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Electronic Measurements and Instrumentation Notes (EMI)

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PRINCIPLES OF ELECTRICAL MEASUREMENT

Electronic Instrumentation 10IT35 Dept. of ECE-SJBIT Page - 1 - SYLLABUS PART – A UNIT – 1: Introduction (a) Measurement Errors: Gross errors and systematic errors, Absolute and relative errors, Accuracy, Precision, Resolution and Significant figures.

SYLLABUS PART A UNIT 1 - e-Learning

4 Introduction to measurement The first improved measurement unit was a unit of length (the metre) defined as 10⁷ times the polar quadrant of the earth. A platinum bar made to this length was established as a standard of length in the early part of the nineteenth century.

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