

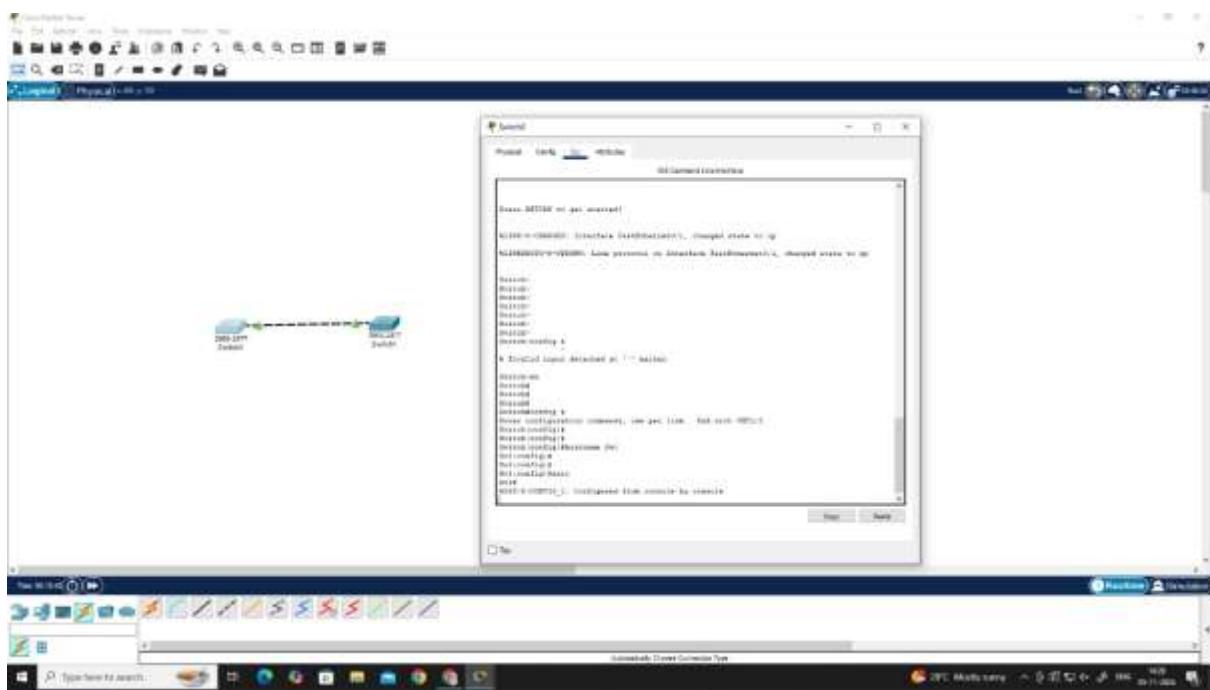
## EXPERIMENT – 8

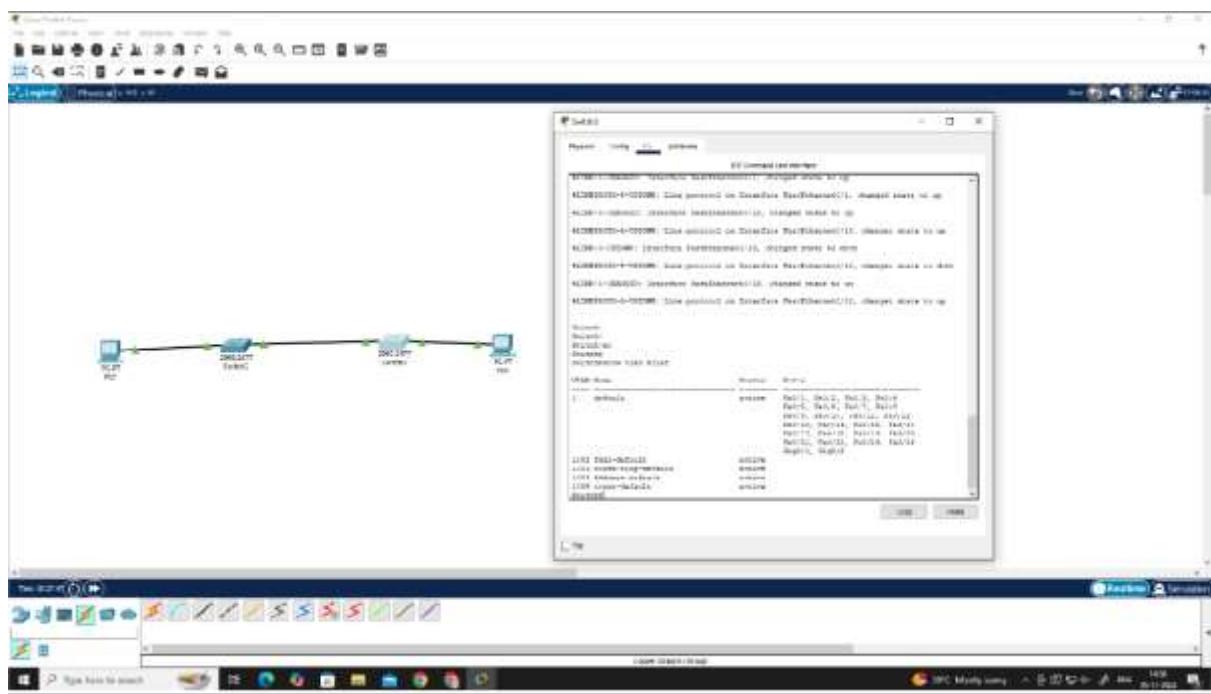
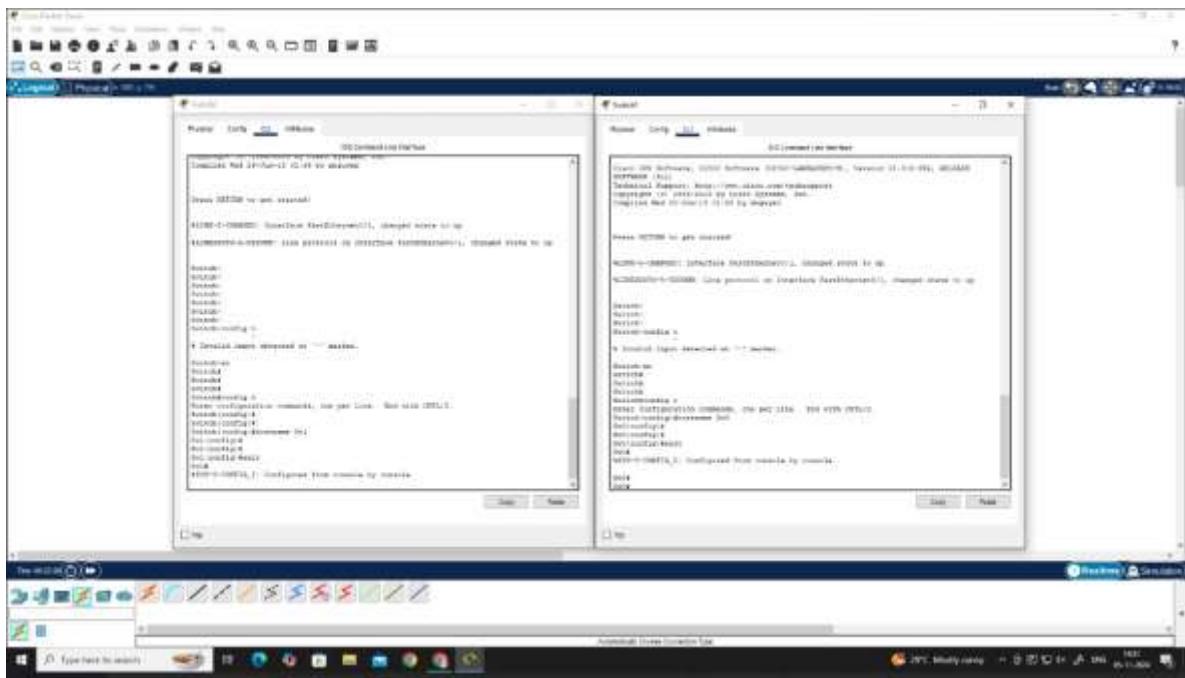
**AIM:** - a) Simulate Virtual LAN configuration using CISCO Packet Tracer Simulation.

### **Steps:**

- Step 1: Build the network as shown in the topology.
- Step 2: Configure basic settings for each switch.
- Step 3: Configure PC hosts. Step 4: Test connectivity.

