

GOVERNMENT POLYTECHNIC JAJPUR

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

DEPARTMENT OF WORKSHOP

LESSON PLAN

Discipline: ELECTRICAL	Semester: 3RD	Name of the Teaching faculty: KEDARNATH JENA
SUBJECT: MECHANICAL WORKSHOP	No of Days/Week class allotted: 6 Total period: 90 P	Semester starts from Date: 15/09/2021 To 22.12.2022 No of weeks: 15
Week	Class Day	Topics
1st	1st (3p), Gr-2	Introduction to carpentry shop and explain different timbers used by carpenters.
	2nd(3p), Gr-1	Introduction to carpentry shop and explain different timbers used by carpenters.
	3rd (3p), Gr-2	Explain and demonstrate different tools used in carpentry shop like marking tools, cutting tools, etc.
2nd	1st (3p), Gr-1	Explain and demonstrate different tools used in carpentry shop like marking tools, cutting tools, etc.
	2nd(3p), Gr-2	Explain and demonstrate different operations like sawing, planing etc.
	3rd (3p), Gr-1	Explain and demonstrate different tools used in carpentry shop like marking tools, cutting tools, etc.
	4th(3p), Gr-2	Job prepare involving slot and notch.
3rd	1st (3p), Gr-1	Job prepare involving slot and notch.
	2nd(3p), Gr-2	Prepare job involving Mortise joint.
	3rd (3p), Gr-1	Prepare job involving Mortise joint.
	4th(3p), Gr-2	Prepare job involving Mortise joint.
4th	1st (3p), Gr-1	Prepare job involving Mortise joint.
	2nd(3p), Gr-2	Prepare job involving Tenon joint.
	3rd (3p), Gr-1	Prepare job involving Tenon joint.
	4th(3p), Gr-2	Prepare job involving Tenon joint.
5th	1st (3p), Gr-1	Prepare job involving Tenon joint.
	2nd(3p), Gr-2	Job prepare involving single dovetail joint.
	3rd (3p), Gr-1	Job prepare involving single dovetail joint.
	4th(3p), Gr-2	Job prepare involving single dovetail joint.
6th	1st (3p), Gr-1	Job prepare involving single dovetail joint.
	2nd(3p), Gr-2	Record checking.
	3rd (3p), Gr-1	Record checking.
	4th(3p), Gr-2	Record checking.
7th	1st (3p), Gr-1	Record checking.
	2nd(3p), Gr-2	Viva on the carpentry section.
	3rd (3p), Gr-1	Viva on the carpentry section.
	4th(3p), Gr-2	Viva on the carpentry section.
8th	1st (3p), Gr-1	Viva on the carpentry section.
	2nd(3p), Gr-2	Explain the functions of different parts of lathe machine.
	3rd (3p), Gr-1	Explain the functions of different parts of lathe machine.
	4th(3p), Gr-2	Explain different accessories and their functions of lathe machine.
9th	1st (3p), Gr-1	Explain different accessories and their functions of lathe machine.
	2nd(3p), Gr-2	Explain different tools used in lathe machine

	3rd (3p), Gr-1	Explain different tools used in lathe machine
	4th(3p), Gr-2	Explain and demonstrate different operations performed in lathe machine
10th	1st (3p), Gr-1	Explain and demonstrate different operations performed in lathe machine
	2nd(3p), Gr-2	Job preparation involving plane turning and step turning .
	3rd (3p), Gr-1	Job preparation involving plane turning and step turning .
	4th(3p), Gr-2	Job preparation involving plane turning and step turning .
11th	1st (3p), Gr-1	Job preparation involving plane turning and step turning .
	2nd(3p), Gr-2	Job preparation involving plane turning and step turning .
	3rd (3p), Gr-1	Job preparation involving plane turning and step turning .
	4th(3p), Gr-2	Job preparation involving taper turning operation(on same job) .
12th	1st (3p), Gr-1	Job preparation involving taper turning operation(on same job) .
	2nd(3p), Gr-2	Job preparation involving knurling operation (on same job) .
	3rd (3p), Gr-1	Job preparation involving knurling operation (on same job) .
	4th(3p), Gr-2	Job preparation involving external V threading (on same job) .
13th	1st (3p), Gr-1	Job preparation involving external V threading (on same job) .
	2nd(3p), Gr-2	Job preparation involving external V threading (on same job) .
	3rd (3p), Gr-1	Job preparation involving external V threading (on same job) .
	4th(3p), Gr-2	Record checking.
14th	1st (3p), Gr-1	Record checking.
	2nd(3p), Gr-2	Record checking.
	3rd (3p), Gr-1	Record checking.
	4th(3p), Gr-2	Viva on turning section
15th	1st (3p), Gr-1	Viva on turning section
	2nd(3p), Gr-2	OVERALL VIVA
	3rd (3p), Gr-1	Over all viva
	4th(3p), Gr-2	GRAND VIVA
16th	1st (3p), Gr-1	GRAND VIVA

Faculty Signature