

Industrial Management Engineering By O P Khanna

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Industrial Engineering and Production Management Martand Telsang 2006

Industrial Organization and Management S. K. Basu 2012
Handbook of Industrial Engineering Equations, Formulas, and Calculations Adedeji B. Badiru 2010-09-17 The first handbook to focus exclusively on industrial engineering calculations with a correlation to applications, Handbook of Industrial Engineering Equations, Formulas, and Calculations contains a general collection of the mathematical equations often used in the practice of industrial engineering. Many books cover individual areas of engineering

Management Concepts for Civil Engineers K. Anbuvelan 2005

Management and Entrepreneurship 2009-01-01 About the Book: Of late, academicians of technical education have felt the importance of 'Management' and 'Entrepreneurship'. Engineers need to manage their departments/sections/subordinates, and Entrepreneurship helps the large pool of technical manpower in developing small-scale industries in high tech areas thereby contributing to the economy of the country. This book covers both 'Management' and 'Entrepreneurship'. The first chapters of this book deal with Management, Planning, Organizing and Staffing, Directing and Controlling. The last four chapters deal with Entrepreneurship, Small-Scale Industries, Institutional support and Project formulation. Adequate number of simple examples with which the students are familiar are included in each chapter. In addition, each chapter contains student learning activities to give the readers a chance to enhance the learning process. Though the book is written keeping in mind the syllabus of Visvesvaraya Technological University, yet it is useful for B.Com, BBM, DBM, PGDBM and MBA students also.

Contents: Management Planning Organizing and Staffing Directing and Controlling Entrepreneurship Small-Scale Industries Institutional Support Preparation of Project.
Objective Electrical Technology Rohit Mehta 2008 In the present edition, authors have made sincere efforts to make the book up-to-date. A notable feature is the inclusion of two chapters on Power System. It is hoped that this edition will serve the readers in a more useful way.

GIS and Crime Mapping Spencer Chainey 2013-04-26 The growing potential of GIS for supporting policing and crimereduction is now being recognised by a broader community. GIS can be employed at different levels to support operational policing, tactical crime mapping, detection, and wider-ranging strategicanalyses. With the use of GIS for crime mapping increasing, thisbook provides a definitive reference. GIS and Crime Mapping provides essential information andreference material to support readers in developing andimplementing crime mapping. Relevant case studies help demonstratethe key principles, concepts and applications of crime mapping. This book combines the topics of theoretical principles, GIS, analytical techniques, data processing solutions, informationsharing, problem-solving approaches, map design, and organisationalstructures for using crime

mapping for policing and crimereduction. Delivered in an accessible style, topics are covered ina manner that underpins crime mapping use in the three broad areasof operations, tactics and strategy. Provides a complete start-to-finish coverage of crime mapping, including theory, scientific methodologies, analysis techniques anddesign principles. Includes a comprehensive presentation of crime mappingapplications for operational, tactical and strategic purposes. Includes global case studies and examples to demonstrate goodpractice. Co-authored by Spencer Chainey, a leading researcher andconsultant on GIS and crime mapping, and Jerry Ratcliffe, a renowned professor and former police officer. This book is essential reading for crime analysts and otherprofessionals working in intelligence roles in law enforcement orcrime reduction, at the local, regional and national governmentlevels. It is also an excellent reference for undergraduateand Masters students taking courses in GIS, Geomatics, CrimeMapping, Crime Science, Criminal Justice and Criminology.
Optimization and Business Improvement Studies in Upstream Oil and Gas Industry Sanjib Chowdhury 2016-08-03 Delves into the core and functional areas in the upstream oil and gas industry covering a wide range of operations and processes Oil and gas exploration and production (E&P) activities are costly, risky and technology-intensive. With the rise in global demand for oil and fast depletion of easy reserves, the search for oil is directed to more difficult areas – deepwater, arctic region, hostile terrains; and future production is expected to come from increasingly difficult reserves – deeper horizon, low quality crude. All these are making E&P activities even more challenging in terms of operations, technology, cost and risk. Therefore, it is necessary to use scarce resources judiciously and optimize strategies, cost and capital, and improve business performance in all spheres of E&P business. Optimization and Business Improvement Studies in Upstream Oil and Gas Industry contains eleven real-life optimization and business improvement studies that delve into the core E&P activities and functional areas covering a wide range of operations and processes. It uses various quantitative and qualitative techniques, such as Linear Programing, Queuing theory, Critical Path Analysis, Economic analysis, Best Practices Benchmark, Business Process Simplification etc. to optimize Productivity of drilling operations Controllable rig time loss Deepwater exploration strategy Rig move time and activity schedule Offshore supply vessel fleet size Supply chain management system Strategic workforce and human resource productivity Base oil price for a country Standardize consumption of materials Develop uniform safety standards for offshore installations Improve organizational efficiency through business process simplification The book will be of immense interest to practicing managers, professionals and employees at all levels/ disciplines in oil and gas industry. It will also be useful to academicians, scholars, educational institutes, energy research institutes, and consultants dealing with oil and gas. The work can be used as a practical guide to upstream professionals and students

