LESSON PLAN

Discipline: Mechanical Engg.	Semester: Sixth (6 th)	Name of the Lab I/C: Er Labendu Mohapatra			
Subject: Power Station Engg.	No. of days/week class allotted:	Semester from Date: 14.02.23 to Date: 23.05.23 No. of Weeks: 15 PRACTICAL EXPERIMENTS			
Lab	Three (3)				
WEEK	CLASS DAY				
	1 st				
st 1	2 nd	To study the modern steam power plant with model.			
	3 rd				
2 nd	1 st				
	2 nd				
	3 rd	Review class			
	1 st				
3 rd	2 nd	To study the cooling tower.			
	rd 3	To study the cooming tower.			
	1 st				
4 th	2 nd				
·	rd				
	3 rd	Review class			
	1 st				
5 th	2 nd	Study of jet condenser.			
	3 rd				
	1 st				
$6^{ m th}$	nd 2	7			
	3 rd	Review class			

$8^{th} = \frac{1}{1}^{st}$ $8^{th} = \frac{1}{2}^{nd}$ $3^{rd} = \frac{1}{3}^{rd}$ $9^{th} = \frac{1}{2}^{nd}$ $3^{rd} = \frac{1}{3}^{rd}$ $3^{rd} = \frac{1}{3}^{rd}$ $10^{th} = \frac{1}{2}^{nd}$ $3^{rd} = \frac{1}{3}^{rd}$ $11^{th} = \frac{2}{3}^{rd}$ $11^{th} = \frac{2}{3}^{rd}$ $11^{th} = \frac{2}{3}^{rd}$ $11^{th} = \frac{2}{3}^{rd}$ $12^{th} = \frac{1}{3}^{rd}$
$8^{th} \qquad \frac{1}{2^{nd}} \qquad \\ 8^{th} \qquad \frac{2^{nd}}{3^{rd}} \qquad \mathbf{Review class}$ $9^{th} \qquad \frac{1}{2^{nd}} \qquad \\ 3^{rd} \qquad 3^{rd} \qquad \mathbf{To study the spring-loaded safety valve.}}$ $10^{th} \qquad \frac{1}{2^{nd}} \qquad \\ 10^{th} \qquad \frac{2^{nd}}{3^{rd}} \qquad \mathbf{Review class}$ $11^{th} \qquad \frac{2^{nd}}{3^{rd}} \qquad \mathbf{Review class}$ $11^{th} \qquad \frac{2^{nd}}{3^{rd}} \qquad \mathbf{To study the following steam generators (boilers) models}}{3^{rd}} \qquad \mathbf{12th} \qquad \frac{1}{3^{rd}} \qquad \mathbf{Review class.}}$ $12th \qquad \frac{1}{3^{rd}} \qquad \mathbf{Review class.}$ $1^{st} \qquad (b) \mathbf{Cornish boiler}$
$8^{\text{th}} \qquad \frac{2^{\text{nd}}}{3^{\text{rd}}} \qquad \text{Review class}$ $\frac{1^{\text{st}}}{2^{\text{nd}}} \qquad \frac{2^{\text{nd}}}{3^{\text{rd}}} \qquad \text{To study the spring-loaded safety valve.}$ $10^{\text{th}} \qquad \frac{2^{\text{nd}}}{3^{\text{rd}}} \qquad \frac{2^{\text{nd}}}{3^{\text{rd}}} \qquad \text{Review class}$ $11^{\text{th}} \qquad \frac{2^{\text{nd}}}{3^{\text{rd}}} \qquad \text{To study the following steam generators(boilers)models}$ $11^{\text{th}} \qquad \frac{2^{\text{nd}}}{3^{\text{rd}}} \qquad \text{To study the following steam generators(boilers)models}$ $12^{\text{th}} \qquad \frac{2^{\text{nd}}}{3^{\text{rd}}} \qquad \text{Review class.}$ $12^{\text{th}} \qquad \frac{2^{\text{nd}}}{3^{\text{rd}}} \qquad \text{Review class.}$ $1^{\text{st}} \qquad \frac{2^{\text{th}}}{3^{\text{rd}}} \qquad \frac{2^{\text{th}}}}{3^{\text{rd}}} \qquad \frac{2^{\text{th}}}{3^{\text{rd}}} \qquad \frac{2^{\text{th}}}{3^{\text{rd}}} $
