



केन्द्रीय शैक्षणिक एवम् तांत्रिक माहिती संशोधन समीती

CENTRAL EDUCATION & INFORMATION TECHNOLOGY RESEARCH COMMITTEE
AN AUTONOMOUS INSTITUTION REGD. BY THE GOVT. OF NCT OF DELHI UNDER ITA 1882 GOVT. OF INDIA
REGD. BY NCS-MINISTRY OF LABOUR AND EMPLOYMENT, GOVT. OF INDIA
REGD. AT MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME), GOVT. OF INDIA
An Autonomous Organization works for IT, HRD & Literacy

Post Graduate Diploma In Chemical Engineering

Description

The diploma course in chemical engineering is designed to prepare the students to become successful professionals in the field and cater to the needs of the chemical industries. With the ever growing industries in chemicals, there is huge demand in the chemical field and related sectors. This has led to demand for trained experts to meet the challenges in the field and find scientific solutions for problem issues prevailing in the concerned areas. Chemical engineering involves the studying all aspects related to manufacture of chemicals, materials and changes in their states.

Course Content

Module 1: Introduction to Chemical Technology.

Module 2: Intellectual Property Rights

Module 3: GMP & GLP guidelines for chemical industry

Module 4: Technology transfer in chemical industry

Module 5: R & D trials and Spin-out Development

Module 6: Stoichiometry & the Role of Chemical Engineering in Pharmaceutical API Process R&D.

Module 7: Thermal and mechanical unit operations

Module 8: Chemical Reaction engineering

Module 9: Raw material, products, Environmental aspects, and Costs of chemical technology

Module 10: Pilot plant-Scale up

Module 11: Chemical Safety and Handling of Hazardous Chemicals

Module 12: Introduction to software – CHEMCAD

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