ABOUT TIST

Toc H Institute of Science and Technology was established in 2002, and is located in Arakunnam, Ernakulam. The college is headed by Principal Prof.(Dr.) Preethi Thekkath and follows Bloom's Revised Taxonomy for education. TIST is affiliated to A.P.J. Abdul Kalam Technological University (KTU) and supported by AICTE. The college offers 7 B.Tech courses and 7 M.Tech courses. It is one among the 16 engineering colleges in Kerala with NBA accredited programmes in 4 departments, under the self-financing category. We inspire our students to involve in research, innovate and excel, so that they can benefit from valuable hands-on learning opportunities and real world experiences. We are a home to innovative minds making new discoveries and groundbreaking inventions.

ABOUT EEE DEPARTMENT

The Electrical and Electronics Engineering Department of TIST was established in the year 2004. The department offers one B.Tech and one M.Tech programme (Power Electronics). Apart from academics, the department constantly strives to inculcate an awareness and understanding of moral, ethical and professional obligation amongst the youngsters to mould them as employable engineers both for the industry as well as for the society.

ABOUT THE COURSE

LATEX (pronounced either as "Lay-tech" or "Lah-Tech") is a portable document formatting system based on TEX (pronounced as "tech"), a typesetting language especially designed for math and science. It is also a programming language, which means one can create one's own commands to simplify and customize it. TEX and LATEX use by default a font family called "Computer Modern", which includes a variety of styles such as Serif, Sans Serif, Typewriter, and a particularly rich set of mathematical symbols.

COURSE OUTLINE

Session I (Preamble & Structure)
- Document Structure
- Text Formatting
- Lists – Bullets and Numbering
- Sectioning and Chapters

Session II (Math Mode and Algorithms)
- Mathematical Typesets
- Working with images
- Alignments
- Define New Environment

Session III (Tables and Graphics)
- Tables, Tiks, Flowcharts
- CSV File Handling
- Algorithm Writing

Session IV (Academic Documents & Beamer)
- Header & footer
- Bibliography and Citations
- Journal Class (IEEE)
- Report/Thesis
- Beamer

ONE-DAY HANDS-ON TRAINING PROGRAMME ON

LATEX

Date: 23 January, 2019

Organized by,
Department of Electrical & Electronics Engineering, TIST

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