

Engineering Graphics :A Comprehensive Study

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Abstract: *Engineering graphics is the universal language of engineers, providing a standardized way to convey complex designs, ideas, and technical data. This paper explores the essential principles and techniques of engineering graphics, covering its importance in engineering education, the use of CAD (Computer-Aided Design) software, orthographic and isometric projections, dimensioning, and the role of technical drawings in various engineering fields. The paper emphasizes the evolving role of graphics with advancements in 3D modeling and simulation technologies*

Keywords: Complex, Design, idea, data, CAD, dimensioning, 3D.