

SIDDHARTH INSTITUTE OF ENGG. & TECHNOLOGY, KORAPUT

LESSON PLAN

DISCIPLINE:	SEMESTER: 4 th	NAME OF TEACHING FACULTY: Dr. Raj Sekhari Sarala Maheswar
SUBJECT: Thermal Engg-II	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 1-03-2023
WEEK	CLASS DAY	NO. OF WEEKS: 05
		THEORY/PRACTICAL SUBJECTS
1ST	1ST	Explain the terminology of reciprocating compressor such as bore stroke pressure ratio, volumetric efficiency. Terminology of reciprocating compressor bore, stroke Pressure ratio, volumetric efficiency.
	2ND	
	3RD	
	4TH	
	5TH	
	6TH	
2ND	1ST	Derive the w.D of single stage & two-stage compressor Derive the w.D of single-stage & two-stage compressor Numerical on above Numerical on above
	2ND	
	3RD	
	4TH	
	5TH	
	6TH	
3RD	1ST	Introduction on properties of steam, difference bet ⁿ gas and vapour formation of steam, P-V, T-S, H-S, T-H diagram Definition & properties of steam Use steam table and mollier chart for finding unknown properties
	2ND	
	3RD	
	4TH	
	5TH	
	6TH	

DISCIPLINE: SUBJECT:	SEMESTER: NO. OF DAYS/PER WEEK CLASS ALLOTTED:	NAME OF TEACHING FACULTY: Dr. Prajwal Yekhani SEMESTER FROM DATE: 1-03-23 NO. OF WEEKS: 05 TO DATE: 31-3-23
4TH	1ST	Non flow & flow process of vapour
	2ND	Non flow, P-V, T-S, H-S
	3RD	determine the changes of properties & Notes
	4TH	
	5TH	Numerical on above
	6TH	
5TH	1ST	Difference between gas and vapours, Formation of steam.
	2ND	Representation of P-V, T-S, H-S, P-T-H diagram
	3RD	Use of steam table and mollier chart for finding unknown properties
	4TH	
	5TH	Numerical on changes of properties
	6TH	


 HEAD OF DEPT.
 H.O.D.
 Mechanical Engg.
 SIET, KORAPUT


 PRINCIPAL
 Principal
 Siddharth Institute of Engineering & Technology
 Ektaguda, Koraput