



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

LaTeX for Scientific Documentation

Course Code	:	STCVET105
Course Coordinator	:	Dr. Sunil C Mathew Associate Professor Department of mathematics
Maximum intake	:	40
Eligibility	:	<i>Any regular UG or PG student of the College</i>

Objective:

(1) To make a basic knowledge in Mathematical Typesetting using LaTeX

Module 1 **Formatting commands:** Introduction - Typing ordinary text - Setting margins - Typing mathematical formulas as equations - Including a Matrix - Ordinary Text Aligning - Text within Equations and spacing - Sectioning - Theorem - Footnotes - Page breaks and line breaks - Multi column

Module 2 **Symbols:** Accents, symbols and operators in text and Math mode - Relations - Arrows – Brackets - Trigonometric functions and other functions

Module 3 **Environments:** Array - Table - List - Header – Fonts - Comments - Page settings - Handling graphics - Hyperlinks column

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