in petroleum engineering programs.

Elements of Solid & Hazardous Waste Management O.P.

Gupta This book describes the essential features of Solid & Hazardous Waste Management covering the following topic: Introduction to Solid Waste Management Municipal Solid Waste (MSW) Management Industrial Solid Waste Management Radioactive Waste (BMW) Management e-Waste Management Integrated Solid Waste Management (ISWM) Besides, Short question & answers and multiple-choice questions & answers drawn from the examination papers of various engineering colleges and professional bodies examination given at the end of the book enhances its utility for the students. The book will be useful for degree, postgraduate & diploma courses in engineering, AMIE, AMIIM & AMMIIChe examinations. Industrial Engineering and Production Management Martand T Telsang For close to 20 years, [Industrial Engineering and Production Management] has been a successful text for students of Mechanical, Production and Industrial Engineering while also being equally helpful for students of other courses including Management. Divided in 5 parts and 52 chapters, the text combines theory with examples to provide in-depth coverage of the subject.

INDUSTRIAL ENGINEERING AND MANAGEMENT RAVI, V.

2015-08-31 The book is primarily intended as a text for all branches of B.Tech, M.Tech and MBA courses.

Beginning with an introduction to industrial engineering, it discusses contributions and thoughts of classical (Taylor, Fayol, and Weber's), neo-classical (Hawthorne) and modern thinkers. The book explains different functions of management, and differentiate between management and administration. Various types of business organisations with their structures and personnel management also find place in the book. Topics related to facilities location, material handling, work study, job evaluation and merit rating, wages and incentives that are of prime importance in any business are discussed. The book is aimed at providing a better understanding of industrial operations with practical approach. Financial aspects related to business operations such as financial management, management accounting, breakeven analysis, depreciation and replacement policies for equipment assume prime importance. Numerical examples have been solved at appropriate places to create interest in readers. Marketing aspects of business as marketing management, new product development and sales forecasting methods are discussed, besides management and control of operations. For maintaining industrial peace, good relationship between employers and employees is essential. Chapters on industrial relations, industrial safety and industrial legislations are introduced with the objective of providing readers with information on these important aspects. Good decision-making is what differentiates a good manager from a bad one. Thus, a chapter on decision-making is added to examine its skill. Network constructions, CPM, PERT have been covered under project management. Quantitative techniques for decision-making as linear programming, transportation problems, assignment problems, game theory, queuing theory, etc., are also discussed in this textbook. KEY FEATURES • Lucid presentation of the concepts. • Illustrative figures and tables make the reading more fruitful and enriching. • Numerical problems with solutions form an integral part of the book, making it application-oriented. • Chapter-end review questions test the students' knowledge of the fundamental concepts.

Production Technology R.k Jain 2012

Principles of Management K. Anbuvelan 2007

Industrial Engineering And Management O. P. Khanna 1980

Work study British Productivity Council. Work Study Unit 1969

CAD/CAM/CIM P. Radhakrishnan 2008 The Technology Of

Cad/Cam/Cim Deals With The Creation Of Information At Different Stages From Design To Marketing And Integration Of Information And Its Effective Communication Among The Various Activities Like Design, Product Data Management, Process Planning, Production Planning And Control, Manufacturing, Inspection, Materials Handling Etc., Which Are Individually Carried Out Through Computer Software. Seamless Transfer Of Information From One Application To Another Is What Is Aimed At. This Book Gives A Detailed Account Of The Various Technologies Which Form Computer Based Automation Of Manufacturing Activities. The Issues Pertaining To Geometric Model Creation, Standardisation Of graphics Data, Communication, Manufacturing Information Creation And Manufacturing Control Have Been Adequately Dealt With. Principles Of Concurrent Engineering Have Been Explained And Latest Software In The Various Application Areas Have Been Introduced. The Book Is Written With Two Objectives To Serve As A Textbook For Students Studying Cad/Cam/Cim And As A Reference Book For Professional Engineers.

