Engineering Drawing 1st Year

ENGINEERING DRAWING 1ST YEAR RECAP COLLECTION: UNLOCK THE SIGNIFICANCE IN BITE-SIZED CHUNKS

Welcome to our fascinating publication recap collection. We are excited to introduce you to the world of Engineering Drawing 1st Year summaries and how they can boost your reading experience. As passionate visitors ourselves, we understand the value of diving right into the heart of every tale and uncovering its essence in bite-sized pieces.

Engineering Drawing 1st Year book recap collection offers simply that - a concise and informative summary of the key points and styles of a publication. In today's fast-paced world, we know that time is precious, and our recaps are developed to save you time by providing a fast introduction of Engineering Drawing 1st Year's content and understandings.

Our team of expert writers very carefully curates our publication recap of Engineering Drawing 1st Year collection to guarantee that we provide you with high-grade recaps that catch the significance of each book. Whether you are aiming to explore new categories, discover brand-new writers, or just acquire deeper insights right into your favored publications, our collection has something for everybody.

Join us today and unlock the globe of Engineering Drawing 1st Year recaps. Discover the advantages of condensing complex concepts into easy and easy-to-understand language. Our publication recaps are a fantastic method to broaden your understanding and expand your perspectives without having to invest hours of your time.

Remain tuned as we check out the concept of Engineering Drawing 1st Year, discuss their benefits, and give tips on just how to compose reliable recaps. With our assistance, you'll locate the appropriate book for your passions and unlock a world of knowledge.

EXPLORING BOOK RECAPS OF ENGINEERING DRAWING 1ST YEAR

At our publication recap collection, we strongly believe in the power of checking out Engineering Drawing 1st Year. Not just can this open brand-new understanding and insights, yet it can also save viewers time and assist them choose which publications to invest their time in. Allow's dive into the idea of Engineering Drawing 1st Year recaps and their advantages.

What are publication recaps?

Schedule summaries are compressed variations of a book's key points and themes. They give a fast overview of

Engineering Drawing 1st Year's significance in bite-sized portions. They can range from a few paragraphs to a few pages.

Why are they valuable?

Engineering Drawing 1st Year recaps are beneficial because they enable visitors to get a much deeper understanding of a publication's key points and themes without having to check out the complete publication. They are especially useful for busy people who intend to remain enlightened however may not have the moment to read a whole book of Engineering Drawing 1st Year.

Exactly how can they profit Engineering Drawing 1st Year visitors?

Schedule recaps can profit viewers by conserving time, offering a hassle-free review of Engineering Drawing 1st Year's essence, and assisting visitors establish which books deserve spending more time in. They enable visitors to promptly and easily gain insights and knowledge without needing to commit to reading the complete book of Engineering Drawing 1st Year.

- Saves time
- Gives a quick introduction
- Assists Engineering Drawing 1st Year visitors choose which books to spend even more time in

Stay tuned for our next section where we will dive deeper right into the advantages of Engineering Drawing 1st Year.

BENEFITS OF ENGINEERING DRAWING 1ST YEAR BOOK RECAPS

At our book summary collection, we believe in the countless advantages of reviewing Engineering Drawing 1st Year recaps. Right here are a couple of essential benefits:

- **Time-saving:** With our busy schedules, it can be testing to find time to review every book we desire. Our publication summaries use a quick review of one of the most important points without requiring to spend a number of hours in reading Engineering Drawing 1st Year whole publication.
- **Quick review of Engineering Drawing 1st Year:** If there is a book you have an interest in, however you're uncertain if it's right for you, our publication summaries offer a peek into the author's essences and writing design prior to acquiring the full publication.
- **Improved understanding in Engineering Drawing 1st Year:** For those who have read the whole book, our publication recaps supply a possibility to revitalize your memory and rediscover the key points and motifs.

Generally, book recaps of Engineering

Drawing 1st Year offer a valuable tool to enhance your analysis experience and optimize your time and effort.

