


# ADITYA ENGINEERING COLLEGE (A)

## LESSON PLAN


<b>Academic Year</b> 2019-20	<b>Year &amp; Sem : B.Tech - V Semester</b>		
	<b>Branch : Information Technology</b>		
	<b>Subject : Computer Networks</b>		
Date	Topic to be covered	Mode of Teaching	No. of Periods
<b>I WEEK</b>	<b>Unit-I: Introduction</b>	PPT	1
10-06-2019	Applications of Computer Network	PPT	1
to	Reference Models	PPT	1
15-06-2019	OSI Reference model, TCP/IP Reference model	PPT	1
<b>II WEEK</b>	<b>Example Networks-The Internet</b>	PPT	1
17-06-2019	LAN, WAN MAN	PPT	1
to	ARPANET, Novel Netware, Physical layer	PPT	1
22-06-2019	Fourier Analysis-Bandwidth Limited Signals	PPT	1
<b>III WEEK</b>	<b>Transmission media</b>	PPT	1
24-06-2019	Digital Modulation and Multiplexing	PPT	1
to	Switching, Circuit switched Network	Seminar	1
29-06-2019	Datagram Network, and Virtual Circuit Networks	PPT	1
<b>IV WEEK</b>	<b>Unit-II: Data Link Layer</b>	PPT	1
01-07-2019	Data Link Layer Design Issues	PPT	1
to	Services Provided to the Network Layer	Chalk and Talk	1
06-07-2019	Framing, Error Control	PPT	1
<b>V WEEK</b>	<b>Error Detection and Correction</b>	PPT	1
08-07-2019	Error Correcting Codes	PPT	1
to	Error Detecting Codes	PPT	1
13-07-2019	Flow Control, CRC	PPT	1
<b>VI WEEK</b>	<b>Checksum</b>	PPT	1
15-07-2019	Elementary Data Link protocols	PPT	1
to	Sliding Window protocols	PPT	1
20-07-2019	Data Link Layer in HDLC	PPT	1
<b>VII WEEK</b>	<b>Unit-III: The Medium Access Control Sublayer</b>	PPT	1
22-07-2019	ALOHA	Video Demonstration	1
to	MAC addresses, Collision Detection	PPT	1
27-07-2019	Carrier sense multiple access (CSMA)	PPT	1
<b>VIII WEEK</b>	<b>CSMA with Collision Avoidance</b>	PPT	1
29-07-2019	Controlled Access	PPT	1
to	Reservation, Polling	Chalk and Talk	1
03-08-2019	Token Passing, Channelization	PPT	1
<b>IX WEEK</b>			
05-08-2019	<b>I Sessional Exams</b>		
to			
10-08-2019			
<b>X WEEK</b>	<b>12-08-2019 - Bakrid(ID-UL-AZHA)</b>		
12-08-2019	Channelization-FDMA	PPT	1
to	TDMA, IEEE Standards: Standard Ethernet	PPT	1
17-08-2019	<b>15-08-2019- Independence Day</b>		
<b>XI WEEK</b>	<b>23-08-2019 - Sri Krishnasthmi</b>		1
19-08-2019	Fast Ethernet	PPT	1
to	IEEE-802.11: Architecture	Seminar	1
24-08-2019	MAC sub layer, Addressing mechanism, frame structure	PPT	1

  
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<b>XII WEEK</b>	<b>Unit-IV: Network Layer</b>	Guest Lecture	1
26-08-2019	Virtual circuit and datagram network	Chalk and Talk	1
to	Network layer design issues	PPT	1
31-08-2019	Routing Algorithms, Static routing algorithms	PPT	1
<b>XIII WEEK</b>	<b>02-09-2019 - Vinayaka Chavithi</b>		
02-09-2019	Shortest Path Algorithm	PPT	1
to	Flooding	PPT	1
07-09-2019	Dynamic routing, Distance vector routing	PPT	1
<b>XIV WEEK</b>	<b>10-09-2019 - Muharram</b>		
09-09-2019	Hierarchical Routing	PPT	1
to	Broadcast Routing	Chalk and Talk	1
14-09-2019	Multicast Routing, Congestion Control	PPT	1
<b>XV WEEK</b>	Congestion Control algorithms	PPT	1
16-09-2019	General Principles of Congestion	PPT	1
to	Prevention policies	PPT	1
21-09-2019	Quality of services, Internetworking	PPT	1
<b>XVI WEEK</b>	<b>Unit-V: Transport Layer</b>	Seminar	1
23-09-2019	Elements of Transport Protocols	PPT	1
to	The Internet Transport Protocols	Chalk and Talk	1
28-09-2019	UDP, The Internet Transport Protocols: TCP	PPT	1
<b>XVII WEEK</b>	Application Layer	PPT	1
30-09-2019	Network Security	PPT	1
to	DNS, HTTP	PPT	1
05-10-2019	SNMP, E-Mail, WWW, Multi Media	PPT	1
<b>XVIII WEEK</b>			
07-10-2019	<b>Dasara Holidays</b>		
to			
12-10-2019			
<b>XIX WEEK</b>			
14-10-2019	<b>II Sessional Exams</b>		
to			
19-10-2019			
<b>Total</b>			<b>60</b>

  
Course Coordinator

  
Head of the Department  
Head of the Department  
Department of IT  
Aditya Engineering College

  
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