



## Term Project – “Design an Enterprise Network using Packet Tracer

### **Problem Statement**

In this project, you will implement the design of an enterprise network (i.e. UIU). You using your Cisco Packet Tracer software to Design this network. After the Design, you must configure the system.

**You're Private Network: 10.xxx.yyy.0/24**

**You're Public Network Address: 103.109.xxx.0/28**

xxx = Your ID Last 2 Digit.

yyy = Subnet number (0-255)

For example, ID: 021103024    xxx = 24        yyy = your choice (i.e. 1,2,3,4 ...)

So,

### **Private Network:**

Network-1: 10.24.1.0/24, Network-2: 10.24.2.0/24, Network-3: 10.24.3.0/24 etc.

**Public Network: 103.109.24.0/28**

### **Marks**

- Network Diagram Design on PT: 3
- DHCP: 3
- Static NAT Configuration: 3
- Dynamic NAT Configuration: 3
- Report: 3

Note: Your Submitted file must be fully operational and Ping all the devices otherwise you will get a “Zero” on your Project

### **Project Submission**

- Packet Tracer File
- Report Word File/PDF

Create a zip file and submit it on LMS.

### **Submission deadline:**

**Section-B: 18<sup>th</sup> January 2025 @ 11:59pm**

**Section-C: 21<sup>st</sup> January 2025 @ 11:59pm**

\*\* Check your PT file it's working or not.

\*\* Copy all of the router command on a word file