JUST HOW TO CREATE A BOOK RECAP OF ENGINEERING DRAWING 1ST YEAR

Writing a book summary may appear like a challenging task, yet it can actually be an enjoyable and gratifying experience. Here are some crucial elements to keep in mind when composing your book summary:

1. **Concentrate on the essence:** The objective of a publication recap is to capture the essence of Engineering Drawing 1st Year in a concise and engaging means. Stay clear of getting captured up in the details and rather concentrate on the key points and themes that the author is trying to communicate.
2. **Maintain it brief:** Engineering Drawing 1st Year recap is indicated to be a fast summary, so keep it brief. Stay with one of the most essential information and avoid going into way too much deepness.
3. **Consist of the major personalities:** Make sure to consist of a short description of the main characters, including their names and any kind of specifying characteristics or attributes.
4. **Highlight the central motifs:** Identify the central styles of Engineering Drawing 1st Year and highlight them in your recap. This will certainly provide visitors a much better concept of what the book is about and what they can anticipate to pick up from it.

By keeping these key elements in mind, you can create an efficient and appealing publication summary that captures the significance of Engineering Drawing 1st Year publication and leaves visitors wanting much more.

FINDING THE RIGHT ENGINEERING DRAWING 1ST YEAR BOOK RECAPS

Are you having a hard time to discover the ideal Engineering Drawing 1st Year summaries for your interests? Do not stress, we've obtained you covered. Right here are some tips on discovering high-quality book summaries:

1. Online Operating systems

One of the easiest ways to locate Engineering Drawing 1st Year recaps is via online platforms. Sites like Blinkist, getAbstract, and Sumizeit supply a variety of recaps for different categories and genres. You can additionally have a look at Amazon Kindle's "Short Reads" area for quick, easy-to-digest recaps.

2. Schedule Review Internet Sites

Book evaluation web sites like Goodreads and BookPage often include summaries together with their evaluations. They can supply a deeper understanding of Engineering Drawing 1st Year story and styles while also using understanding into the viewers's

experience. You can additionally look into their "advised" page to find new recaps.

3. Curated Collections

For visitors that prefer a more personalized touch, curated collections are an excellent choice. These collections are frequently created by sector specialists or enthusiasts and give a list of must-read summaries for different genres. You can locate them on blogs, podcasts, and also social media teams.

With these ideas, you can locate the ideal Engineering Drawing 1st Year book summaries for your interests and choices. Delighted analysis!

A First Year Engineering Drawing ...

Textbook of Engineering Drawing
Salient Features: Provided simple step by step explanations to motivate self study of the subject. Free hand sketching techniques are provided. Worksheets for free hand practice are provided. A new chapter on Computer Aided Design and Drawing (CADD) is added.

Engineering Drawing *Tata McGraw-Hill Education*

Engineering Drawing with CAD Applications *Routledge*
Engineering Drawing with CAD Applications is ideal for any engineering student, needing a user-friendly step-by-step guide to draughting, sketching and drawing. Fully revised to take into account developments in computer aided drawing, and to keep up with British Standards, this guide remains an ideal introduction to the subject. It provides readers with the basic knowledge and skills of draughting and takes them on to more interesting and advanced engineering drawing techniques and procedures. This latest revision of Ostrowsky's popoular Engineering Drawing represents a comprehensive introductory course in engineering drawing and sketching, and is sutiable for a wide range of college and university engineering students. The author concentrates on the techniques fundamental to effective drawing, key knowledge that is needed wether the drawings are carried out by hand, or via a CAD package. Copious illustrations and a clear, step-by-step approach make this book ideal for distance learning and assignment-based study.

A Text Book of Engineering Drawing
S. Chand Publishing
this book includes Geometrical Drawing & Computer Aided Drafting in First Angle Projection. Useful for the students of B.E./B.Tech for different Technological Universities of India. Covers all the topics of engineering drawing with simple explanation.

Engineering Drawing And Graphics
New Age International
This Book Provides A Systematic Account Of The Basic Principles Involved In Engineering Drawing. The Treatment Is Based On The First Angle Projection.Salient Features: * Nomography Explained In Detail. * 555 Self-Explanatory Solved University Problems. * Step-By-Step Procedures. * Side-By-Side Simplified Drawings. * Adopts B.I.S. And I.S.O. Standards. *

1200 Questions Included For Self Test.The Book Would Serve As An Excellent Text For B.E., B.Tech., B.Sc. (Ap. Science) Degree And Diploma Students Of Engineering. Amie Students Would Also Find It Extremely Useful.

