

UTKAL GOURAV MADHUSUDAN INSTITUTE OF TECHNOLOGY, RAYAGADA
Academic Lesson Plan for Winter Semester- 2022

Name of the Teaching Faculty: Er. Amiya Ranjan Patra
 Semester: 3rd
 No. of Periods per Week: 6
 End Semester Exam: 50
 Total Marks: 100

Department: Mechanical Engineering
 Subject: WORKSHOP PRACTICE -II
 Total Periods: 90
 Sessional - 50
 Practical - 3

Sl. No	Week	Period	Topic to be covered
1	1 st	1 st	Fitting practices
2		2 nd	Do
3		3 rd	Do
4		4 th	Preparation of caliper
5		5 th	Do
6		6 th	Do
7	2 nd	1 st	Do
8		2 nd	Do
9		3 rd	Do
10		4 th	Preparation of try square
11		5 th	Do
12		6 th	Do
13	3 rd	1 st	Do
14		2 nd	Do
15		3 rd	Do
16		4 th	Do
17		5 th	Do
18		6 th	Do
19	4 th	1 st	Preparation of hammer, square , Hexagonal
20		2 nd	Do
21		3 rd	Do
22		4 th	Do
23		5 th	Do
24		6 th	Do
25	5 th	1 st	Do
26		2 nd	Do
27		3 rd	Do
28		4 th	Do
29		5 th	Do
30		6 th	Do
31		1 st	Smithy Practices

32	6 th	2 nd	Do
33		3 rd	Do
34		4 th	Preparation of door ring with hook
35		5 th	Do
36		6 th	Do
37		7 th	1 st
38	2 nd		Do
39	3 rd		Do
40	4 th		Preparation of hexagonal head bolt
41	5 th		Do
42	6 th		Do
43	8 th	1 st	Do
44		2 nd	Do
45		3 rd	Do
46		4 th	Preparation of octagonal flat chisel
47		5 th	Do
48		6 th	Do
49	9 th	1 st	Do
50		2 nd	Do
51		3 rd	Do
52		4 th	Carpentry Practices
53		5 th	Do
54		6 th	Do
55	10 th	1 st	Cutting of slot, mortise.
56		2 nd	Do
57		3 rd	Do
58		4 th	Do
59		5 th	Do
60		6 th	Do
61	11 th	1 st	Cutting of Tenon joint
62		2 nd	Do
63		3 rd	Do
64		4 th	Do
65		5 th	Preparation of single dove tail joint
66		6 th	Do
67	12 th	1 st	Do
68		2 nd	Do
69		3 rd	Do
70		4 th	Welding Practice
71		5 th	Do
72		6 th	Do
73	13 th	1 st	Lap & butt joint using arc welding
74		2 nd	Do
75		3 rd	Do

76		4 th	Do
77		5 th	Do
78		6 th	Do
79	14 th	1 st	Lap joint using gas welding
80		2 nd	Do
81		3 rd	Do
82		4 th	Do
83		5 th	Do
84		6 th	Do
85	15 th	1 st	Joining two non-ferrous parts .
86		2 nd	Do
87		3 rd	Do
88		4 th	Do
89		5 th	Do
90		6 th	Do

The above lesson plan prepared by the concerned faculty.

Er. Amiya Ranjan Patra

PTGF, MECHANICAL DEPARTMENT