INDIVIDUAL STUDENT'S REPORT OF DAY SKILL A1:I18H8A1:I22A1:I22A1:I23A1:I24H8A1

Name of the laboratory: ELECTRICAL WIRING

1) Student Details:

Name : SANDHIYA.T
Roll No. : 7376232CS293
Department : COMPUTER SCIENCE AND ENGINEERING Year : FIRST YEAR

2) Training Schedule:

No. of days	Time			
	8.45 - 10.45	**11.00 - 12.30**	**1.30 - 3.15**	**3.15- 4.15**
2 Days	Entry meeting and introduction about the daily task	Planning about the layout design for single phase wiring	Execution of the layout for single phase wiring	Dismantling and conducted assessment for the given task

3)Assessment Schedule:

Date	Time			
	8.45 - 10.45	**11.00 - 12.30**	**1.30 - 3.15**	**3.15- 4.15**
29.02.2024	To develop the single phase wiring for home appliances such as ceiling fan, tube light and a bulb	Wiring the appliances and mounting pipes	Demonstrate single phase wiring	Completion of the task,and submitting the hand book

4) Lab task details:

S.No	Name of the task	Outcome
1 2	Demonstrate surface mounted conduit system with proper junctions and PVC connections. Demonstrate single phase wiring for the surface mounted conduit system.	Understood the concept of conduit system in electrical wiring and came to know the difference between the protection device MCB and ELCB. Understood the difference between phase wire and neutral wire.

5) Process Plan & Execution:

S.NO	Proposed Process Plan	Actual Plan executed
1	Plan the layout and mark the measurements for placing the meter box,MCB,DB and switch box	Planned the layout and marked the measurements for placing the meter box,MCB,DB and switch box
2	Fix the components in the marked places	Fixed the components in the marked places
3	Connect the wires in their respective terminals and mount PVC pipes	Connect the wires in their respective terminals and mounted PVC pipes
4	Insert the wires inside PVC pipes using the spring and then giving connections to the appliances	Inserted the wires inside PVC pipes using the spring and then giving connections to the appliances
5	Connect the wires of the appliances in the respective switches	Connected the wires of the appliances in the respective switches
6	Checking the working of the appliances	Checked the working of the appliances
		
	Student's Signature	

A1:I22A1:I26A1:I24A1:I26+A1:I2

		Duration of the skill : 2 DAYS

6) Reflection (Major problems faced/ Troubleshooting):

S.NO	Problems	Counter measures
1	Faced difficulty in giving connections to the applainces through the mounted PVC pipes.	Resolved by the trainer
2	Faced difficulty in using the drilling machine.	Resolved by the trainer

7) Photographs of the Lab tasks:

8) Assessment (Out of 10):

9) Knowledge acquired from tasks:

Task.No	Skills acquired
1	Learned basics on wiring and mounting
2	Gained experience in giving wiring connections to home appliances

Lab handling faculty's signature