

PMI6J003 AGGLOMERATION TECHNIQUES (4-0)
(Professional Elective Paper)

Module - I **(08 hours)**

Necessity and scope of agglomeration, Raw material preparation, Green ball formation.

Module - II **(10 hours)**

Drying of green balls, Firing of pellets, Types of pellets, DISC & DRUM pelletizer,

Module - III **(10 hours)**

Constructional & operational features, Firing systems – Shaft furnace, Grate, Kiln & Grate-Kiln combination for pellet firing.

Module - IV **(08 hours)**

Mechanism of Sintering, types of Sinter and properties of Sinter. Briquetting