

# Darshan Institute of Engineering & Technology

## Certificate

This is to certify that

Mr./Miss **Kagathara Nirav G.** Enrolment No. **22010101443**, B.Tech. CSE Semester **5<sup>th</sup>** has satisfactorily completed the course in the Subject **Computer Networks (2101CS501)** in this Institute.

Submission Date: \_\_/\_\_/\_\_\_\_

Staff in Charge

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Program Coordinator

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# Index

Sr.	Title	Date	Sign
1	Study of basic networking commands and IP configuration.	11/06/2024	
2	Study of different types of network cables & connectors and practically implement the cross-wired cable and straight through cable using clamping tool.	18/06/2024	
3	Study of different network devices in detail.	10/07/2024	
4	Installation of Network Simulator (Packet Tracer) and Implement different LAN topologies.	12/07/2024	
5	Study the concept of VLAN using packet tracer.	07/07/2024	
6	Study the application layer protocol DNS, DHCP, FTP.	06/08/2024	
7	Study Client-Server Socket programming - TCP & UDP	20/08/2024	
8	Study Packet capture and header analysis by Wireshark (TCP, UDP, IP).	20/08/2024	
9	Study of IP Addressing and sub-netting.	11/09/2024	
10	Study the concept of routing using packet tracer. (Static Routing)	16/09/2024	
11	Study the concept of routing using packet tracer. (Dynamic Routing)	16/09/2024	
12	To develop network using distance vector routing protocol and link state routing protocol.	20/09/2024	
13	Study & Survey of Institute organization network infrastructure.	20/08/2024	