

SIDDHARTH INSTITUTE OF ENGG.& TECHNOLOGY,KORAPUT

LESSON PLAN

DISCIPLINE:	SEMESTER : 5 th	NAME OF TEACHING FACULTY: Monalisa Hati	
SUBJECT: EM&ST	NO.OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15/09/2022	TO DATE: 30/09/2022
WEEK	CLASS DAY	THEORY/PRACTICAL SUBJECTS	
1ST	1ST	<div style="font-size: 4em; transform: rotate(-45deg); display: inline-block;">↖</div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
2ND	1ST	<div style="font-size: 4em; transform: rotate(-45deg); display: inline-block;">↖</div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
3RD	1ST	<div style="font-size: 4em; transform: rotate(-45deg); display: inline-block;">↖</div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
4TH	1ST	<div style="font-size: 4em; transform: rotate(-45deg); display: inline-block;">↖</div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
5TH	1ST	<div style="font-size: 4em; transform: rotate(-45deg); display: inline-block;">↖</div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
6TH	1ST	<div style="font-size: 4em; transform: rotate(-45deg); display: inline-block;">↖</div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		

NO CLASS

Concept and need of Entrepreneurship

DISCIPLINE:	SEMESTER : 5 th	NAME OF TEACHING FACULTY:	Monalisa Hati	TO DATE: 30/09/22
SUBJECT: EM 857	NO.OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15/09/2022		
4TH	1ST	NO. OF WEEKS: 3	Characteristics and Qualities of entrepreneurs.	
	2ND		Types of entrepreneurs, functions	
	3RD		Barriers to entrepreneurs	
	4TH		Entrepreneurs, Managers	
	5TH			
	6TH			
5TH	1ST		Forms of Business Ownership	
	2ND		Forms of Business Ownership	
	3RD		Types of Industries and Concept of start-ups	
	4TH		Entrepreneurial support agencies	
	5TH			
	6TH			


 12/9/22
 HEAD OF DEPT.
 Mechanical Engg.
 SIET, KORAPUT


 21/9/2022
 PRINCIPAL
 Principal
 Siddharth Institute of Engineering & Technology
 Ektaguda, Koraput

LESSON PLAN

DISCIPLINE:	SEMESTER:	NAME OF TEACHING FACULTY:	TO DATE:
SUBJECT:	NO. OF DAYS/PER WEEK CLASS ALLOTTED:	SEMESTER FROM DATE:	
DME	4	15/9/22	30/9/22
WEEK	CLASS DAY	THEORY/PRACTICAL SUBJECTS	
1ST	1ST	<div style="text-align: center;"> <p>No CLASS</p> </div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
2ND	1ST	<div style="text-align: center;"> <p>No CLASS</p> </div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
3RD	1ST	<div style="text-align: center;"> <p>No CLASS</p> </div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
Introduction to Machine Design and classify it.			

DISCIPLINE:	SEMESTER :	NAME OF TEACHING FACULTY :
SUBJECT:	NO. OF DAYS/PER WEEK CLASS ALLOTTED:	SEMESTER FROM DATE:
DME.	4	15/9/22
4TH	1ST	NO. OF WEEKS: 13
	2ND	
	3RD	Different mechanical engineering materials used and their mechanical & physic working stress, yield stress, ultimate stress & factor of safety.
	4TH	Stress-strain curve for M.S & C.I
	5TH	Modes of failure.
	6TH	
5TH	1ST	The factors governing the design of machine elements
	2ND	Design procedure.
	3RD	Introduction of design of fastening elements.
	4TH	State types of welded joints, State advantages
	5TH	
	6TH	

12/9/22

HEAD OF DEPT.
Mechanical Engg.
SIET, KORAPUT

Principal

Siddharth Institute of Engineering & Technology
Etaguda, Koraput

TO DATE:

30/9/22

SIDDHARTH INSTITUTE OF ENGG. & TECHNOLOGY, KORAPUT

LESSON PLAN

DISCIPLINE:	SEMESTER : <u>5th</u>	NAME OF TEACHING FACULTY: <u>Dr. Shashikantha Gahar</u>	TO DATE: <u>30/09/2022</u>
SUBJECT: <u>HM&TFP</u>	NO. OF DAYS/PER WEEK CLASS ALLOTTED: <u>4</u>	SEMESTER FROM DATE: <u>15/09/2022</u>	
WEEK	CLASS DAY	THEORY/PRACTICAL SUBJECTS	
1ST	1ST	<div style="font-size: 2em; transform: rotate(-45deg); display: inline-block;">/</div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
2ND	1ST	<div style="font-size: 2em; transform: rotate(-45deg); display: inline-block;">/</div>	
2ND	2ND	<div style="font-size: 2em; transform: rotate(-45deg); display: inline-block;">/</div>	
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
3RD	1ST		
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		
3RD	1ST	<div style="font-size: 2em; transform: rotate(-45deg); display: inline-block;">/</div>	
2ND	2ND		
3RD	3RD		
4TH	4TH		
5TH	5TH		
6TH	6TH		

Introduction and classification of hydraulic turbines.

Construction and working principle of impulse turbine.

