

### LESSON PLAN

Discipline: <b>Metallurgy Engineering</b>			Semester: <b>6<sup>th</sup> semester</b>	Name of the Teaching Faculty: <b>Mr Subrat Kumar Behera , Lecturer</b>
Subject: <b>FOUNDRY ENGINEERING LAB</b> Sub code: <b>Pr 1</b>			No of days /week class allotted: <b>06/week</b>	Semester from Date: <b>16/01/2024 to 26/04/2024</b> No of weeks: <b>14</b>
Month	Week	No of periods available	Class Day	Practical topics to be covered
JANUARY	1 <sup>st</sup>	03P	19-01-2024	Briefing about the Syllabus
	2 <sup>nd</sup>	03P	22-01-2024	Determination of moisture content of molding sand by speed moisture teller
		03P	29-01-2024	
FEBRUARY	3 <sup>rd</sup>	03P	02-02-2024	Lab Record Write
		03P	05-02-2024	Lab Record Submission & Check
	4 <sup>th</sup>	03P	09-02-2024	Determination of clay Content in molding sand
		03P	12-02-2024	Weekly Viva
	5 <sup>th</sup>	03P	16-02-2024	Determination of clay Content in molding sand
		03P	19-02-2024	
MARCH	6 <sup>th</sup>	03P	23-02-2024	Determination of clay Content in molding sand
		03P	26-02-2024	Lab Record Write
	7 <sup>th</sup>	03P	01-03-2024	Lab Record Submission & Check
	8 <sup>th</sup>	03P	04-03-2024	Explain about green compression test
		03P	11-03-2024	Lab Record Write Lab Record Submission & Check
		03P	15-03-2024	Lab Record Write Lab Record Submission & Check
	10 <sup>th</sup>	03P	18-03-2024	Weekly Viva
		03P	22-03-2024	Explain about green permeability of molding sand
APRIL	11 <sup>th</sup>	03P	05-04-2024	Determination of green permeability of molding sand and core sand
	12 <sup>th</sup>	03P	08-04-2024	Lab Record Write Lab Record Submission & Check
		03P	12-04-2024	Determination of mould hardness
	13 <sup>th</sup>	03P	15-04-2024	Determination of mould hardness
		03P	19-04-2024	Lab Record Write
	14 <sup>th</sup>	03	22-04-24	VIVA VOCE Lab Record Submission & Check
03		26-04-24		

*Subrat Kumar Behera*  
16.1.24

**PREPARED BY**  
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16/01/2024

**HOD**  
**METALLURGY ENGINEERING**  
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*Principal*

**PRINCIPAL**  
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