

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

Course: Biomass characterization

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Module Title 36. Biomass experimental validation

Objectives: The objectives of this module is to study about the basic aspects, step involved and importance of biomass experimental validation.

Key words: Biomass experiment: validation process; Model validation; Model simulation; Model optimization.

Prerequisites: Biomass properties; Factors affecting biomass properties; Biomass storage condition; Biomass storage simulation.

Outcome: At the end of the module, the learners get information about what are the various basic aspects of experimental validation, step involved and importance of biomass experimental validation. And also various examples for the modelling and validation of different biomass conversion processes.