

Objectives and Course Content of Short Term Courses

Operational Plan No.	CSE-24
Name of the Course	CISCO CCNA Exploration
Objectives of Course	<ul style="list-style-type: none">• To give an overview of Computer Networking• To understand IP Addressing(v4 and v6)• To explore Subnetting and VLSM in computer network• To configure WAP• To demonstrate outer and Switch configuration• To implement Static and default routing• To apply RIP, EIGRP and OSPF routing protocols• To implement VLAN and VTP• To configure ACL• To prepare UTP Cables• To demonstrate Fiber splicing kit
Course Content	<ul style="list-style-type: none">• Overview of Networking• IP Addressing, IPv4 and IPv6• Classless Sub netting and Routing Protocol Basics• Router/Switch demonstration• RIP, EIGRP and OSPF Implementation• VLAN and VTP configuration• Implementation of ACL (Access Control List)• Making of UTP Cables• Fiber Splicing kit demonstration
Name of Course Coordinator with E-mail ID & Contact Number	<p>Amit Deogar (Assistant Professor) Contact No. 0172-2759679 email: amit@nitttrchd.ac.in</p> <p>Pardeep Kumar Bansal (System Programmer) Contact No. 0172-2759730 email: par04_bansal@yahoo.com</p> <p>Sidhartha Nanchahal Contact No. 0172-2759699 email: sidhu@nitttrchd.ac.in</p>