

RAJALAKSHMI ENGINEERING COLLEGE

(An Autonomous Institution)

RAJALAKSHMI NAGAR , THANDALAM – 602 105



CS23532 – COMPUTER NETWORKS

LABORATORY RECORD NOTEBOOK

NAME:

YEAR/SEMESTER:.....

BRANCH/SECTION:.....

REGISTER NO.:.....

COLLEGE ROLL NO.:.....

ACADEMIC YEAR:.....



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BONAFIDE CERTIFICATE

NAME:..... BRANCH/SECTION:.....

ACADEMIC YEAR:..... SEMESTER:

REGISTER NUMBER:








Certified that this is a Bonafide record of work done by above student in the **CS23532 – COMPUTER NETWORKS** during the year 20 -20








Signature of Faculty In-charge

Submitted for the practical examination held on:.....

Internal Examiner

External Examiner

EX NO.	DATE	NAME OF THE EXPERIMENT	GITHUB QR CODE	STAFF SIGN
1		Basic Networking Commands in Linux and Windows operating systems		
2		Learning and Assignment of IP Address manually to computers		
3		Study of different types of Network Cables and Crimping of cable with RJ45 connector		
4		Implement packet sniffing using raw sockets in python		
5		Develop a customized ping command to test the server connectivity		
6		Building anonymous FTP Scanner using ftplib module		
7		Develop a simple calculator using XMLRPC		

8		Develop a program to create reverse shell using TCP sockets		
9		Design a simple topology and configure with one router, two switches and PCs using Cisco Packet Tracer		
10		Customize Switch with Network Modules using Cisco Packet Tracer		
11		Examine Network Address Translation (NAT) using Cisco Packet Tracer		
12		Nmap to discover live hosts using ARP scan, ICMP scan, and TCP/UDP ping scan in TryHackMe Platform		
13		Demonstrate network forensics using PcapXray tool		
14		To capture, save, and analyze network traffic on TCP/UDP/IP/HTTP/ARP/DHCP/ICMP/DNS using Wireshark Tool		
15		To Analyze the different types of servers using Webalizer tool	