLS & BOYS**

On 22-12-2021 @12.30- 2.30 pm  
venue : Shri Janakiraman Auditorium

Registration Link



Academy of Maritime Education and Training  
Deemed to be University  
#135, East Coast Road, Kanathur - 603112  
Chennai, Tamil Nadu, India  
Tel : 91 44 2744 4625/627/628  
E-mail: office@ametuniv.ac.in  
Website : www.ametuniv.ac.in

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**Mission**  
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- In part value-based higher education and technical knowledge with uncompromising strides of an outstanding quality.
- Emerge as a Centre of Excellence indicating skill development in recent technologies in accordance with industrial trends.
- Create world class research capabilities on par with the best in the world and broader student's horizons beyond classroom education.
- Nurture talent and entrepreneurship to enable all round personality development among students.
- Empower students across socio-economic strata.
- Make a positive difference in society through technical education.

**ABOUT THE DEPARTMENT :**

The Department of Marine Biotechnology, AMET University with a long history of teaching and research, is currently running postgraduate and research programs viz., M.Sc and Ph.D., in Marine Biotechnology. The Department is actively engaged in research on Marine Microbial Diversity, Enzyme technology, Secondary metabolites from marine organisms, Marine Bio products, Bio Fuels and Bioprocess Technology with a keen interest on Bioactive molecules from marine organisms.


Department has conducted 12 exclusive workshops or techniques related to "Biologically active molecules from Marine organisms" at National level. Besides we have also conducted several national level academic events such as conferences and seminars to disseminate the knowledge on Marine Biotechnology and Marine Microbiology. We have established a network of research collaboration with 7 international and 25 national research organizations. We have also established Memorandum of Understanding with many Biotechnology industries to expand our training, consultancy, research and development activities in various Biotechnologies.

**Vision**  
Empowering the students for a diverse and changing work and bridge the knowledge with engineering sciences relevant to marine and non-marine curricula.

**Mission**

1. To provide adaptive learning ambience in Engineering, Chemistry and its related fields to technical problem solving, leadership and teamwork skills of students.
2. Enhancing research and development to reach industrial requirements.
3. To provide a high-quality education experience that will prepare graduates to assume leadership positions within chemical and other associated industries.
4. To provide leadership to the chemical engineering profession through scholarship, teaching, and service.
5. To increase the interaction of students and faculty with industry.
6. To impart consultancy services to the chemical and allied industries around the region.

NA&OE student participation in Interdepartmental cultural activities




ACADEMY OF MARITIME EDUCATION AND TRAINING  
(Deemed to be University Under Section 3 of UGC Act 1956)

Department of Naval Architecture  
and Offshore Engineering

Cordially invites you to the

Two Weeks  
Administrative Training Programme on  
PROFESSIONAL  
DEVELOPMENT SKILLS  
FOR NON-TEACHING STAFF

from 15.06.2021 to 24.06.2021

Google Meet Link 

Convener :  
Prof. MSP Raju.

Head, Department of Naval Architecture and  
Offshore Engineering, AMET University,  
Chennai.

Training program conducted by NA&OE for the non teaching staff

# Placement

Students of the Department of NA&OE have been given opportunities by various esteemed organizations in the field of Naval Architecture and Offshore Engineering, as well as in allied industries.

Some of our past recruiters include:



## Placement

<b>S. No</b>	<b>Name of the Student</b>	<b>Name of the Employer</b>	<b>Number of Students</b>
1	Vignesh	<b>Vedam Design &amp; Technical Consultancy</b>	2
2	Rishab		
3	Vishnu	<b>Ammus Marine</b>	1
4	Srinivas	<b>Synergy Marine</b>	4
5	Ashutosh Padhy		
6	Ragesh R		
7	Vikram		
<b>S. No</b>	<b>Name of the Student</b>	<b>Name of the Employer</b>	<b>Number of Students</b>
1	Nitish Balaji	<b>Vedam Design &amp; Technical Consultancy</b>	1
2	Abraham Noel	<b>Bernhard Schulte</b>	1
3	Hari Prasanth	<b>Boat Craft Goa</b>	2
4	Athul Sunny		
5	Indumathi	<b>Fietz Global</b>	1
6	Shibin Shyju	<b>Ammu's Marine</b>	1
7	Ardra G	<b>Navagathi Marine Design</b>	1
8	Venu Aravind	<b>Albion Marine</b>	1
9	Shreyanka K	<b>Varuna Marine Services</b>	1
10	Christan Britto S	<b>Vik Sandvik</b>	2
11	Yashwanth C		
12	Sivaranjani A	<b>3- Fish Infomatics Pvt Ltd</b>	1
13	Athira Unnikrishnan	<b>S&amp;O Marine</b>	1
<b>Total Placement</b>			<b>20</b>



# Alumni Testimonials

1. Name: Aryan Chaddha

Batch: 2014 - 18

Currently: SembCorp Marine, Singapore

I got placed in Sembcorp Marine, Singapore is because the efforts put by our faculties & placement cell, which always make sure that every student gets placed in the best company. I can positively say that AMET has made me a better person.

I had moved to the soothing seaside environs of AMET from my school in the hilly terrain of Dagshai (Shimla hills, H. P). The facilities of the hostel, mess and education are complete in all respects and mind-blowing being on a seaside location. I found the faculty in Naval Architecture and Offshore Engineering department very cordial with a keen desire to instil the best of education and decent attitudinal qualities into the students. I in my personal experience found the faculty suiting my personal academic needs and always accessible. The higher management ensures that the latest techniques/knowledge and developments in various fields are obtained and communicated to the faculty and onto the students. Finally, my gratitude towards the placement department who in these hard times in the industry could find not only domestic but international companies for recruitment of AMET students and made sure each and every student got a fair chance.

