

# GOVT. POLYTECHNIC MANDKOLA

## LESSON PLAN- ELECTRICAL SHOP

NAME : SURESH DEVI  
 DISCIPLINE: WORKSHOP  
 SEMESTER: 2<sup>nd</sup>  
 DURATION: 16 WEEK (06/03/2023 TO 23/06/2023)  
 WORKLOAD PER WEEK (IN HOURS) : 08 HOURS

WEEK NO.	PRACTICAL DAY	PRACTICAL ACCORDING TO SYLLABUS
1 <sup>st</sup>	1 <sup>st</sup>	Safety precautions of concerned shop and use of personal protective equipments.
	2 <sup>nd</sup>	Use of fire extinguisher during electric fire
	3 <sup>rd</sup>	Study the method to take,restoration of person suffering from electric shock
2 <sup>nd</sup>	1 <sup>st</sup>	Identification of common electric materials.
	2 <sup>nd</sup>	Such a wire ,cables and switches
	3 <sup>rd</sup>	Identification 1 POLE,2-POLE,3-POLEMCB,RCCB
3 <sup>rd</sup>	1 <sup>st</sup>	Identification ,use and connection of various type of switches
	2 <sup>nd</sup>	identification of normal minitare toggle and ,slide,push button
	3 <sup>rd</sup>	Piano key,rotary,SPST,SPDT,DPST,DPDT,band selector multi way master main switch
4 <sup>th</sup>	1 <sup>st</sup>	Identification of phase,netural,and earth wire
	2 <sup>nd</sup>	Connection tool domestic electrical appliance and connection
	3 <sup>rd</sup>	Connection to three pin plugs
5 <sup>th</sup>	1 <sup>st</sup>	Identification of following electrical tool
	2 <sup>nd</sup>	Their use,screw driver,plier ,cutter
	3 <sup>rd</sup>	Sniper screw driver l-key, soldering iron
6 <sup>th</sup>	1 <sup>st</sup>	Insulation remover stander wire cage
	2 <sup>nd</sup>	Soldering wire jointing
	3 <sup>rd</sup>	Straight joint, married joint,t joint,western union joint




--	--	--

--	--	--

--	--	--