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**Abstract:**

Indian Navy is modernizing itself by inducting new and advanced war machines with high fighting ability. The primary objective of the navy is to safeguard the nation's maritime borders, and in conjunction with other Armed Forces of the union, act to deter or defeat any threats or aggression against the territory, people or maritime interests of India, both in war and peace .Indian Navy uses several references for guarding its maritime borders such as ships and submarines. For the past few years, the navy was unable to manage its aim. In order to avoid such accidents, according to the recent updates , it is aiming to form new equipment named ”UNMANNED UNDERWATER VEHICLE”. **Unmanned underwater vehicles** (**UUV**), also known as **underwater drones**, are vehicles that are able to operate underwater without a [human](https://en.wikipedia.org/wiki/Human)  occupant. These vehicles play a crucial role in this paper.In this paper,I will explain the construction of these vehicles, importance of each material ,specifications, principle of working, facilities and its importance for the welfare of our country.