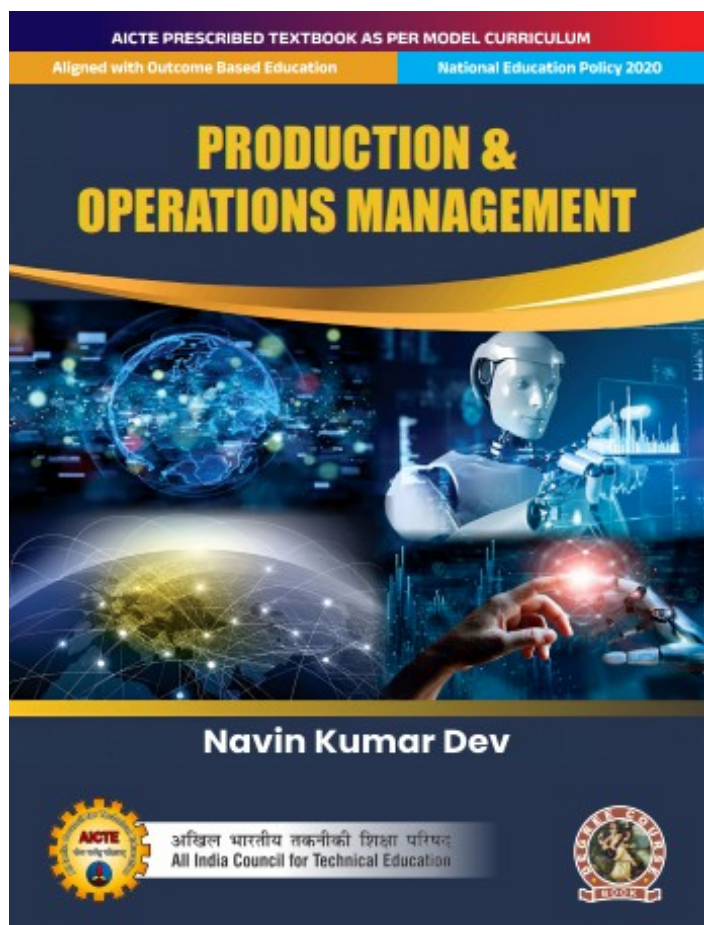




Production & Operation Management

Author :	Navin Kumar Dev
ISBN 13 :	978-93-55384-58-4
ISBN 10 :	93-55384-58-0
E-ISBN 13 :	978-93-55384-58-4
Edition :	First
Pages :	796
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 899.00
Categories :	AICTE Prescribed Textbooks, English Books
Condition Type :	New
Country Origin :	India

Product Description

Production & Operation Management This book provides a comprehensive and in-depth exploration of Production Management, Project Management, Production Planning and Control, Digitalization in Factory Management, and Operations Research. It presents practical techniques and methodologies to address related challenges, offering clear, step-by-step solutions. With its systematic approach and detailed coverage, this book stands as an invaluable resource for mastering the subject. Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes, and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of information, interesting facts, QR codes for e-resources, QR codes for advance and contemporary techniques, etc.
- Student and teacher centric subject materials included in the book with balanced and chronological manner.
- Figures, tables, and pictures are inserted to improve the clarity of the topics.
- Apart from the essential information a “Along the...” section is also provided after the concerned topic to extend the learning beyond syllabus.
- Multiple Choice Questions, Short Answer Questions, and Long Answer Questions are given as the exercises for practice of students after every unit.
- Solved and Unsolved problems including numerical examples of the concerned topics are given for practice of students in a systematic manner.



Table of Contents

Foreword Acknowledgement Preface Outcome Based Education Course Outcomes Guidelines For Teachers Guidelines For Students Abbreviations and symbols List Of Figures List of Tables

- Introduction to production and operations management
- Project management
- Project scheduling and closure
- Production planning and control
- Aggregate and Resource Planning
- Inventory management
- Just-in-time systems
- Supply chain management
- Forecasting
- Facility layout
- Material Handling
- Lean and green manufacturing
- Process analysis and quality design
- Total Quality management
- Digitalization and advanced factory system
- Human Resource Management & Safety norms
- Linear programming
- Transportation and assignment problems
- Queuing analysis
- Network flow models

CO and PO Attainment Table Index

Author

Dr. Navin Kumar Dev Asst. Professor Dayalbagh Educational Institute Uttar Pradesh



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