**SCHOOL OF COMPUTER SCIENCE**

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**DEHRADUN, UTTARAKHAND**



**IT DATA SECURITY LAB**

**LABORATORY FILE**

**(2024-2025)**

**For**

**Vth Semester**

**Submitted To: Submitted By:**

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**LAB EXPERIMENT –**

**Nmap**

**Nmap (Network Mapper)** is a huge tool and has many uses. Nmap is used to gather information about any device. Using the Nmap, we can gather information about any client that is within our network or outside our network, and we can gather information about clients just by knowing their IP. Nmap can be used to bypass firewalls, as well as all kinds of













