TEAM SCREWDRIVERS - Mumbai, India

EMPLOYEE LIST

- 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 - 2nd 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

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

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