Manual of Engineering Drawing

to British and International Standards *Elsevier*
The Manual of Engineering Drawing has long been recognised as the student and practising engineer's guide to producing engineering drawings that comply with ISO and British Standards. The information in this book is equally applicable to any CAD application or manual drawing. The second edition is fully in line with the requirements of the new British Standard BS8888: 2002, and will help engineers, lecturers and students with the transition to the new standards. BS8888 is fully based on the relevant ISO standards, so this book is also ideal for an international readership. The comprehensive scope of this book encompasses topics including orthographic, isometric and oblique projections, electric and hydraulic diagrams, welding and adhesive symbols, and guidance on tolerancing. Written by a member of the ISO committee and a former college lecturer, the Manual of Engineering Drawing combines up-to-the-minute technical accuracy with clear, readable explanations and numerous diagrams. This approach makes this an ideal student text for vocational courses in engineering drawing and undergraduates studying engineering design / product design. Colin Simmons is a member of the BSI and ISO Draughting Committees and an Engineering Standards Consultant. He was formerly Standards Engineer at Lucas CAV. * Fully in line with the latest ISO Standards * A textbook and reference guide for students and engineers involved in design engineering and product design * Written by a former lecturer and a current member of the relevant standards committees

Machine Drawing *New Age International*
About the Book: Written by three distinguished authors with ample academic and teaching experience, this textbook, meant for diploma and degree students of Mechanical Engineering as well as those preparing for AMIE examination, incorporates the latest st

ENGINEERING DRAWING

WITH PRIMER ON AUTOCAD *PHI Learning Pvt. Ltd.*
This self-contained comprehensive book has been written to cover almost all important topics on engineering drawing to introduce polytechnic and undergraduate students of engineering to the standards and convention of technical drawing. Initial chapters of the book cover basics of line work, engineering scales, engineering curves and dimensioning practices. In the next stage, fundamental principles of projection are discussed in detail. Subsequent chapters cover topics on orthographic projections of points, lines, planes and solids. First-angle projections have been adopted throughout the chapters covering orthographic projection. With a strong emphasis on creating accurate and clear drawings, a chapter on AutoCAD software is also included in the book. The chapter is organized such that it describes the application of the software presenting

and applying these standards. More importantly, all the elaborations of the software are alone making use of screen captures taken from the AutoCAD screen so that a novice user will be able to understand its application easily. A large number of solved examples with detailed steps examining methods for solving them have been incorporated to help students solve the unsolved problems.

ENGINEERING GRAPHICS

FOR DIPLOMA *PHI Learning Pvt. Ltd.*
This book provides a detailed study of geometrical drawing through simple and well-explained worked-out examples and exercises. This book is designed for students of first year Engineering Diploma course, irrespective of their branches of study. The book is divided into seven modules. Module A covers the fundamentals of manual drafting, lettering, freehand sketching and dimensioning of views. Module B describes two-dimensional drawings like geometrical constructions, conics, miscellaneous curves and scales. Three-dimensional drawings, such as projections of points, lines, plane lamina, geometrical solids and their different sections are well-explained in Module C. Module D deals with intersection of surfaces and their developments. Drawing of pictorial views is illustrated in Module E, which includes isometric projection, oblique projection and perspective projections. The fundamentals of machine drawing are covered in Module F. Finally, in Module G, the book introduces computer-aided drafting (CAD) to make the readers familiar with the state-of-the-art techniques of drafting. KEY FEATURES : Follows the International Standard Organization (ISO) code of practice for drawing. Includes a large number of dimensioned illustrations, worked-out examples, and Polytechnic questions and answers to explain the geometrical drawing process. Contains chapter-end exercises to help students develop their drawing skills.

Engineering Drawing *Pearson Education India*
Engineering Drawing, 2e continues to cover all the fundamental topics of the field, while maintaining its unique focus on the logic behind each concept and method. Based on extensive market research and reviews of the first edition, this edition includes a new chapter on scales, the latest version of AutoCAD, and new pedagogy. The coverage of topics has been made more clear and concise through over 300 solved examples and exercises, with new problems added to help students work progressively through them. Combining technical accuracy with readable explanations, this book will be invaluable to both first-year undergraduate engineering students as well as those preparing for professional exams.

Engineering Drawing for Manufacture *Elsevier*
The processes of manufacture and assembly are based on the communication of engineering information via drawing. These drawings follow rules laid down in national and international standards. The organisation responsible for the international rules is the International Standards Organisation (ISO). There are hundreds of ISO standards on engineering drawing because drawing is very complicated and accurate transfer of information must be guaranteed. The information contained in an engineering drawing is a

legal specification, which contractor and sub-contractor agree to in a binding contract. The ISO standards are designed to be independent of any one language and thus much symbology is used to overcome any reliance on any language. Companies can only operate efficiently if they can guarantee the correct transmission of engineering design information for manufacturing and assembly. This book is a short introduction to the subject of engineering drawing for manufacture. It should be noted that standards are updated on a 5-year rolling programme and therefore students of engineering drawing need to be aware of the latest standards. This book is unique in that it introduces the subject of engineering drawing in the context of standards.

