

**LECTURE PLAN**

**FACULTY NAME:** Dr Naveen Singh **Year -** 3rd **Semester :** 6th **Branch- CS** **SUBJECT:** Computer Network **CODE:**KCS603

LECT. No.	UNIT	MATTERS TO COVER	Date	AUTHOR	
L1	1	Introduction of Computer Network	2/26/2024	Behrouz Forouzan,	
L2		Goal and Application of Network	2/27/2024	Behrouz Forouzan,	
L3		Concept of Network, Organisation of Internet	2/28/2024	Behrouz Forouzan,	
L4		ISP, Network Architecture	2/29/2024	Behrouz Forouzan,	
L5		protocols and Standards	3/1/2024	Behrouz Forouzan,	
L6		system bus architecture	3/2/2024	Behrouz Forouzan,	
L7		OSI Reference Model,TCP IP model	3/4/2024	Behrouz Forouzan,	
L8		bus arbitration- Daisy chaining method	3/5/2024	Behrouz Forouzan,	
L9		Network devices and Components	3/6/2024	Behrouz Forouzan,	
L10		Physical layer Overview	3/7/2024	Behrouz Forouzan,	
L11		Network devices and Components	3/9/2024	Behrouz Forouzan,	
L12		Types of connections,	3/11/2024	Behrouz Forouzan,	
L13		Transmission media, Signal transmission and	3/12/2024	Behrouz Forouzan,	
L14		encoding	3/13/2024	Behrouz Forouzan,	
L15		Network performance and transmission impairments	3/14/2024	Behrouz Forouzan,	
L16		Switching techniques	3/15/2024	Behrouz Forouzan,	
L17		multiplexing.	3/16/2024	Behrouz Forouzan,	
L18			CLASS TEST ON UNIT 1 and Assignment	3/18/2024	
L19	2	Link layer Overview	3/19/2024	Behrouz Forouzan,	
L20		Framing	3/20/2024	Behrouz Forouzan,	
L21		Error Detection and Correction	3/21/2024	Behrouz Forouzan,	
L22		Flow controls Elementary Data Link Protocols,	3/30/2024	Behrouz Forouzan,	
L23		Sliding Window protocols	4/1/2024	Behrouz Forouzan,	
L24		Medium Access Control	4/2/2024	Behrouz Forouzan,	
L25		Local Area Networks	4/3/2024	Behrouz Forouzan,	
L26		Channel allocation	4/4/2024	Behrouz Forouzan,	
L27		Multiple access protocols	4/5/2024	Behrouz Forouzan,	
L28		LAN standards	4/6/2024	Behrouz Forouzan,	
L29		Link layer switches	4/6/2024	Behrouz Forouzan,	
L30		Link layer switches	4/8/2024	Behrouz Forouzan,	
L31		Revision of Unit 1 and 2	4/9/2024	Behrouz Forouzan,	
L32			CLASS TEST ON UNIT 2 and Assignment	4/10/2024	
L33		3	Introduction of Network Layer	4/11/2024	Behrouz Forouzan,
L34	Point-to-point networks		4/11/2024	Behrouz Forouzan,	
L35	Logical addressing		4/12/2024	Behrouz Forouzan,	
L36	Basic internetworking		4/12/2024	Andrew Tanenbaum	
L37	IP, CIDR		4/13/2024	Andrew Tanenbaum	
L38	micro operations Program Control		4/13/2024	Andrew Tanenbaum	
L39	ARP, RARP,		4/15/2024	Andrew Tanenbaum	
L40	DHCP, ICMP		4/16/2024	Andrew Tanenbaum	
L41	Routing, forwarding and delivery		4/17/2024	Andrew Tanenbaum	
L42	Static and dynamic routing		4/17/2024	Andrew Tanenbaum	
L43	Routing algorithms and Protocols		4/22/2024	Andrew Tanenbaum	
L44	Congestion Control Algorithm		4/22/2024	Andrew Tanenbaum	
L45	IPV6		4/23/2024	Andrew Tanenbaum	
L46	Revision of Unit 3		4/23/2024	Andrew Tanenbaum	
L47			CLASS TEST ON UNIT 3 and Assignment	4/24/2024	

L48		introduction of transport Layer	4/25/2024	Andrew Tanenbaum
L49		Process-to-process delivery	4/26/2024	Andrew Tanenbaum
L50		Transport layer protocols UDP	4/27/2024	Andrew Tanenbaum
L52		TCP	4/29/2024	Andrew Tanenbaum
L53	4	Multiplexing, Connection management	4/30/2024	Andrew Tanenbaum
L54		Flow control and retransmission	5/1/2024	Andrew Tanenbaum
L55		Window management	5/2/2024	Andrew Tanenbaum
L56		TCP Congestion control	5/3/2024	Andrew Tanenbaum
L57		Quality of service.	5/4/2024	Andrew Tanenbaum
L58		CLASS TEST ON UNIT 4 and Assignment	5/6/2024	
L59		Introduction : Application Layer	5/6/2024	Behrouz Forouzan,
L60		Domain Name System	5/7/2024	Behrouz Forouzan,
L61		World Wide Web and Hyper Text Transfer Protocol	5/8/2024	Behrouz Forouzan,
L62		Electronic mail	5/9/2024	Behrouz Forouzan,
L63		Modes of Data Transfer: Programmed I/O,	5/10/2024	Behrouz Forouzan,
L64		File Transfer Protocol	5/11/2024	Behrouz Forouzan,
L65	5	Remote login	5/13/2024	Behrouz Forouzan,
L66		Network management	5/14/2024	Behrouz Forouzan,
L67		Data compression,	5/15/2024	Behrouz Forouzan,
L68		Cryptography – basic concepts.	5/16/2024	Behrouz Forouzan,
L69		Revision Unit 1	5/17/2024	Behrouz Forouzan,
L70		Revision unit 2 and 3	5/18/2024	Behrouz Forouzan,
L71		Revision unit 4 and %	5/20/2024	Behrouz Forouzan,
L72		CLASS TEST ON UNIT 5 and Assignment	5/21/2024	