

## Internetwork using

DHCP server,

AIM:-

Design & configure an internetwork using DHCP server.

Student observation:-

- 1) Write down the key features of configuring router & DHCP server.

Router configuration on:

→ Enabling DHCP server to automatically assign IP address to devices.

→ providing connection to the devices.

- 2) DHCP server configuration:

→ Automatic IP address assignment for device joining the network.

→ setting up pool ranges of DHCP server in internet address.

- 2) What is the significance of DHCP server in internet working.

• A dynamic host configuration protocol server simplifies IP address.

- Automated IP address allocation.
- No duplicate IP address
- Supports large scale network
- provides a centralized.

3) Design & configure a network using switch router, cables also show IP address config of each device.

*Signature*

~~Result :-~~

Thus, the given experiment is executed & the output is verified.