2. Name: Dhanashree Gotad

Batch: 2013 - 17

Currently: Managing Director, Terran Engineering Solutions,  
Ratnagiri, Maharashtra

I am extremely grateful to AMET University and the Department of Naval Architecture & Offshore Engineering for all the guidance and steadfast attention to our academic and cultural growth. Through the unrelenting efforts of the faculty and our respected Director and HOD, it was possible for me to achieve my goals and career objective for which I will always be grateful.

### 3. Name: Sane Ameya Sanjay

Batch: 2014 - 18

Currently: SembCorp Marine, Singapore

Studying at AMET has been one of the best decisions I have made. It gives me great pleasure to say with pride that I have completed my graduation in Naval Architecture from AMET. The faculties and staff are very helpful and are always present to clear our doubts. Naval Architecture is a unique field and the passion for designing a ship.

Being in AMET is one of the most prominent and promising colleges in a career of Naval Architecture. It provides opportunities and a platform for a student for quality development. The campus has excellent infrastructure and is very beautiful and student-friendly amenities, such as gym, football and basketball courts, badminton court and modern well-equipped library. I think the facilities, environment and the resources here are much better than the other colleges.

### 4. Name: Ravi Varman Sivaram

Currently: Marine Consultant at AVEVA

My nine years of successful shipbuilding career started with a strong foundation from AMET. AMET has taught me two most important values, self-discipline and teamwork, which made my career much more successful.

### 5. Name: Manikandan

Batch: 2013 - 17

During my training period as trainee naval architect, I was associated with various departments like hull, outfit, piping, accommodation and machinery. During my training in these departments, the knowledge I gained during my internship in one of the shipyards as a part of my curriculum helped me in better understanding.



# FACULTY DETAILS



## Department faculty members

NAME	Prof. M. S. P. Raju	
DESIGNATION	Head of the Department	
QUALIFICATION	M.Tech (Ocean Engineering), IIT Madras, B.E (Naval Architecture), Andhra University, Visakhapatnam	
SPECIALIZATION	Ship Hydrodynamics and Classification Society survey/rules	
EXPERIENCE	24 years	
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NAME	Dr. Thiruvenkatasamy K	
DESIGNATION	Professor	
QUALIFICATION	Ph. D (Coastal Engineering), Japan M.S (Ocean Engineering), IITM	
SPECIALIZATION	Coastal Engineering, Hydrodynamics Ocean Energy	
EXPERIENCE	18 years(Teaching & Research)	
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NAME	Dr. B. M. Shameem	
DESIGNATION	Assistant Professor	
QUALIFICATION	Ph. D (Ocean Engineering), IIT Madras, M.Tech (Ocean Engineering), CUSAT, Cochin.	
SPECIALIZATION	Experimental and Numerical Ship Hy	
EXPERIENCE	14 years	
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# Department faculty members



**NAME** Dr. P. Sivabalan  
**DESIGNATION** Assistant Professor  
**QUALIFICATION** Ph. D (Ocean Engineering), IIT Madras, M.Tech (Naval Architecture & Ocean Engineering), IIT Kharagpur  
**SPECIALIZATION** Ship Motions and Control  
**EXPERIENCE** 16 years  
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**NAME** Dr. Prasob P. A.  
**DESIGNATION** Assistant Professor  
**QUALIFICATION** Phd (Composite Materials) VIT University, M.Tech CAD/CAM, Anna University  
**SPECIALIZATION** Mechanical Engineering, Structures  
Vibration  
**EXPERIENCE** 6 years in Industry, 5 years in Teaching  
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**NAME** Dr. Lilly  
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**QUALIFICATION** Ph. D (Water Resources), Anna University, M.E (Irrigations & water management)  
**SPECIALIZATION** Geo technical, Hydrodynamics  
Visual mold flow  
**EXPERIENCE** 14 years  
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# Department faculty members



**NAME** Mr. Prem Anandh  
**DESIGNATION** Assistant Professor  
**QUALIFICATION** M.S. (Naval Architecture & Offshore Engineering), AMET University Chennai, B.E. (Naval Architecture & Offshore Engineering), AMET University Chennai  
**SPECIALIZATION** Naval Architecture, Hydrodynamics, Ship Design Software's  
**EXPERIENCE** 8 years  
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**NAME** Mr. Kolli Sujit Kumar  
**DESIGNATION** Assistant Professor  
**QUALIFICATION** M.Tech, Naval Architecture & Ocean Engineering, Indian Maritime University, Visakhapatnam, B.E Civil Eng Andhra University, Visakhapatnam  
**SPECIALIZATION** Ship Stability and Construction  
**EXPERIENCE** 6.5 years  
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**NAME** Mr. Yarabala Gopi Krishna  
**DESIGNATION** Assistant Professor  
**QUALIFICATION** B.Tech (Naval Architecture & Ocean Engineering)  
**SPECIALIZATION** Resistance and Propulsion, Wave Hydrodynamics, Design of Offshore Structures, DNV-SESAM and NAPA Software  
**EXPERIENCE** 9 years  
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# Department faculty members



NAME	Mr. Jaya Surya R.	
DESIGNATION	Assistant Professor	
QUALIFICATION	B.E (Mechanical Engineering), M.Tech (Naval Architecture & Offshore Engineering)	
EXPERIENCE	Hull Corrosion Engineering	
E-MAIL	1 year	
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NAME	Mr. <u>Gugan</u>	
DESIGNATION	Lab Instructor	
QUALIFICATION	B.E (Naval Architecture & Offshore Engineering), AMET University, Chennai.	
SPECIALIZATION	Ship repair/building, AUTOCAD	
EXPERIENCE	8 years	
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**AMET**  
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