

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

ఫలిత ఆధార విద్యను అనుసరించి

జాతీయ విద్యా విధానం (NEP) 2020

ఇంజనీరింగ్ వర్క్‌షాప్ ప్రాక్టీస్



ఎ. కె. సారథి

Engineering Workshop Practice

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ISBN 13 :	978-93-91505-79-0
ISBN 10 :	93-91505-79-1
E-ISBN 13 :	978-93-91505-79-0
Edition :	1
Pages :	212
Type of book :	Paperback
Weight (g) :	300
Year :	2025
Language :	Telugu
Publisher :	Khanna Publishing House
M.R.P :	Rs 264.00
Categories :	AICTE Prescribed Textbooks, Telugu Books
Condition Type :	New
Country Origin :	India

Product Description

“ Engineering Workshop Practice Manual” is a common paper for the first year Diploma course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE and academic content is amalgamated with the concept of outcome based education. Engineering Workshop Practice manual covers five units- First unit deals with the carpentry, second unit is about fitting , third unit focuses on welding, fourth units discusses about sheet metal working and the fifth unit deals with electrical house wiring . The manual comprises of total seventeen workshop practical from P1 to P17 and the same are arranged in hierarchical manner from simple to complex so that students should not only focus on completing the practical and getting the marks/ grades but will also be motivated to create useful products incorporating their creative and critical thinking as well. Some salient features of the book: 1. Content of the manual aligned with the mapping of Course Outcomes, Programs Outcomes and practical outcomes. 2. Relevant theory has been included at the beginning of each practical. 3. The manual has been developed to ensure alignment with the Outcome Based Education philosophy and consisting of total seventeen workshop practical. 4. Unit wise practical are arranged in hierarchical manner from simple to complex. 5. Manual provides recent information and QR Code for E-resources etc. 6. Figures, photographs and table are inserted to improve clarity of the content.

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Unit 2: Fitting.

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Unit 4: Sheet Metal Working.

Unit 5: Electrical House Wiring.

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