

Lesson Plan

Name of Faculty : Tilak Raj
 Discipline : Workshop (Mech)
 Semester : 3rd
 Subject : Foundry Shop
 Lesson Plan Duration : 15 Weeks (From Sep.2022 to 2023)

Week	Theory	Practical	Week	Theory
1 st			1	Job 1. Preparation of mould with solid pattern on floor.
			2	Job 2. Preparation of floor mould of solid pattern using cope.
2 nd			1	Job 1. Preparation of mould with solid pattern on floor.
			2	Job 2. Preparation of floor mould of solid pattern using cope.
3 rd			1	Job 1. Preparation of mould with solid pattern on floor.
			2	Job 2. Preparation of floor mould of solid pattern using cope.
4 th			1	Job 1. Preparation of mould with solid pattern on floor.
			2	Job 2. Preparation of floor mould of solid pattern using cope.
5 th			1	Job 3. Preparation of floor mould of split pattern in cope and drag of moulding box.
			2	Job Continued
6 th			1	Job 3. Preparation of floor mould of split pattern in cope and drag of moulding box.
			2	Job Continued
7 th			1	Job 3. Preparation of floor mould of split pattern in cope and drag of moulding box.
			2	Job Continued
8 th			1	Job 3. Preparation of floor mould of split pattern in cope and drag of moulding box.
			2	Job Continued
9 th			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.
10 th			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.
11 th			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.
12 th			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.