

# SIDDHARTH INSTITUTE OF ENGG.& TECHNOLOGY, KORAPUT

## LESSON PLAN

DISCIPLINE:	SEMESTER: 3rd	NAME OF TEACHING FACULTY: D.R. Rajasekhari Svarala Maheswari	TO DATE: 30-09-22
SUBJECT: PRODUCTION TECHNOLOGY	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15-9-22	
WEEK	CLASS DAY	NO. OF WEEKS: 3	THEORY/PRACTICAL SUBJECTS
1ST	1ST	<del> <div style="text-align: center;">NO</div> <div style="text-align: center;">CLASS</div> </del>	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
2ND	1ST		
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
3RD	1ST		
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		

- Extension: Degradation, classification, direct indirect, impact  
 Rolling degradation - classification. Cold churning and hot rolling

DISCIPLINE:	SEMESTER :	NAME OF TEACHING FACULTY:
SUBJECT: Production Technology	NO.OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15-9-22
4TH	1ST	NO. OF WEEKS: 03
2ND	2ND	TO DATE: 30-9-22
3RD	3RD	
4TH	4TH	list different types of rolling mills used in rolling process
5TH	5TH	Define welding Classify various welding process Fluxes used in welding & N ets
6TH	6TH	Explain oxy-acetylene welding process
5TH	1ST	Explain Various fluxes used in oxy-acetylene welding
2ND	2ND	
3RD	3RD	Explain Arc welding, specify arc welding electrodes
4TH	4TH	Defn resistance welds and classify it
5TH	5TH	Describe Various welding processes
6TH	6TH	

D. Rajeswar  
12-19-22

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PRINCIPAL 12/19/2022

# SIDDHARTH INSTITUTE OF ENGG.& TECHNOLOGY, KORAPUT

## LESSON PLAN

DISCIPLINE:	SEMESTER : 3 <sup>rd</sup>	NAME OF TEACHING FACULTY: Dr. Sankhanta Gahon	TO DATE: 30/09/22
SUBJECT: SOM	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15/09/22	
WEEK	CLASS DAY	NO. OF WEEKS: 4	THEORY/PRACTICAL SUBJECTS
1 <sup>ST</sup>	1 <sup>ST</sup>		<del> <p style="font-size: 2em; margin: 0;">/</p> <p style="font-size: 1.5em; margin: 0;">No</p> <p style="font-size: 1.5em; margin: 0;">class</p> </del>
2 <sup>ND</sup>	2 <sup>ND</sup>		
3 <sup>RD</sup>	3 <sup>RD</sup>		
4 <sup>TH</sup>	4 <sup>TH</sup>		
5 <sup>TH</sup>	5 <sup>TH</sup>		
6 <sup>TH</sup>	6 <sup>TH</sup>		
1 <sup>ST</sup>	1 <sup>ST</sup>		
2 <sup>ND</sup>	2 <sup>ND</sup>		
3 <sup>RD</sup>	3 <sup>RD</sup>		
4 <sup>TH</sup>	4 <sup>TH</sup>		
5 <sup>TH</sup>	5 <sup>TH</sup>	Introduction on SOM, Types of load, stresses & strain	
6 <sup>TH</sup>	6 <sup>TH</sup>		

DISCIPLINE:	SEMESTER :	3rd	NAME OF TEACHING FACULTY:	Er. Sushri Kanta Galpam	TO DATE:	30/9/22
SUBJECT:	NO. OF DAYS/PER WEEK CLASS ALLOTTED:	SOIV 4	SEMESTER FROM DATE:	15/9/22		
			NO. OF WEEKS:	03		
4TH	1ST		Hookes law, youngs modulus, bulk modulus, modulus rigic			
	2ND		Poissons ratio, derive the relation between true elastic con			
	3RD		Principle of super position, stresses in composite sectio			
	4TH					
	5TH		Temperature stress determine the temperature stress in compo			
	6TH					
5TH	1ST		Strain energy and resilience stress due to gradually applied			
	2ND		problems on above			
	3RD					
	4TH					
	5TH		problems on above			
	6TH					

