



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

भारत सरकार पंजीकृत.

Post Graduate Diploma In Mechanical Engineering

Description

The program offers comprehensive studies in areas of physics, chemistry, electrical and civil engineering. It covers subjects linear algebra, differential geometry differential equations etc. The programs enables them to extend their knowledge and skills in mechanical engineers and prepares them as efficient professionals. Training enables them to equip with self learning process and become competent experts to face challenges and find solutions for problem issues. Students imbibe theoretical knowledge and practical experiences to translate in the industries. Learning processes involves in designing, developing, building and testing mechanical and thermal devices. The program prepares them in handling latest technical tools, engines and machines and to handle their operational functions. Focus is laid on providing computer aided designing and they are exposed to develop test prototypes. Mechanical engineers work involves in supervising the manufacturing process and achieve the set targets in production. They need to develop problem solving skills to improve efficiency in the field. The course exposes them to multidisciplinary skills, high level designs and offers scope for research work.

Course Content

- 1 Engineering Mechanics
- 2 Engineering Drawings
- 3 Theory of Mechanics
- 4 Applied Thermodynamics
- 5 Strength of Materials
- 7 Machine Elements
- 8 Machine Elements
- 9 Instrumentation
- 10 Fluid Mechanic
- 11 Refrigeration & Air Conditioning
- 12 Manufacturing
- 13 Environmental Engineering

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