

LESSON PLAN

DEPARTMENT OF TEXTILE TECHNOLOGY, ITT, CHOUDWAR

SUBJECT: Workshop Practice-II LAB Periods: 4 per week SEMESTER: 3rd

NAME OF FACULTY: M K JENA / T DEBASIS

No. of weeks/Sem as per SCTE&VT, Odisha Textile Tech/ Engg Syllabus: 15

Week	Class Day	Theory / Practical Topics
1 st	Group-A (02hours)	Study on different types of machine tools, their functions, different tools used and general safety precaution to be observed.
	Group-A (02 hours)	Study on different types of machine tools, their functions, different tools used and general safety precaution to be observed.
	Group-B (02 hours)	Study on different types of machine tools, their functions, different tools used and general safety precaution to be observed.
	Group-B (02 hours)	Study on different types of machine tools, their functions, different tools used and general safety precaution to be observed.
2 nd	Group-A (02 hours)	Study a centre lathe.
	Group-A (02 hours)	Study a centre lathe.
	Group-B (02 hours)	Study a centre lathe.
	Group-B (02 hours)	Study a centre lathe.
3 rd	Group-A (02 hours)	Operate a center lathe on a cylindrical of and perform following Operations turning, taper turning, facing, parting, knurling, chamfering.
	Group-A (02 hours)	Operate a center lathe on a cylindrical of and perform following Operations turning, taper turning, facing, parting, knurling, chamfering.
	Group-B (02 hours)	Operate a center lathe on a cylindrical of and perform following Operations turning, taper turning, facing, parting, knurling, chamfering.
	Group-B (02 hours)	Operate a center lathe on a cylindrical of and perform following Operations turning, taper turning, facing, parting, knurling, chamfering.
4 th	Group-A (02 hours)	Operate a drill machine to perform drilling and counter boring operations on a job.
	Group-A (02 hours)	Operate a drill machine to perform drilling and counter boring operations on a job.
	Group-B (02 hours)	Operate a drill machine to perform drilling and counter boring operations on a job.
	Group-B (02 hours)	Operate a drill machine to perform drilling and counter boring operations on a job.
5 th	Group-A (02 hours)	Observe milling, shaping and grinding operations during demonstration at shop floor.
	Group-A (02 hours)	Observe milling, shaping and grinding operations during demonstration at shop floor.
	Group-B (02 hours)	Observe milling, shaping and grinding operations during demonstration at shop floor.
	Group-B (02 hours)	Observe milling, shaping and grinding operations during demonstration at shop floor.
6 th	Group-A (02 hours)	Prepare a simple wooden pattern and green mould.
	Group-A (02 hours)	Prepare a simple wooden pattern and green mould.
	Group-B (02 hours)	Prepare a simple wooden pattern and green mould.
	Group-B (02 hours)	Prepare a simple wooden pattern and green mould.
7 th	Group-A (02 hours)	Prepare a simple wooden pattern and green mould.
	Group-A (02 hours)	Prepare a simple wooden pattern and green mould.
	Group-B (02 hours)	Prepare a simple wooden pattern and green mould.
	Group-B (02 hours)	Prepare a simple wooden pattern and green mould.
8 th	Group-A (02 hours)	Prepare a simple wooden pattern and green mould.
	Group-A (02 hours)	Study different tools used in forging.
	Group-B (02 hours)	Prepare a simple wooden pattern and green mould.
	Group-B (02 hours)	Study different tools used in forging.
9 th	Group-A (02 hours)	Make a hexagonal chisel.
	Group-A (02 hours)	Prepare a door ring.
	Group-B (02 hours)	Make a hexagonal chisel.
	Group-B (02 hours)	Prepare a door ring.
10 th	Group-A (02 hours)	Prepare a door ring.

	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Prepare a door ring.
	Group-B (02 hours)	Class for any shortfalls/Revision
11 th	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-A (02 hours)	Observe demonstration of different type of welding electrodes.
	Group-B (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Observe demonstration of different type of welding electrodes.
12 th	Group-A (02 hours)	Observe demonstration of different type of welding electrodes.
	Group-A (02 hours)	Observe demonstration of different type of welding electrodes.
	Group-B (02 hours)	Observe demonstration of different type of welding electrodes.
	Group-B (02 hours)	Observe demonstration of different type of welding electrodes.
13 rd	Group-A (02 hours)	Prepare a butt joint and lap joint using Arc welding.
	Group-A (02 hours)	Prepare a butt joint and lap joint using Arc welding.
	Group-B (02 hours)	Prepare a butt joint and lap joint using Arc welding.
	Group-B (02 hours)	Prepare a butt joint and lap joint using Arc welding.
14 th	Group-A (02 hours)	Study different equipments and tools in gas welding.
	Group-A (02 hours)	Prepare a lap joint using gas welding
	Group-B (02 hours)	Study different equipments and tools in gas welding.
	Group-B (02 hours)	Prepare a lap joint using gas welding
15 th	Group-A (02 hours)	Prepare a lap joint using gas welding
	Group-A (02 hours)	Class for any shortfalls/Revision
	Group-B (02 hours)	Prepare a lap joint using gas welding
	Group-B (02 hours)	Class for any shortfalls/Revision