LESSON PLAN

NAME OF FACULTY : Anuj Gupta
DISCIPLINE : EEE
SEMESTER : 8th
SUBJECT : RADIO & TV ENGINEERING
LESSON PLAN DURATION : 15 WEEKS (FROM JANUARY , 2018 TO APRIL, 2018)
WORK LOAD (LECTURE/PRACTICAL)PER WEEK (IN HOURS) :4 LECTURE, 1 Tutorial

WEEK	THEORY	
	Lectrue Day	Topic (Including Assignment/Test)
1st	I	Introduction of syallabus & its complete overview
	II	Modulation & its techniques
	III	
	IV	AM Transmitter & its description
2nd	I	FM transmitter & its description
	II	AFC
	III	Selectivity & Sensitivity
	IV	
3rd	I	VODAS
	II	
	III	Radio tramsnitter
	IV	telephone transmitter
4th	I	Privacy device & radio telegraph technique
	II	
	III	unit-1st test
	IV	Introduction of unit-2 & its complete overview
5th	I	
	II	TRF receiver & its drawbacks
	III	
	IV	Superhetrodyne receiver
6th	I	
	II	Double conversion receiver
	III	
	IV	SSB Reciver & frequency syntesis
7th	I	
	II	
	III	Image frequency & selectivity
	IV	
8th	I	
	II	Automatic frequency control
	III	Automatic gain control
	IV	Frequency drift & scintillation
9th	I	Diversity reception
	II	fading & armstrong FM receiver
	III	
	IV	
10th	I	Introduction of Monochrome TV
	II	
	III	Composite video signal picture tube
	IV	
11th	I	Camera tube image
	II	
	III	orthicon & vidicon picture tube
	IV	TV tramsmitter & receiver
12th	I	TV application CATV
	II	CCTV & Video game theater TV
	III	
	IV	
13th	I	VTR
	II	AGC & its systems
	III	
	IV	Introduction to color TV
14th	I	Compatibility
	II	Three color theory
	III	Different color picture tube
	IV	NTSC
15th	I	PAL & SECAM
	II	Practice Session & Revision
	III	
	IV	