

Objectives and Course Content of Short Term Courses

Operational Plan No.	AS-11
Name of the Course	Nanomaterials: Characterization and Applications
Objectives of Course	The objective of the course is to provide an overview, understanding and progress made in development, synthesis, characterization and applications of nanomaterials for future Nano-scale devices and systems.
Course Content	Nanoscience and nanotechnology, nanomaterials and nanostructures; Properties of nanomaterials; Synthesis and Characterization techniques; Nano electronic devices; QDs and NEDs; Modeling and Simulations of nanostructures; Nano composites and coatings; and Nanomaterials and nanodevices in healthcare, Demonstration and field visit etc.
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