TSEC ENGINEERING COLLEGE

EXPERIMENT NO. 5

Aim: - To build a simple network topology and configure it for static routing protocol using packet tracer. Setup a network and configure IP addressing, subnetting, masking.

Theory : -

Gisco Packet Tracer is a cross-platform visual simulation tool designed by Cisco Systems that allows user to create network topologies and imitate modern computer networks. The software allows users to simulate the configuration of Cisco rovters and switches using a simulated command line interface. CPT uses a drag and drop user interface, allowing users to add and remove simulated network devices as they see fit. The software is used to allow the users to create simulated network topologies by dragging and dropping routers, switches and various other types of network devices.

Cisco Packet Tracer allows users to simulate and experiment with computer networks without the need for physical hardware.

It provides a virtual environment where users can create and configure networks, devices, and protocols.



The tool includes a wide range of Cisco networking devices such as routers, switches and access points. Cisco Pocket Tracer supports various networking protocols and services, including TCP/IP, DNS, FTP, HTTP and more.

Users can configure and test these protocols in a Users can design complex network topologies by connecting devices and creating virtual LANS (VLANS). It is a valuable tool to plan and visualize network designs. controlled environment

10.10.10.3 1941 Router2 10.10.10.1 PC-PT PC0 PC-PT PC1 10.10.10.2 10.10.10.2

