

# **LAB MANUAL**

## **For**

### **Data Communication & Computer Network**

**Faculty Of Computing and Software Engineering**

**Target Group computer Science & Information Technology Students**

**BY Gashaw Alemu**

S.No	Experiment
1.	Study of Network Devices in Detail.
2.	Study of network IP.
3.	Connect the computers in Local Area Network.
4.	Study of basic network command and Network configuration commands.
5.	Performing an Initial Switch Configuration
6.	Performing an Initial Router Configuration
7.	Configuring and Troubleshooting a Switched Network
8.	Connecting a Switch
9.	Configuring WEP on a Wireless Router
10.	Using the Cisco IOS Show Commands
11.	Examining WAN Connections
12.	Interpreting Ping and Traceroute Output
13.	Demonstrating Distribution Layer Functions
14.	Placing ACLs
15.	Exploring Different LAN Switch Options
16.	Implementing an IP Addressing Scheme
17.	Examining Network Address Translation (NAT)

# Computer Networking Lab Manual

**Anthony S. Fauci**



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