




We Make You Shine
St. JOSEPH'S INSTITUTE OF TECHNOLOGY
 (An Autonomous Institution)
St. Joseph's Group of Institutions
 OMR, Chennai - 119

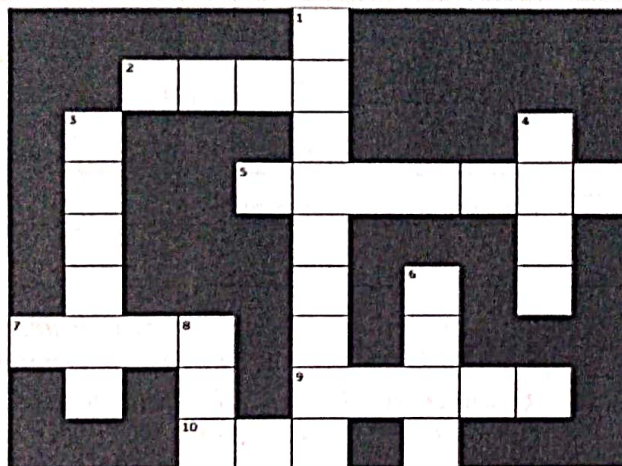
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR (2024-2025) ODD SEMESTER

INNOVATIVE TEACHING

Name of Pedagogy Used:	<u>CROSSWORD PUZZLES</u>
Branch/Year/Sem/Sec:	<u>CSE/III/V/C</u>
Subject Code/Subject Name:	<u>CS4553/COMPUTER NETWORKS AND SECURITY</u>
Topic:	<u>OSI LAYER, CONNECTIVITY DEVICES AND IPV4</u>
Date/Period/Timing	<u>20.09.2024/4/10.20 AM TO 11.00 AM</u>
Description	<p><i>OSI: A conceptual framework that describes how data is sent and communicated between systems over a network.</i></p> <p><i>Connectivity devices: also known as network devices or networking hardware, are physical devices that connect computers and other electrical devices to a network.</i></p>
Photos	
Students Feedback	<p>312422104134: Concepts were based on connectivity devices with topologies. The activity we did was new and made the students more interactive and attentive.</p> <p>312422104178: The class today we had was about OSI Layers and ipv4, It was quite interesting and innovative.</p>

Total No. of Students	64
No. of Students Present	54
No: of Students Absent	10
Action Plan for Absentees	Planned to provide the study material to the absentees for self-learning and clarify the doubts thereafter.

DOCUMENT PROOF:



Across

- 2 IN IP ADDRESS HOW MANY PARTITIONS AVAILABLE
- 5 COLLECTION OF FRAME IS CALLED AS
- 7 WHICH ONE IS THE BEST TOPOLOGY
- 9 IN HOW MANY LAYERS AVAILABLE IN OSI MODEL
- 10 HOW TO CONVERT DATA IN PHYSICAL LAYER

Down

- 1 WHAT IS THE MAIN FUNCTION OF HUB
- 3 WHICH ONE IS CONNECTING TWO DIFFERENT NETWORKS
- 4 FOR WEBSITE DESIGNING WHICH PROTOTYPES USED IN APPLICATION LAYER
- 6 HOW MANY TYPES OF CLASSES AVAILABLE IN IP ADDRESS
- 8 WHICH ONE IS FIRST CONNECTIVITY DEVICES

ANSWERS:

