Lesson Plan

Name of the Faculty : Er. Chander Mohan

Discipline : Electronics and Communication Engineering

Semester : 6th

Subject : Computer Communication Networks (ECE-308N)

Lesson Plan Duration : 15 weeks (from January, 2020 to April, 2020)

**Work Load (Lecture / Practical) per week (in hours) : Lectures-03, Practical-Nil

Week	Theory	
	Lecture Day	**Topic (including assignment / test)**
1st	1st	Introduction to Computer Networks
	2nd	Protocols and standards
	3rd	Network Models: The OSI Model
2nd	4th	Layers in the OSI Model
	5th	Introduction to addressing.
	6th	Analog and Digital (signals & data)
3rd	7th	Transmission media : Guided &Unguided
	8th	The Telephone System
	9th	Narrowband ISDN
4th	10th	Broadband ISDN
	11th	ATM
	12th	Assignment 1
5th	13th	Data Link Layer Design issues
	14th	Error Detection & correction
	15th	Class Test-1
6th	16th	Data link control: Framing
	17th	Flow & Error control
	18th	Noiseless and Noisy channels
7th	19th	HDLC, Point to Point protocols
	20th	Aloha Protocols

	21st	LAN Protocols: wired LAN Networks
8th	22nd	Wireless LAN Networks
	23rd	Satellite Networks
	24th	Assignment 2
9th	25th	Network layer design issues
	26th	IPv4, IPv4 addresses
	27th	IPv6, IPv6 addresses
10th	28th	Internetworking
	29th	Congestion control algorithms
	30th	Class Test-2
11th	31st	Transport layer and Session layer design issues
	32nd	Process to process delivery
	33rd	UDP, TCP connection Management
12th	34th	remote procedure calls
	35th	Assignment 3
	36th	Presentation Layer Design issues
13th	37th	abstract Syntax notation
	38th	data compression technique
	39th	Cryptography
14th	40th	Application Layer Design issues
	41st	file transfer, access and management
	42nd	electronic mail, virtual terminals in Application layer
15th	43rd	WWW & HTTP
	44th	Assignment 4
	45th	Class Test-3

(Er. Chander Mohan)

Assistant Professor

ECE Department

ACE