

**GOVERNMENT POLYTECHNIC JAJPUR**

At/ Po: Ragadi, Block: Korei, Dist.: Jajpur, Odisha- 755019

**DEPARTMENT OF MECHANICAL ENGINEERING**

**LESSION PLAN**

<b>Discipline:</b> Mechanical	<b>Semester:</b> 5th	<b>Name of the Teaching faculty:</b> Kedarnath Jena
<b>SUBJECT:</b> <b>WORKSHOP</b> <b>II</b>	<b>No of Days/Week</b> class allotted: 6 <b>Total period:</b> 90 <b>P</b>	<b>Semester starts from Date:</b> 01/10/2021 <b>To</b> 31/01/2022 <b>No of weeks:</b>
<b>Week</b>	<b>Class Day</b>	<b>Topics</b>
<b>1st</b>	1st (3p), Gr-1	Introuduction to fitting practices.
	2nd(3p), Gr-1	Description for preparation of calliper
	3rd (3p), Gr-2	Introuduction to fitting practices.
	4th(3p), Gr-2	Description for preparation of calliper
<b>2nd</b>	1st (3p), Gr-1	Job practice for calliper.
	2nd(3p), Gr-1	Job practice for calliper.
	3rd (3p), Gr-2	Job practice for calliper.
	4th(3p), Gr-2	Job practice for calliper.
<b>3rd</b>	1st (3p), Gr-1	Job practice for calliper.
	2nd(3p), Gr-1	Job practice for calliper.
	3rd (3p), Gr-2	Job practice for calliper.
	4th(3p), Gr-2	Job practice for calliper.
<b>4th</b>	1st (3p), Gr-1	Record check AND viva for calliper.
	2nd(3p), Gr-1	Theory for preparation of Try square.
	3rd (3p), Gr-2	Record check AND viva for calliper.
	4th(3p), Gr-2	Theory for preparation of Try square.
<b>5th</b>	1st (3p), Gr-1	Job practice for Try square.
	2nd(3p), Gr-1	Job practice for Try square.
	3rd (3p), Gr-2	Job practice for Try square.
	4th(3p), Gr-2	Job practice for Try square.
<b>6th</b>	1st (3p), Gr-1	Job practice for Try square.
	2nd(3p), Gr-1	Record check and VIVA for Try square.
	3rd (3p), Gr-2	Job practice for Try square.
	4th(3p), Gr-2	Record check and VIVA for Try square.
<b>7th</b>	1st (3p), Gr-1	Description and theory for preparation of Hammer.
	2nd(3p), Gr-1	Job practice for Hexagonal hammer.
	3rd (3p), Gr-2	Description and theory for preparation of Hammer.
	4th(3p), Gr-2	Job practice for Hexagonal hammer.
<b>8th</b>	1st (3p), Gr-1	Job practice for Hexagonal hammer.
	2nd(3p), Gr-1	Job practice for Hexagonal hammer.
	3rd (3p), Gr-2	Job practice for Hexagonal hammer.
	4th(3p), Gr-2	Job practice for Hexagonal hammer.
<b>9th</b>	1st (3p), Gr-1	Record check and VIVA for hammer
	2nd(3p), Gr-1	Introuduction and description for smithy practice.
	3rd (3p), Gr-2	Record check and VIVA for hammer
	4th(3p), Gr-2	Introuduction and description for smithy practice.
<b>10th</b>	1st (3p), Gr-1	Preparation of Door ring with hook.
	2nd(3p), Gr-1	Preparation of Door ring with hook.
	3rd (3p), Gr-2	Preparation of Door ring with hook.

	4th(3p), Gr-2	Preparation of Door ring with hook.
11th	1st (3p), Gr-1	Preparation of Hexagonal head bolt.
	2nd(3p), Gr-1	Preparaytion of Octagonal flat chisel
	3rd (3p), Gr-2	Preparation of Hexagonal head bolt.
	4th(3p), Gr-2	Preparaytion of Octagonal flat chisel
12th	1st (3p), Gr-1	Record check and VIVA for smithy practice.
	2nd(3p), Gr-1	Introduction and Description of Carpentry section
	3rd (3p), Gr-2	Record check and VIVA for smithy practice.
	4th(3p), Gr-2	Introduction and Description of Carpentry section
13th	1st (3p), Gr-1	Job practices on cutting of slot, botch, mortise and tenon joint.
	2nd(3p), Gr-1	Preparation of single dove tail joint.
	3rd (3p), Gr-2	Job practices on cutting of slot, botch, mortise and tenon joint.
	4th(3p), Gr-2	Preparation of single dove tail joint.
14th	1st (3p), Gr-1	Record check and VIVA for Carpentry section.
	2nd(3p), Gr-1	Theory for welding practice for lap and butt joint using arc welding process.
	3rd (3p), Gr-2	Record check and VIVA for Carpentry section.
	4th(3p), Gr-2	Theory for welding practice for lap and butt joint using arc welding process.
15th	1st (3p), Gr-1	Job practice for lap and butt joint using arc welding process.
	2nd(3p), Gr-1	Record check and VIVA for Welding.
	3rd (3p), Gr-2	Job practice for lap and butt joint using arc welding process.
	4th(3p), Gr-2	Record check and VIVA for Welding.
16th	1st (3p), Gr-1	Grand VIVA
	2nd(3p), Gr-2	Grand VIVA

Faculty Signatu

Signature of HOD