VIT Vidyalankar Institute of Technology Accredited A+ by NAAC	Department of Information Technology

Semester	S.E. Semester IV – Information Technology
Subject	Network Lab
Subject Professor In-charge	Prof Shashikant Mahajan
Assisting Teachers	Prof Shashikant Mahajan
Laboratory	L07D

Student Name	Mohammad Ahmed Ansari	
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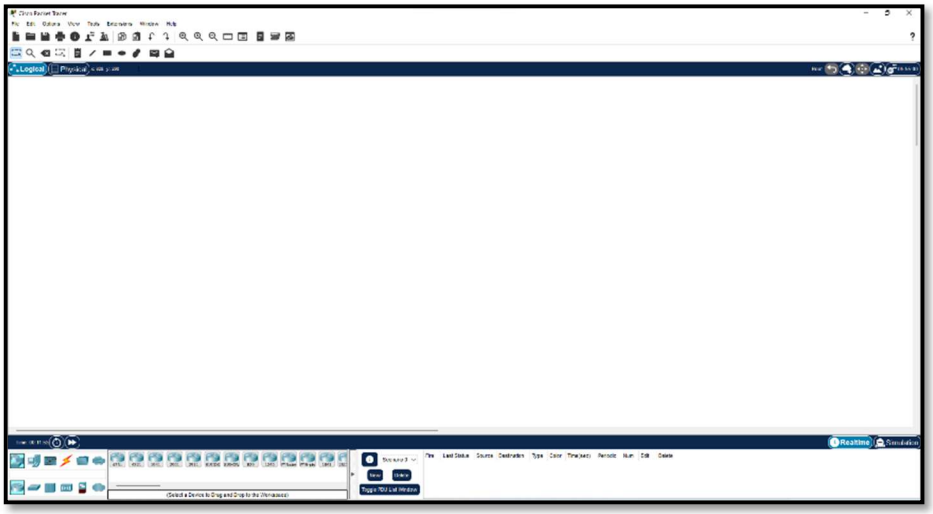
Grade and Subject Teacher's Signature		

Experiment Number	03	
Experiment Title	Indroduction to packet tracer	
Resources / Apparatus Required	Hardware: PC i3 processor and above	Software: Cisco Packet tracer
Objectives (Skill Set / Knowledge Tested / Imparted)	To get familiar with packet tracer	
Theory		

1. **Menu Bar :** This bar provides the **File**, **Edit**, **Options**, **View**, **Tools**, **Extensions**, and **Help** menus. You will find basic commands such

as **Open**, **Save**, **Save as Pkz, Print**, and **Preferences** in these menus. You will also be able to access the **Activity Wizard** from the **Extensions** menu.

2. **Main Tool Bar :** This bar provides shortcut icons to the **File** and **Edit** menu commands. This bar also provides buttons for **Copy**, **Paste**, **Undo**, **Redo**, **Zoom**, the **Drawing Palette**, and the **Custom Devices Dialog**. On the right, you will also find the **Network Information** button, which you can use to enter a description for the current network (or any text you wish to include).

3. **Common Tools Bar :** This bar provides access to these commonly used workspace tools: **Select**, **Move Layout**, **Place Note**, **Delete**, **Inspect**, **Resize Shape**, **Add Simple PDU**, and **Add Complex PDU**.

4. **Logical/Physical Workspace and Navigation Bar :** You can toggle between the Physical Workspace and the Logical Workspace with the tabs on this bar. In Logical Workspace, this bar also allows you to go back to a previous level in a cluster, create a **New Cluster**, **Move Object**, **Set Tiled Background**, and **Viewport**. In Physical Workspace, this bar allows you to navigate through physical locations, create a **New City**, create a **New Building**, create a **New Closet**, **Move Object**, apply a **Grid** to the background, **Set Background**, and go to the **Working Closet**.

5. **Workspace :** This area is where you will create your network, watch simulations, and view many kinds of information and statistics.

6. **Realtime/Simulation Bar :** You can toggle between Realtime Mode and Simulation Mode with the tabs on this bar. This bar also provides buttons to **Power Cycle Devices** and **Fast Forward Time** as well as the **Play Control** buttons and the **Event List** toggle button in Simulation Mode. Also, it contains a clock that displays the relative **Time** in Realtime Mode and Simulation Mode.

7. **Network Component Box :** This box is where you choose devices and connections to put into the workspace. It contains the **Device-Type Selection** Box and the **Device-Specific Selection** Box.

8. **Device-Type Selection Box :** This box contains the type of devices and connections available in Packet Tracer. The **Device-Specific Selection** Box will change depending on which type of device you choose.

	9. **Device-Specific Selection Box :** This box is where you choose specifically which devices you want to put in your network and which connections to make. 10. **User Created Packet Window :** This window manages the packets you put in the network during simulation scenarios.
Conclusion	Overall, Cisco Packet Tracer is an excellent tool for students, network administrators, and anyone else interested in learning about networking. Its simulation capabilities provide a safe and convenient way to experiment with network topologies and configurations, and its wide range of features make it a valuable tool for anyone working in the networking field.