

**Institute of Computer Technology**  
**B. Tech. Computer Science and Engineering**  
**Sub: BOSS (2CSE204)**

**Practical -10**

**Objectives:** To learn about managing network in linux.

**Commands:**

nmcli  
hostnamectl

**Exercise:**

1. Create new user Student. Set password “student123”.
2. Use the **ssh** command to log in to localhost as the Student user.
3. Switch to the root user.
4. Create a new connection with a static network connection using the settings in the table.

PARAMETER	SETTING
Connection name	lab
Interface name	ens3 (might vary, use the interface that has 52:54:00:00:fa:0b as its MAC address)
IP address	172.25.250.11/24
Gateway address	172.25.250.254
DNS address	172.25.250.254

5. Configure the new connection to be autostarted. Other connections should not start automatically.
6. Modify the new connection so that it also uses the address 10.0.1.1/24.
7. Configure the **hosts** file so that 10.0.1.1 can be referenced as **private**.