



# 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. P.G. Diploma In Computer Science Engineering

### Description

A P.G. Diploma In Computer Science (PGD) is a two-year postgraduate course, eligibility for which is an undergraduate degree in the stream of science. Computer Applications is the study of software engineering and information systems with the practical skills to apply this knowledge for a career in computing and information technology.

### Course Content

- Introduction to computer programming
- Economics
- Linear Algebra and Ordinary Differential Equations
- Modern Physics
- Data Analysis and Interpretation
- Abstractions and Paradigms in Programming
- Numerical Analysis
- Introduction to Electrical and Electronic Circuits
- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Logic Design
- Computer Architecture
- Artificial Intelligence
- Computer Networks
- Implementation of Programming Languages

# CEITRC