



Report

CN LAB EXAM-II

Objective:

Setup and Configure a Network topology using RIP and OSPF routing protocols in Cisco packet tracer. Customize the Network by assigning each computer name and an IP Address.

Procedure:

1. Network topology Design:

- Create a topology that includes
 - 10-12 Computers distributed across two LANs.
 - Use two or More Switches.
 - at least two routers Connected via WAN Link.
- Each Computer must be assigned a name.

2. IP Address Configuration:

- Assign IP addresses to Computers in each LAN.
- Use a different Subnet for each LAN.

3. Routing Protocols Configuration:

- Configure one router with ~~RIP~~ RIP V2 and other router with OSPF (Single).
- Ensure Communication between LANs using these protocols.



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

TIRUCHIRAPPALLI CAMPUS

4. Check Connectivity:

- Ensure if ~~two~~ LANs are communicating / transmitting data between two LANs by sending packets and make sure it's received on the other LAN's computer.

RESULT:



