Name of Faculty : W
Semester : 3ı
Subject : W
Lesson Plan Duration : 1ᵢ

Week	
	Practical Day
1st	1
	2
2nd	1
	2
3rd	1
	2
4th	1
	2
5th	1
	2
6th	1
	2
7th	1
	2
8th	1
	2
9th	1

	2
10th	1
	2
11th	1
	2
12th	1
	2
13th	1
	2
14th	1
	2
15th	1
	2

/orkshop Staff Discipline : Workshop (Mech.)
rd
/elding Workshop
5 Weeks (From July 2018 to Nov 2018)

Practical
Topic
Job 1. Introduction to welding and Preparing gas welding joint in vertical/Horizontal position joining M.S. Plate
Job 2. Exercise on gas cutting of mild steel plate with oxy-acetylene gas torch.
Job 1. Preparing gas welding joint in vertical/Horizontal position joining M.S. Plate
Job 2. Exercise on gas cutting of mild steel plate with oxy-acetylene gas torch.
Job 1. Preparing gas welding joint in vertical/Horizontal position joining M.S. Plate (Practical Revision/viva).
Job 2. Exercise on gas cutting of mild steel plate with oxy-acetylene gas torch (Practical Revision/viva).
Job 1. Preparing gas welding joint in vertical/Horizontal position joining M.S. Plate
Job 2. Exercise on gas cutting of mild steel plate with oxy-acetylene gas torch.
Job 3. Exercise on gas welding of cast iron and brass part or component.
Job 4. Exercise on preparation of T Joint by arc welding (200 mm x 6 mm Flats)
Job 3. Exercise on gas welding of cast iron and brass part or component.
Job 4. Exercise on preparation of T Joint by arc welding (200 mm x 6 mm Flats)
Job 3. Exercise on gas welding of cast iron and brass part or Component (Practical Revision/viva).
Job 4. Exercise on preparation of T Joint by arc welding (200 mm x 6 mm Flats) (Practical Revision/viva).
Job 3. Exercise on gas welding of cast iron and brass part or component.
Job 4. Exercise on preparation of T Joint by arc welding (200 mm x 6 mm Flats)
Job 5. Exercise on spot welding/seam welding (any utility item)

Job 6. Exercise on MIG and TIG welding
Job 5. Exercise on spot welding/seam welding (any utility item)
Job 6. Exercise on MIG and TIG welding
Job 5. Exercise on spot welding/seam welding (any utility item)
Job 6. Exercise on MIG and TIG welding
Job 5. Exercise on spot welding/seam welding (any utility item)
Job 6. Exercise on MIG and TIG welding
Job 7 Exercise on arc welding pipe joint MS.
(Practical Revision/viva).
Job 7 Exercise on arc welding pipe joint MS.
(Practical Revision/viva).
Job 7 Exercise on arc welding pipe joint MS.
(Practical Revision/viva).

Name of Faculty : W
Semester : 3r
Subject : P
Lesson Plan Duration : 15

Week	
	Practical Day
1st	1
	2
2nd	1
	2
3rd	1
	2
4th	1
	2
5th	1
	2
6th	1
	2
7th	1
8th	1
	2
9th	1
	2
10th	1
	2
11th	1
	2
12th	1
	2
13th	1
	2
14th	1
	2
15th	1
	2

/orkshop staff Discipline : Workshop (Mech)
rd
attern Making
5 Weeks (From July 2018 to Nov 2018)

Practical
Topic
Job 1. Preparation of solid/single piece pattern.
Job Continued
Job 1. Preparation of solid/single piece pattern.
Job Continued
Job 1. Preparation of solid/single piece pattern.
Job Continued
Job 1. Preparation of solid/single piece pattern.
Job Continued
Job 2. Preparation of two piece/split pattern
Job 3. Preparation of a pattern on wooden lathe
Job 2. Preparation of two piece/split pattern
Job 3. Preparation of a pattern on wooden lathe
Job 2. Preparation of two piece/split pattern
Job 2. Preparation of two piece/split pattern
Job 3. Preparation of a pattern on wooden lathe
Job 4. Preparation of a self cored pattern
Job Continued
Job 4. Preparation of a self cored pattern
Job Continued
Job 4. Preparation of a self cored pattern
Job Continued
Job 4. Preparation of a self cored pattern
Job Continued
Job 5. Preparation of a core box.
Job 5. Preparation of a core box.
Job 5. Preparation of a core box.
Job 5. Preparation of a core box.
Job 5. Preparation of a core box.
Job 5. Preparation of a core box.

Name of Faculty : Workshop Staff Discipline : Workshop (Mech)
Semester : 3rd
Subject : Foundry Shop
Lesson Plan Duration : 15 Weeks (From July 2018 to Nov 2018)

Wee	Practical	
	Practical Day	Topic
1st	1	Job 1. Preparation of mould with solid pattern on floor.
	2	Job 2. Preparation of floor mould of solid pattern using cope.
2nd	1	Job 1. Preparation of mould with solid pattern on floor.
	2	Job 2. Preparation of floor mould of solid pattern using cope.
3rd	1	Job 1. Preparation of mould with solid pattern on floor.
	2	Job 2. Preparation of floor mould of solid pattern using cope.
4th	1	Job 1. Preparation of mould with solid pattern on floor.
	2	Job 2. Preparation of floor mould of solid pattern using cope.
5th	1	Job 3. Preparation of floor mould of split pattern in cope and drag of moulding box.
	2	Job Continued
6th	1	Job 3. Preparation of floor mould of split pattern in cope and drag of moulding box.
	2	Job Continued
7th	1	Job 3. Preparation of floor mould of split pattern in cope and drag of moulding box.
8th	1	Job 3. Preparation of floor mould of split pattern in cope and drag of moulding box.
	2	Job Continued
9th	1	Job 4. Moulding and casting of a solid pattern of aluminum
	2	Job 5. Preparing a mould of step pulley and also preparing core for the same.
10th	1	Job 4. Moulding and casting of a solid pattern of aluminum
	2	Job 5. Preparing a mould of step pulley and also preparing core for the same.

11th	1	Job 4. Moulding and casting of a solid pattern of aluminum
	2	Job 5. Preparing a mould of step pulley and also preparing core for the same.
12th	1	Job 4. Moulding and casting of a solid pattern of aluminum
	2	Job 5. Preparing a mould of step pulley and also preparing core for the same.
13th	1	Testing of moisture contents and strength of moulding sand.
	2	Testing of moisture contents and strength of moulding sand.
14th	1	Testing of moisture contents and strength of moulding sand.
	2	Testing of moisture contents and strength of moulding sand.
15th	1	A visit to cast iron foundry should be arranged to have first hand knowledge of cast iron melting pouring and casting.
	2	A visit to cast iron foundry should be arranged to have first hand knowledge of cast iron melting pouring and casting.