

NEW HORIZON COLLEGE OF ENGINEERING - MTS

Event name: Workshop on Underwater Autonomous Vehicles

Event Date: 26th November, 2018

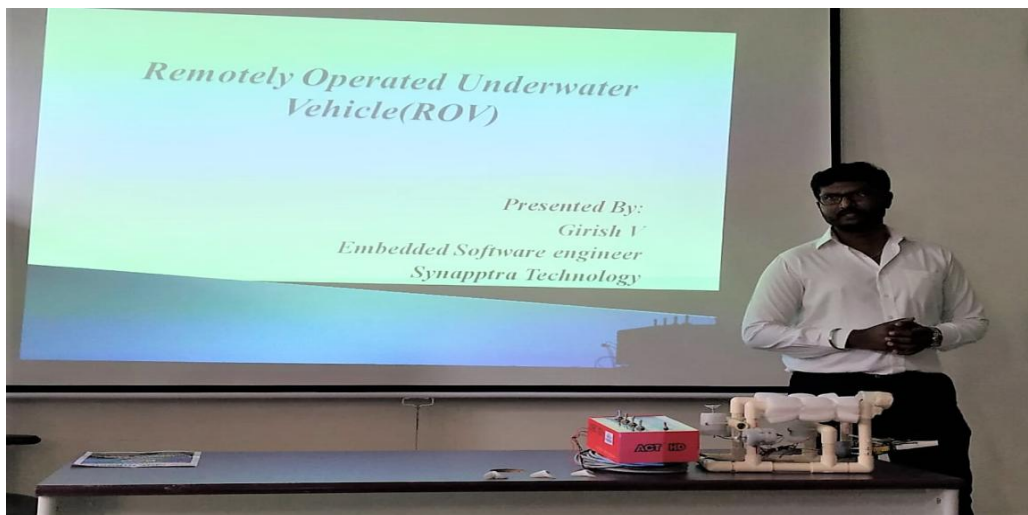
Event Venue: Power Electronics Lab, ECE Dept. and Highway and Concrete Lab, Civil Dept.

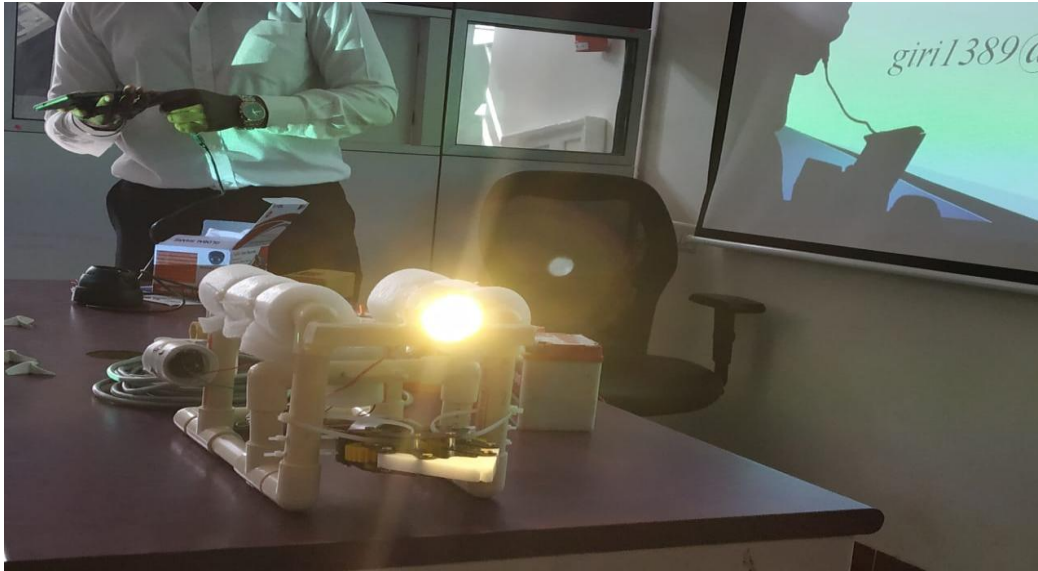
Basics to Underwater Autonomous Vehicles

The day started with inquisitive minds from the ECE department and different semesters, all having the same purpose: To learn more about Underwater Autonomous Vehicles. The workshop was conducted with the permission and guidance of the Chairman Dr. Mohan Magnani, the Principal Dr. Manjunatha, HoD of the ECE department Dr. Sanjeev Sharma and MTS Faculty Coordinator Mr. Naveen Gowda. The workshop brought more attention with its association to The Marine Technology Society. Nearly 30 students became a part of this learning experience conducted by the members of the club. The workshop commenced at 10 A.M. and went up to 12:15

Noon.

The workshop gave us an insight to what an ROV is, the various fields in which ROVs are used, a briefing on other types of underwater robots, and the Ten main guidelines for designing and ROV.





The friendly and interactive nature of the session enabled participants to pose their queries and expand their knowledge on ROVs and come up with final year projects. Participants were given a demonstration on how an ROV would function in real time, what challenges the designers would face when constructing such an ROV and how to overcome those challenges.



These demonstrations have been picked up to show the versatile uses of a ROV. The day ended on with a good note with participants requesting more guidance of their journey with learning about Underwater Autonomous Vehicles.

Conclusion:

The Underwater Autonomous Vehicles were demonstrated, enabling students to have hands on experience on current technologies.