

# STRATODIVER

**Company Name-** Team Screwdrivers  
**College Name-** SVKM's NMIMS MPSTME  
**Place of origin-** Mumbai, India  
**Distance to Competition-**12,469 km/ 7747mi  
**Year Competing-**5<sup>th</sup>  
**Class of Competition-** Explorer



**Total Development time-**1490 hrs  
**Development Cost-**\$1216  
**Actual Cost (After Component Reuse)-**\$417  
**Total Mass in Air:** 12 kg **Overall Dimensions:**  
40 cm x 35 cm x 25 cm  
**Chassis Material:** Aluminum

**Safety Features:** Master Fuse, 3D Printed Thruster Shrouds, Separate Safety checklist for production and off-shore, no sharp edges, Realtime Voltage & Current Monitoring

**Special Features:** Full 6-degree of freedom control, Simplistic Design (Easy Troubleshooting), First in the Industry Electronic Self Balancing, Precise Control with trim, Pilot friend telemetry.  
3 live Low latency Cameras with 2 more on standby



**Company Staff-**  
**Mirza Samnani-** CEO & CTO  
**Mechatronics Engineer**  
**Aishwarya Sawant-** Marketing  
**Civil Engineer**  
**Juhi Tarde-** Technical Outreach  
**Electrical Engineer**  
**Suketu Thanawala-** Procurement Logistics  
**Civil Engineer**  
**Prof Sawankumar Naik-** Faculty Advisor

L to R- Suketu Thanawala, Mirza Samnani, Prof Sawankumar Naik, Juhi Tarde, Aishwarya Sawant



**MATE**

