

Lesson Plan

Name of Faculty : Workshop Staff

Discipline : Workshop Practice-III

Semester : 5th Mech. Engg.

Subject : Advance Turning shop

Lesson Plan Duration : 15 Weeks (From July 2018 to November 2018)

Week	Theory		Practical	
	Lecture Day	Topic (including assignment/test)	Practical Day	Topic
1 st			1	Introduction to Turning Workshop, Lathe Machines and their terms etc.
			2	Different Parts of Advance Lathe Machine. Working and Safety Precautions to be taken in the Workshop
			3	Introduction of Tools and Equipments to be used in Turning Shop
2 nd			1	Introduction to Turning Workshop, Lathe Machines and their terms etc.
			2	Different Parts of Lathe Machine. Working and Safety Precautions to be taken in the Workshop
			3	Introduction of Tools and Equipments to be used in Turning Shop
3 rd			1	Cutting of Job for Single point turning tool
			2	Grinding of Single point turning tool
			3	Job Continued
4 th			1	Cutting of Job for Single point turning tool
			2	Grinding of Single point turning tool
			3	Job Continued
5 th			1	Cutting of Job for Turning and other operations
			2	Introduction about operations on Advance Lathe machine to be carried out
			3	Exercises on external turning with greater finishing/accuracy on lathe machine
6 th			1	Cutting of Job for Turning and other operations

			2	Introduction about operations on Advance Lathe machine to be carried out
			3	Exercises on external turning with greater finishing/accuracy on lathe machine
7 th			1	Exercise of boring with the help of boring bar
			2	Job Continued
			3	Job Continued
8 th			1	Exercise of boring with the help of

			2
			3
9th			1
			2
			3
10th			1
			2
			3
11th			1
			2
			3
12th			1
			2
			3
13th			1
			2
			3
14th			1
			2
			3
15th			1
			2
			3

boring bar
Job Continued
Exercises on internal turning on lathe machine
Job Continued
Job Continued
Exercises on internal turning on lathe machine
Job Continued
Exercises on internal threading on lathe machine
Job Continued
Job Continued
Exercises on internal threading on lathe machine
Job Continued
Job Continued
Writing and checking of Practical
Job Continued
Job Continued

Lesson Plan

Name of Faculty : Workshop Staff

Discipline : Workshop Practice-III

Semester : 5th Mech. Engg.

Subject : Machine shop

Lesson Plan Duration : 15 Weeks (From July 2018 to November 2018)

Week	Theory		Practic	
	Lecture Day	Topic (including assignment/test)	Practical Day	Topic
1 st			1	Introduction to Mach Machines and their
			2	Different Parts of M Working and Safety in the Workshop
			3	Introduction of Tool to be used in Machi
2 nd			1	Introduction to Mach Machines and their
			2	Different Parts of M and Safety Precaut taken in the Worksl
			3	Introduction of Tool to be used in Machi
3 rd			1	Produce a rectangu with a shaper
			2	Produce a rectangu machine with a side cutter
			3	Job Continued
4 th			1	Produce a rectangu with a shaper
			2	Produce a rectangu machine with a side cutter
			3	Job Continued
5 th			1	Prepare a slot on o machine
			2	Job on grinding ma grinder
			3	Job Continued
6 th			1	Prepare a slot on o machine
			2	Job on grinding ma grinder
			3	Job Continued

7 th			1	Prepare a job on cy machine.
			2	Job Continued
			3	Job Continued
8 th			1	Prepare a job on cy machine.
			2	Job Continued

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ls and Equipments ine Shop
ular slot on one face
ular block using a milling e and face
ular slot on one face
ular block using a milling e and face
ne face using milling
chine using a surface
ne face using milling
chine using a surface

/indrical grinding
/indrical grinding

			3
Name of Faculty :			1
			2
			3
Works 10 th			1
			2
			3
11 th			1
			2
			3
12 th			1
			2
			3
13 th			1
			2
			3
14 th			1
			2
			3
15 th			1
			2
			3

Job Continued
Job Continued
Job Continued
Exercise on milling machine with the help of a form cutter
Job Continued
Job Continued
Exercise on milling machine to produce a spur gear
Job Continued
Job Continued
Exercise on milling machine to produce a spur gear
Job Continued
Job Continued
Grinding a drill-bit on tool and cutter grinder
Exercise on dressing a grinding wheel
Job Continued
Grinding a drill-bit on tool and cutter grinder
Exercise on dressing a grinding wheel
Job Continued
Writing and checking of Practical
Job Continued
Job Continued