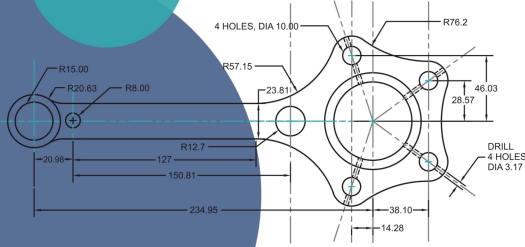


అఖిల భారత సాంకేతిక విద్యా మండలి (AICTE) ఉమ్మడి నమూనా పాఠ్య ప్రణాళిక ప్రకారం

ఫలిత ఆధార విద్యను అనుసరించి

జాతీయ విద్యా విధానం (NEP) 2020

# ఇంజనీరింగ్ గ్రాఫిక్స్



కె. కె. జైన్

శరద్ కె. ప్రధాన్

## Engineering Graphics

Author : K. K. Jain

ISBN 13 : 978-93-91505-71-4

ISBN 10 : 93-91505-71-6

E-ISBN 13 : 978-93-91505-71-4

Edition : 1

Pages : 332

Type of book : Paperback

Weight (g) : 400.00

Year : 2025

Language : Telugu

Publisher : Khanna Publishing House

Regular Price : Rs 398.00

Sale Price : Rs 318.40

Categories : [AICTE Prescribed Textbooks](#), [All books](#), [Telugu Books](#)

Condition Type : New

Country Origin : India

## Product Description

This textbook "Engineering Graphics and Design" is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples. Salient Features: 1. Introduction of Engineering Drawing. 2. Orthographic Projection. 3. Projection of Solids. 4. Section of Solids and Development of Surfaces. 5. Isometric



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**Acknowledgement,**

**Preface,**

**Outcome Based Educations,**

**Course Outcomes,**

**Abbreviations and Symbols,**

**List of Figures,**

**List of tables Guidelines for Teachers,**

**Guidelines for Students**

**UNIT 1:** Basic Elements of Drawing.

**UNIT 2:** Orthographic Projections.

**UNIT 3:** Isometric Projections.

**UNIT 4:** Free Hand Sketches of Engineering Elements.

**UNIT 5:** Computer Aided Drafting Interface.

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## Authors

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**Sharad K. Pradhan**

**K. K. Jain**

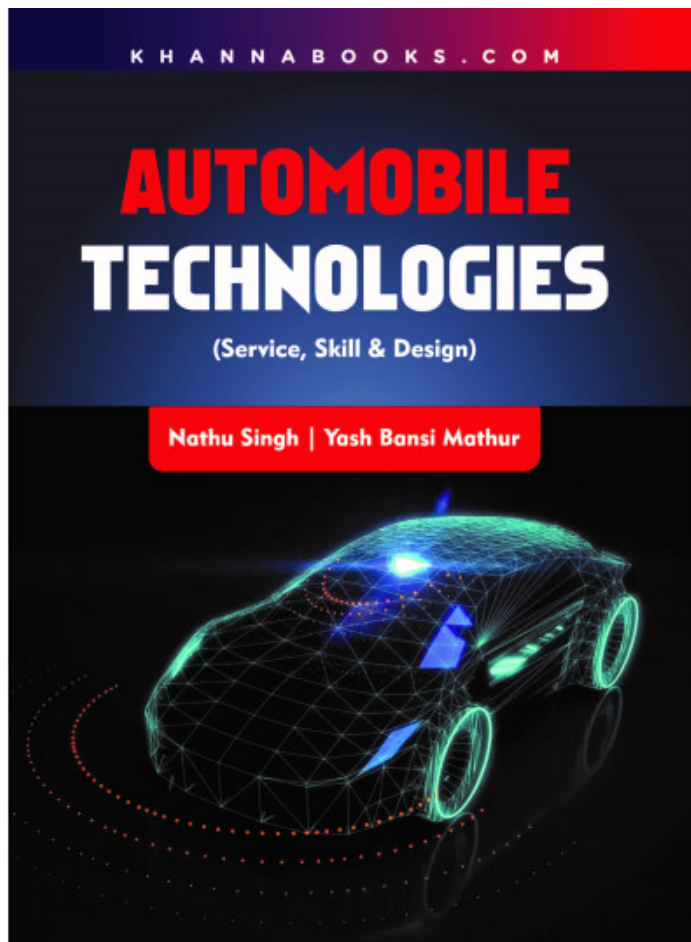
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## Automobile Technologies (Service, Skill & Design)

**Author :** Nathu Singh

**ISBN 13 :** 978-93-55380-48-7

**ISBN 10 :** 93-55380-48-8

**E-ISBN 13 :** 978-93-55380-48-7

**Edition :** First

**Pages :** 332

**Type of book :** Paperback

**Weight (g) :** 460.00

**Year :** 2023

**Language :** English

**Publisher :** Khanna Publishing House

**Regular Price :** Rs-299.00

**Sale Price :** Rs 239.20

**Categories :** [All books](#), [Automobile Engineering](#), [Mechanical Engineering](#), [New Arrivals](#)

**SKU :** 1725591388

**Condition Type :** New

**Country Origin :** India

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## Product Description

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To award Certificate/Diploma/Advanced Diploma/ Degree level Professional courses to the technicians and engineers and to provide vertical mobility vertical mobility in the Service, Skills and Design stream of automotive sector, some model curriculum has been designed by the Technical Boards and Technical Universities has included in the book. The book consists of Motor Vehicle Technology, Automotive Systems, Drawing and Design. These systems are very useful for all level of technicians covering some practical and theoretical knowledge and technics of Automotive field. After studying the book, the person would acquire relevant and appropriate technical skill together with the professional competencies in the automotive fields, so that he may properly prepare to take gainful employment in the field.



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**Chapter 18:** Drafting of Sectional Views of the Main Assemblies.

**Chapter 19:** Vehicle Depot Organization.

**Chapter 20:** Design of the Main Components of an Automobile Engine.



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