### OUTPUT: -





## **RESULT: -**

Simulation of virtual LAN configuration have been done successfully.

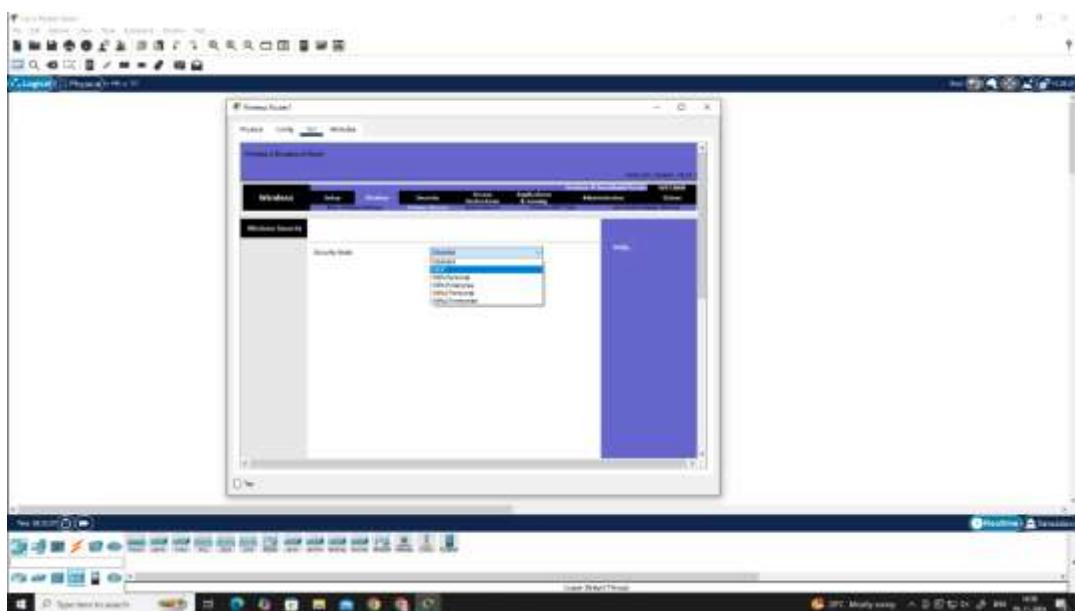
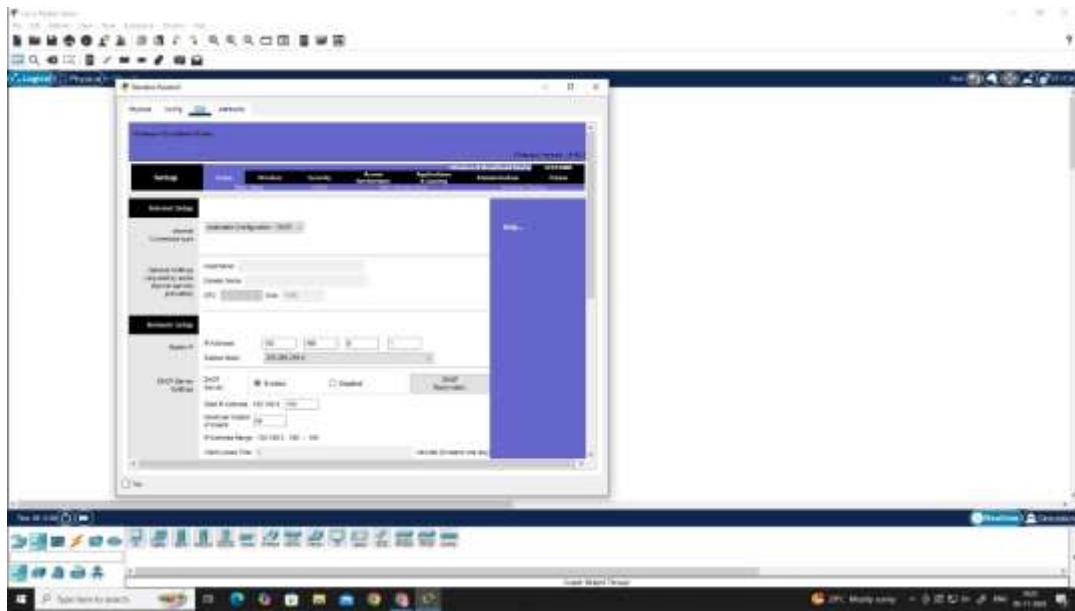
**AIM:** - b) Configuration of Wireless LAN using CISCO Packet Tracer.

