

# CCTV SYLLABUS

No	Day	Description	Duration	Tips Practical	Class
1	Day1	<b>PRE TEST</b> What is Cctv ?, types of CCTV Uses of CCTV CCTV Manufacturing Companies Advantages & Disadvantages of CCTV	1.30 hrs	T	
2	Day2	What is electronics?-Differen between the electrical eletronics AC&DC Voltage-- current --Types of materials--coducter-Insulater Semi-conductors. Types of Components--Active &Passive comonents,	1.30 hrs	T	
3	Day3	Resistor;Resistors&Its Types.Its working funtion Capacitor & types & Its Working Function	1.30 hrs	T	
4	Day4	Practical;Resistors &Capacitors checking	1.30 hrs	P	
5	Day5	Inductor/Transformer :-Types&It's working functions	1.30 hrs	T	
6	Day6	Practical :-Inductors & Transformers checking metjhod	1.30 hrs	P	
7	Day7	Diode,Transistor:- Types &It's working functions.	1.30 hrs	T	
8	Day8	Practical:-Diodes & Transisters checting method	1.30 hrs		
9	Day9	Ics:- Various types of Ic & Functions of Ics	1.30 hrs	T	
10	Day10	IC //Practical	1.30 hrs	P	
11	Day11	Tools of Cctv & Components of Cctv, Camera, Aiudio board switches, vedio & audio - jackpins&sockets, mic, speaker power conectors sockets, Cat 3 (vedio) Cable	1.30 hrs	T	
12	Day12	Cameras, Types of camera with Mic,Speaker, Switches,Toggle switch, Push Button Switch Slide Switch, Fm switch	1.30 hrs	T/P	
13	Day13	Audio Section 1.Block Diagram 2. Circuit Diagram.3. functions audio board	1.30 hrs	T/P	
14	Day14	Audio-Board --Mono&Stereo . (i) Mono-- circuits & working functions (ii).Stereo--circuits & working funtions	1.30 hrs	T/P	
15	Day15	Mono&Stereo Practical			
16	Day16	BT-Board.(i)Types of Base/Trieble Ics &transister models	1.30 hrs	P	
17	Day17	Pre-Amplifier & Its types (i)Ic pre- Amplifier (ii)Transister Pre- Amplifier (iii)Mono&Stereo Pre-Amplifier.	1.30 hrs	T/P	
18	Day18	Practical for the previous class	1.30 hrs	P	
19	Day19	I/O Sections:-(i) pre Amplifier Vedio I/O (ii)Pre-Amplifier Input output connecting funtions	1.30 hrs	T/P	
20	Day20	Practical for the previous class	1.30 hrs	P	
21	Day21	Power supply Section Types power supply sections (i)Half wave Rectifier .(ii)Full wave Rectifier. Full wave bridge Rectifier	1.30 hrs	P	
22	Day22	Power supply practical,	1.30 hrs	P	
23	Day23	Assembling Cctv	1.30 hrs	P	
24	Day24	Instalalation of Cctv	1.30 hrs	P	
25	Day25	Practical	1.30 hrs	P	
26	Day26	Practical	1.30 hrs	P	
27	Day27	Practical	1.30 hrs	P	
28	Day28	Practical	1.30 hrs	P	
29	Day29	Practical	1.30 hrs	P	
30	Day30	<b>Doubt Claring &amp; FINAL EXAM</b>	EXAM		