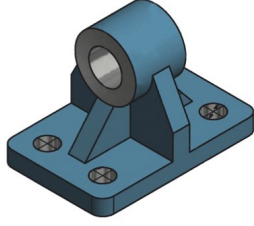
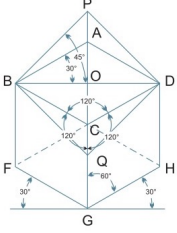


மாதிரி பாடத்திட்டத்தின்படி AICTE - ஆல் பரிந்துரைக்கப்பட்ட பாடப்புத்தகம்

வெளிப்பாடு அடிப்படையிலான கல்வியின்படி வடிவமைக்கப்பட்டது தேசிய கல்விக் கொள்கை 2020

# பொறியியல்

## வரைகலை & வடிவமைப்பு



## Engineering Graphics & Design (Tamil) (UG017TA)

Author : Pradeep Jain

ISBN 13 : 978-93-91505-68-4

ISBN 10 : 93-91505-68-6

E-ISBN 13 : 978-93-91505-68-4

Edition : First

Pages : 272

Type of book : Paperback

Year : 2022

Language : Tamil

Publisher : Khanna Publishing House

Regular Price : Rs 352.00

Sale Price : Rs 281.60

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

Condition Type : New

Country Origin : India



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## 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 Projection 6. Overview of Computer Graphics 7. CAD Drawing 8. Solid Modelling 9. Team Design Project.



---

## Table of Contents

---

Foreword  
Acknowledgement  
Preface  
Outcome Based Education  
Course Outcomes  
Abbreviations and Symbols  
List of Figures  
List of Tables  
Guidelines for Teacher  
Guidelines for Students  
1. Introduction of Engineering Drawing  
2. Orthographic Projection  
3. Projection of Solids  
4. Sectional Views of Solids  
5. Isometric Projection  
6. Overview of Computer Graphics  
7. Customisation & CAD  
8. Annotation Layers and 3D Modelling  
9. Projects  
Reference  
CO and Po Attainment Table  
Index.

---

## Author

---

**Pradeep Jain** Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.

---



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320