1.BROADCAST 2. FOUR 3. ROUTER 4. HTTP 5. PACKETS 6. FIVE 7. MESH 8.HUB 9. SEVEN 10.BIT

H. V. Narayan
Faculty In-charge

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HOD/CSE


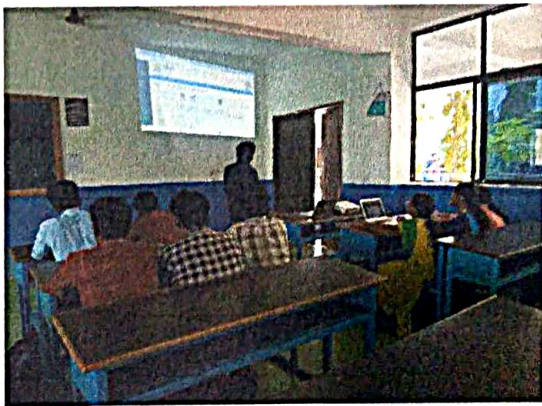
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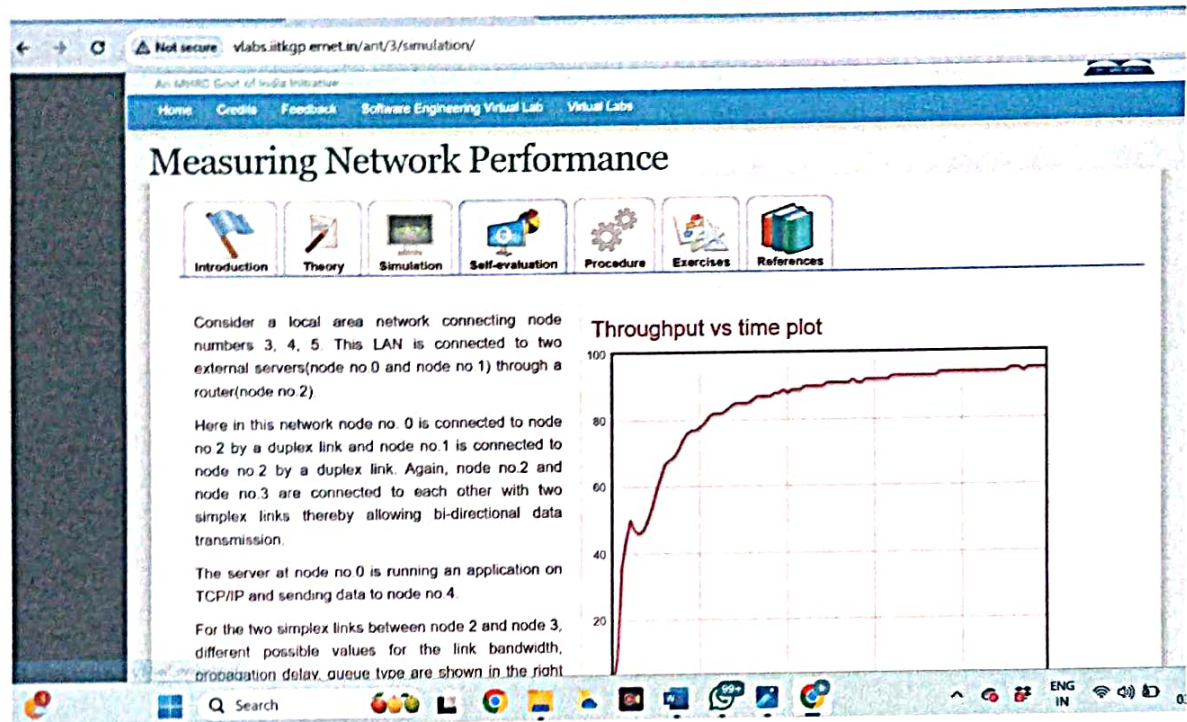
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR (2024-2025) ODD SEMESTER

INNOVATIVE TEACHING

Name of Pedagogy Used:	<u>VIRTUAL LAB SIMULATION TOOLS</u>
Branch/Year/Sem/Sec:	<u>CSE/III/V/C</u>
Subject Code/Subject Name:	<u>CS4553/COMPUTER NETWORKS AND SECURITY</u>
Topic:	<u>NETWORK PERFORMANCE SIMULATION</u>
Date/Period/Timing	<u>30.09.2024/02.20 PM TO 03.00 PM</u>
Description	<i>Network simulation tools have become indispensable for testing, optimizing, and troubleshooting networks without real-world implementations. In this post, we dive into the top network simulation tools that can elevate your networking game.</i>
Photos	 
Students Feedback	<p>312422104133: Concepts were based on Simulation tools with network performance. The activity we did was new and made the students more interactive and attentive.</p> <p>312422104179: The class today we had was about simulation of LAN performance, It was quite interesting and innovative.</p>

Total No. of Students	64
No. of Students Present	57
No. of Students Absent	7
Action Plan for Absentees	Planned to provide the study material to the absentees for self-learning and clarify the doubts thereafter.

DOCUMENT PROOF:



H. Chagant
Faculty In-charge

[Signature]
HOD/CSE

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