



E2MATRIX

Training and Research Institute

www.e2matrix.com

LATEX COURSE STRUCTURE

LaTeX is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. LaTeX is the de facto standard for the communication and publication of scientific documents. It is a document preparation system for producing professional-looking documents, it is not a word processor. It is particularly suited to producing long, structured documents, and is very good at typesetting equations. It is available as free software for most operating systems.

L^AT_EX

MODULE :1

1. Introduction to Latex (Using PowerPoint Slides)
2. Document Structure:
 - Creating a Title
 - Sections
 - Table of Contents
3. Typesetting Text

- Font Effects
- Font Sizes
- Special Characters

4. Tables

MODULE: 2

1. Introduction to Latex (Using PowerPoint Slides)
2. Document Structure
 - Essentials Creating a Title
 - Sections
 - Table of Contents
3. Typesetting Text
 - Font Effects
 - Coloured Text
 - Font Sizes
 - Lists
 - Comments & Spacing
 - Special Characters

1. Tables
2. Figures
3. Equations
 - Inserting Equations
 - Mathematical Symbol

MODULE: 3

1. Introduction to Latex (Using PowerPoint Slides)
2. Document Structure
 - Essentials
 - Troubleshooting
 - Creating a Title

- Sections
 - Labelling
 - Table of Contents
3. Typesetting Text
- Font Effects
 - Coloured Text
 - Font Sizes
 - Lists
 - Comments & Spacing
 - Special Characters

1. Tables
- Practical
2. Figures
- Practical
3. Equations
- Inserting Equations
 - Mathematical Symbols

MODULE: 4

1. Inserting References
- The BibTeX file
 - Inserting the bibliography
 - Citing references
 - Styles
 - Practical
2. Handling LaTeX Errors
3. Using LaTeX Packages

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