ENGINEERING GRAPHICS WITH AUTOCAD *PHI Learning Pvt. Ltd.*
Designed as a text for the undergraduate students of all branches of engineering, this compendium gives an opportunity to learn and apply the popular drafting software AutoCAD in designing projects. The textbook is organized in three comprehensive parts. Part I (AutoCAD) deals with the basic commands of AutoCAD, a popular drafting software used by engineers and architects. Part II (Projection Techniques) contains various projection techniques used in engineering for technical drawings. These techniques have been explained with a number of line diagrams to make them simple to the students. Part III (Descriptive Geometry), mainly deals with 3-D objects that require imagination. The accompanying CD contains the animations using creative multimedia and PowerPoint presentations for all chapters. In a nutshell, this textbook will help students maintain their cutting edge in the professional job market. KEY FEATURES : Explains fundamentals of imagination skill in generic and basic forms to crystallize concepts. Includes chapters on aspects of technical drawing and AutoCAD as a tool. Treats problems in the third angle as well as first angle methods of projection in line with the revised code of Indian Standard Code of Practice for General Drawing.

Engineering Drawing

Plane and Solid Geometry

Engineering Drawing from the Beginning

The Commonwealth and International Library: Mechanical Engineering Division *Elsevier*
Engineering Drawing: From the Beginning, Volume 1 discusses the basic concepts in engineering drawing. The book illustrates the drawings presented in both first angle (English) projection and third angle (American) projection. The opening chapter discusses the equipment utilized in engineering drawing, and then proceeds to discussing the concepts and methods in engineering drawing. The coverage of the text includes geometrical constructions, projection, and dimensioning. The book will be of great interest to anyone who wants to get acquainted with the basics of engineering drawing.

Textbook of Engineering Drawing

ENGINEERING GRAPHICS FOR DEGREE *PHI Learning Pvt. Ltd.*
This book provides a detailed study of geometrical drawing through simple and

well-explained worked-out examples. It is designed for first-year engineering students of all branches. The book is divided into seven modules. A topic is introduced in each chapter of a module with brief explanations and necessary pictorial views. Then it is discussed in detail through a number of worked-out examples, which are explained using step-by-step procedure and illustrating drawings. Module A covers the fundamentals of manual drafting, lettering, freehand sketching and dimensioning of views. Module B describes two-dimensional drawings like geometrical constructions, conics, miscellaneous curves and scales. Three-dimensional drawings, such as projections of points, lines, plane lamina, geometrical solids and sections of them are well explained in Module C. Module D deals with intersection of surfaces and their developments. Drawing of pictorial views is illustrated in Module E, which includes isometric projection, oblique projection and perspective projections. Module F covers the fundamentals of machine drawing. Finally, in Module G the book introduces computer-aided drafting (CAD) to make the readers familiar with the state-of-the-art techniques of drafting. Key Features : Follows the International Standard Organization (ISO) code of practice for drawing. Includes a large number of dimensioned illustrations, worked-out examples, and university questions and answers to explain the geometrical drawing process. Contains chapter-end exercises to help students develop their drawing skills.

Engineering Drawing from the Beginning

On engineering drawing

Addresses and Proceedings - National Education Association of the United States

Vols. for 1866-70 include Proceedings of the American Normal School Association; 1866-69 include Proceedings of the National Association of School Superintendents; 1870 includes Addresses and journal of proceedings of the Central College Association.

The Journal of Proceedings and Addresses of the National Educational Association

Geometric and Engineering Drawing *Routledge*

For all students and lecturers of basic engineering and technical drawing The new edition of this successful text describes all the geometric instructions and engineering drawing information, likely to be needed by anyone preparing or interpreting drawings or designs. There are also plenty of exercises to practise these principles.

Proceedings

Fundamentals of Engineering Drawing *S. Chand Publishing*

The new book Fundamentals of Engineering Drawing for polytechnics. For 1 yr polytechnic students of all states of India. In accordance with the Bureau of Indian Standards (BIS) SP :46-1988 and IS :696-1972. Simple and Lucid Language with systematic development of subject matter. More than 2000 illustrations were given with proper explanation.

