

CHM 432 Introduction to Nanotechnology 2 + 0 +0 (2 Credits)

Introduction to Nanotechnology. What is Nanomaterial? The need for Nanomaterial. Types of Nanomaterials. Preparation of nanomaterials. Property characterization and device fabrication. Application of nanotechnology. Simple organic nanoparticles. Applications nanoscience: Sensors, Biomedical Application, Optics and electronics, Energy etc