

LESSON PLAN FOR HYDRAULICS AND PNEUMATICS (PRACTICAL) (SESSION: AUG-DEC 2024) MECHANICAL ENGG.5TH SEMESTER						
S.NO.	MONTH	WEEK	DAY G-1 G-2		PARTICULARS	REMARKS
1	AUG	3RD	16	12	1. Measurement of pressure head by employing.i) Piezometer tube ii) U- tube manometer iii) Differential U- tube Manometer	
		4TH	23,30	19		
2	SEP	1ST	6	2	2. Verification of Bernoulli's theorem	
		2ND	13	9		
		3RD	20	16		
		4TH	27	23,30		
3	OCT	1ST	4		3. To find out rate of flow and coefficient of discharge for a venturimeter.	
		2ND	11	7	4. To find out rate of flow and coefficient of discharge for a orifice meter.	
		3RD	18	14	5. Determination of coefficient of friction of flow through pipes	
		4TH	25	21,28		
4	NOV	1ST	1	4	6. Determination of minor losses of flow through pipes.	
		2ND	8	11	7. Calibration of pressure gauge using dead weight pressure gauge tester.	
		3RD	22	18	8. Conduct performance test on centrifugal pump.	
		4TH	29	25	9 Study a single acting reciprocating pump.	
5	DEC	1ST	2	2	10. Study of Pelton wheel and Francis/Kaplan turbine with the help of models	

REFERENCES: 1. Fluid mechanics by R.K Bansal. 2. Fluid Mechanics by Dr AK Jain, Khanna Publishers, New Delhi

  
HOD

  
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