Work in the 21st Century Frank J. Landy 2019-02

Human Resource Management Ashok Yakkaldevi

Industrial Engineering & Management 2e Ravi Shankar

Engineering Metrology and Measurements Raghavendra,

2013-05 Engineering Metrology and Measurements is a textbook designed for students of mechanical, production and allied disciplines to facilitate learning of various shop-floor measurement techniques and also understand the basics of mechanical measurements.

Process Planning and Cost Estimation R. Kesavan

2009-01-01

Industrial Engineering in the Industry 4.0 Era Fethi

Calisir 2017-12-28 This book gathers extended versions of the best papers presented at the Global Joint Conference on Industrial Engineering and Its Application Areas (GJCIE), held in Vienna on July 20-21, 2017. They offer a snapshot of the current state of the art in three main related fields of research, namely industrial engineering, engineering and technology management, and healthcare systems engineering management. The book is intended to integrate theory and practice and to merge different perspectives, from the academic to the industrial and governmental one.

Industry 4.0: Industrial Revolution of the 21st Century

Elena G. Popkova 2018-07-21 This book addresses a wide range of issues relating to the theoretical substantiation of the necessity of Industry 4.0, the development of the methodological tools for its analysis and evaluation, and practical solutions for effectively managing this process. It particularly focuses on solving the problem of optimizing the development of Industry 4.0 in the context of knowledge economy formation. The book presents the authors' approach to studying the process of Industry 4.0 formation in connection with knowledge economy, and approach that allows the process to be studied in connection with the existing socio-economic and technological conditions. As a result, the conclusions and recommendations could be applied to modern economic systems and do not require any further elaboration. The presented research is based on modern economic theory scientific and methodological tools, including the tools of the theory of economic cycles, the theory of games, and the institutional economic theory. Raising awareness of the problem of Industry 4.0 formation, the book is of interest to a wide audience, including not only specialists and experts with a detailed knowledge of the topic, but also scholars, lecturers, and undergraduates of various fields of economics.

Industrial Engineering and Management S.C. Sharma, T.R.

Banga 2017 The book "Industrial Engineering and Management" covers the syllabus of the subjects Industrial Engineering, Industrial Management, Production Planning and Control, Production Management,

Engineering Economics and Costing, Industrial Organization, Principles of Management prescribed by different Indian Universities. The book is also useful for the students of management courses, section B of AIME, and U.P.S.C Engineering Services Examination. Efforts have been made to present the subject-matter in concise, compact and simple language. The theoretical concepts have been supported by large number of numerical illustrations to provide clarity.

Energy Technology O.P. Gupta Energy Technology is an integral part of the degree, postgraduate & diploma curriculum of various branches of engineering. besides, it is also a compulsory paper for various associate membership examination conducted by professional bodies like institution of engineering (AMIE), Indian Institute of Metals (AMIIM), Indian Institute of Chemical Engineering (AMIChE), BEE etc. This book has been prepared strictly as per the syllabus of these examinations. Short questions & answer and multiple-choice questions & answers drawn from the examination papers of various engineering colleges and professional bodies examinations given at the end of the book enhances its utility for the student.

