

TEAM BANGALORE ROBOTICS



Home state: BANGALORE, KARNATAKA, INDIA
Distance travelled: **9490.4 Miles** (15273.3 Kilometres)
First time participation at the MATE-ROV international competition

Team members:

- Dr Venkatesh Gurappa Faculty Advisor, Team Mentor, GAT, VTU, India
- Sumithra Mayur Sundar rajan Faculty Advisor, Vijaya High School
- Vikram Bashyam Team Advisor
- P V Paneesh Kumar Team leader and Pilot
- Amar Narayan Paipalli Structural and Control Group
- Balaji Rajeevalochana Co-ordinating and Testing Group
- Bharath Gopalakrishna Design and Electronics Group
- Shreyas Atcham Sanath Kumar Electronics and Control Group
- Ashwini Hiremath Electrical and Programming Group
- Manasa Nagaraja Electrical and Testing Group
- Malatesh Prasad Web Development and Design Group
- Swaroop Kukke Design and Electronics Group
- Usha Jogappanaik Software Development and Programming
- Shruthi Mohandass Electrical and Co-ordinating Group
- Sudarshan Anbazagan Software and Web Development Group
- Niranjana Hallur Co-ordinating and Testing Group
- Anusha Ramesh Electrical and Structural Group
- Rohit Talamanchi Electronics Group
- Pavan kumar N Design group



ROV SPEC SHEET "JALA CHAKRA"

Total cost: \$44016

Primary material used: PVC, Aluminium, Acrylic.

Dimensions: 0.6*0.6*0.3 m

Weight: 10kg

Safety feature: 40A Blade Fuse , 40A manual reset

Fuse.al features: Rotary Velcro Remover, Innovative PWM 50v to 24v converter using a commercial Motor speed controller. Homemade Depth/Pressure sensor.

