



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

Basic House Wiring and Troubleshooting

Course Code	:	STCVE002
Course Coordinator	:	Jibin Joseph
		Lecturer
		Department of Vocational Education
Maximum intake	:	40
Eligibility	:	<i>Any regular UG or PG student of the College</i>

Objectives:

- (1) To familiarize the students with basic house wiring
- (2) To equip students for performing required maintenances in house wiring

Module 1 Introduction:

Fundamentals of basic tools and equipment – Basics of electrical energy – Importance of electrical energy

Module 2 Basic House Wiring:

Safety rules – Hospital wiring – Staircase wiring – Godown wiring

Module 3 Wiring troubleshooting:

Basic household electrical equipment and its working – Protective measures and its working – different types of wires

References *Basic Electrical Engineering: Babujan
Electrical Workshop Guide*

Theory: **50%** & Practical: **50%**