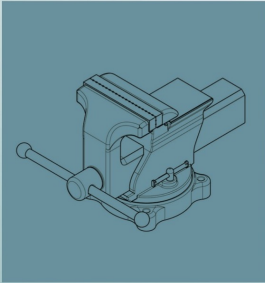


AICTE PRESCRIBED TEXTBOOK AS PER MODEL CURRICULUM

Aligned with Outcome Based Education

National Education Policy 2020

WORKSHOP / MANUFACTURING PRACTICES

WITH LAB MANUAL

Veeranna D. Kenchakkanavar

Workshop / Manufacturing Practices (with Lab Manual)

Author : Veerana D.K.**ISBN 13 :** 978-93-91505-33-2**ISBN 10 :** 93-91505-33-3**E-ISBN 13 :** 978-93-91505-33-2**Edition :** First**Pages :** 172**Type of book :** Paperback**Year :** 2022**Language :** English**Publisher :** Khanna Publishing House**Regular Price :** Rs 248.00**Sale Price :** Rs 198.40**Categories :** [AICTE Prescribed Textbooks](#), [All books](#), [English Books](#)**Condition Type :** New**Country Origin :** India**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

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 followed 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 moulding, glass cutting 7. Metal casting 8. Welding (arc welding & gas welding), brazing 9. Laboratory experiments and models 10. Appendices 11. 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