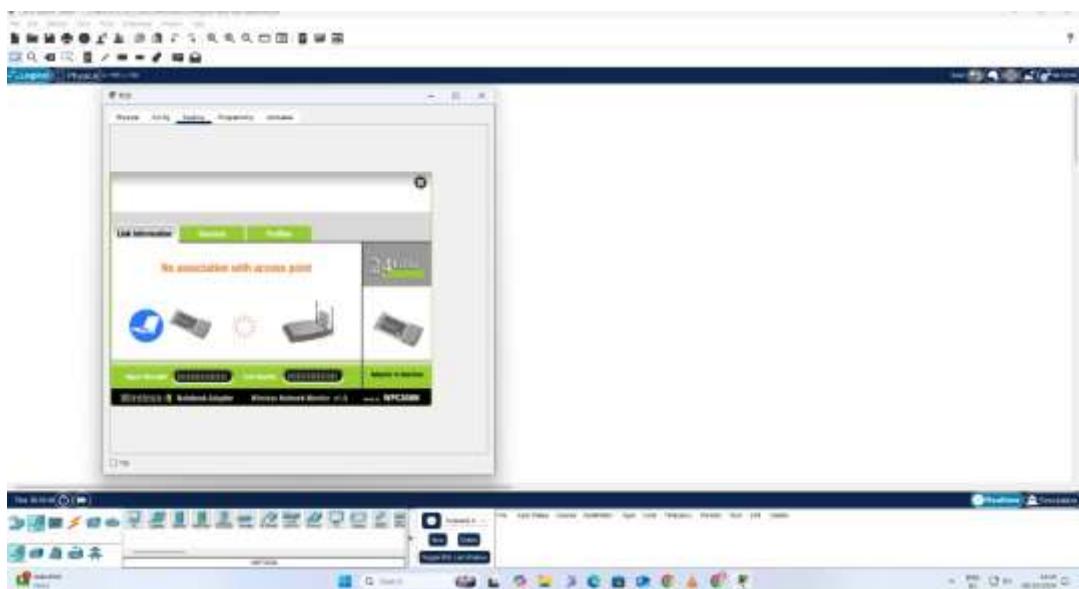
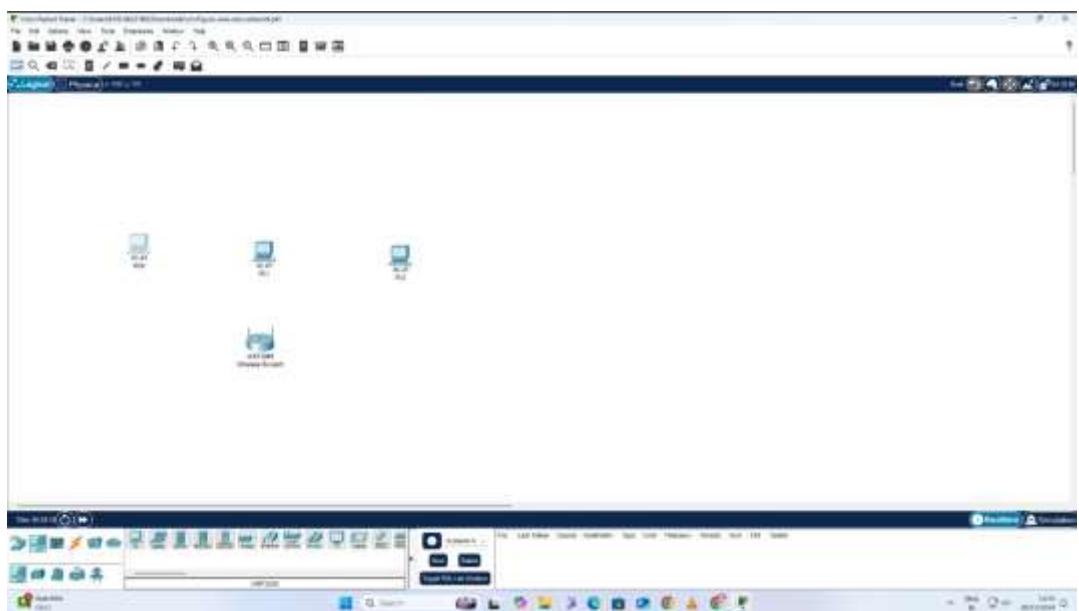
### **Steps:**

