

AMMR-17: PRINCIPLES OF POWDER PROCESSING

Course Details:

The particulate state- attributes & morphology of particles, distribution of particles in a single attribute, inspection as a measure of global properties of particular ensembles, analysis of static & dynamic particulate systems by transformation attributes and measures, production of particles, particulates in suspension, stability, morphology and setting, size analysis, consolidation of powders, Sintering.

Text Books and Reference:

1. Powder Metallurgy, Erhard Klar (American Society of Metals)
2. Introduction to Particulate Technology, Martin Rhodes (Jhon- Wiley)
3. Powder Metallurgy Technology, G. S. Upadhayaya