Industrial Engineering and Management O.P. Khanna 2007

Production And Operations Management S. Anil Kumar 2006-01-01 This Book Presents Lucid Treatment Of A Wide Range Of Issues Involved In Production And Operations Management. It Focuses On The Latest Techniques In Production Planning And Control Considered To Be Pivotal For Organizations, Which Aim At Maximizing Their Productivity And Profitability. The Book Further Discusses In Detail The Production System Concept, Facility Location, Plant Layout Design, Production Scheduling, Mass Production Techniques Such As Assembly Line Balancing Maintenance Planning And Control, Scheduling, Quality Control; And Modern Production Management Tools That Include Cim, Tqm And Iso 9000 Series. Primarily Designed As A Textbook For Various Courses Like Bbm, Bba, B.Com., Mba And Also Useful For Students Pursuing Courses, Production And Operations Management, Mechanical, Industrial And Production Engineering Of Bangalore And Other Indian Universities. Salient Features: * Book Is Written In Simple And Lucid Style * Contents Are Presented In A Most Meticulous Manner * Charts Are Provided For Easy Understanding Of The Concepts * Exercises Are Designed For Self-Evaluation And Include Objective Type, Analytical Type And Application Type Questions * Contains Examination Question Bank * Contains Exhaustive Glossary Of Terminologies * Focuses On Materials Management Concepts And Techniques * Focuses On Plant Location And Layout Concepts * Focuses On Statistical Quality Control Concepts And Technique * Focuses On Industrial Engineering Concepts Such As Time Motion Study, Maintenance Management, Waste Management & Automation

A Textbook of Machine Design RS Khurmi | JK Gupta 2005

The present multicolor edition has been thoroughly revised and brought up-to-date. Multicolor pictures have been added to enhance the content value and to give the students an idea of what he will be dealing in reality, and to bridge the gap between theory and practice. This book has already been included in the 'suggested reading' for the A.M.I.E. (India) examinations.

Industrial Engineering and Management with an Appendix Introducing Khanna O P. 2000

Dark Star Gautam Chintamani 2015-11-03 FOREWORD BY SHARMILA TAGORE The first-ever biography of the enigmatic Rajesh Khanna, the original 'superstar' If ever a life was meant to be a book, few could stake a stronger claim. Like a shooting star doomed to darkness after a glorious run, Rajesh Khanna spent the better half of his career in the shadow of his own stardom. Yet, forty years after his last monstrous hit, Khanna continues to be the yardstick by which every single

Bollywood star is measured. At a time when film stars were truly larger than life, Khanna was even more: the one for whom the term 'superstar' was coined. Born Jatin Khanna to middle-class parents, the actor was adopted by rich relatives who brought him up like a prince. By the time he won the Filmfare-United Producers Combine Talent Hunt, he was already famous for being the struggler who drove an imported sports car. With seventeen blockbuster hits in succession and mass adulation rarely seen before or since, the world was at Khanna's feet. Everything he touched turned to gold. The hysteria he generated - women writing him letters in blood, marrying his photograph and donning white when he married Dimple Kapadia, people bringing sick children for his 'healing' touch after Haathi Mere Saathi - was unparalleled. Then, in a matter of months, it all changed. Khanna's career hit a downward spiral as spectacular as his meteoric rise just three years after Aradhana (1969) and never really recovered. Dark Star looks at the phenomenon of an actor who redefined the 'film star'. Gautam Chintamani's engaging narrative tries to make sense of what it was that made Rajesh Khanna and what accounted for his extraordinary fall. A singular account of a wondrous life.

Designing Embedded Systems with 32-Bit PIC

Microcontrollers and MikroC Dogan Ibrahim 2013-08-22 The new generation of 32-bit PIC microcontrollers can be used to solve the increasingly complex embedded system design challenges faced by engineers today. This book teaches the basics of 32-bit C programming, including an introduction to the PIC 32-bit C compiler. It includes a full description of the architecture of 32-bit PICs and their applications, along with coverage of the relevant development and debugging tools. Through a series of fully realized example projects, Dogan Ibrahim demonstrates how engineers can harness the power of this new technology to optimize their embedded designs. With this book you will learn: The advantages of 32-bit PICs The basics of 32-bit PIC programming The detail of the architecture of 32-bit PICs How to interpret the Microchip data sheets and draw out their key points How to use the built-in peripheral interface devices, including SD cards, CAN and USB interfacing How to use 32-bit debugging tools such as the ICD3 in-circuit debugger, mikroCD in-circuit debugger, and Real Ice emulator Helps engineers to get up and running quickly with full coverage of architecture, programming and development tools Logical, application-oriented structure, progressing through a project development cycle from basic operation to real-world applications Includes practical working examples with block diagrams, circuit diagrams, flowcharts, full software listings an in-depth description of each operation

Agile Manufacturing Systems K Hans Raj 2011-12-17

Agility has become very important for the industries today as the lifetimes of the products are continuously shrinking. This book provides an excellent opportunity for updating understanding of agile methods from the design, manufacturing and business process perspectives, whether one is an industrial practitioner, academic researcher engineer or business graduate student. This volume is a compilation of various important aspects of agility consisting of systemic considerations in manufacturing, agile software systems, agile business systems, agile operations research, flexible manufacturing systems, advanced manufacturing systems with improved materials and mechanical behavior of products, agile aspects of design, clean and green manufacturing systems, environment, agile defence systems.

