

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

Course: Biomass characterization

Development Team

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Module Title : 25. Biomass hydrolization

Id : BH/BDSF/25

Objectives: To study the principles and methods of hydrolyzation and saccharification of biomass feedstock.

Prerequisites: Biomass constituents; Complex macromolecules; polysaccharides: biomass break down;

Key words: Biomass, Complex macromolecules; polysaccharides: protein; lipids

Outcome: At the end of the module, learners understand about biomass hydrolyzation and saccharification; and various methods involved in the processes of hydrolyzation and saccharification as well as the importance of biomass saccharification and its difference over hydrolyzation.