

MYMENSINGH POLYTECHNIC INSTITUTE
MYMENSINGH
ELECTRONIC TECHNOLOGY
SEMESTER PLAN (5TH SEMESTER)

T P C
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Subject- TELEVISION ENGINEERING (26851)

Week	Theory			Practical	
	Content (Specific Objective)	Activity		Content(Practical Job No)	Activity
		Class Test	Learning Materials		
1	1. Picture & TV Signal Processing (1.1-1.7)		Ref. books, white board, marker, duster.	1. Identify with physical layout, location of stages and major components of a Black and colour TV receiver.	
2	2. TV system. (2.1-2.5)			Do	
3	3. TV Camera. (3.1-3.8)			Do	
4	4. Composite Video Signal (CVS). (4.1-4.6)	CT 1		2. Locate all controls and effect of adjustments of controls on the performance of TV receiver.	
5	5. Colour Composite Video Signal (CCVS). (5.1-5.7)			Do	
6	6. TV Transmitter. (6.1-6.3)	QT 1		Do	
7	6. TV Transmitter(6.4-6.5)			3. Test the power supply stage with typical fault conditions.	
8	MID EXAM			MID EXAM	
9	7. Monochrome and Colour TV Receiver Picture Tube. (7.1-7.4)			3. Test the power supply stage with typical fault conditions	
10	7. Monochrome and Colour TV Receiver Picture Tube. (7.5-7.9)	CT 2		Do	
11	8. Circuit diagram of TV (IC/ Transistor/Hybrid Models) Receiver. (8.1-8.4)			4. De-Assemble of LED & SMART TV receiver	
12	8. Circuit diagram of TV (IC/ Transistor/Hybrid Models) Receiver. (8.5-8.8)			5. Test the tuner stage with typical fault conditions.	
13	9. Digital TV System. (9.1-9.6)	QT 2		6. Test the EHT and other high voltage section of a TV receiver.	
14	10. LED, Android TV, SMART TV, OLED,QLED SMART TV receiver.(10.1-10.5)			7. Visit a Television Factory and prepare a report.	
15	TV Transmitting & Receiving antenna and Booster. (11.1-11.5)			Review.	
16	Review.				

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