

LESSON PLAN

SUB:- MECHANICAL WORKSHOP

BRANCH:- ELECTRICAL ENGG.

SEMESTER:3rd

SESSION:2022-2023

NAME OF FACULTY: -SANTANU KUMAR DUTTA



**GOVERNMENT POLYTECHNIC,
BHADRAK**

Hod Electrical

HOD (ELECT.)
G.P. BHADRAK

Academic Co-ordinator

Principal
Govt. Polytechnic Bhadrak
Bhadrak

Discipline: ELECTRICAL ENGG.	Semester: 3rd (Winter-2022)	Name of the Faculty: Sri Santanu Kumar Dutta (Workshop Superintendent)
Subject: Mechanical Workshop Practice (PR.3)	No. of days/per week class allotted: 02	Semester from Date: 15.09.2022 to Date: 21.01.2023 Total Period =90 No of weeks: 18
Week	Class Day	Theory Topics:
1 st	1 st	Safety Precaution in Carpentry Shop
	2 nd	Introduction to Carpentry Tools & Equipments
2 nd	1 st	Hand's on Practice on Sawing Operation
	2 nd	Hand's on Practice on Planning Operation
3 rd	1 st	Holiday
	2 nd	Hand's on Practice on Chiseling Operation
4 th	1 st	Introduction & Hand Practice on Measuring & Marking in Carpentry Shop
	2 nd	Introduction to types of Timbers used by Carpenters,Substitution of Timbers
5 th	1 st	Preparation of Slot , Notch
	2 nd	Preparation of Slot , Notch
6 th	1 st	Preparation of Mortise & Tenon Joint
	2 nd	Preparation of Mortise & Tenon Joint
7 th	1 st	Preparation of Mortise & Tenon Joint
	2 nd	Preparation of Mortise & Tenon Joint
8 th	1 st	Holiday
	2 nd	Preparation of Single Dovetail Joint
9 th	1 st	Preparation of Single Dovetail Joint
	2 nd	Holiday

10 th	1 st	Preparation of Single Dovetail
	2 nd	Preparation of Single Dovetail Joint
11 th	1 st	Safety precaution in Turning Shop.
	2 nd	Introduction to S.C Lathe & their Accessories
12 th	1 st	Introduction to S.C Lathe & their Accessories
	2 nd	Introduction to S.C Lathe & their Accessories
13 th	1 st	Holiday
	2 nd	Hand's on Practice on various Lathe operations such as Plane Turning, Step Turning
14 th	1 st	Hand's on Practice on various Lathe operations such as Plane Turning, Step Turning
	2 nd	Hand's on Practice on various Lathe operations such as Tapper turning
15 th	1 st	Hand's on Practice on various Lathe operations such as Tapper turning
	2 nd	Hand's on Practice on various Lathe operations such as Knurling & External V- threading
16 th	1 st	Hand's on Practice on various Lathe operations such as Knurling & External V- threading
	2 nd	Hand's on Practice on various Lathe operations such as Knurling & External V- threading
17 th	1 st	Hand's on Practice on various Lathe operations such as Knurling & External V- threading
	2 nd	Extra classes will be taken to compensate workshop practical classes of puja holidays
18 th	1 st	Extra classes will be taken to compensate workshop practical classes of puja holidays
	2 nd	Extra classes will be taken to compensate workshop practical classes of puja holidays

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 15/9/22