AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
DEEMED TO BE UNIVERSITY
(Under Section 3 of UGC Act 1956)

AICTE Sponsored

One week online
Short Term Training Program (Phase III)
on
ROLE OF SMART TECHNOLOGY
IN MARITIME INDUSTRIES

14th – 19th December, 2020

Organized by

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ABOUT THE UNIVERSITY

AMET is India's first Deemed to be University in Maritime Education which is ranked as 3rd 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.

ABOUT THE DEPARTMENT

Department of Electrical and Electronics Engineering is established in the year 2008 with the objective of imparting quality education of international standards and to produce highly innovative Marine Electrical and Electronics Engineers capable of solving global maritime challenges. The Department offers 4 years Under Graduate Program in Electrical and Electronics Engineering - Marine and 2 years Post Graduate Program in Power Systems and Doctoral programs in core areas as well as interdisciplinary domains.

The Department houses state-of the art laboratories, smart class rooms and well stacked library to impart teaching, learning and research. The Department is committed to community development and conducts regular extension activities to benefit the local and needy villagers around the university. The Department is proud of its legacy of Alumni who occupies key positions in world class Maritime/Non-Maritime sectors

ABOUT THE STTP

In modern maritime industry, emerging technologies such as Robotics, Data science, Artificial Intelligence (AI), Cyber Physical Systems (CPS) and Internet of Things (IoT) plays a vital role and its importance are constantly increasing. This program will give you enough exposure to smart technologies which will be functional in maritime sectors. IoT systems are applied across the shipping industry through their uniqueness, flexibility and its sustainability in any environment. They enhance data collection, automation and many other applications through smart devices making it a powerful and enabling technology. This will undoubtedly enhance safety, security and environmental protection associated with the global shipping industry.

OBJECTIVE

The STTP aims to bring academicians, research scholars, scientists and experts from maritime industries together on a common platform to identify few of the key problems faced by today's maritime industries and to solve or suggest ways to mitigate the problems using Smart technologies such as Artificial Intelligence, Internet of Things, Virtual Reality, Augmented Reality, Block Chain, Robotics etc.

SCHEDULE OF THE EVENT

Phase 1: 2nd – 7th November 2020 (Completed)

Phase 2: 23rd -28th November 2020 (Completed)

Phase 3: 14th - 19th December 2020 (Open)

(Last date for registration : 11th December 2020)

REGISTRATION AND CERTIFICATION

The programme is open to the faculty members from AICTE approved Institutions, Research Scholars, Participants from industry and R& D organization. Registration is free for all the participants.

Test will be conducted at the end of the program and certificates will be issued to the participants who maintain 80% attendance and score a minimum marks of 60%.

Register at https://forms.gle/YYLyvsr9Hze2o16aA

PARTICIPATING EXPERTS

Dr. Om Prakash Sha
Professor, Ocean Engineering & Naval Architecture, IIT Kharagpur

Dr. Vijay Kumar Banga
Principal, Amritsar College of Engineering and Technology, Amritsar, Punjab

Dr. John Paneerselvam
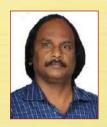Lecturer in Informatics, University of Leicester, UK

Dr. K. Sivaprasad
Professor, Department of Ship Technology, Cochin University of Science and Technology, Kerala

Dr. R. Venkatesan
Scientist G & Programme Director National Institute of Ocean Technology Chennai, Ministry of Earth Sciences

Dr. V.N. Mani
Scientist-E, Head, Centre for Materials for Electronics Technology, Department of Electronics & Information Technology, Govt. of India, Hyderabad
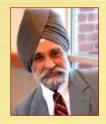
Dr. Swagat Kumar
Department of Computer Science Edge Hill University, UK

Dr. Sudantha BH
Dean, Faculty of Information Technology, University of Moratuwa, Katubedda, Sri Lanka

Dr. Gurdeep S Hura
Department of Mathematics and Computer Science, University of Maryland Eastern Shore, USA

Dr. Mayank Agarwal
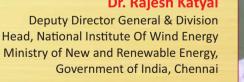Associate Professor & H.O.D, Computer Science & Engineering, Gurukul Kangri University, Haridwar, Uttarakhand

Dr. Pradeep Hewage
Department of Computer Science Edge Hill University, UK

Dr. Rajesh Katyal
Deputy Director General & Division Head, National Institute Of Wind Energy Ministry of New and Renewable Energy, Government of India, Chennai

Gaurav Shekhar
Program Director and Assistant Professor of Instruction Graduate Program – Business Analytics Naveen Jindal School of Management The University of Texas at Dallas, USA

Dr. M. Abdul Rahim
Corporate Officer Managing Director, Middle East and South Asia Nippon Kaiji Kyokai (ClassNK), UAE

CHIEF PATRONS

Dr. J. Ramachandran, Chancellor, AMET Deemed to be University
Dr. Rajesh Ramachandran, Pro Chancellor, AMET Deemed to be University
Col. Dr. G. Thiruvasagam, Vice- Chancellor, AMET Deemed to be University
Dr. N. Manoharan, Pro Vice- Chancellor, AMET Deemed to be University

PATRONS

Dr. M. Jayaprakashvel, Registrar i/c, AMET Deemed to be University
Mrs. Sangeetha Albin, Joint Registrar, AMET Deemed to be University
Prof. K. Seyadu, Director, Student affairs, AMET Deemed to be University

ADVISORY COMMITTEE

Prof. Bhoopathy Bhaskaran, Principal, DGS Courses, AMET Deemed to be University
Capt. Karthik, Dean, Nautical Science, AMET Deemed to be University
Prof. K.R. Chidambaram, Director, Competence Courses, AMET Deemed to be University
Prof. MSP. Raju, HOD, Naval Architecture and Offshore Engg., AMET Deemed to be University

PROGRAM MONITORING COMMITTEE

Dr. M. Jayaprakashvel, Registrar i/c, AMET Deemed to be University
Dr. T. Sasilatha, Program Co-ordinator, AMET Deemed to be University
Prof. Bhoopathy Bhaskaran, Principal, DGS Courses, AMET Deemed to be University
Dr. Sivasubramanian, Head, Department of Mining Engineering, AMET Deemed to be University
Dr. S. Priya, Professor, Department of EEE, AMET Deemed to be University

FOR MORE DETAILS CONTACT

STTP CO-ORDINATOR

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CO-COORDINATOR

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