

## PRACTICAL NO. 6.

Aim:- Configuring Simple OSPF.

Step 1:- Configure PC-0.

click on PC0 → go to desktop → click on IP Configuration and fill all the data IP Address - 150.50.0.2, Subnet mask - 255.255.0.0, default Gateway - 150.50.0.1. After entering details close the window.

Step 2:- Configure PC-1.

click on PC1 → go to desktop → click on IP Configuration and fill the data IP Address - 140.40.0.2, Subnet mask - 255.255.0.0, default Gateway - 140.40.0.1. After entering details close the window.

Step 3:- Configure Router 1.

a) click on Router-1 → go to config tab → click on fast Ethernet 0/0 and fill the values IP Address - 150.50.0.1, Subnet mask - 255.255.0.0.

(Do not forget to select the check box port status).

b) click on Router-1 → go to Config tab → click on fast Ethernet 0/1 and fill the values IP address - 10.0.0.1, Subnet mask - 255.255.0.0.

(Do not forget to select the check box port status).

Step 4:- Configure Router-2

a) click on Router 2 → go to Config tab → click on fast Ethernet 0/0 and fill the values IP Address - 10.0.0.2, Subnet mask - 255.0.0.0.

(Do not forget to select the check box port status).

b) click on Router 2 → go to Config tab → click on fast Ethernet 0/1 and fill the values Ip Address - 20.0.0.2, Subnet mask - 255.0.0.0 (Do not forget to select the check box port status).

Step 5:- Configure Router 3

a) click on Router 3 → go to Config tab → click on fast Ethernet 0/0 and fill the values. Ip Address - 140.140.0.1, Subnet mask - 255.255.0.0. (Do not forget to select the check box port status).

b) click on Router 3 → go to config tab → click on fast Ethernet 0/1 and fill the values Ip Address - 20.0.0.1, Subnet mask - 255.0.0.0. (Do not forget to select the check box port status).

Step 6:- Click on Router → Go to CLI tab → type Command.