

Name of the Course: *PG Diploma in Information Security & System Administration*

Objective of the Course: The Course is a six months program aimed at moulding candidate to Skilled System Administrator level for maintaining the Systems & Networks in today's scenario. This skill-oriented course provides candidates with information required for maintenance and administration of Computer Network and also equips them with the skills required to protect & recover the computer systems & networks from various security threats.

Course Structure:

Modules	Topic
PGDIS-I	System and Network administration
PGDIS-II	Advance Networking Concepts
PGDIS-III	Information System Security
	Project

Course Fees: Rs. 35000/-

(Fee is payable in two installments)

First installment: Rs.20000/- may be paid at the time of registration.

Second installment: Rs. 15000/- may be paid after 1 month.

The fees can paid either by way of Demand Draft or local Cheque in favour of **“Director, DOEACC Society, Chandigarh Centre”** payable at **“Chandigarh”**

Eligibility: Graduates with IT, Computer Science or Electronics as optional subjects, Graduate in Engineering, M.C.A, DOEACC O Level, A Level, B Level, PGDCA.

Number of Seats: 30

How To Apply:

1. Students can purchase the prospectus on payment of fee of Rs.250/- in cash or through demand draft and submit application in prescribed form along with and advance fee of Rs.2500/- may be deposited either by bank Demand Draft or Local Cheque in favour of **“Director, DOEACC Society, Chandigarh Centre”** payable at **“Chandiagrh”**.

2. The form completed in all respects along with supporting documents, advance fee may be sent at the following address (with the corresponding heading at the top of envelope):

Application form for Admission
DOEACC SOCIETY, CHANDIGARH CENTRE,
SCO 114-116, Sector -17B
Chandigarh- 160017.

Admission Criteria:

Selection of candidates will be based on the merit subject to eligibility and availability of seats. The selected candidates will be informed telephonically or through Email. Original certificates will be verified, at the time of admission by Front Office counsellor.

Discontinuing the course:

No fees under any circumstances shall be refunded in the event of a student discontinuing the course. A student can however, be eligible for module certificates (applicable only for courses which have modular structure) subject to the condition that he has successfully completed the specific modules and has paid the entire course fees.

Duration:

6 months (6 hours daily)

Detailed Syllabus

- **System and Network administration**
Computer Fundamentals and computer Networks, Operating System Concepts, Windows Basics and Administration, Linux Basics and Administration.
- **Advance Networking Concepts**
Introduction to Networking devices, connections, Configuration and advanced concepts
- **Information Security Concepts**
Security Basics, TCP/IP, Security Management Practices, Physical Security; Access Control, Security Models and Architecture, Cryptography, Disaster Recovery and Business Continuity, Law, Investigation, and Ethics and Operations Security.
- **Security Implementation**
Configuring & Securing Network Applications like Web, Mail, DNS, SAMBA, SSH, Implementing PKI, Auditing the Network, Vulnerability Analysis, Policies for Enterprise users and Administrators
- **System Risk Monitoring and Assessment**
Hardening OS &, Protocols, Hardening Networks [Firewall, IDS, IPS, VPN, Content filters, Proxy, switches etc], Traffic shaping, System Monitoring & Performance tuning, Network Monitoring, Network Security Assessment, Security Tools, Cyber Forensics, Security Standards & Certifications
- **IS Management task**
Backup/Restore, Migration strategies, Patch Management
- **Project**
During the project students are required to perform an analysis study of any existing network or on any areas covered in the course, under the guidance of the faculty.

Course enquiries: Students can enquire about the various courses either telephonically or meet the course coordinators (at Chandigarh Centre) personally during normal working hours (9.00 am to 5.30pm).

Course Coordinator**Amit Jain**

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