केन्द्रिय 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 & Litracy

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REGD.NO.: S14K81-1040424644087

Advance Diploma in Computer Science

Advance Diploma in Computer Engineering is a Diploma level course. The program uses an "electronics first" approach to computers by providing a strong foundation in electronics, data communications and digital signaling. You'll gain extensive training in programming, including structured programming techniques using C and C++, Assembler, Visual Basic and Java. In addition, you'll study operating systems such as Microsoft Windows and Unix/Linux. PC hardware assembly and troubleshooting, as well as computer network design, installation and support, including Cisco router implementation, are also addressed. The course provides the skills and knowledge for an individual to be competent in a range of Computer Systems fields at diploma level. The qualification has a strong core Computer Systems base sharing the same core competencies as several other IT qualifications of the same level.

Advance Diploma in Computer Engineering Syllabus

Syllabus of Computer Engineering as prescribed by various Universities and Colleges.

Sr. No.	Subjects of Study
1	Basics of Electrical and Electronics Engineering
2	Operating System
3	C Programming
4	Electrical and Electronics Laboratory
5	Linux Practical
6	C Programming Practice

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7	Computer Application Practical
8	Computer Architecture
9	Computer Networks & Security
10	Object-Oriented Programming with Java
11	Data Structures Using C
12	Java Programming Laboratory
13	Data Structure Using C Practical
14	Communication & Life Skill Practical
15	Web Programming
16	Relational Data Base Management Systems
17	.Net Programming
18	Elective-I Theory
19	Web Programming Practical
20	Relational Data Base Management System Practical