$\begin{array}{c c} 3^{rd} & \textbf{Review class} \\ \hline & 1^{st} \\ \hline & 2^{nd} \\ \hline & 3^{rd} \\ \hline & 10^{th} \\ \hline & 2^{nd} \\ \hline & 2^{nd} \\ \hline & 2^{nd} \\ \hline & 3^{rd} \\ \hline & Review class \\ \hline & 11^{th} \\ \hline & 2^{nd} \\ \hline & 2^{nd} \\ \hline & 2^{nd} \\ \hline & 2^{nd} \\ \hline & 11^{th} \\ \hline & 2^{nd} \\ \hline & 3^{rd} \\ \hline & 12th \\ \hline & 12th \\ \hline & 3^{rd} \\ \hline & Review class. \\ \hline & 1 \\ \hline & 1 \\ \hline & 1 \\ \hline & 2^{nd} \\ \hline & 3^{rd} \\ \hline & Review class. \\ \hline & 1 \\ \hline & 1 \\ \hline & 2^{nd} \\ \hline & 3^{rd} \\ \hline & Review class. \\ \hline & 1 \\ \hline & 1 \\ \hline & 1 \\ \hline & 1 \\ \hline & 2 \\ \hline & 3^{rd} \\ \hline & Review class. \\ \hline & 1 \\ \hline & 1 \\ \hline & 1 \\ \hline & 2 \\ \hline & 3 \\ \hline & 1 \\ \hline & 2 \\ \hline & 3 \\ \hline & 1 \\ \hline & 2 \\ \hline & 3 \\ \hline & 3 \\ \hline & 4 \\ $
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$ \begin{array}{c c} \hline & 3^{rd} \\ \hline & 10^{th} \\ \hline & 2^{nd} \\ \hline & 3^{rd} \\ \hline & 3^{rd} \\ \hline & 11^{th} \\ \hline & 2^{nd} \\ \hline & 3^{rd} \\ \hline & 11^{th} \\ \hline & 2^{nd} \\ \hline & 3^{rd} \\ \hline & 11^{th} \\ \hline & 2^{nd} \\ \hline & 3^{rd} \\ \hline & 11^{th} \\ \hline & 2^{th} \\ \hline & 3^{th} \\ \hline & 3^$
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10^{th} 2^{nd} 3^{rd} $Review class$ 11^{th} 2^{nd} 2^{nd} 3^{rd} 3^{rd} 3^{rd} 4^{th} 11^{th} 2^{nd} 3^{rd} 2^{nd} 2^{nd} 2^{nd} 2^{nd} 2^{nd} 3^{rd} 2^{nd} 2^{nd} 3^{rd} 3
$ \begin{array}{c c} & 3^{\text{rd}} & \text{Review class} \\ \hline & 1^{\text{st}} & \\ \hline & 2^{\text{nd}} & \\ \hline & 3^{\text{rd}} & \\ \hline & 3^{\text{rd}} & \\ \hline & 3^{\text{rd}} & \\ \hline & 1^{\text{st}} & \\ \hline & 1^{\text{rd}} & \\ \hline & 1^{\text{st}} & \\ \hline & 1^{$
$11^{th} $
$ \begin{array}{c c} & 1 \\ \hline & 2^{\text{nd}} \\ \hline & 3^{\text{rd}} \\ \hline & 12\text{th} \end{array} $ To study the following steam generators(boilers)models (a) Lancashire boiler $ \begin{array}{c c} & 2^{\text{nd}} \\ \hline & 2^{\text{nd}} \\ \hline & 2^{\text{nd}} \\ \hline & 3^{\text{rd}} \\ \hline & 1^{\text{st}} \\ \hline & $
$ \begin{array}{c c} \hline 3^{\text{rd}} \\ \hline 1^{\text{st}} \\ \hline 2^{\text{nd}} \\ \hline 3^{\text{rd}} \\ \hline 12th \\ \hline 3^{\text{rd}} \\ \hline 1^{\text{st}} \\ 1^{\text{st}} \\ \hline 1^{\text{st}} \\ 1^{$
$ \begin{array}{c c} \hline 3^{\text{rd}} \\ \hline 1^{\text{st}} \\ \hline 2^{\text{nd}} \\ \hline 3^{\text{rd}} \\ \hline 1^{\text{st}} \\ \hline 1^{\text{o}} \\ 1^{\text{o}} \\ \hline 1^{\text{o}} \\ 1^{\text{o}}$
$ \begin{array}{c c} & 1 \\ \hline 2^{\text{nd}} \\ \hline 3^{\text{rd}} \\ \hline 1^{\text{st}} \\ \end{array} $ (b) Cornish boiler
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Review class. 1 (b) Cornish boiler
1 (b) Cornish boiler
13 th 2 nd
3 Review class.
(c) Babcock and Wilcox boiler
14 th 2 nd
3 Review class.
1 (d) Vertical water tube boiler
15 th 2 nd Review class.
Review class.