

DEPARTMENT OF COMPUTER APPLICATIONS

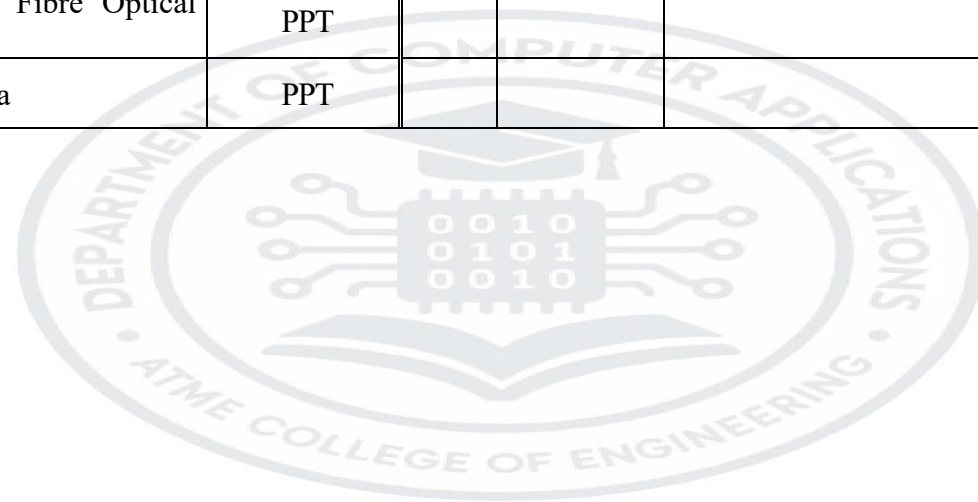
LESSON PLAN & WORK-DONE DIARY FOR AY:2025-26, ODD SEMESTER

Course with Code: Computer Networks - BBKA304				Faculty: Ms. Poojitha S		Semester & Section: III Sem		
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conducti on (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
MODULE-1								
1		Bridge Coures	Chalk & Talk					
2		Bridge Coures	Chalk & Talk					
3		Bridge Coures	Chalk & Talk					
4		Introduction for Computer Network	PPT					
5		Data Communications Fundamentals	PPT					
6		Characteristics of Data Communication	PPT					
7		Dataflow, Networks, Network Types.	PPT					
8		Network Topologies	PPT					
9		Networks Models Overview	PPT					
10		Protocol Layering	PPT					
11		TCP/IP Protocol suite	PPT					
12		The OSI model Layer 1 and Layer 5	PPT					

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13		The OSI model Layer 6 and Layer 7	PPT					
14		Difference, Advantage and Disadvantage of TCP and OSI	PPT					
15		Transmission Media Introduction	PPT					
16		Guided Media – Twisted Pair Cable	PPT					
17		Coaxial Cable, Fibre Optical Cable	PPT					
18		Unguided Media	PPT					

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MODULE-2

Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
19		Data Link Layer: Error Detection and Correction: Introduction	PPT					
20		Block Coding, Cyclic Codes Datalink control: DLC Services: Framing	PPT					
21		Flow Control, Error Control	PPT					
22		Connectionless and Connection Oriented	PPT					
23		Data link layer protocols	PPT					
24		High Level Data Link Control	PPT					
25		Media Access Control: Random Access	PPT					
26		Controlled Access	PPT					

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MODULE-3

Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
27		Network Layer: Network layer Services	PPT					
28		Packet Switching, IPv4 Address	PPT					
29		IPv4 Datagram	PPT					
30		IPv6 Datagram	PPT					
31		Routing Algorithms: Unicast Routing Protocols	PPT					
32		DVR, LSR	PPT					
33		PVR, Unicast Routing protocols: RIP	PPT					
34		OSPF, BGP	PPT					
35		Multicasting Routing-MOSPF	PPT					

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Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
36		Introduction, Transport-Layer Protocols: Introduction	PPT					
37		User Datagram Protocol	PPT					
38		Transmission Control Protocol: services, features	PPT					
39		Segments, TCP connections	PPT					
40		Flow control, Error control	PPT					
41		Congestion control	PPT					



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MODULE-5

Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
42		Application Layer: Introduction	PPT					
43		Client-Server Programming	PPT					
44		Standard Client Server Protocols: Introduction	PPT					
45		World Wide Web and HTTP, FTP	PPT					
46		Electronic Mail	PPT					
47		Domain Name System (DNS)	PPT					
48		TELNET, Secure Shell (SSH)	PPT					
49		Revision	Chalk & Talk					
50		Revision	Chalk & Talk					



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	Activity	Planned	Actual	Remarks
1	Theory Classes	47		
2	Assignments/Quizzes/Activity/ Self-study	2 Assignment + 5 quiz		
3	Tutorials/ Extra classes			
4	Internal Assessments	3		
5	ICT based Teaching (% of usage in Curriculum)			
Planning			Execution	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	