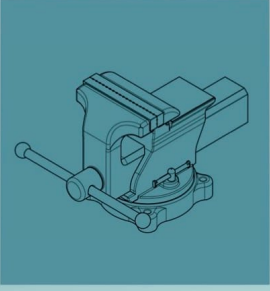


மாதிரி பாடத்திட்டத்தின்படி AICTE - ஆல் பரிந்துரைக்கப்பட்ட பாடப்புத்தகம்

வெளிப்பாடு அடிப்படையிலான கல்வியின்படி வடிவமைக்கப்பட்டது தேசிய கல்விக் கொள்கை 2020

பணிமனை / உற்பத்தி முறைகள்

(ஆய்வக கையேட்டுடன்)



வீரண் ணா டி. கெஞ்சக்கனவர்

Workshop / Manufacturing Practices (with Lab Manual)

Author :	Veerana D.K.
ISBN 13 :	978-93-91505-74-5
ISBN 10 :	93-91505-74-0
E-ISBN 13 :	978-93-91505-74-5
Edition :	First
Pages :	252
Type of book :	Paperback
Year :	2022
Language :	Tamil
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Ebooks , Tamil Books
Condition Type :	New
Country Origin :	India

Product Description

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations. Salient Features: 1. Manufacturing Methods 2. CNC Machining, Additive manufacturing 3. Fitting operations & power tools 4. Electrical & Electronic 5. Carpentry 6. Plastic mounding, glass cutting 7. Metal casting 8. Welding (arc welding & gas welding), brazing 9. Laboratory experiments and models Appendices References



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

Part- A: Manufacturing Practices

Chapter 1: Manufacturing Methods.

Chapter 2: CNC Machining, Additive manufacturing, Fitting operations & power tools

Chapter 3: Electrical & Electronic

Chapter 4: Carpentry, Plastic molding, glass cutting.

Chapter 5: Metal casting, welding (arc welding & gas welding), brazing

Part- B: Workshop Practice Laboratory

Appendices

References

Author

Veerana D.K.



Khanna Publishing House

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

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