

## Lesson Plan

**Subject-** Computer Science & Applications

**Lesson Plan-** 17 Weeks (July-Nov 2018)

Week	Date	BCA(5 <sup>th</sup> Sem) Computer Networks
1	16-July-18	Introduction to Data Communication and Computer Networks
	17-July-18	Uses of Computer Networks
	18-July-18	Types of Computer Networks
	19-July-18	
	20-July-18	
	21-July-18	
	22-July-18	Sunday
2	23-July-18	Topologies
	24-July-18	Topologies
	25-July-18	Network Hardware Components
	26-July-18	
	27-July-18	
	28-July-18	
	29-July-18	Sunday
3	30-July-18	Network Hardware Components
	31-July-18	Shaheediudhamsingh's martyrdom day
	1-Aug-18	Network Software: Network Design issues
	2-Aug-18	
	3-Aug-18	
	4-Aug-18	
	5-Aug-18	Sunday
4	6-Aug-18	Network Design Protocols
	7-Aug-18	Connection –Oriented and Connectionless Services
	8-Aug-18	Connection –Oriented and Connectionless Services
	9-Aug-18	-
	10-Aug-18	-
	11-Aug-18	-
	12-Aug-18	Sunday
5	13-Aug-18	Haryaliteej
	14-Aug-18	OSI Reference Model
	15-Aug-18	Independence day
	16-Aug-18	
	17-Aug-18	
	18-Aug-18	
	19-Aug-18	Sunday
6	20-Aug-18	Networking Models
	21-Aug-18	Emerging File –Sharing Model

	22-Aug-18	Id-ul-zuha(bakrid)
	23-Aug-18	
	24-Aug-18	
	25-Aug-18	
	26-Aug-18	Sunday
7	27-Aug-18	Analog and Digital Data and Signals
	28-Aug-18	Bandwidth, Data Rate, Capacity, Baud Rate
	29-Aug-18	Transmission Impairment, Data Rate Limits
	30-Aug-18	
	31-Aug-18	
	1-Sep-18	Talent show
	2-Sep-18	Sunday
8	3-Sep-18	Janmashtmi
	4-Sep-18	Guided Transmission Media
	5-Sep-18	Guided Transmission Media
	6-Sep-18	
	7-Sep-18	
	8-Sep-18	
	9-Sep-18	Sunday
9	10-Sep-18	Wireless Transmission ,Communication Satellites
	11-Sep-18	Assignment -2
	12-Sep-18	Switching and Multiplexing
	13-Sep-18	
	14-Sep-18	
	15-Sep-18	
	16-Sep-18	Sunday
10	17-Sep-18	Sessional
	18-Sep-18	Modems and Modulation Techniques
	19-Sep-18	ADSL and Cable Modems
	20-Sep-18	
	21-Sep-18	
	22-Sep-18	
	23-Sep-18	Sunday
11	24-Sep-18	Sessional
	25-Sep-18	Error Detection and Correction and Overview of Sliding Window Protocols
	26-Sep-18	Data Link Layer Design issues/Revision
	27-Sep-18	
	28-Sep-18	
	29-Sep-18	
	30-Sep-18	Sunday
12	1-Oct-18	One-bit, Go Back N and Selective Repeat
	2-Oct-18	Mahatma gandhi'sjayanti
	3-Oct-18	Media Access Control: ALOHA, Slotted ALOHA
	4-Oct-18	Media Access Control: ALOHA, Slotted ALOHA
	5-Oct-18	
	6-Oct-18	

	7-Oct-18	Sunday
13	8-Oct-18	Introduction to LAN technologies: Ethernet, Switched Ethernet
	9-Oct-18	Fast Ethernet, Gigabit Ethernet; Token Ring
	10-Oct-18	Maharaja aggarsenjayanti
	11-Oct-18	
	12-Oct-18	
	13-Oct-18	
	14-Oct-18	Sunday
14	15-Oct-18	Introduction to Wireless LANs and Bluetooth, VLANs
	16-Oct-18	Routing Algorithms: Flooding, Shortest Path Routing
	17-Oct-18	Distance Vector Routing; Link State Routing, Hierarchical Routing
	18-Oct-18	Dussehra
	19-Oct-18	
	20-Oct-18	
	21-Oct-18	Sunday
15	22-Oct-18	Congestion Control; Traffic shaping; Choke packets; Load shedding
	23-Oct-18	Elements of Transport Protocols; Network Security Issues
	24-Oct-18	Maharishi valmiki's birthday
	25-Oct-18	Revision
	26-Oct-18	Revision
	27-Oct-18	Revision
	28-Oct-18	Sunday
16	29-Oct-18	
	30-Oct-18	
	31-Oct-18	
	1-Nov-18	Haryana day
	2-Nov-18	Revision
	3-Nov-18	Question paper discussion
	4-Nov-18	Sunday
17	5-Nov-18	
	6-Nov-18	Holiday
	7-Nov-18	Diwali
	8-Nov-18	Holiday
	9-Nov-18	Vishavkarma day
	10-Nov-18	Holiday
	11-Nov-18	Sunday
18	12-Nov-18	Holiday
	13-Nov-18	Holiday
	14-Nov-18	