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# SIDDHARTH INSTITUTE OF ENGG. & TECHNOLOGY, KORAPUT

## LESSON PLAN

DISCIPLINE:	SEMESTER : 2 <sup>RD</sup>	NAME OF TEACHING FACULTY: D. Rajasekhari Sarala Maheswari	TO DATE: 30-09-22
SUBJECT: Engg <sup>g</sup> , Metallurges	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15-09-22	
WEEK	CLASS DAY	NO. OF WEEKS: <del>4</del> 3	THEORY/PRACTICAL SUBJECTS
1 <sup>ST</sup>	1 <sup>ST</sup>	<del> <div style="text-align: center;">NO</div> <div style="text-align: center;">CL</div> <div style="text-align: center;">ASS</div> </del>	
	2 <sup>ND</sup>		
	3 <sup>RD</sup>		
	4 <sup>TH</sup>		
	5 <sup>TH</sup>		
	6 <sup>TH</sup>		
	1 <sup>ST</sup>		
2 <sup>ND</sup>	2 <sup>ND</sup>		
	3 <sup>RD</sup>		
	4 <sup>TH</sup>		
	5 <sup>TH</sup>		
	6 <sup>TH</sup>		
3 <sup>RD</sup>	1 <sup>ST</sup>		
	2 <sup>ND</sup>		
	3 <sup>RD</sup>		
	4 <sup>TH</sup>		
	5 <sup>TH</sup>		
	6 <sup>TH</sup>		

materials classification ferrous non ferrous category alloys  
 Properties of materials physical, chemical and mechanical

DISCIPLINE:	SEMESTER : 2 <sup>nd</sup>	NAME OF TEACHING FACULTY: D. Raj & Manvi Satish Mahapatra	TO DATE: 30/9/22
SUBJECT: engg. materials	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15/9/22	
4TH	1ST	NO. OF WEEKS: 03	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
5TH	1ST		
	2ND	- do - Notes Repeat	
	3RD	Steel steel - Effect of various alloying elements such as C, Mn, S, P, N, H, O, H <sub>2</sub>	
	4TH	Repeat of Notes	
	5TH	Carbon - phase diagram and cooling curves	
	6TH		

D. Raj & Manvi  
 15/9/22  
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## LESSON PLAN

DISCIPLINE:	SEMESTER: 3 <sup>rd</sup>	NAME OF TEACHING FACULTY: P. Rabinobaranath Pradhyan	TO DATE: 30/9/22
SUBJECT: Thermal Engg. - I	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15/9/22	
WEEK	CLASS DAY	NO. OF WEEKS: 03	THEORY/PRACTICAL SUBJECTS
1ST	1ST	No class	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
2ND	1ST		
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
3RD	1ST		
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		

Thermodynamic systems (closed, open, isolated)  
 Thermodynamic properties of a system, Intensive & extensive properties

DISCIPLINE:	SEMESTER :	NAME OF TEACHING FACULTY:	TO DATE:
SUBJECT: <u>Thermal Engg - II</u>	3rd	Dr. Rabinidra Nath Dhallan	50/9/22
	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15/9/22	
4TH	1ST	NO. OF WEEKS: 03	
	2ND	Define thermodynamic process, path, cycle, state.	
	3RD	Thermodynamic Equilibrium.	
	4TH	Quasi-static process.	
	5TH	Conceptual explanation of energy and its sources	
	6TH		
5TH	1ST	Work, heat & comparison between the two	
	2ND	Mechanical equivalent of heat.	
	3RD		
	4TH	problems of above	
	5TH	work transfer, Displacement work.	
	6TH		

Apurva  
19/9/22

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H.O.D.  
Mechanical Engg.  
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**LESSON PLAN**

DISCIPLINE:	SEMESTER : 8 <sup>th</sup>	NAME OF TEACHING FACULTY: Sabita Hentel	TO DATE: 30/09/2022
SUBJECT: EVC	NO.OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15/09/2022	
WEEK	CLASS DAY	NO. OF WEEKS: 8	THEORY/PRACTICAL SUBJECTS
1ST	1ST		
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
2ND	1ST	N/O	
	2ND	CLASS	
	3RD		
	4TH		
	5TH		
	6TH		
3RD	1ST		
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		

*Introduction of Multidisciplinary nature of environmental studies*

DISCIPLINE:	SEMESTER: 3 <sup>rd</sup>	NAME OF TEACHING FACULTY: Sabita Hentel	TO DATE: 30/09/2022
SUBJECT:	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 4	SEMESTER FROM DATE: 15/09/2022	
EVS	4	NO. OF WEEKS: 3	
4TH	1ST	Natural Resources and associated problems.	
	2ND	Forest resources. Use and over-exploitation, deforestation,	
	3RD	Timber extraction mining, dams and their effects on forests	
	4TH	Water resources: use and over-exploitation of surface & groundwater	
	5TH		
	6TH		
5TH	1ST	Mineral Resources: World food problems, changes caused by agriculture	
	2ND	Effects of modern agriculture, Fertilizers-pesticides	
	3RD	Energy Resources: Growing, Renewable & Non-renewable, alternate energy,	
	4TH	Land Resources: Land degradation, soil erosion & desertification	
	5TH		
	6TH		

D. Rajeshwar  
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