Electrical Engineering Drawing *New Age International*

Electrical Drawing Is An Important Engineering Subject Taught To

Electrical/Electronics Engineering Students Both At Degree And Diploma Level Institutions. The Course Content Generally Covers Assembly And Working Drawings Of Electrical Machines And Machine Parts, Drawing Of Electrical Circuits, Instruments And Components. The Contents Of This Book Have Been Prepared By Consulting The Syllabus Of Various State Boards Of Technical Education As Also Of Different Engineering Colleges. This Book Has Nine Chapters. Chapter I Provides Latest Informations About Drawing Sheets, Lettering, Dimensioning, Method Of Projections, Sectional Views Including Assembly And Working Drawings Of Simple Electrical And Mechanical Items With Plenty Of Solved Examples.The Second Chapter Deals With Drawing Of Commonly Used Electrical Instruments, Their Method Of Connection And Of Instrument Parts. Chapter Iii Deals With Mechanical Drawings Of Electrical Machines And Machine Parts. The Details Include Drawings Of D.C. Machines, Induction Machines, Synchronous Machines, Fractional Kw Motors And Transformers. Chapter Iv Includes Panel Board Wiring Diagrams. The Fifth Chapter Is Devoted To Winding Diagrams Of D.C. And A.C. Machines. Chapter Vi And Vii Include Drawings Of Transmission And Distribution Line Accessories, Supports, Etc. As Also Plant And Substation Layout Diagrams.Miscellaneous Drawing Like Drawings Of Earth Electrodes, Circuit Breakers, Lighting Arresters, Etc. Have Been Dealt With In Chapter Viii. Graded Exercises With Feedback On Reading And Interpreting Engineering Drawings Covering The Entire Course Content Have Been Included In Ix Providing Ample Opportunities To The Learner To Practice On Such Graded Exercises And Receive Feedback. Chapter X Includes Drawings Of Electronic Circuits And Components. This Book, Unlike Some Of The Available Books In The Market, Contains A Large Number Of Solved Examples Which Would Help Students Understand The Subject Better. Explanations Are Very Simple And Easy To Understand.Reference To Norms And Standards Have Been Made At Appropriate Places. Students Will Find This Book Useful Not Only For Passing Examinations But Even More In Reading And Interpreting Engineering Drawings During Their Professional Career.

Parliamentary Papers

Sessional papers. Inventory control record 1

Sessional Papers

Art and Industry: (1898) Industrial and technical training in schools of technology and in U.S. land grant colleges

Basic Engineering Drawing *Longman Publishing Group*

Basic Engineering Drawing will provide an ideal 'lead-in' and accompaniment to Computer Aided Design, as virtually all of the exercises can be transferred to the screen. The rules of engineering drawing are the same at whatever level they are used and this book will be suitable for a range of courses from GCSE Craft Design and Technology through CGLI ad BTEC to Degree (especially where students need to acquire a knowledge quickly). Excellent for self-study, many of the exercises can be completed by tracing which will improve the students' sketching skills.

The Mechanical Engineering Drawing Desk Reference

Creating and Understanding ISO Standard Technical Drawings *CreateSpace*
"Focusing on the technical drawing aspect of mechanical engineering design, the book shows exactly how to create technical drawings to a professional standard with 'As drawn' examples throughout which clearly show the layout and dimensions needed for your drawing, these are accompanied by notes which clearly explain the dimensioned features."-- Back cover.

Senate Documents, Otherwise Publ. as Public Documents and Executive Documents

14th Congress, 1st Session-48th Congress, 2nd Session and Special Session

Engineering Graphics Essentials with AutoCAD 2018 Instruction *SDC Publications*
Engineering Graphics Essentials with AutoCAD 2018 Instruction gives students a basic understanding of how to create and read engineering drawings by presenting principles in a logical and easy to understand manner. It covers the main topics of engineering graphics, including tolerancing and fasteners, while also teaching students the fundamentals of AutoCAD 2018. This book features independent learning material containing supplemental content to further reinforce these principles. Through its many different exercises this text is designed to encourage students to interact with the instructor during lectures, and it will give students a superior understanding of engineering graphics and AutoCAD. The independent learning material allows students to go through the topics of the book independently. The main content of the material contains pages that summarize the topics covered in the book. Each page has voice over content that simulates a lecture environment. There are also interactive examples that allow students to go through the instructor led and in-class student exercises found in the book on their own. Video examples are also included to supplement the learning process.

