

Design of Solar Powered Unmanned Surface Vehicle [USV]

Pratik C. Jadhav¹, Samadhan D. Dabade², Priti S. Hada³, Prajakta D. Kamble⁴, Prof. Gikwad.S.N⁵

S. B. Patil College of Engineering, Indapur, Maharashtra, India

Abstract: *Development of solar energy and efficient technologies is resulting in significant energy security, climate change, mitigation and economic benefits. This research work presents uses of solar powered Unmanned Surface Vehicles [USVs] useful for coastal surveillance in military applications, rescue and search and water quality and quantity measurement. Surveillance and security at coastal region borders is very important to avoid any harmful activity also to avoid drug smuggling through water and illegal fishing.*

Keywords: GPS, Thermal sensing, Proximity Sensor, Ultrasonic Sensor

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