Maynard's Industrial Engineering Handbook Harold Bright Maynard 1992 Here at last is a major revision of a definitive reference on industrial engineering principles and practices. It includes these topics: the industrial function; industrial engineering in practice;

methods engineering; work-measurement techniques; work-measurement application and control; incentive programs; manufacturing engineering; human factors, ergonomics, and human relations; economics and controls; facilities and material flow; mathematics and optimization techniques; and special industry applications. With 800 illustrations and an index.

Basic Electrical Engineering Mehta V.K. & Mehta Rohit 2008 For close to 30 years, □Basic Electrical Engineering□ has been the go-to text for students of Electrical Engineering. Emphasis on concepts and clear mathematical derivations, simple language coupled with systematic development of the subject aided by illustrations makes this text a fundamental read on the subject. Divided into 17 chapters, the book covers all the major topics such as DC Circuits, Units of Work, Power and Energy, Magnetic Circuits, fundamentals of AC Circuits and Electrical Instruments and Electrical Measurements in a straightforward manner for students to understand.

Textbook of Refrigeration and Air Conditioning RS Khurmi | JK Gupta 2008 The Multicolor Edition Has Been thoroughly revised and brought up-to-date. Multicolor pictures have been added to enhance the content value and to give the students and idea of what he will be dealing in relity, and to bridge the gap between theory and Practice.

Khanna's Objective Type Questions & Answers in Chemical Engineering OP Gupta This book is meant for diploma students of chemical engineering and petroleum engineering both for their academic programmes as well as for competitive examination. This book Contains 18 chapters covering the entire syllabus of diploma course in chemical engineering and petrochemical engineering. This book in its present form has been designed to serve as an encyclopedia of chemical engineering so as to be ready reckoner apart from being useful for all types of written tests and interviews faced by chemical engineering and petrochemical engineering diploma students of the country. Since branch related subjects of petrochemical engineering are same as that of chemical engineering diploma students, so this book will be equally useful for diploma in petrochemical engineering students.

PRODUCTION AND OPERATIONS MANAGEMENT R.B. KHANNA

2015-06-01 This well-balanced text with its fine blend of theory and applications, gives an in-depth understanding of production and operations management in an easy-to-understand style. Employing an innovative approach, the author, shows how the use of modern advanced technology gives a boost to production processes and significantly helps production and operations management. The book clearly demonstrates the use of special software packages to solve actual problems. Retaining the original contents, the book, divided into six parts, explains following in its second edition WHY Necessity of production and operations management WHAT Product/service design, product quality and other issues HOW Process design and related issues WHERE Plant location, layout and capacity WHEN Planning and control of production operations WHO Human relations issues that affect production and operations Key features • Learning objectives at the beginning of each chapter enable readers to focus on important points of a chapter. • A concept quiz at the end of each chapter helps the reader to evaluate his understanding of the concepts explained in a chapter. • Numerous solved examples, and answers to all chapter-end numerical problems have been provided. • Covers Service Operations in almost every chapter in addition to the traditional manufacturing operations. • A section with 10 progressive short case studies gives real-world experience. • Chapter-end summary helps readers to review and recapitulate the key concepts. The students of management and engineering (mechanical, production and industrial engineering) will be benefited with the book. An instructor manual containing PowerPoint slides and solutions to chapter-end problems is available. The book is recommended by AICTE for PGDM course. The link is www.aicte-india.org/modelsyllabus.php

Industrial Engineering and Management Pravin Kumar 2015 The book has been designed for undergraduate students studying Mechanical Engineering or Industrial Engineering. It discusses various concepts and provides practical knowledge related to the area of Industrial Engineering and Management. The book lucidly covers Project Management, Quality Management, Costing etc. in detail to develop the required skills among the students.

Principles of Management MG-1351 K. Anbuvelan 2007

Macroeconomics TR Jain, OP Khanna