

SRM ASV

Team Bio

SRM ASV is a student research team based in SRM Institute of Science and Technology. The team consists of 11 undergraduate students from various disciplines of engineering. The team focuses on developing cutting edge technology to develop the future of Autonomous Surface Vehicles since its inception in 2013.. The team consists of four domains namely Coding and Computer Vision, Electronics, Mechanical and Corporate. Coding and Computer vision domain focuses on making various algorithms for a precise movement of the boat and navigating smoothly through it. Computer vision domain works on various algorithms to get the input from sensors such as Cameras and Laser scanners. The Electronics domain works on make low power efficient power supplies from batteries and also on the online monitoring and diagnostics systems for the boat. The mechanical domain works on building a highly streamline, robust and stable mechanical structure to run over the water and also safely house all the electronics and sensors onboard. The corporate works hard on getting sponsors and the funds required for the competition facilitating a hurdle less progress in research. The team as a whole is destined to achieve great progress in the upcoming years.