

TEAM SCREWDRIVERS - Mumbai, India

EMPLOYEE LIST



COMPANY SPECS

Company: Team Screwdrivers

Home State: Mumbai, India

Distance to Competition: 10,684 km

Competition Participation: 2nd Year

Education Level: Undergraduate Students

Mentor: Prof Sawankumar Naik

ROV SPECS

Rov name: Vikrant

Project Cost: 2250 \$

Total Weight: 20 kg

Dimensions: 70mmx70mmx60mm

MAX Current Consumption: 480 Watts

Safety Features:

1. Fuses for over current protection are used throughout
2. No sharp edges present
3. No air leakage from the connections joint
4. Camera is reverse polarity protected
5. Perfectly shrouded thrusters which are corrosion protected and have anti-airlock protection along with moisture tight seal and ignition protection
6. The electronics board is dipped in borax solution to make it fire-resistant

- Prof. Sawankumar Naik - Faculty Mentor
 Jaidev Kulkarni - C.E.O - 4th Year
 Shiruy Daver - C.T.O - 4th Year
 Shreyans Singhvi - C.F.O - 4th Year
 Mahitosh Parashar - Chief Logistics - 3rd Year
 Rishi Bafna - Chief External Affairs - 3rd Year
 Koushikee Chatterjee - Chief Outreach - 4th Year
 Anuja Majumdar - Chief Electronics Designer - 4th Year
 Aditya Mulgundkar - Embedded Programmer - 2th Year
 Kunal Deore - Chief Graphic Designer - 4th Year
 Jay Shah - Chief Mechanist - 4th Year
 Jinal Lad - Safety Manager - 3rd Year
 Mohak Mehta - Payload Specialist - 3rd Year
 Ankit Sharma - Financial Secretary - 2nd Year
 Aarushi Anand - Safety Manager - 4th Year
 Kushagra Sen - Team Support - 3rd Year



Special Features:

1. Light weight thrusters for more power & thrust
2. Self-designed electronics board for better efficiency
3. 4 Vectored horizontal thrusters
4. Multidirectional camera system
5. Capable of high resolution camera system
6. Customized electronics chamber that's built to fit the optimally spaced electronics board using connectors that cost less than a dollar
7. Easy, user friendly GUI control using Xbox controller