

## Lesson Plan

Name of Faculty : Satish Tewatia  
 Discipline : Workshop  
 Semester : V  
 Subject : Turning Workshop  
 Lesson Plan Duration : 15 Weeks (From Aug. 2020 to November 2020)

Week	Theory		Practical	
	Lecture Day	Topic (including assignment/test )	Practical Day	Topic
1 <sup>st</sup>			1	JOB-1.Exercise of boring with the help of boring bar.
			2	JOB-1.Exercise of boring with the help of boring bar.
			3	JOB-1.Exercise of boring with the help of boring bar.
2 <sup>nd</sup>			1	JOB-1. Exercise of boring with the help of boring bar.
			2	JOB-1. Exercise of boring with the help of boring bar.
			3	JOB-1. Exercise of boring with the help of boring bar.
3 <sup>rd</sup>			1	JOB-1. Exercise of boring with the help of boring bar.
			2	JOB-1. Exercise of boring with the help of boring bar.
			3	JOB-1.Job Continued
4 <sup>th</sup>			1	JOB-2.Exercise on internal turning on lathe machine.
			2	JOB-2 .Exercise of boring with the help of boring bar.
			3	JOB-2.Exercise of boring with the help of boring bar.
5 <sup>th</sup>			1	JOB-2.Exercise of boring with the help of boring bar.
			2	JOB-2.Exercise of boring with the help of boring bar.
			3	JOB-2.Exercise of boring with the help of boring bar.
6 <sup>th</sup>			1	JOB-2.Exercise of boring with the help of boring bar.
			2	JOB-2.Exercise of boring with the help of boring bar.
			3	JOB-2.Exercise of boring with the help of boring bar.
7 <sup>th</sup>			1	JOB-3.Exercise on internal threading on lathe machine.
			2	JOB-3.Exercise on internal threading on lathe machine.
			3	JOB-3.Exercise on internal threading on lathe machine.
8 <sup>th</sup>			1	JOB-3.Exercise on internal threading on lathe machine.
			2	JOB-3.Exercise on internal threading on lathe machine.

			3	JOB-3.Exercise on internal threading on lathe machine.
9 <sup>th</sup>			1	JOB-3.Exercise on internal threading on lathe machine.
			2	JOB-3.Exercise on internal threading on lathe machine.
			3	JOB-3.Exercise on internal threading on lathe machine.
10 <sup>th</sup>			1	JOB-4.Exercise on external turning with greater finishing/accuracy on lathe machine.
			2	JOB-4.Exercise on external turning with greater finishing/accuracy on lathe machine.
			3	JOB-4.Exercise on external turning with greater finishing/accuracy on lathe machine.
11 <sup>th</sup>			1	JOB-4.Exercise on external turning with greater finishing/accuracy on lathe machine.
			2	JOB-4.Exercise on external turning with greater finishing/accuracy on lathe machine.
			3	JOB-4.Exercise on external turning with greater finishing/accuracy on lathe machine.
12 <sup>th</sup>			1	Exercise on external turning with greater finishing/accuracy on lathe machine.
			2	Exercise on external turning with greater finishing/accuracy on lathe machine.
			3	JOB-4.Exercise on external turning with greater finishing/accuracy on lathe machine.
13 <sup>th</sup>			1	JOB-5. Resharpener of single point cutting tool with given geometry.
			2	JOB-5. Resharpener of single point cutting tool with given geometry.
			3	JOB-5. Resharpener of single point cutting tool with given geometry.
14 <sup>th</sup>			1	JOB-5. Resharpener of single point cutting tool with given geometry.
			2	JOB-5. Resharpener of single point cutting tool with given geometry.
			3	JOB-5. Resharpener of single point cutting tool with given geometry.
15 <sup>th</sup>			1	JOB-5. Resharpener of single point cutting tool with given geometry.
			2	JOB-5. Resharpener of single point cutting tool with given geometry.
			3	JOB-5. Resharpener of single point cutting tool with given geometry.

