**ABSTRACT**

The design analysis of Underwater Remote Controlled “Pick and Place” Robotic Vehicle has been presented in this paper. This Remotely operated vehicles (ROV) help oceanographers study parts of the ocean that are too dark, too cold, or too deep for human divers. Build a real underwater ROV, and take a video showing how you control it while it's underneath water.

We are trying to make a mechanical arm with all its basic applications which can be also useful underwater that is we can search, locate, and pick or place it on another location underwater.

This arm will able to pick and place object which cannot handled or not accessible to human body which are beneath the water, as it is underwater the arm and its other parts will be fully waterproof.

**Keyword:** ROV, Oceanographers