LESSON PLAN

Name of Faculty: SATYAWAN

Discipline: WORKSHOP

Semester: IV

Subject: WORKSHOP PRACTICE 2 (TURNING SHOP)

Lesson plan Duration: 15 WEEKS

Work Load (Lecture/Practical) per week: 27 PRACTICALS

WEEK	THEORY		PRACTICAL	
	LECTURE DAY	TOPIC	PRACTICAL DAY	TOPIC
1	NA		1(GROUP1)	Explanation about various angles and materials of single point turning tool.
			2(GROUP1)	Job 1. Grinding of single point turning tool.
			3(GROUP1)	Job 1. Grinding of single point turning tool.
2	NA		1(GROUP1)	Job 1. Grinding of single point turning tool.
			2(GROUP1)	Job 1. Grinding of single point turning tool.
			3(GROUP1)	Job 1. Grinding of single point turning tool.
3	NA		1(GROUP2)	Explanation about various angles and materials of single point turning tool.
			2 (GROUP2)	Job 1. Grinding of single point turning tool.
			3 (GROUP2)	Job 1. Grinding of single point turning tool.
4	NA		1 (GROUP2)	Job 1. Grinding of single point turning tool.
			2 (GROUP2)	Job 1. Grinding of single point turning tool.
			3 (GROUP2)	Job 1. Grinding of single point turning tool.
5	NA		1(GROUP1)	Explanation about parts of lathe machine, speed selection, various operations and precaution measures on lathe machine
			2(GROUP1)	Job 2. Exercise of simple turning and step turning.
			3(GROUP1)	Job 2. Exercise of simple turning and step turning.
6	NA		1(GROUP1)	Job 2. Exercise of simple turning and step turning.
			2(GROUP1)	Job 2. Exercise of simple turning and step turning.
			3(GROUP1)	Job 2. Exercise of simple turning and step turning.
7	NA		1(GROUP2)	Explanation about parts of lathe machine, speed selection, various operations and precaution measures on lathe machine
			2 (GROUP2)	Job 2. Exercise of simple turning and step turning.
			3 (GROUP2)	Job 2. Exercise of simple turning and step turning.
8	NA		1 (GROUP2)	Job 2. Exercise of simple turning and step turning.
			2 (GROUP2)	Job 2. Exercise of simple turning and step turning.
			3 (GROUP2)	Job 2. Exercise of simple turning and step turning.

9	NA	1(GROUP1)	Explanation of various tools and techniques related, taper turning, external thread cutting and Knurling operations.
		2(GROUP1)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
		3(GROUP1)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
10	NA	1(GROUP1)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
		2(GROUP1)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
		3(GROUP1)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
11	NA	1(GROUP2)	Explanation of various tools and techniques related, taper turning, external thread cutting and Knurling operations.
		2 (GROUP2)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
		3 (GROUP2)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
12	NA	1 (GROUP2)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
		2 (GROUP2)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
		3 (GROUP2)	Job 3. A composite job involving, turning, taper turning, external thread cutting and Knurling.
13	NA	1(GROUP1)	Revision of Job 1
		2(GROUP1)	Revision of Job 2
		3(GROUP1)	Revision of Job 2
14	NA	1(GROUP1)	Revision of Job 3
		2(GROUP1)	Revision of Job 3
		3(GROUP2)	Revision of Job 1
15	NA	1(GROUP2)	Revision of Job 2
		2 (GROUP2)	Revision of Job 2
		3 (GROUP2)	Revision of Job 3

**The above mentioned lesson plan is of only 1 section and it will be followed in all three sections of 4th semester mechanical engg.