PG Diploma in Information System Security

Objective of the Course:

The Course is a six months program aimed at moulding candidates to Skilled System Administrator to maintain the Systems & Networks in a secured manner.

Learning Outcomes:

This skill-oriented course provides candidates with information required for maintenance and administration of Computer Network and equip them with the skills required to protect & recover the computer systems & networks from various security threats.

Duration of the Course (in hours)   720 hrs /24 Weeks

Appr. Fees (INR):   Rs. 68,000/- (Service Tax Extra)

Minimum eligibility criteria and prerequisites if any	a. B.E/B.Tech, B.Sc/ M.Sc (IT/ Computer Science/ Electronics), MCA, BCA, B.Com (CA), MBA (Systems) or equivalent of any of these. b. Degree holders with PGDCA, DOEACC A or B level, Diploma in Computer Science, Electronics, or others with relevant experience).

Outline of the Course

S. No	Topic	Minimum No. of Hours
	Advanced Diploma in System Administration with Shell Scripting (Includes MCSE & RHCE Syllabus)	
1.	Computer Fundamentals	30 hrs
2.	OS Fundamentals	30 hrs
3.	Networking Fundamentals	30 hrs
4.	Windows Fundamentals	30 hrs
5.	Windows Server Configuration	90 hrs
6.	Linux Fundamentals	30 hrs
7.	Linux Administration	90 hrs
8.	Shell Scripting	30 hrs
9.	Mini Project	
	Advanced Diploma in Information Security Administration & Audit (Includes CISA, CISSP & ISO 27001 Syllabus)	
10.	Advanced System Administration	90 hrs
11.	Advanced Security configuration	90 hrs
12.	Security Audit Process & Procedure	120 hrs
13.	ISO Audit	60 hrs
14.	Mini Project	
	Theory/ Lecture Hours:	216 hrs
	Practical/ Tutorial Lecture Hours:	504 hrs
	Total Hours:	720 hrs

Books recommended for reference and reading:	1. Introducing Windows Server /2003/2008/2012, Microsoft Press
	2. RHCSA/RHCE Red Hat Linux Certification Study Guide (Exams EX200 & EX300), 6th Edition, by Michael Jang
	3. CISSP All-in-One Exam Guide, 6th Edition, by **Shon Harris**
	4. CISA Certified Information Systems Auditor All-in-One Exam Guide, by **Peter H. Gregory**
	5. HOWTO's from *the Linux Documentation Project*
	6. Manual of standard open source tools and ISO 27001 series

Group Code:	ISCF	**Group Name:**	Information Security / Cyber Law
Course Code:	PG01	**Course Name:**	PG Diploma in Information System Security