

SAHRDAYA COLLEGE OF ADVANCED STUDIES

DEPARTMENT OF PHYSICS

Subject: non-conventional energy sources

Students to whom it is applicable: All other department students in the college except physics students.

Objectives: to develop scientific temper and attitude in students from other streams.

Syllabus: The program consist of 4 modules

- Module 1- -solarenergy: Solar radiations, fieldsof applications.
- Module 2-- Windenergy: wind energy conversions and applications.
- Module 3 – Geothermal energy and energy from biomass.
- Module 4 – Energy from Ocean s and Chemical energy resources: various fields of energy from ocean, Advantages and disadvantages.