Título: A Textbook Of Engineering Drawing

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This book is meant for the first-year engineering students of all branches. It covers the complete syllabus of Engineering Drawing (Graphics) of various technical universities. Any engineer, irrespective of his branch requires the basic knowledge of design and graphics in order to understand the elements of a product and the manufacturing process. It provides a comprehensive and practical overview of engineering graphics through simple and well-explained examples along with an ample number of unsolved problems. The book is fragmented in17 chapters and contains in depth information on various topics discussed in the respective chapters. Mostly, first angle of projection has been followed while solving problems but in some problems third angle of projection has also been used purposely to explain the concept to the students. The book is linked with a website which will behave as an online portal for students. This website also contains solutions to all the unsolved problems in the book. Every chapter has a unique uniform resource locator (URL), mentioned under the name of each chapter, which simplifies the search for the students. Salient features: Latest BIS Codes are used in (SP46-2003). A chapter on AutoCAD (AutoCAD 2015) for engineering drawing (graphics). The online content is an addition to this book for better understanding and further doubt clearance will also be available on website. Solutions to all the unsolved questions will be explained chapter-wise on Examples are explained in a student-friendly method which includes Step-by-Step approach. The book contains the chapter-end exercises to help students develop their skills. Excellent Pedagogy More than 360 solved examples Large number (666) of illustrative drawings More than 440 review questions (unsolved). Contents: 1. Basics of Engineering Drawing 2. Sheet Layout 3. Conventions 4. Lettering 5. Scales 6. Geometrical Constructions 7. Projections 8. Projections of Points 9. Projection of Lines 10. Projection of Planes 11. Projections of Solids 12. Sections of Solids 13. Development of Surfaces 14. Isometric Projections 15. Engineering Curves 16. Intersection of Solids 17. Basics of AutoCAD® 2015 Index. Audience: All Engineering Students.