

Technology developed

Name of the technology developed	: Floating Offshore Hybrid Energy Platform
PI	: Dr. Mohit Verma
Team	: Dr. A. Subbulakshmi and Dr. M. Keerthana
Purpose	: This floating hybrid solar-wind platform maximizes renewable energy generation by combining vertical-axis wind turbines (VAWTs) and solar panels on a single, stable floating structure. It optimizes space use, enabling installation between existing offshore turbines to boost power density without expanding farm area. Designed for deep-water deployment, it offers a scalable, efficient, and reliable solution that delivers consistent energy output and accelerates the transition to sustainable offshore power generation.
TRL	: 4

