**OBJECTIVE ABOUT THE TEAM**

* To deploy the AUV as an “Automated Underwater Vehicle”, The Dream Team is a special cell of Team Hydra, Headed by

which will also be deployed as a ‘Purifier’. Siddhant bajpai(Team Head), Nishant srivastava(Opertaion

To also develop the AUV for surveying Head) and other members which is dedicated towards making

and navigation purpose. To develop it the AUV into a commercially viable product.

supporting the initiatives such as Working in collaboration with the government of India ,

‘SWACHH BHARAT ABHIYAN’ and the dream team aims at manufacturing a feasible product by ‘MAKE IN INDIA’, this shall comply the end of year 2017

with the modern day market requirements.

**FACULTY ADVISOR**

Dr. Prasanna Kumar

Professor, EIE

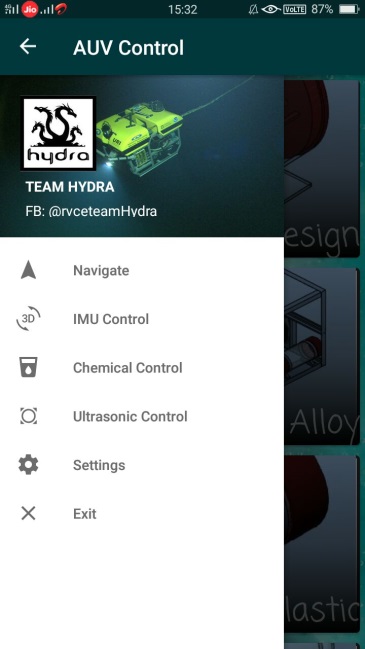
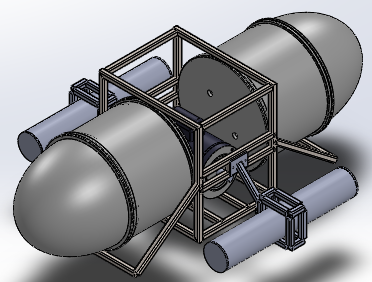
**ACTIVITIES ACHIEVEMENTS**

1. Design and fabrication of the outer structure of auv. **1.** Participation at NIOT competition at Chennai.
2. Developing android application to monitor and control. **2.** Secured second place in PDR presentation at

the auv. NIOT, Chennai.

1. The hardware implementation of the electronics part. **3.** Received the Best project award from IISc Bengaluru.
2. Planning the underwater communication . **4.**Working in collaboration with Government of India
3. Lake water sample collection and testing. under two projects.
4. Simulation. a)Autonomous underwater vehicle.

b)Autonomous Underwater Purifier.

App UI: NEW DESIGN :