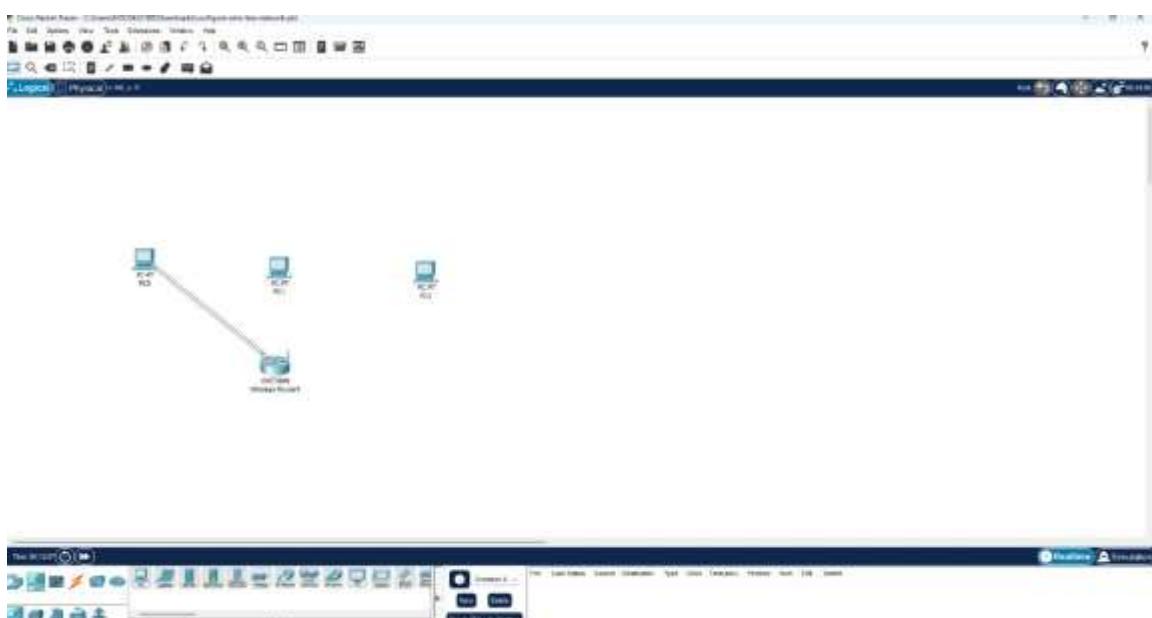
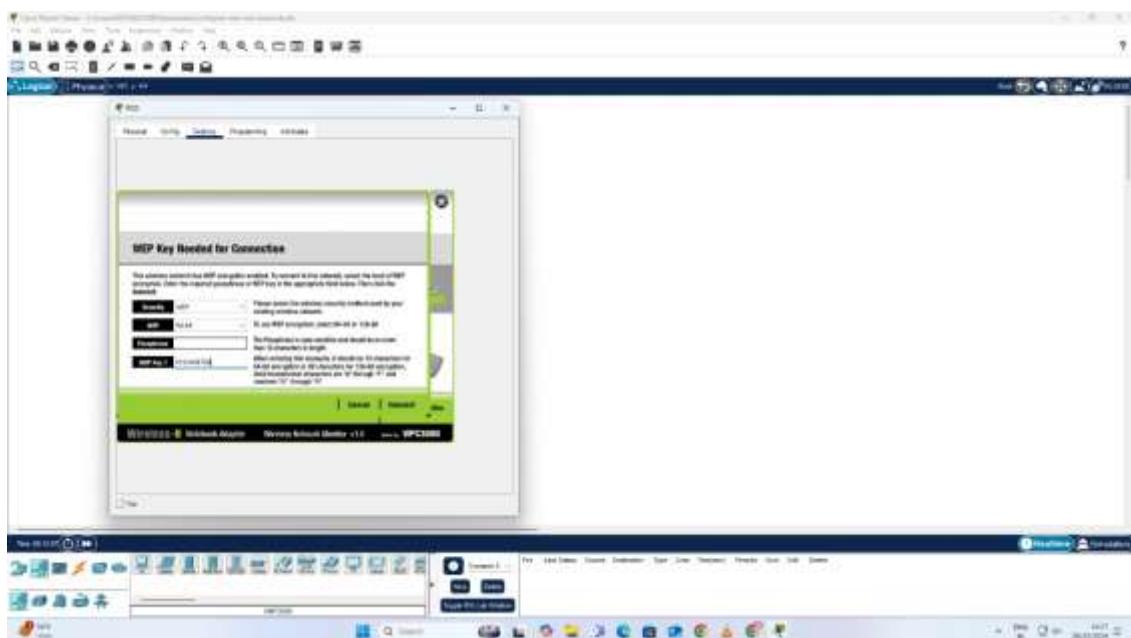
- Configure Static IP on PC and Wireless Router

