



# ST. THOMAS COLLEGE PALAI

UGC Approved College with Potential for Excellence  
Reaccredited by NAAC with A Grade (CGPA 3.30)

## Syllabus for Vocational Education and Training (VET) Course

### House Wiring & Troubleshooting

Course Code	:	<b>STCVET103</b>
Course Coordinator	:	<b>Jibin Joseph</b>
		<b>Lecturer</b>
		<b>Department of Vocational Education</b>
Maximum intake	:	<b>100</b>
Eligibility	:	<b><i>Any regular UG or PG student of the College</i></b>

#### **Objective:**

(1) To transfer a general awareness on basic house wiring and electrical safety

Module 1 **Introduction to Electrical Energy:** Definition, Importance of Electricity, Basic Tools and equipments used in electrical maintenance, Electrical Safety, safety equipments used, Electric Shock, awareness

Module 2 **House Wiring:** General Introduction about House Wiring- DB wiring, awareness of safety device used in wiring,

Module 3 **Electrical safety:** General rules regarding electrical safety- earthing system, Fuse, MCB,ELCB,RCCB, RCD, RCB-O etc, Energy Conservation, Electrical energy tariff

Theory: **40%** & Practical: **60%**