

**Subject: PG Elective course for Environmental Science/biological science/chemistry/Agriculture**

**Course: Biomass characterization**

### **Development Team**

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**Module Title :22. Extractive method of processing the biomass**

**Id : EM/EMPB/22**

**Objectives:** To study the principles and methods employed for extracting energy and biochemical components from the same biomass feedstock.

**Prerequisites:** Biomasschemical constituents, polar and non-polar extraction solvents; Organic and inorganic constituents of biomass;

**Key words:** Biochemical components; Extraction; solvents; biorefinery; sequential extraction.

**Outcome:** At the end of this module, learners will understand about extracting energy and biochemical components of biomass by adopting various extractive methods, biorefineryway and sequential/successive extraction techniques. That is methods for obtaining more than one energy and products from same biomass feedstock.