



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

Course: Biomass characterization

Development Team

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Module Title : 14. Algal industrial polymers

Id: AP/AIPA/14

Pre-requite: Algae cell wall composition, algae polysaccharides,
Structure of polysaccharides.

Objective: To study the various phycocolloids of seaweeds and their
structure and application.

Key words: Seaweeds; phycocolloids; polysaccharides; agar; carrageenan;
alginate; application.

Outcome:

By considering the importance and potential of its applications, in this
module, we will discuss in detail about this seaweed hydrocolloids
popularly called algal industrial polymers and its applications.