





Subject: PG Elective course for Environmental Science/biological

science/chemistry/Agriculture Course: Biomass characterization

Development Team

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Module Title: 2. Advantages of biomass energy among alternative sources

Id : ABE/STWB/2

Pre-requite: Biomass production, biomass energy, Various forms of energy under utilization.

Key words: Biomass, alternative energy, renewable energy, solar, thermal,

hydrogen, wind, water energy.

Objective: To study the advantages of biomass energy by comparing with other alternative energy sources.

Outcome: At the end of the module, learners come to know about the various alternative energies availability under usage and advantages of biomass as suitable renewable energy over other energy forms.

2.1 Introduction

Alternative energy represents, energy from sources that do not involve combustion of fossil fuels. These alternative energy sources generate ecological footprints only to a lesser extent when compared to traditional energy. They are also called renewable energy sources because they can be replenished easily.