### **Lesson Plan**

Name of Faculty : Sunil Kumar  
Discipline : Workshop  
Semester : V  
Subject : Machine Workshop  
Lesson Plan Duration : 15 Weeks (From August 2020 to November 2020)

Week	Theory		Practical	
	Lecture Day	Topic (including assignment/test )	Practical Day	Topic
1 <sup>st</sup>			1	JOB-1.Produce a rectangular block by facing on a slotting machine.
			2	JOB-1.Produce a rectangular block by facing on a slotting machine.
			3	JOB-1.Produce a rectangular block by facing on a slotting machine.
2 <sup>nd</sup>			1	JOB-1.Produce a rectangular block by facing on a slotting machine.
			2	JOB-1.Produce a rectangular block by facing on a slotting machine.
			3	JOB-1.Produce a rectangular block by facing on a slotting machine.
3 <sup>rd</sup>			1	JOB-2.Produce a rectangular slot on one face with a slotting cutter.
			2	JOB-2.Produce a rectangular slot on one face with a slotting cutter.
			3	JOB-2.Produce a rectangular slot on one face with a slotting cutter.
4 <sup>th</sup>			1	JOB-2.Produce a rectangular slot on one face with a slotting cutter.
			2	JOB-2.Produce a rectangular slot on one face with a slotting cutter.
			3	JOB-2.Produce a rectangular slot on one face with a slotting cutter.
5 <sup>th</sup>			1	JOB-3.Produce a rectangular block using a milling machine with a side and face cutter.
			2	JOB-3.Produce a rectangular block using a milling machine with a side and face cutter.
			3	JOB-3.Produce a rectangular block using a milling machine with a side and face cutter.
6 <sup>th</sup>			1	JOB-4.Prepare a slot on one face using milling machine.
			2	JOB-4.Prepare a slot on one face using milling machine.
			3	JOB-4.Prepare a slot on one face using milling machine.
7 <sup>th</sup>			1	JOB-5.Job on grinding machine using a surface grinder.
			2	JOB-5.Job on grinding machine using a surface grinder.
			3	JOB-5.Job on grinding machine using a surface grinder.
8 <sup>th</sup>			1	JOB-6.Prepare a job on cylindrical grinding machine.
			2	JOB-6.Prepare a job on cylindrical grinding machine.
			3	JOB-6.Prepare a job on cylindrical grinding machine.

9 <sup>th</sup>			1	JOB-6.Prepare a job on cylindrical grinding machine.
			2	JOB-6.Prepare a job on cylindrical grinding machine.
			3	JOB-6.Prepare a job on cylindrical grinding machine.
10 <sup>th</sup>			1	JOB-7.Exercise on milling machine with the help of a form cutter.
			2	JOB-7.Exercise on milling machine with the help of a form cutter.
			3	JOB-7.Exercise on milling machine with the help of a form cutter.
11 <sup>th</sup>			1	JOB-8.Exercise on milling machine to produce a spur gear.
			2	JOB-8.Exercise on milling machine to produce a spur gear.
			3	JOB-8.Exercise on milling machine to produce a spur gear.
12 <sup>th</sup>			1	JOB-8.Exercise on milling machine to produce a spur gear.
			2	JOB-8.Exercise on milling machine to produce a spur gear.
			3	JOB-8.Exercise on milling machine to produce a spur gear.
13 <sup>th</sup>			1	JOB-8.Exercise on milling machine to produce a spur gear.
			2	JOB-8.Exercise on milling machine to produce a spur gear.
			3	JOB-8.Exercise on milling machine to produce a spur gear.
14 <sup>th</sup>			1	JOB-9.Grinding a drill-bit on tooland cutter grinder.
			2	JOB-9.Grinding a drill-bit on tooland cutter grinder.
			3	JOB-9.Grinding a drill-bit on tooland cutter grinder.
15 <sup>th</sup>			1	JOB-10.Exercise on dressing a grinding wheel.
			2	JOB-10.Exercise on dressing a grinding wheel.
			3	JOB-10.Exercise on dressing a grinding wheel.