



**ANNEXURE- A**

**Course Title: Install Domestic Electrical Wiring**

<b>Section Heading</b>		<b>Content Guidelines</b>
1.	<b>Course Rationale</b>	This 30-hour course will introduce electrical wiring. Participants will learn the basics of electrical theory and how to install electrical wiring safely and effectively in residential and commercial buildings. Topics covered will include electrical safety, circuit design, wiring methods and materials, and troubleshooting.
2.	<b>Course Details</b>	<p><b><u>Objective:</u></b> The objective of this course is to equip participants with a solid understanding of electrical theory, safety practices, design and installation of electrical circuits, selection of appropriate wiring methods and materials, and troubleshooting common electrical problems in residential and commercial buildings. Upon completion of the course, participants should be able to apply this knowledge to design and install safe and efficient electrical systems in various scenarios.</p> <p><b><u>Training Outcomes:</u></b> Upon completion of this course, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Explain the basics of electrical theory, including Ohm's Law and electrical circuits.</li> <li>2. Understand electrical safety practices and identify potential hazards in wiring installations.</li> <li>3. Design and install electrical circuits in residential and commercial buildings.</li> <li>4. Select appropriate wiring methods and materials for specific applications.</li> <li>5. Troubleshoot common electrical problems in wiring installations.</li> </ol> <p><b><u>Teaching Methods and Materials:</u></b> The course will be taught through a combination of lectures, hands-on exercises, and demonstrations. Participants will have access to wiring tools and materials to practice wiring techniques. Course materials will include a coursebook, handouts, and online resources.</p>

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3.	<b><u>Certification: -</u></b>	<p>The award of the course certification will be done by WSC, Bhubaneswar based on the candidates successfully fulfilling the following criteria:</p> <ul style="list-style-type: none"> <li>• Attendance of at least 100% of the training.</li> <li>• Score at least 60% of the practical assignment; and</li> <li>• Grading: Pass / Fail</li> </ul>
4.	<b>Entry Requirements</b>	Students with basic knowledge of Electrical Engineering, ITI, Diploma, 10 <sup>th</sup> appeared or 12 <sup>th</sup> appeared or any graduates etc.
5.	<b>Batch Size</b>	20
6.	<b>Duration</b>	5 days
7.	<b>Time</b>	10 AM to 5 PM
8.	<b>Course Fee</b>	₹ 1000/- per participant
9.	<b>Name &amp; contact No. of Course director</b>	<b>Satyajit Sahoo Mob No: 9438675502</b>