RGPV(diploma) Bhopal	OBE CURRICULUM FOR THE COURSE NETWORK MANAGEMENT & ADMINISTRATION	
Course outcome -1	Network management overview	
Learning Outcome - 1	Explain the basic of Network management and Windows NT Networking	06
Contents	• definition, need and advantages of Network management • Windows NT Networking Architecture, Windows NT Operating System Design and Basics • Open Systems and Industry Standards, Client/Server Computing • Interoperating with Other Networks, Remote Access Service-Point to point protocol	
Learning Outcome -2	Network Security and Domain Planning	05
Contents	• Security Model Architecture • Controlling Access- User Accounts, User Rights	
Course outcome -2	Windows NT Browser Service	
Learning Outcome - 1	Browser System Roles	06
Contents	• Specifying Browser Computers , Non-browsers, Potential Browsers • Backup browsers, Master browsers, Domain master browsers	
Learning Outcome -2	Browser Announcements	06
Contents	• Non-browser Announcements, Potential - browser Announcements • Backup-browser Announcements. Browser Requests	
Course outcome -3	Network Services	
Learning Outcome - 1	Enterprise Level	06
Contents	• Installing and Configuring TCP/IP • Configuring TCP/IP Clients	
Learning Outcome -2	Configuration of DHCP	04
Contents	• Dynamic IP Addressing Configuring DHCP • Accessing the DHCP Manager, Managing DHCP Scopes	
Learning Outcome -3	Installation of DNS Service	04
Contents	• Reserving IP addresses, Installing and Configuring WINS • Installing DNS Service	

Course outcome -4	SNMP(Simple Network Management Protocol) and Remoteboot Service	
Learning Outcome - 1	SNMP for Network Management	08
Contents	• Overview of SNMP, SNMP Registry • Management Information Base, Object Identifiers • SNMP Installation , Starting and Stopping the SNMP Service, Troubleshooting SNMP	
Learning Outcome-2	Remoteboot	06
Contents	• Understanding the Remoteboot Service, The Remoteboot Process • Setting Up and Starting the Remoteboot Service ,Starting and Stopping the Remoteboot Service	
Learning Outcome -3	Managing Remoteboot Clients	06
Contents	• Starting Remoteboot Manager, Checking the Remoteboot Installation • Managing Remoteboot Clients, Enabling Remoteboot on a Client's Hard Disk, Adding a New Client, Deleting a Client	
Course outcome -5	Troubleshooting Tools and Strategies	
Learning Outcome - 1	Overview of TCP/IP Troubleshooting Tools	06
Contents	• TCP/IP Troubleshooting Tools, Identify the TCP/IP Configuration by Using IPConfig • Test Connection to the TCP/IP Network by Using Ping	
Learning Outcome-2	Understanding IP Routing for Windows NT	06
Contents	• Understanding Address and Name Resolution Test IP-address-toMAC-address Resolution by Using ARP • Understanding IP Routing for Windows NT - The Route Table, Display Current TCP/IP Connections and Statistics by Using Netstat	
Learning Outcome -3	Troubleshooting Connection Problems	06
Contents	• Performance Monitor • Troubleshooting Other Connection Problems - Error 53, Cannot Connect to a Specific Server ,Troubleshooting Telnet	