

RedSea Rovers

2024 - 2025



The First Saudi Team to participate in the MATEROV Pioneer Class Competiton



ROV

Weight: 11.489Kg

Height: 51 cm

Length: 74cm

Width: 61.5 cm

Special Features :

Two Robotic Arms

Eight Thrusters

Two wide-lense cameras

Total Cost:

9,331 US Dollar

Total Hours:

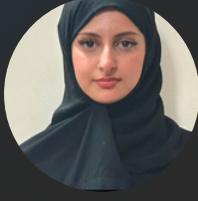
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Safety Features :

Tether Strain Relief

Emergency Shutoff

3D Printed Thruster Guards



Member Information

Roba Faisal | CEO | Electrical + Power Engineering | 3rd Year

Anas Bajbaa | Power Unit Leader | Electrical + Power Engineering | 3rd Year

Abdullah BinSalman | Software Unit Leader | Electrical + Computer Engineering | 3rd Year

Yousef Bajaber | Mechanical Unit Leader | Mechanical Engineering | 4th Year

Shaden Alzahrani | Software Unit | Electrical + Computer Engineering | 3rd Year

Albraa Ahmed | Software Unit | Electrical + Communication Engineering | 4th Year

Raghad Alsaedi | Mechanical Unit | Aerospace Engineering | 2nd Year

Yazeed Almarwani | Mechanical Unit | Mechanical Engineering | 4th Year

Rahaf Abdulkhaliq | Power Unit | Electrical + Power Engineering | 2nd Year

Mentor Dr Ammar Melaibari

Distance travelled \approx 1090Km from Saudi Arabia, Jeddah (King AbdulAziz University)