

# COMPANY SPEC SHEET

## Company Specs:

College name: MPSTME, SVKM's NMIMS

Company Name: Team Screwdrivers

Place of Origin: Mumbai, India

Distance to be covered to reach Competition Venue: 14,014 km

Status of participation: Company – RETURNING; Team members – NEW.

Class of participation: Explorer Class

### STAFF MEMBERS- TECHNICAL

Mansi Singh – Chief Executive Officer

Mirza Samnani – Chief Technology officer

Chandni Raghuraman- Chief Financial Officer

Sahajdeep Chhabra – Software Specialist / Electronics Expert

Jatin Swami – Payload Specialist / Logistics Manager

### STAFF MEMBERS- NON TECHNICAL

Simanti Bose – Outreach President

Komal Sharma- Marketing Head

Avi Dhruv- Marketing Executive

Mentor – Prof. Sawankumar Naik



## TEAM SCREWDRIVERS 2017

Left to right: Komal Sharma, Sahajdeep Chhabra, Chandni Raghuraman, Mirza Samnani, Mansi Singh, Jatin Swami and Simanti Bose

## ROV Specs:

ROV name: MANSAROVER

Total cost: \$ 1325.28

Total manufacturing time: 720 hours



## Safety Features:



Fig 1: The edges of the chassis are smooth and lightweight

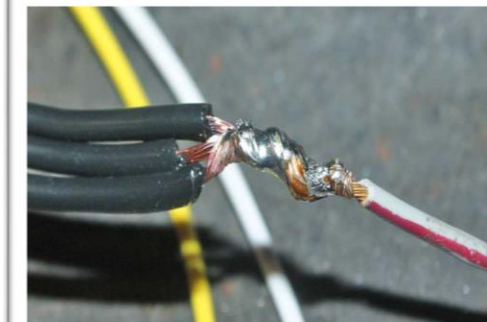


Fig 2: All electrical connections are soldered



Fig 3: Company members take safety precautions before handling the ROV

## Special Features:



Fig 4: RC controller and reveiver is used for piloting

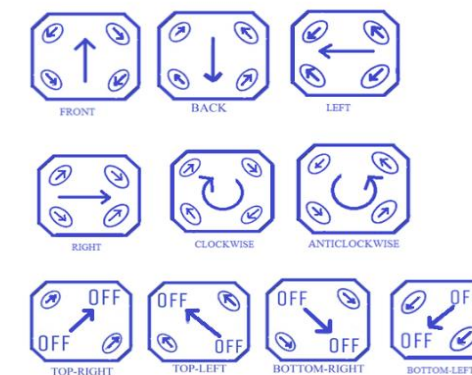


Fig 5: Mansarover can be manouvered in 10 directions laterally



Fig 6: Mansarover makes use of a multipurpose mechanical arm designed in-house

## Photo of Mansarover:

