

Quality Management in Garment Industry

Author: B. Purushothama

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Product Description

The growth in the industry might be due to many reasons. It might be because of inefficiency of our competitors, some changes in social environment, changes in the policies of the government, shortage of certain commodities due to improper planning or implementation of plans, etc. The garment industries in USA and Europe are presently facing many problems and are almost on the verge of closing. Research are rapid increases in wages, non-availability of qualified and skilled workers and monotonous work environment in the garment industry. The efforts made to reduce expenses could not be help to compete because of cheap availability of labour in developing countries of Asia and South America. The garment industry hence shifted to Asian Countries as Asia has an advantage of skilled artisans at low wages. The industry scenario is changing. A number of new project are coming up. Thanks to the initiatives in IT and BT. All the new ventures must introduce the concept of Quality Management Systems so that quality of product is maintained, while cost of production is kept at minimum. This also holds good for existing small scale cottage industries as well as big industries. In this book an attempt is made to give brief insight to various Quality Management Systems and how the same could be adopted in the garment industry. This learning materials is intended for managerial and technical staff working in Garment industry and students in Textiles and Garments Technology. It is hoped that this book will be quite useful for technical staff working in Garment industries to monitor and maintain the quality of the products before being shipped.



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Chapter 7: Inspection and Testing.

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Chapter 9: Problem Solving.

Chapter 10: Defects and Remedies.

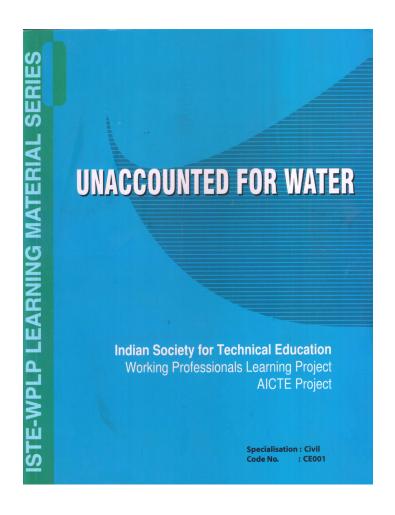
Appendix

References

Author

The author of the book, Mr. B.Purushotma, is B.Sc. in Textile Technology and later he got M.Sc. degree in Textile Technology. He has also got degree in Postgraduate Diploma in Business Administration. He has rich experience of over thirty eight years working in textile industries in various capacities in Spinning, Maintenance, Projects management, Quality assurance, and Research and Development. He has published over fifty papers in various conferences and seminars. He has guided large number of students in their projects works leading to M.Tech, MBA, M.E. M.Phil., degree of various Universities. His book on "Fundamentals of Textile Mill Management" published in 1980 was recognized as a reference book for ATA Part II students. His book "Guidelines for Process Management in Textiles Mill Management" published by CVG-CVG Books recently is considered to be a very good and useful Handbook.





Unaccounted for Water

Author: S. Siddappaswamy

ISBN 13: 978-93-55388-76-6

ISBN 10: 93-55388-76-4

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Edition: 1

Pages: 88

Type of book : Paperback

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Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 128.00

Categories : Civil Engineering, ISTE Series

SKU: 1725723649

Condition Type: New

Country Origin: India

Product Description

The book, "Unaccounted For Water", explains the intricacies involved in identifying the various components for UFW, quantifying the same methods to reduce the leakage and non-metered consumption. The book also explains about the measures and the expenditure to contain UFW, which depends on the cost of water. Chapter 4 and 5 deal with the various techniques on water leakage management and chapter 6 highlights the latest instruments used for leakage detection. Chapter 9 spells out the realistic issues of UFW. The learning material has been prepared to train the professionals responsible for water supply and maintenance. Knowledge gained from this book will help the Water Board to maintain the Water Supply System (WSS) more effectively and earn more revenue. The specific objectives of this resource training material are: 1. To use as learning material, for leakage control activities. 2. To use as manual for , trainers and managers involved in leakage control activities. 3. To help the process of training so that more trainees have access to skills dealing with leakage control.



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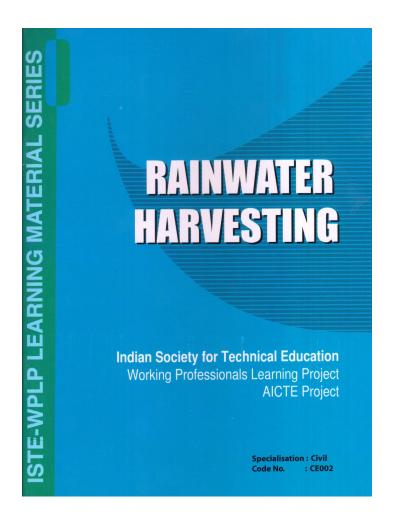
Foreword Preface Chapter 1: Introduction to Unaccounted for Water. Chapter 2: Introduction to Leakage Control. Chapter 3: Unaccounted for Water (UFW). Chapter 4: Leakage Control. Chapter 5: Selection of Techniques for Leakage Control Programme. Chapter 6: Leak Detection Instruments. Chapter 7: Case Study- DMA Design, Establishment and Management. Chapter 8: Benefits Chapter 9: Issues. Chapter 10: Operation and Maintenance of DMA. Appendices Appendix -1 Leakage Detection Enquipments. Appendix -2 Manufacturers of PE Pipe and Leak Repair Clamps. Appendix -3 Name and Address of the Consultants to carry out UFW Projects.

Appendix -4 Name of the Agencies to produce the Base Map (Geographical Information System(GIS)). Appendix -5 Software Consultants to Develop and Maintain GIS System for Water Supply Projects. List of Abbrevations References

Author

S. Siddappaswamy Senior Engineer TCE Consulting Engineers Ltd. (A TATA Enterprise) Bangalore.





Rainwater Harvesting

Author: G. N. VIRUPAKSHA

ISBN 13: 978-93-55384-70-6

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Language: English

Publisher: Khanna Publishing House

M.R.P: Rs 89.00

Categories : Civil Engineering, ISTE Series

SKU: 1725755146

Condition Type: New

Country Origin: India

Product Description

Water is essential for the existence of life on earth. Increase in human population has resulted in exploitation of surface and underground water sources. Water is precious and it should always be conserved. Rainwater is a renewable resource. Rainwater harvesting in various forms such as micro- residential; medium-infiltration into ground in open yards, parks, check dams and so on; macro-reservoirs across water streams and the like will go a long way in conserving water for tomorrow. The book "Rainwater Harvesting", very clearly mentions the need, resource availability, methods of rain water harvesting and also about inter-basin transfer of water, thereby possibly creating a National Water Grid. This book is useful for practicing engineers and administrators who are responsible for water resource activities. Rainwater harvesting should be looked upon as a shield to prevent extinction of life from the earth.



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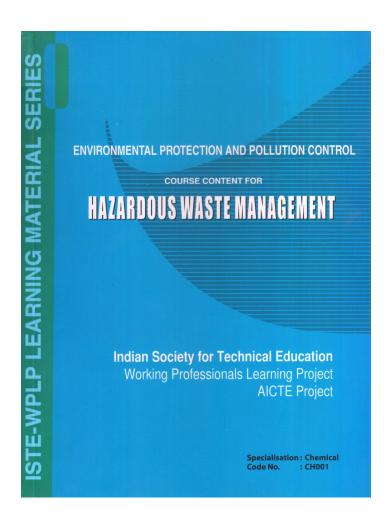
Chapter 3: Availability Of Rainwater And Runoff Estimation. **Chapter 4:** Methods Of Rainwater Harvesting.

Chapter 5: Inter Basin Transfer Of Water. Chapter 6: Conclusion.

Author

G. N. Virupaksha Deputy Chief Engineer TCE Consulting Engineering Limited (A TATA Enterprise) Bangalore.





Hazardous Waste Management

Author: G. V. Gore

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Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 499.00

Categories: Chemical Engineering, ISTE

<u>Series</u>

SKU: 1725549649

Condition Type: New

Country Origin: India

Product Description

Environmental control is basically concerned with providing clean air and water, Since 1950's this concern has expanded into a wide range of activities, needing to find long lasting solutions for problems of global implications. One such topic is, Hazardous Waste Management. Typical solution to this problem involves, Monitoring, Treatment, Safe handling and Development of Control Technology. Thus, a new breed of scientists and technologists capable of dealing with transport, management and disposal of hazardous wastes is the need of hour. Hazardous Waste Management problems are essentially divided into Management of currently generated wastes and pre-existing dump sites. Both these options have created a demand for trained Professional and Technologists to assess, monitor, design and implement suitable techniques for Hazardous Waste and Control. This module aims to fulfill this need.



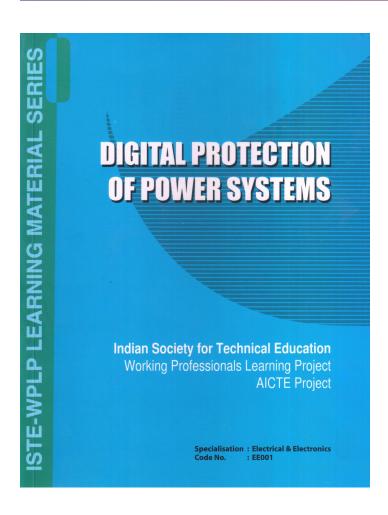
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Authors

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Digital Protection of Power Systems

Author: K. Parthasarathy

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Edition: 1

Pages: 428

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Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 648.00

Electrical, Electronics &

Categories: Communication Engineering,

ISTE Series

SKU: 1725551522

Condition Type: New



Product Description

The development in the area of power system protection has taken a tremendous leap forward in view of the technological advancements in electronics, especially with the introduction of new designs in microprocessor technology such as microcontrollers and Digital Signal Processors (DSPs). The subject on digital protection of power systems has become highly interdisciplinary encompassing various disciplines such as analog and digital electronics, digital signal processing, software development, communication technology, Artificial Intelligence (AI) techniques in addition to the study of power system subjects like electrical machines, power system analysis, simulation /modeling involving load flow, short circuit, stability problems etc. This book is intended for practicing engineers, planning and operation staff working in power plant, industries and electrical utilities to familiarize with the developments in the protection of power system devices and networks. Research in academic institutions, R&D establishments and teachers conduction advanced power system protection course in engineering college can use this book as reference. The chapters in the book have comprehensive coverage of various issues of power system protection, namely digital relay architecture, modelling techniques for simulation transient phenomena in power networks based on Electromagnetic Transient Package (EMTP), result of case studies for better appreciation of EMTP, Modelling procedures of current and voltage transformers, Capacitor Voltage Transformers (CVTs) and their transient behaviour, hardware and software considerations keeping in view of the latest advancements in hardware designs based on DSPs and microcontrollers and software development issues of various digital relaying algorithms based on signal processing techniques for implementing high speed and accurate relaying schemes, application of digital relaying for protection of major power system components like busbars, power transformers, synchronous and induction machines.

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Chapter 3: Current and Voltage Transformers. Chapter 4: Hardware Considerations. Chapter 5: Relaying

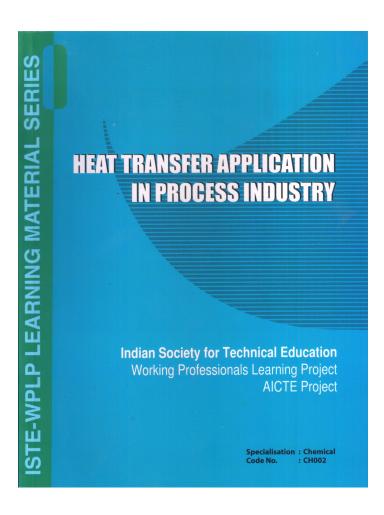
Algorithms. Chapter 6: Protection of Power System Components. Chapter 7: Application of Artificial Intelligence

Techniques for Power System Protection. Chapter 8: Real Time/Playback Simulators for Relay Testing.

Authors

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Heat Transfer Application in Process Industry

Author: A. G. Pai

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Categories : ISTE Series, Chemical

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Condition Type: New



Product Description

Heat transmission is very common and familiarly occurs in our daily life, so much that we tend to accept the process for granted and only think of its glaring manifestations and effects. We use our physical intuition to interpret thermal phenomena, and our reactions to hot and cod substances or the environment becomes voluntary. However, when heat transmission is considered from a quantitative point of view, it becomes quite clear that mechanism of heat transfer and their operations in a given system are not so trivial. Though there is evidence of use of fire by cave men about half a million years ago, yet only in relatively recent times the people have understood that heat is a form of energy in transit and that temperature is a measure of that energy present in a body. The importance of intelligent and judicious use of heat energy has been understood only recently when people have realized that source of heat energy such as coal, gas, and oil are not sufficient to sustain the economic development of the modern society. Energy saved is energy generated. Process industries being leading consumers of heat energy, it is imperative on the part of the Managers of Process industries, to take all possible steps to minimize the wasteful use of this scarce resource. The text is intended to provide a good understanding of the basic concepts of heat transfer and enhance the skills of the operators and engineers running not only process industries using heat transfer equipment. It is targeted towards the working professionals who area diploma holders in engineering and graduates in science/engineering manning process industries. Emphasizing focuses upon, the ability to run heat transfer equipments efficiently, by bringing heat loss to unavoidable level.

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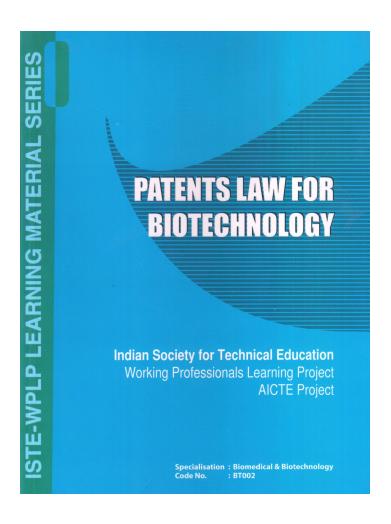
Foreword Preface Chapter 1: Basic of Heat Transfer. Chapter 2: Connective Heat Transfer. Chapter 3: Design and Analysis of Heat Exchangers. Chapter 4: Pinch Technology. Chapter 5: Case Study on Heat Loss Through Pipe. Chapter 6: Case Study of Heat Exchange Network Without Phase Change. Chapter 7: Case Study of a Fired Heater Involving Phase Change. Chapter 8: Case Study of an Air Preheater. Chapter 9: Improving Performance of a Distillation Column by Providing Pump Around Heat. Chapter 10: Energy Saved is Energy Generated. Chapter 11: Heat Transfer With Chemical Reactions. Chapter 12: Case Study on Temperature Peaking Effect.



Authors

A. G. Pai The first author of this learning material, Mr. A. G. Pai, is presently the General Manager (Projects) at Mangalore Refinery and Petrochemicals Ltd. Mangalore. He received his B. E. in Chemical Engineering from National Institute of Technology Karnataka (formerly known as K. R. E. C.), Surathkal and P. G. Diploma in Business Management. He has overs 25 years of industrial experience in running mega industrial trainings in various countries like USA, Germany, France, UK, and Malasytsia. The author is deeply indebted to his mother and all his teachers who have been the source of inspiration in his life. **Dr. P. N. Singh** The author of this learning material, Dr. P. N. Singh is the Director (Retired), National Institute of Technology Karnataka, Surathkal. He is basically a Chemical Engineer and has over decades of experience in teaching and research related to processes industries.





Patents Law For Biotechnology

Author: V. C Vivekanandan

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BIOMEDICAL &

BIOTECHNOLOGY, ISTE Series

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Product Description

This module of designed to give the reader - a technocrat or a lawyer an understanding of the history of the development of Intellectual Property in the first chapter. This chapter shows how the need for such a legislation arose in Europe and later in United States. The Second chapter deals with the conceptual understanding of contemporary issues in Patenting, what qualifies for patents, what qualifies for patents, what does not and how standards are constantly raised and interpreted. The third chapter deals with the legislation in India. It deals with what are inventions under law and what are not. How does one proceed to patent and invention? How one can draft a good patent? what are the safeguards if one abuses the system? What are the rights of the public in such a system and related issues? The fourth chapter deals with the special issues relating to the emerging research in Biotechnology like the cell culture, hybridoma technologies, recombinant DNA, patenting of software programmes and other principles. The fifth chapter deals with Patent Cooperation Treaty which offers a single window filing system for patenting inventions world wide. The sixth chapter deals with the TRIPS agreement and its salient features, where the provisions relating to patents law and compulsory licences are dealt with. Chapter Seven deals with the World Intellectual Property Organization, its mission, challenges and future agenda. The module also has select case laws relating to patenting of life forms, Biotechnology, Chemical patents and issues relating to Pharma industry. The modules have been written to sensitize the target audience to the exciting, yet complex world of patenting system.

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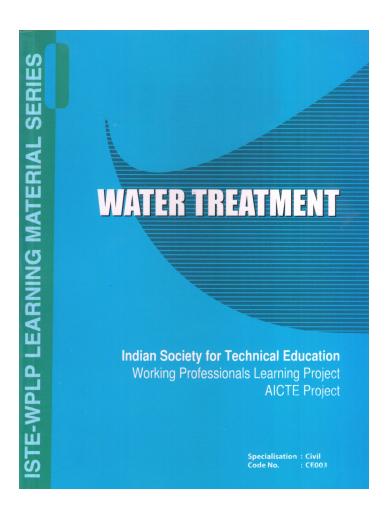
Foreword Preface Chapter 1: Understanding Intellectual Property Rights. Chapter 2: Basics of Patents. Chapter 3: Patent Legislation in India. Chapter 4: Patent Corporation Treaty. Chapter 5: Patenting of Biotechnology. Chapter 6: Trips Agreement - Salient Features. Chapter 7: World Intellectual Property Organization. Case Laws Case Law 1: Diamond v Chakrabarty. Case Law 2: J. E. M. AG Supply Inc v Pioneer Hi-Breed International. Case Law 3: Warmer Jenkinson v Hilton Davis. Case Law 4: Kirin Amgen Inc v Transaryotic Therapies. Case Law 5: Falko-Gunter Falkner v Inglis. Case Law 6: Abott laboratories v Andrix Pharma v Teva Pharma.



Author

Prof. V. C. Vivekanandan teaches at National Academy of Legal Studies and Research University of Hyderabad. He specializes in Intellectual Property Laws, Cyber Laws and Media Laws. He received his PhD from National Law School of India University, Bangalore. He has Master's Degree in Corporate Law and Securities. He also holds a Master' Degree and M.Phil degree in Public Administration from Madras University. He is visiting faculty for programmes at A.P. Judicial Academy, Administrative Staff College of India, Hyderabad, National Police Academy, Hyderabad, National Academy of Direct Taxes, Nagpur, National Law School of India, Bangalore, MGRD Institute, Hyderabad, National Academy of Agricultural Research and Management, Hyderabad and Indian School of Business at Hyderabad.





