

B.E. (Instru.& Control) (Elective -IV)
RENEWABLE ENERGY SYSTEMS
(2015 Course) (Semester-II) (406271 B)

1. Explain Thin film solar cells
2. Explain usages of fuel cells with suitable example..
3. What is renewable energy? Explain geothermal energy and its scope in future.
4. Explain working of solar cooker.
5. Explain solar panel section and array design.
6. Which factors are important during design of wind turbines.
7. Write note on Solar electric heaters.
8. Write note on Grid tied inverters.
9. Describe wind resource assessment with example.
10. How solar water pump works?
11. Explain various types of power converters and their role in photovoltaic systems.
12. How MPPT algorithms are used?