



# SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Ramapuram, Chennai-600089



**FACULTY OF ENGINEERING AND TECHNOLOGY**

**Department of Computer Science and Engineering**

**Academic Year (Odd 2022 – 2023)**

**Computer Networks**

**(18CSC302J)**

**SEMESTER - V**



Name

:

Reg. No

:

Class

:

Year / Sec

:

INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University u/s 3 of UGC Act, 1956)



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Ramapuram, Chennai-600089



## FACULTY OF ENGINEERING AND TECHNOLOGY

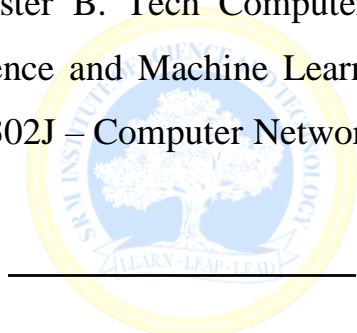
### Department of Computer Science and Engineering

REG NO

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### BONAFIDE CERTIFICATE

Certified that this is the bonafide record of work done by \_\_\_\_\_ of  
V semester B. Tech Computer Science and Engineering with specialization in Artificial  
Intelligence and Machine Learning during the academic year 2022- 2023 Odd Semester in  
18CSC302J – Computer Networks.



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*Staff In-charge*

*Head of the Department*

Submitted for the End Semester Practical Examination held on \_\_\_\_\_ at  
SRM Institute of Science and Technology, Ramapuram-Chennai-89.

*Examiner -1*

*Examiner -2*

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1.		Study of necessary header files with respect to socket programming.		
2.		Study of Basic Functions of Socket Programming		
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4.		UDP Echo Client Server Communication		
5.		Concurrent TCP/IP Day-Time Server		
6.		Half Duplex Chat Using TCP/IP		
7.		Full Duplex Chat Using TCP/IP		
8.		Implementation of File Transfer Protocol		
9.		Remote Command Execution Using UDP		
10.		ARP implementation Using UDP		
11.		Study of IPV6 Addressing & Sub-netting		
12.		Implementation of NAT		
13.		Implementation of VPN		
14.		Communication Using HDLC		
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