Water Treatment

Author: P. N. Ravindra

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M.R.P: Rs 388.00

Categories : Civil Engineering, ISTE Series

SKU: 1725764226

Condition Type: New



Product Description

Water works engineers should be aware of the wider issues concerning the principles of wastewater treatment. This in turn requires not only good design engineering, but also better working knowledge of the system. In this context, this book will make a significant contribution for enhancing knowledge from basics to the advancement in the field of wastewater treatment. This book written under working professionals learning project is with the intention of providing sufficient information and knowledge about the principles of wastewater treatment to the water works engineers. This book comprehensively deal with the basic of wastewater treatment, laying emphasis on current trends. To convey ideas and concepts more clearly, the book contains descriptive diagrams with suitable explanation. The book covers a broad spectrum of material dealing with wastewater treatment, as it is far more than just as update of the existing books on wastewater treatment, which includes the latest concepts and processes. This learning material will also be a useful reference book for planners, administrators, students and general readers. It will be of interest to wastewater treatment. One who reads this book systematically from chapter one will surely acquire an understanding on the concepts of wastewater treatment, including schemes of treatment.

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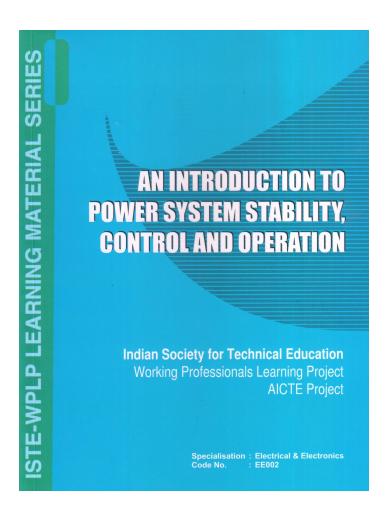
Foreword Preface Chapter 1: Wastewater. Chapter 2: Wastewater Treatment. Chapter 3: Preliminary and Primary Treatment units. Chapter 4: Sedimentation. Chapter 5: Biological Treatment Processes. Chapter 6: Activated Sludge Process. Chapter 7: Advanced Wastewater Treatment. Chapter 8: Natural Treatment System. Chapter 9: Residual Management. Chapter 10: Membrane Treatment Systems. References Glossary

Author

Abbreviations

Dr. P. N. Ravindra The author of this book is working as Assistant Executive Engineering for Bangalore Water Supply and Sewerage Board (BWSSB) and has more than 25 years of working experience in the field of water and wastewater treatment. He has written several books in water discipline and published several research papers. It is a matter of pride and privilege for the author to write a book for his fellow engineers, who can make this book worthwhile. He acknowledges the help he has received from Mr Narayana, Cheif Engineer, (Retd), BWSSB in reviewing the material and also improving the quality of the book. Special thanks to Prof. NR Shetty, Chairman, Project Advisory Committee, ISTE- WPLP and Er AN Parameswaran, Project Officer and his staff, ISTE-WPLP, who have provided valuable suggestions and carried out the coordination in preparation of this material.





An Introduction to Power System Stability, Control and Operation

Author: R. Ramanujam

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Publisher: Khanna Publishing House

M.R.P: Rs 199.00

Electrical, Electronics &

Categories: Communication Engineering,

ISTE Series

SKU: 1725756075

Condition Type: New



Product Description

Power system in India have come a long way since independence. Growth of a power system indicates the health of the economy of a country. But it is accompanied by complexity and this complexity that power system stability and control are relevant. This book is organized into two sections. "Power System Stability" is covered in the first three chapters and "Power System Control" in the latter part of the book. Power system stability is perhaps the earliest dynamic problem the power system engineering had to deal with. It was referred to as "hunting" then. Since then, volumes have been written on this topic and even a preliminary treatment of the entire contribution is clearly out of scope of this book. This learning material is intended for the Electrical Engineering Graduates working professional in power utilities / Independent Power Plants (IPP) in the supervisory cadre and power system planning engineering / system operators / power transmission product manufacturers / Protection Engineers.

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Chapter 2: Power System Stability: Concepts and Classification.

Chapter 3: Analysis of Power System Stability.

Chapter 4: Control of Active Power and Frequency.

Chapter 5: Control of Reactive Power and Voltage.

