

Name of Faculty	MS. Savita			
Discipline	Management (MBA)			
Semester	Fourth Semester (IV)			
Subject	Introduction to Computer Networks (ITM-405)			
Lesson Plan Duration	15 Weeks (January 2018 to April 2018)			
Work Load per week	4 Lectures per week			
Week	Theory		Practical	
	Lecture Day	Topic (Including Assignment/Test)	Practical Day	Topic (Including Assignment/Test)
1	1st	Introduction of Data communications	N/A	N/A
	2nd	Meaning & Defination Of networks		
	3rd	Define Network Model		
	4th	Features of Networks		
2	5th	Video Class	1st	Goods VS Services Video
	6th	Meaning & Defination Of topology	N/A	N/A
	7th	Features of topology		
	8th	Types of topology		
3	9th	Meaning & Defination Of the internet		
	10th	Features of the Internet		
	11th	Uses of the internet		
	12th	History of the Internet		
4	13th	Case Study	2nd	Case Study on Telecom Industry
	14th	Meaning of protocols and standards	N/A	N/A
	15th	Nature of protocols and standards		
	16th	Key elements of protocols and standards		

5	17th	Difference between protocols and standards		
	18th	Fundamental Modeling Concepts		
	19th	The OSI Model		
	20th	Class Test		
6	21st	Sessional-I		
	22nd			
	23rd			
	24th			
7	25th	Introduction of Physical Layer, Media & Data link Layer		
	26th	Introduction of Data & signals		
	27th	Meaning of Analog & Digital		
	28th	Defination of Data rate limits		
8	29th	Video Class	3rd	Hotel Industry Video
	30th	Meaning of performance	N/A	N/A
	31st	Nature of Performance		
	32nd	Introduction of Multiplexing		
9	33rd	Defination of FDM, WDM & STDM		
	34th	Defination of spread spectrum		
	35th	Introduction of Transmission Media		
	36th	Benefits of Transmission Media		
10	37th	Guided media & Unguided Media	4th	Caselet on Banking Industry
	38th	Case Discussion & Assignment on it		
	39th	Introduction, nature of errors, of CSMA/CD, FDMA, TDMA & SDMA	N/A	N/A
	40th	Protocols at physical layer		
11	41st	Introduction of Network Layer		
	42nd	Introduction of Application Layer		
	43rd	IPv4 Address		
	44th	IPv6 Address		
12	45th	Sessional-II		

	46th			
	47th			
	48th			
13	49th	Addresses Internetworking		
	50th	Transition from IPv4 to Ipv6, ICMP, IGMp		
	51st	Protocols at network & Application Layer		
	52nd	Routing & Introduction to routing algorithms		
14	53rd	Domain Name System		
	54th	Name space & Domain Name Space		
	55th	DNS in the Internet		
	56th	Video Class	5th	Relationship Marketing by WestJet Airways
15	57th	Resolution, Remote Logging, E-mail & File Transfer	N/A	N/A
	58th	Network Security		
	59th	Introduction, Types of Network Security		
	60th	Last Year Question Papers Discussion		