Engineering Graphic Modelling

A Workbook for Design Engineers *Elsevier*
Engineering Graphic Modelling: A Practical Guide to Drawing and Design covers how engineering drawing relates to the design activity. The book describes modeled properties, such as the function, structure, form, material, dimension, and surface, as well as the coordinates, symbols, and types of projection of the drawing code. The text provides drawing techniques, such as freehand sketching, bold freehand drawing, drawing with a straightedge, a draughting machine or a plotter, and use of templates, and then describes the types of drawing. Graphic designers, design engineers, mechanical engineers, and draughtsmen will find this book invaluable.

Study of Engineering and Career

A Career Guidance Hand Book for Engineering Students *Notion Press*
There are many ways to apply knowledge to achieve a successful career. Different people have used different ideologies get to the top. What

are the characteristics that will help you achieve success? This book caters not only to students stepping into the engineering fields or the corporate world for the first time but also to those who are stuck in the wrong profession. The book highlights the importance of knowing your field of education, the importance of personality, finding the right opportunity in different fields of work, choosing the right first employer, and other important decisions related to your career. This book is an essential read for anyone who wants to enter the field of engineering. The volume includes a good number of illustrations with detailed notes.

Visualization, Modeling, and Graphics for Engineering Design *Cengage Learning*

A new book for a new generation of engineering professionals, Visualization, Modeling, and Graphics for Engineering Design was written from the ground up to take a brand-new approach to graphic communication within the context of engineering design and creativity. With a blend of modern and traditional topics, this text recognizes how computer modeling techniques have changed the engineering design process. From this new perspective, the text is able to focus on the evolved design process, including the critical phases of creative thinking, product ideation, and advanced analysis techniques. Focusing on design and design communication rather than drafting techniques and standards, it goes beyond the what to explain the why of engineering graphics. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Manual of Engineering Drawing

Technical Product Specification and Documentation to British and International Standards *Butterworth-Heinemann*

The Manual of Engineering Drawing has long been the recognised as a guide for practicing and student engineers to producing engineering drawings and annotated 3D models that comply with the latest British and ISO Standards of Technical Product Specifications and Documentation. This new edition has been updated to include the requirements of BS8888 2008 and the relevant ISO Standards, and is ideal for International readership; it includes a guide to the fundamental differences between the ISO and ASME Standards relating to Technical Product Specification and Documentation. Equally applicable to CAD and manual drawing it includes the latest development in 3D annotation and the specification of surface texture. The Duality Principle is introduced as this important concept is still very relevant in the new world of 3D Technical Product Specification. Written by members of BSI and ISO committees and a former college lecturer, the Manual of Engineering Drawing combines up to the minute technical information with clear, readable explanations and numerous diagrams and traditional geometrical construction techniques rarely taught in schools and colleges. This approach makes this manual an ideal companion for students studying vocational courses in Technical Product Specification, undergraduates studying engineering or product design and any budding engineer beginning a career in design. The comprehensive scope of this new edition encompasses topics such as

orthographic and pictorial projections, dimensional, geometrical and surface tolerancing, 3D annotation and the duality principle, along with numerous examples of electrical and hydraulic diagrams with symbols and applications of cams, bearings, welding and adhesives. * The definitive guide to draughting to the latest ISO and ASME standards * An essential reference for engineers, and students, involved in design engineering and product design * Written by two ISO committee members and practising engineers.

Engineering Drawing

Problem series 3 *Pearson College Division*

TEXTBOOK OF ENGINEERING DRAWING.

Professional Ethics and Human Values *Firewall Media*

Engineering Drawing *Oxford University Press, USA*
Engineering Drawing is a textbook designed for the students of all engineering disciplines to develop a spatial bent of mind to observe, visualize, and understand the structure of objects from different perspectives. This ability forms the central idea of design and development of all engineering products. Beginning with the basics, such as BIS conventions, geometrical constructions, and scales, the book presents a detailed chapter on Visualization Concepts and Freehand Sketching, which lays the foundation to understand the subsequent chapters on orthographic projections, projection of points, lines, planes, and solids. These chapters ease the complexity of understanding further chapters such as intersection of solids, surfaces, and development of surfaces. The last few chapters discuss isometric projections, transformation of projections, perspective projections, and finally computer-aided drafting that briefs the reader about the utility of AutoCAD 2015 tools in drawing. The book provides a number of example problems, step-by-step procedure for solutions, numerous graded practice exercises, and multiple-choice questions.