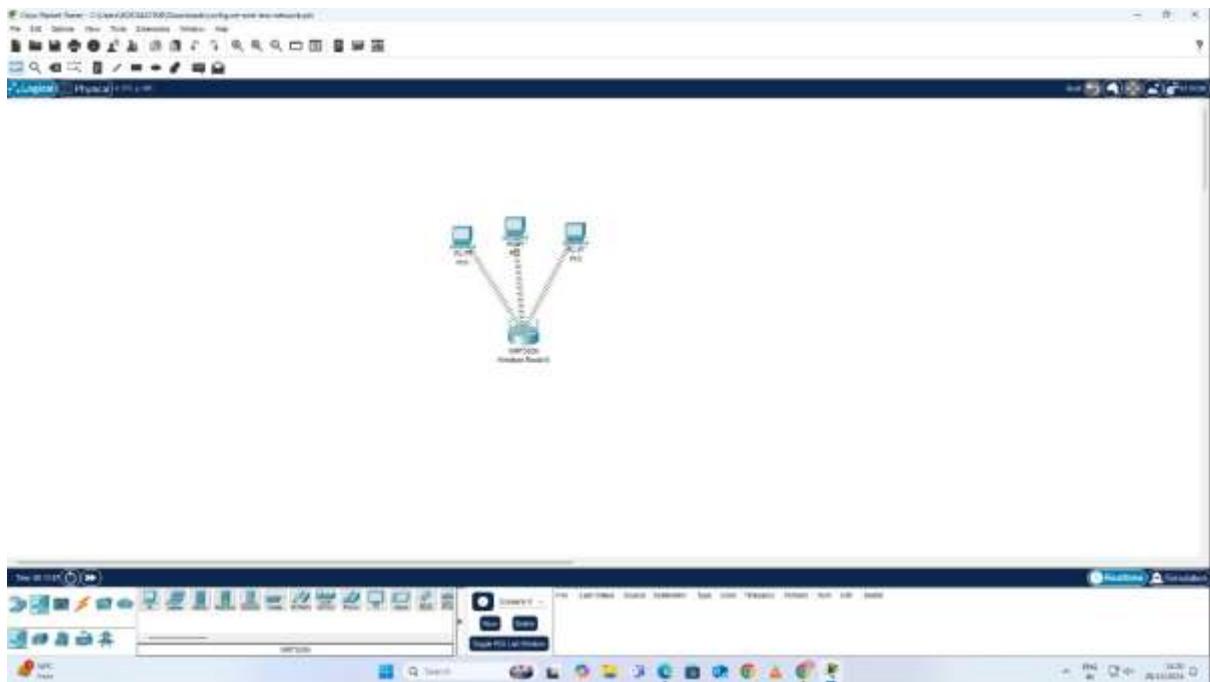
- Set SSID to MotherNetwork
- Set IP address of router to 192.168.0.1, PC0 to 192.168.0.2, PC1 to 192.168.0.3 and PC2 to 192.168.0.4.
- Secure your network by configuring WAP key on Router
- Connect PC by using WAP key

## OUTPUT:-









### **RESULT: -**

Configuration of Wireless LAN using CISCO Packet Tracer have been done successfully and verified.