

MVSR Engineering College, Nadergul.

Department of Mechanical Engineering

COURSE OUTCOMES

Class: B.E.IV Year I Sem (Mech. Engg.)

Name of the Course: **NON-CONVENTIONAL ENERGY RESOURCES**

Course Code: ME 408

At the end of the course student is able to

S.No	Course Outcomes	POs Mapped
ME 408.1	Classify Non Conventional Energy Resources	PO1, PO2,PO3,PO4
ME 408.2	Elucidate the principle of photovoltaic system and its applications	PO1, P02,PO3, PO4, PO11, PO12, PSO-01, PSO-02
ME 408.3	Classify wind turbines, Estimate torque coefficient of rotor	PO1,P O2, PO3, PO4,PO6,PO7, PO8, PO12, PSO-01, PSO-02
ME 408.4	Comprehend the principle of conversion of geothermal and biomass energy.	PO1, PO2,PO3, PO4, PO6, PO7, PO8, PO11, PO12, PSO-01, PSO-02
ME 408.5	Illustrate the principle of conversion of Wave and Tidal energy.	PO1, PO2,PO3, PO4, PO11, PO12, PSO-01, PSO-02
ME 408.6	Analyse 5 MW ocean thermal energy conversion plant	PO1, PO2,PO3, PO4, PO6, PO7, PO8, PO9, PO11, PO12, PSO-01, PSO-02

PO's

1. Engineering Knowledge 2. Problem analysis: 3. Design / Development of solutions: 4. Conduct investigations of complex problems: 5. Modern tool

usage: 6. The engineer and society 7. Environment and sustainability: 8. Ethics. 9. Individual and team work 10. Communication: 11. Project management and finance: 12. Life-long learning:

PSO's

1. Research Potential 2. Competent areas