



## GHARDA FOUNDATION

### GHARDA INSTITUTE OF TECHNOLOGY, LAVEL

Department of Computer Engineering

---

#### Evaluation Sheet

Class: TE-Computer Engineering

Sem: V

Subject: **Computer Networks**

Experiment No: 4

Title of Experiment: Study of Static routing

Name of Student: Harvande Sanket Chandrashekhar Roll No: 19

Sr. No.	Evaluation Criteria	Max Marks	Marks Obtained
1	Practical Performance	8	
2	Oral	5	
3	Timely Submission	2	
	Total	15	

Signature of Subject Teacher  
(Mr. S. S. Tathare)

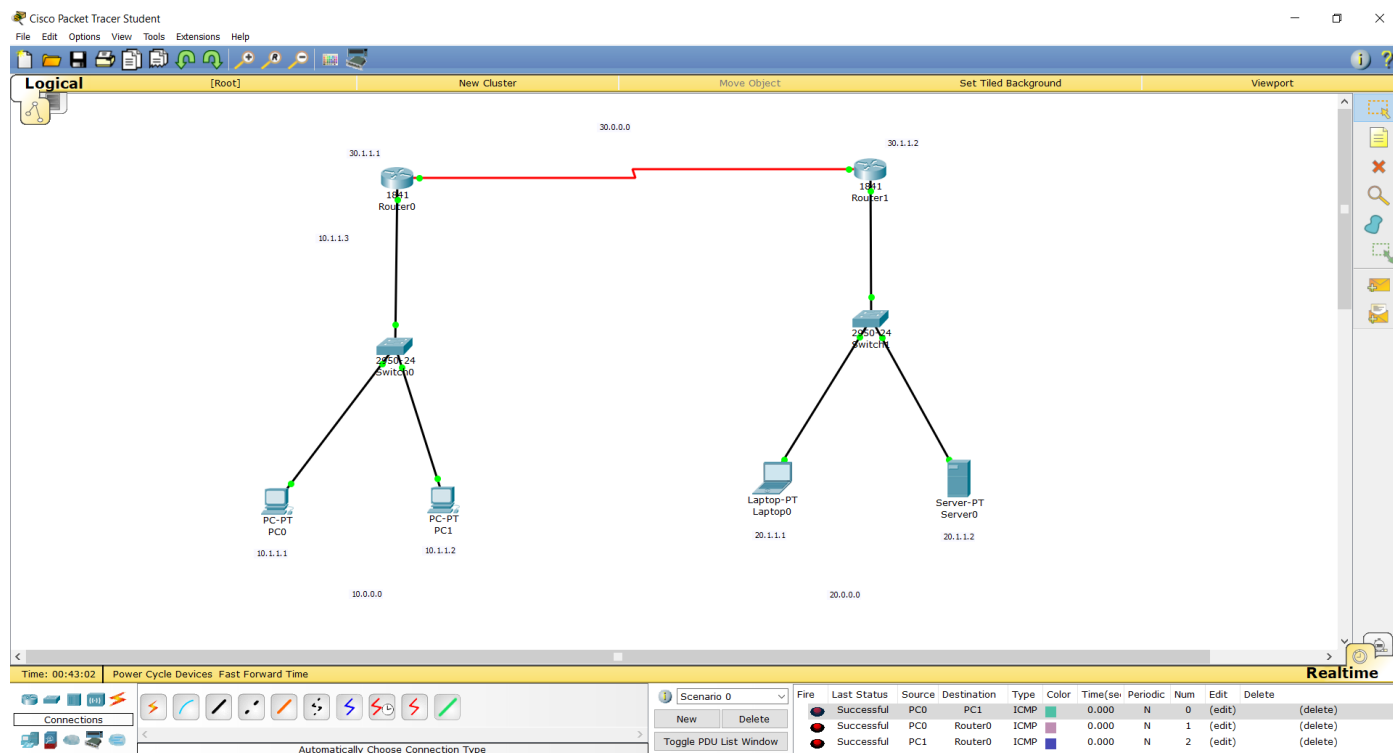
**Aim:** To study the implementation of static routing in a network.

**Apparatus:** Packet Tracer software

**Procedure:**

1. Configure a network using at-least two switches, two routers and 4 PC.
2. Configure IP addresses of all PCs and the router interfaces using proper rules of classful addressing.
3. Ensure that all the connections turn green which indicate the connections as UP.
4. Check for the connectivity using ICMP ping command, the connectivity fails.
5. Configure static routing on both the routers.
6. Check for the connectivity using ICMP ping command, the connectivity succeeds.

**Screenshots:**



**Conclusion:** Thus the study of the implementation of static routing in a network is done using Packet tracer software.