



REPORT ON MTS TECHSURGE 2023

MTS TECHSURGE 2023 is jointly organised by MTS India Section in association with ASCE SRM Student Chapter & Norinco India Pvt Ltd on the theme of “ARTIFICIAL INTELLIGENCE FOR THE OCEAN” on February 4, 2023 in SRM Institute of Science and Technology, Kattankulathur, Tamilnadu, India. There are 210 registrations of participants from different institutions and 110 registrations for poster presentations for the event. The programme started with an introductory speech by Dr.R.Venkatesan, Founder Chairman, MTS India Section highlighting the activities of the society and awards won by the society. The programme is inaugurated by Ms.Zdenka Willis, Past President, Marine Technology Society and she provided the details of Techsurge event. This is followed by Guest of Honour address by Dean (CET) in which the topic AI for the ocean is highlighted.

The Souvenir and Coffee Table Book are released by the Guests and Past President handed over them to the delegates. Mr.Pradeep, Faculty Advisor, ASCE SRM student chapter provided the insight of activities of the chapter and Dr.J.Preetha Roselyn detailed the activities of SRM MTS student chapter. The MTS awardees, Sairam Engineering College, Bangalore for Outstanding student section award 2022 and Dr.J.Preetha Roselyn for John P Craven Mentor Award 2022 are felicitated in the inaugural function. MTS Nanda awardees under UG and PG category are felicitated with cash prize, certificates and Trophy.

The technical talk started with Ms.Zdenka Willis, Past President, MTS in the topic “ UNESCO IOC GOOS MTS-NOAA Industry Dialogue” followed by technical talk on “Leveraging Artificial Intelligence for underwater inspection and exploration in Planys” by Mr.Subhra S Sarkar. Dr Abhilash, IIT Madras enlightened the audience in the topic “AI-Marine autonomy” followed by Dr.Susir Kumar Dash, NCCR in the topic “Artificial intelligence on coastal science”. The SRMIST students demonstrated their prototypes before the audience and delegates. Mr.Laijin from Saipem provided the technical talk on “Offshore Infrastructure” followed by Dr.Deb Singh Deo from Mathworks technical talk on “Accelerating AI applications with MATLAB and Simulink”. Dr.P.Varalakshmi, MIT, Chennai provided his talk on “Applying AI technology in Ocean” and followed by panel discussion on student career forum by Mr. A.K.Chetty-Norinco, Mr. Saravanan-L&T and Ms Hema. During valedictory session, the poster winners are awarded and Mr Pradeep reported the detailed programme of this event.





