

# LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Act Upon Review
		UNIT-1		Black Board		
1	6/12	Introduction to instrumentation	I	B.B		
2	9/12	functional description of M.I.	I	B.B		
3	9/12	Examples of MI static characteristics	I	B.B		
4	16/12 16/12	Dynamic characteristics Source of Error	I	B.B		
5	19/12	Elimination of errors classification	I	B.B		
6	23/12	classification of pressure gauges, manometers	I	B.B		
7	23/12	elastic type gauges	I	B.B		
8	27/12	Thermal conductivity ionization gauges	I	B.B		
9	30/12	McLeod gauges	I	B.B		
10	2/1	Calibration Tech's	I	B.B		
11 12	8/1 8/1	Calibration Tech's	I	B.B		
		UNIT-2				
13	5/1	Classification of strain gauges	II	B.B		
14 15	6/1 8/1	Gauge factor Derivation	II	B.B		
16	7/1	Methods of uses of strain gauge	II	B.B		
17	9/1	Expansion type thermocouples	II	B.B		
18	10/1	Resistance type thermocouples	II	B.B		
19	12/1	thermocouples	II	B.B		
20	13/1	pyrometry	II	B.B		



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21	24/1	Rotameter magnetic flowmeter	<u>I</u>	B.S		
22	30/1 31/1	ultrasonic flow meter	<u>I</u>	B.S		
23	1/2	Turbine flowmeter Hot wire flowmeter	<u>I</u>	B.S		
24	3/2 3/2	Copper effect flow meter, flow orizer	<u>I</u>	B.S		
25		UNIT-2				
26 26	5/2 5/2	Inductive Displacement Transducer	<u>II</u>	B.S		
27 27	6/2 6/2	Capacitive Displacement Transducer	<u>II</u>	B.S		
28 28	7/2 7/2	Resistive Displacement Transducer	<u>II</u>	B.S		
29 29	10/2 10/2	Seismic instrument Derivation	<u>II</u>	B.S		
30 30	13/2 13/2	Vibrometer accelerometer	<u>II</u>	B.S		
31 31	20/2 20/2	Elastic force Transducer	<u>II</u>	B.S		
32 32	21/2 27/2	Load cells	<u>II</u>	B.S		
33 33	3/3 3/3	Torsion meter Dynamometer	<u>II</u>	B.S		
34 34	14/3 14/3	Stroboscope	<u>II</u>	B.S		
		UNIT-4				
39	16/3	classification of control system	<u>IV</u>	B.S		
40	17/3	Nyquist stability Criteria, problems	<u>IV</u>	B.S		
41	17/3	types of signals and order of system	<u>IV</u>	B.S		
42	20/3	Response of system for step, ramp, etc.	<u>IV</u>	B.S		