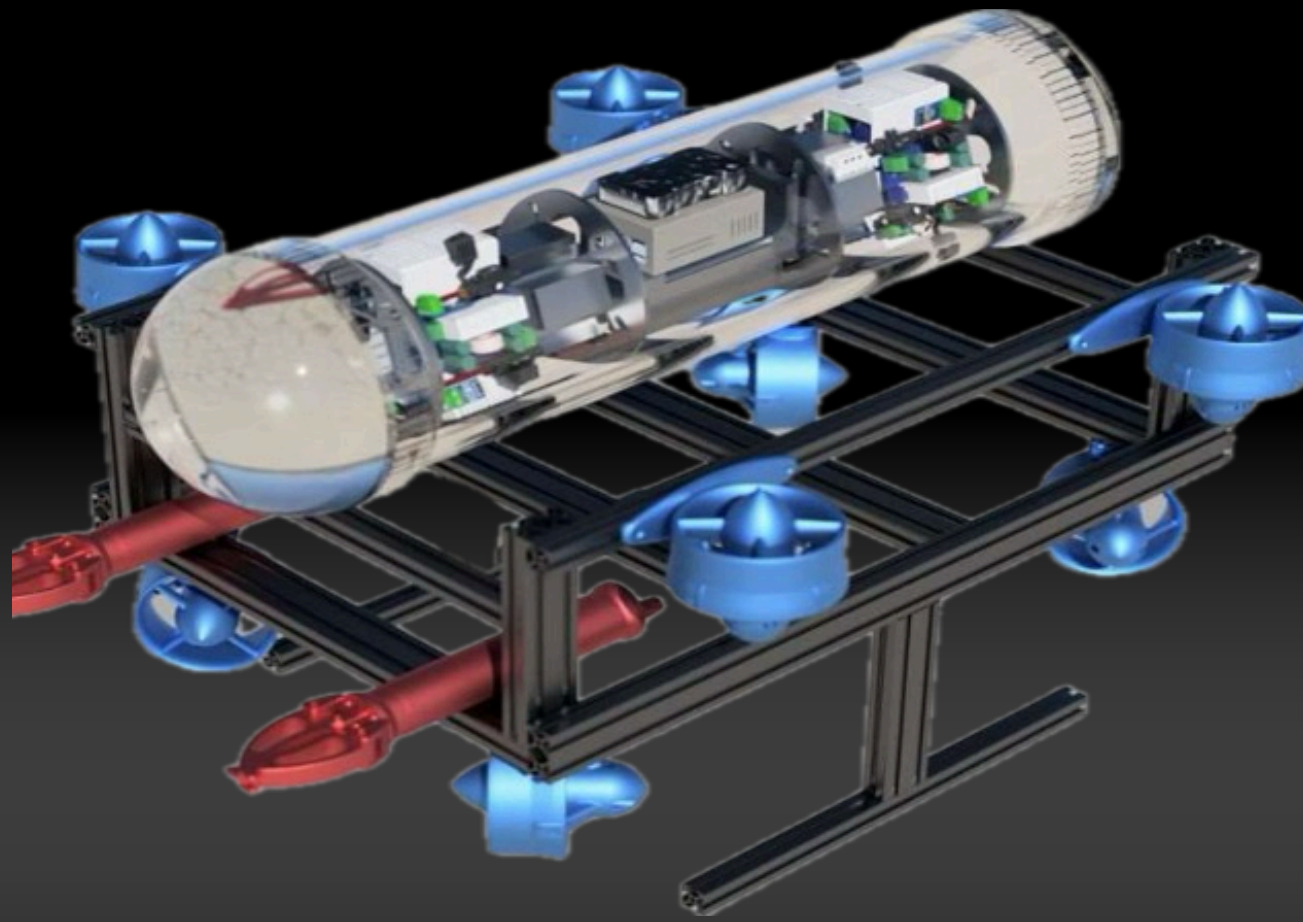




SPEC SHEET 2024

TEAM JALPARI



ABOUT N.I.M.O

TOTAL WORK HOURS: 22000 hrs
TOTAL COST: \$3800
TOTAL MASS: 21KG
DIMENSIONS: 85CM X 65CM X 45CM
POWER: DC 48V 30A
8 THRUSTERS

SAFETY FEATURES

- Remote Control and Monitoring
- Collision Avoidance Systems
- Leak Detection and Sealing
- Communication Systems
- Pressure Resistance
- Emergency Stop Mechanism

SPECIAL FEATURES

- HD Low Light Vision
- 6 DOF of ROV
- 3 Grippers for Various Actuators
- Up to 30m Depth
- 8 KG Payload
- Multiple cameras

TEAM MEMBERS

MECHANICAL:-

'24- Jerin Jose (head)
'25-Bilal Baslar
'25-Gagan Pramod
'26-Mohamed Hanif Nazar

ELECTRICAL:-

'24-Syeda A'faf (head)
'24-Syed Hayyan
'25-Adarsh Baburaj
'25-Shaima Zaffar

SOFTWARE:-

'24-Mohammed Emad (head)
'24-Ashton Rebello
'25-Aman Nishad
'25-Shreesh Chaturvedi
'26-Medwin Varghese Sajan