DISCIPLINE:	SEMESTER :	NAME OF TEACHING FACULTY:
SUBJECT: <u>HM8 IEP</u>	<u>5th</u> NO. OF DAYS/PER WEEK CLASS ALLOTTED: <u>4</u>	<u>Fr. Shashi Kanta Gahar</u> SEMESTER FROM DATE: <u>15/09/22</u> NO. OF WEEKS: <u>3</u> TO DATE: <u>30/09/22</u>
4TH	1ST	<u>Working principle of impulse turbine</u>
	2ND	<u>Velocity diagram of moving blades, workdone of impulse turbine</u>
	3RD	
	4TH	<u>Derivation of various efficiencies of impulse turbine</u>
	5TH	
	6TH	<u>Velocity diagram of moving blades and workdone of Francis turbine</u>
5TH	1ST	<u>Derivation of various efficiencies of Francis turbine</u>
	2ND	<u>Velocity diagram of moving blades and workdone of Kaplan turbine</u>
	3RD	
	4TH	<u>Derivation of various efficiencies of Kaplan turbine</u>
	5TH	
	6TH	<u>Numerical</u>

Dissemin
12/09/22

HEAD OF DEPT.

H.O.D.

Mechanical Engg.
SIET, KORAPUT

Principle
12/09/2022

Siddharth Institute of Engineering & Technology
Etaguda, Koraput

SIDDHARTH INSTITUTE OF ENGG. & TECHNOLOGY, KORAPUT

LESSON PLAN

DISCIPLINE:	SEMESTER: 5 th	NAME OF TEACHING FACULTY: Dr. Rabinthra Pradhan	TO DATE: 30-09-22
SUBJECT: R.A.C	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15-09-22	
WEEK	CLASS DAY	NO. OF WEEKS: 4	THEORY/PRACTICAL SUBJECTS
1ST	1ST	NO CLASS	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
2ND	1ST	NO CLASS	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
3RD	1ST	NO CLASS	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
4TH	1ST	NO CLASS	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
5TH	1ST	NO CLASS	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
6TH	1ST	NO CLASS	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		

Introduction of refrigeration and unit of refrigeration (No. of refrigeration of COP, R.E. Refrigerating effect) & No. of refrigeration of working of open and closed air system of refrigeration.

Calculation of COP of Bell-Coleman cycle.

DISCIPLINE:	SEMESTER:	NAME OF TEACHING FACULTY:
SUBJECT:	NO. OF DAYS/PER WEEK CLASS ALLOTTED:	SEMESTER FROM DATE:
R.A.C		NO. OF WEEKS: 03
4TH	1ST	TO DATE: 30/9/22
	2ND	
	3RD	
	4TH	
	5TH	
	6TH	
5TH	1ST	
	2ND	
	3RD	
	4TH	
	5TH	
	6TH	

Dr. Rabintray's Pradhan

15/9/22

30/9/22

NO. OF WEEKS: 03

Calculation (solved numerical on Bell Coleman cycle)

Calculation (solved numerical on Bell Coleman cycle)

Introduction of Vapour Compression Refrigeration systems

Schematic diagram of simple V.C.A.S

Notes + Repeat, Types of V.C.A.S

Cycle with dry saturated vapour after compression

Cycle with wet vapours after compression.

Notes on above

HEAD OF DEPT.

Mechanical Engg.
SIET, KORAPUT

12/9/22

Principal

PRINCIPAL 12/09/2022

Siddharth Institute of Engineering & Technology
Eklaguda, Koraput

LESSON PLAN

DISCIPLINE:	SEMESTER :	NAME OF TEACHING FACULTY:	TO DATE:
SUBJECT: <u>Mechatronics</u>	NO. OF DAYS/PER WEEK CLASS ALLOTTED: <u>5th</u> <u>4</u>	SEMESTER FROM DATE: <u>15/9/22</u>	<u>30/9/22</u>
WEEK	CLASS DAY	NO. OF WEEKS: <u>3</u>	THEORY/PRACTICAL SUBJECTS
1ST	1ST	<div style="text-align: center;"> <u>NO</u> <u>CLASS</u> </div>	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
2ND	1ST		
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
3RD	1ST		
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
<u>Definition of mechatronics , Advantages & disadvantages , mechatronics</u>			

DISCIPLINE:	SEMESTER : 3rd	NAME OF TEACHING FACULTY: Dr. Rossaline Pallei	TO DATE:
SUBJECT: Mechatronics	NO.OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15/9/22	30/9/22
4TH	1ST	Application of mechatronics, scope of mechatronics, NIS	
	2ND	Importance of mechatronics in automation, NIS	
	3RD	Definition of transducers, classification of NIS	
	4TH	Electrochemical Transducers, Transducers Actuating mechanisms.	
	5TH		
	6TH		
5TH	1ST	Displacement and position sensors, velocity motion, force, and	
	2ND	temperature and light sensors NIS on above	
	3RD	Introduction on machine, kinematic link, kinematic pair	
	4TH	mechanism, slide crank mechanism.	
	5TH		
	6TH		

HEAD OF DEPT.

H.O.D.

Mechanical Engg.
SIET, KORAPUT

Principal

Siddharth Institute of Engineering & Technology
Etaguda, Koraput