Chapter 6: Power System Security.

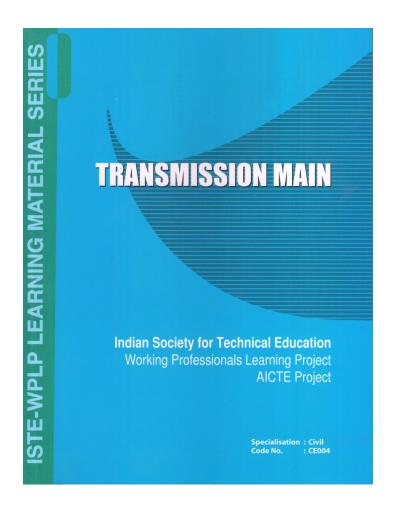
Chapter 7: Supervisory and Energy Management System.



Author

Dr. Ramanujam obtained his Bachelor of Engineering in Electrical Engineering, Master of Technology in Power Systems, Master of Science in Electrical Engineering and Ph.D in Electrical Engineering from University of Madras, Indian Institute of Technology (Madras), University of Calagary, Canada and Indian Institute of Science, Bangalore in the years 1971, 1973, 1977 and 1986. His areas of interest include power system dynamics, transients application of non-linear system theory and real time simulation. He has authored several papers in international journals. He has worked with leading Consulting Engineering Ltd, Bangalore, Simulation Association Inc., Krupp Atlas Elektronik, Germany and International Development & Engg. Associates, Madras. Currently he is the Professor of Electrical Engineering in College of Engineering, Guindy, Anna University, Chennai.





Transmission Main

Author: G. N. VIRUPAKSHA

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Language : English

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M.R.P: Rs 218.00

Categories : ISTE Series, Civil Engineering

SKU: 1725704899

Condition Type: New

Country Origin: India

Product Description

Water is essential commodity for the survival of life. Providing safe drinking water of adequate quantity for this purpose. Water supply system involves transmission of water from source to area of consumption safely. Transmission Main account for the appreciable part of capital outlay of water system and hence careful consideration of techno-economics is called for while designing the transmission main. This learning material "Transmission Main" clearly mentions selections of pipe material, advantages and disadvantages, optimization of size of main, design criteria and need for protection of pipeline against transient pressure and also procedure for laying and maintenance of pipeline,. This learning material is useful for practicing engineers, administrators and any other authority that are responsible for water supply and irrigation activities.



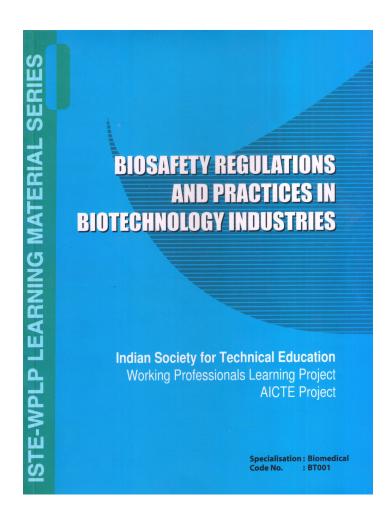
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Author

G. N. VIRUPAKSHA





Biosafety Regulations And Practices In Biotechnology Industries

Author: Geetha Bali

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Type of book : Paperback

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M.R.P: Rs 386.00

Categories:

BIOMEDICAL &

BIOTECHNOLOGY, ISTE Series

SKU: 1725740469

Condition Type: New



Product Description

Biotechnology is defined as 'The application of biological methods or processes, to produce products useful to mankind'. It often involves making molecular changes in living things for their better utilization. Plant breeders and fermentation experts have for centuries laboured to improve the crops and microorganisms such as yeasts and bacteria, that produce food and medicine. Plant Breeding and Fermentation Technology, in fact, long preceded the scientific knowledge of Genetics. Modern Biotechnology or Genetic Engineering is the technology that makes possible the transfer of genes (DNA) from one organism to another, thus allowing the recipient organism to express traits or characteristics normally associated only with the donor. The new characteristics that the recipients gain, will never easily come to them through natural processes of gene transfer that occur in nature. Thus the scope for Genetic Engineering is far greater than the conventional techniques employed prior to our understanding of DNA.



