

**GOVERNMENT POLYTECHNIC JAJPUR**

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**DEPARTMENT OF MECHANICAL ENGINEERING**

**LESSON PLAN**

<b>Discipline: Mechanical</b>	<b>Semester: 3rd</b>	<b>Name of the Teaching faculty: SOUBHAGYA GHADAI</b>
<b>Subject: MED(Pr1)</b>	<b>No of Days/Week class allotted: 4</b>	<b>Semester from Date:15.09.2022 To Date:22.12.2022 No of weeks: 15</b>
<b>Week</b>	<b>Class Day</b>	<b>Topics</b>
<b>1st</b>	1st (Gr 1)(2p)	Revision of Engineering Drawing of 1st Year
	1st (Gr 2)(2p)	Revision of Engineering Drawing of 1st Year
	2nd (Gr 1)(2p)	Revision of Engineering Drawing of 1st Year
	2nd (Gr 2)(2p)	Revision of Engineering Drawing of 1st Year
<b>2nd</b>	1st (Gr 1)(2p)	Cut section Screw Threads
	1st (Gr 2)(2p)	Cut section Screw Threads
	2nd (Gr 1)(2p)	Cut section Screw Threads
	2nd (Gr 2)(2p)	Cut section Screw Threads
<b>3rd</b>	1st (Gr 1)(2p)	first angle orthographic Projection of Bolt and nut
	1st (Gr 2)(2p)	first angle orthographic Projection of Bolt and nut
	2nd (Gr 1)(2p)	first angle orthographic Projection of Bolt and nut
	2nd (Gr 2)(2p)	first angle orthographic Projection of Bolt and nut
<b>4th</b>	1st (Gr 1)(2p)	first angle orthographic Projection of Cotter joint
	1st (Gr 2)(2p)	first angle orthographic Projection of Cotter joint
	2nd (Gr 1)(2p)	first angle orthographic Projection of Cotter joint
	2nd (Gr 2)(2p)	first angle orthographic Projection of Cotter joint
<b>5th</b>	1st (Gr 1)(2p)	first angle orthographic Projection of Knuckle joint
	1st (Gr 2)(2p)	first angle orthographic Projection of Knuckle joint
	2nd (Gr 1)(2p)	first angle orthographic Projection of Knuckle joint
	2nd (Gr 2)(2p)	first angle orthographic Projection of Knuckle joint
<b>6th</b>	1st (Gr 1)(2p)	Details to assembly of Rigid pedestal bearing
	1st (Gr 2)(2p)	Details to assembly of Rigid pedestal bearing
	2nd(Gr 1)(2p)	Details to assembly of Rigid pedestal bearing
	2nd (Gr 2)(2p)	Details to assembly of Rigid pedestal bearing
<b>7th</b>	1st (Gr 1)(2p)	Details to assembly of Simple Screw jack
	1st (Gr 2)(2p)	Details to assembly of Simple Screw jack
	2nd (Gr 1)(2p)	Details to assembly of Simple Screw jack
	2nd (Gr 2)(2p)	Details to assembly of Simple Screw jack
<b>8th</b>	1st (Gr 1)(2p)	Assembly to details of Connecting rod of IC Engine
	1st (Gr 2)(2p)	Assembly to details of Connecting rod of IC Engine
	2nd (Gr 1)(2p)	Assembly to details of Connecting rod of IC Engine

	2nd (Gr 2)(2p)	Assembly to details of Connecting rod of IC Engine
9th	1st (Gr 1)(2p)	Assembly to details of Boiler safety valve
	1st (Gr 2)(2p)	Assembly to details of Boiler safety valve
	2nd (Gr 1)(2p)	Assembly to details of Boiler safety valve
	2nd (Gr 2)(2p)	Assembly to details of Boiler safety valve
10th	1st (Gr 1)(2p)	Assembly to details of Spring loaded valve
	1st (Gr 2)(2p)	Assembly to details of Spring loaded valve
	2nd (Gr 1)(2p)	Assembly to details of Spring loaded valve
	2nd (Gr 2)(2p)	Assembly to details of Spring loaded valve
11th	1st (Gr 1)(2p)	Fundamental of AutoCAD
	1st (Gr 2)(2p)	Fundamental of AutoCAD
	2nd (Gr 1)(2p)	Fundamental of AutoCAD
	2nd (Gr 2)(2p)	Fundamental of AutoCAD
12th	1st (Gr 1)(2p)	Setting units, sheet size, limits etc.
	1st (Gr 2)(2p)	Setting units, sheet size, limits etc.
	1st (Gr 1)(2p)	Setting units, sheet size, limits etc.
	1st (Gr 2)(2p)	Setting units, sheet size, limits etc.
13th	1st (Gr 1)(2p)	2D Drafting: Auto CAD Software over view.
	1st (Gr 2)(2p)	2D Drafting: Auto CAD Software over view.
	1st (Gr 1)(2p)	2D Drafting: Auto CAD Software over view.
	1st (Gr 2)(2p)	2D Drafting: Auto CAD Software over view.
14th	1st (Gr 1)(2p)	Use of draw tool Bar
	1st (Gr 2)(2p)	Use of draw tool Bar
	1st (Gr 1)(2p)	Use of draw tool Bar
	1st (Gr 2)(2p)	Use of draw tool Bar
15th	1st (Gr 1)(2p)	Use of draw tool Bar
	1st (Gr 2)(2p)	Use of draw tool Bar
	1st (Gr 1)(2p)	Use of draw tool Bar
	1st (Gr 2)(2p)	Use of draw tool Bar

Signature of Faculty

*Southegeya Bhabai*