

Lesson Planing for the semester starting w.e.f 08.01.2018

Govt. Polytechnic Education Society,Manesar

Name of the Faculty : Sh.Rajesh kumar

Discipline : Civil,Mechanical,Auto Engg.

Semester : 2nd

Subject : Workshop Practice –II (welding)

Lesson Plan Duration : 15 Weeks (from January,2018 to April 2018)

● **Work Load (Practical) per week (In hours):** Practical-06 Hrs

Week	Theory		Practical	
	Lecture day	Topic	Practical Day	Topic
1 st			1 st	Introduction to gas welding ,spot welding and seam welding and welding techniques.
			2 nd	Adjustment of different type of flames in gas welding
			3 rd	Job 1 Practice of handling gas welding equipments(low pressure and high pressure)And welding and tacking practice on simple job
2 nd			4 th	Introduction to gas welding ,spot welding and seam welding and welding techniques.
			5 th	Adjustment of different type of flames in gas welding
			6 th	Job 1 Practice of handling gas welding equipments(low pressure and high pressure)And welding and tacking practice on simple job
			7 th	Introduction to gas welding ,spot welding and seam welding and welding

3 rd				techniques.
			8 th	Adjustment of different type of flames in gas welding
			9 th	Job 1 Practice of handling gas welding equipments (low pressure and high pressure) And welding and tacking practice on simple job
4 th			10 th	Introduction to gas welding, spot welding and seam welding and welding techniques.
			11 th	Adjustment of different type of flames in gas welding
			12 th	Job 1 Practice of handling gas welding equipments (low pressure and high pressure) And welding and tacking practice on simple job
5 th			13 th	Demonstration and precautions about handling welding equipments.
			14 th	3.2 Comment used welding joints generally made by gas welding
			15 th	Job 2 Preparation of butt joint by gas welding
6 th			16 th	Demonstration and precautions about handling welding equipments.
			17 th	3.2 Comment used welding joints generally made by gas welding
			18 th	Job 2 Preparation of butt joint by gas welding
7 th			19 th	Demonstration and precautions about handling welding equipments.
			20 th	3.2 Comment used welding joints generally made by gas welding
			21 th	Job 2 Preparation of butt joint by gas welding

8 th			22 th	Demonstration and precautions about handling welding equipments.
			23 th	3.2 Comment used welding joints generally made by gas welding
			24 th	Job 2 Prepration of butt joint by gas welding
9 th			25 th	Job 3 Prepration of small cot frame from conduit pipe by gas welding
			26 th	Job 4 Prepration of square pyramidfrom MS rodent welding (types of welding decided by students)
			27 th	Demonstration and use of TIG welding
10 th			28 th	Job 3 Prepration of small cot frame from conduit pipe by gas welding
			29 th	Job 4 Prepration of square pyramidfrom MS rodent welding (types of welding decided by students)
			30 th	Demonstration and use of TIG welding
11 th			31 th	Job 3 Prepration of small cot frame from conduit pipe by gas welding
			32 th	Job 4 Prepration of square pyramidfrom MS rodent welding (types of welding decided by students)
			33 th	Demonstration and use of TIG welding
12 th			34 th	Job 3 Prepration of small cot frame from conduit pipe by gas welding
			35 th	Job 4 Prepration of square pyramidfrom MS rodent welding (types of welding decided by students)
			36 th	Demonstration and use of TIG welding
13 th			37 th	Job 4 Exercise of preparing a job on spot/seam welding

				machine
			38 th	Demonstration and use of TIG welding
			39 th	welding Practice of all types of welding techniques used in welding shop
14 th			40 th	Job 4 Exercise of preparing a job on spot/seam welding machine
			41 th	Demonstration and use of TIG welding
			42 th	welding Practice of all types of welding techniques used in welding shop
15 th			43 th	Job 4 Exercise of preparing a job on spot/seam welding machine
			44 th	Demonstration and use of TIG welding
			45 th	welding Practice of all types of welding techniques used in welding shop

***Each class is divided into five sub groups.**

Sign of Instructor