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Chapter 1: An Overview of Recombinant DNA Technology.

(Part I: DNA Isolation and Ligation to Vectors)

Chapter 2: An Overview of Recombinant DNA Technology.

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Chapter 4: Biosafety practices for Laboratories Dealing with living GMOs OR NON-GM Natural Pathogens.

Chapter 5: Safety in the use of Hazardous Chemicals in Laboratories.

Chapter 6: Radioactive Waste Disposal.

Chapter 7: Genetically Modified Organisms (GMOs): Potential Hazards to Health and Environment.

Chapter 8: Environmental Risk Assessment Practices For GMOs.

Chapter 9: Environmental Risk Assessment Practices and Plan for Construction of Greenhouse for GM Plants.

Chapter 10: Biosafety Regulations Concerning the Movement of GMOs at the International Level.

Chapter 11: Biosafety Regulations in India for Handling and Release of GMOs and GM Seeds.

Chapter 12: The Drugs and Cosmetics Rules (1988) and the Drug Policy (2002).

Chapter 13: Environment Protection ACT (EPA) and Hazard Analysis and Critical Control Points (HACCP).

Chapter 14: Intellectual Property Right (IPR) Issues in Biotechnology.

Chapter 15: Bioethics: Ethical Issues in Biotechnology.

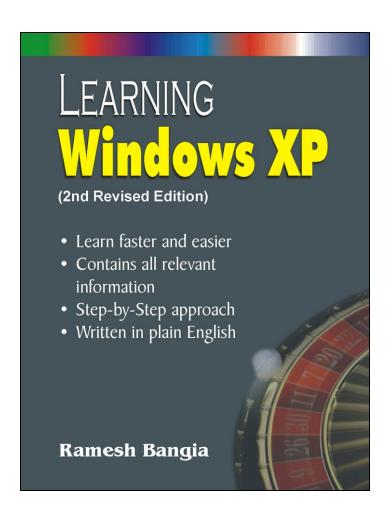
Review Questions

References

Authors

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Learning Windows XP

Author: Ramesh Bangia

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E-ISBN 13: 978-81-87522-36-2

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Type of book : Paperback

Weight (g): 300.00

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Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 225.00

Categories:BASIC COMPUTER BOOKS,

Learning Series

Condition Type: New

Country Origin: India

Product Description

Learning of a software is both easy and difficult. It depends up to what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realize how difficult it is to master it. Window XP is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.



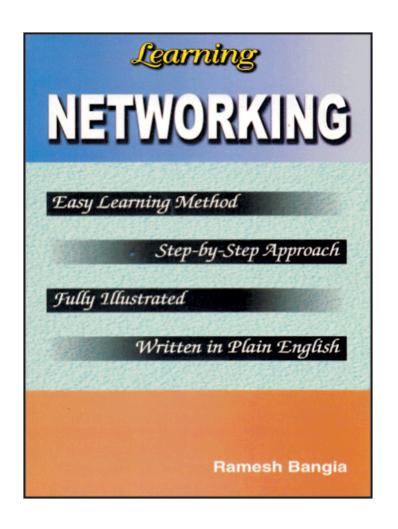
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6: Configure Your System. Chapter 7: Maintaining The System. Chapter 8: Command Reference. Chapter 9:
Keyboard Shortcuts. Chapter 10: Windows Glossary. Chapter 11: Questions.

Author

Ramesh Bangia For the last fifteen years, Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle Ease and African countries.





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Chapter 4: Configuring Windows for Networking. Chapter 5: Setting up Hardware for Internet. Chapter 6: Getting

Connected to Internet. Chapter 7: Networking Software. Chapter 8: Glossary of Networking. Chapter 9: Questions.

Author

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