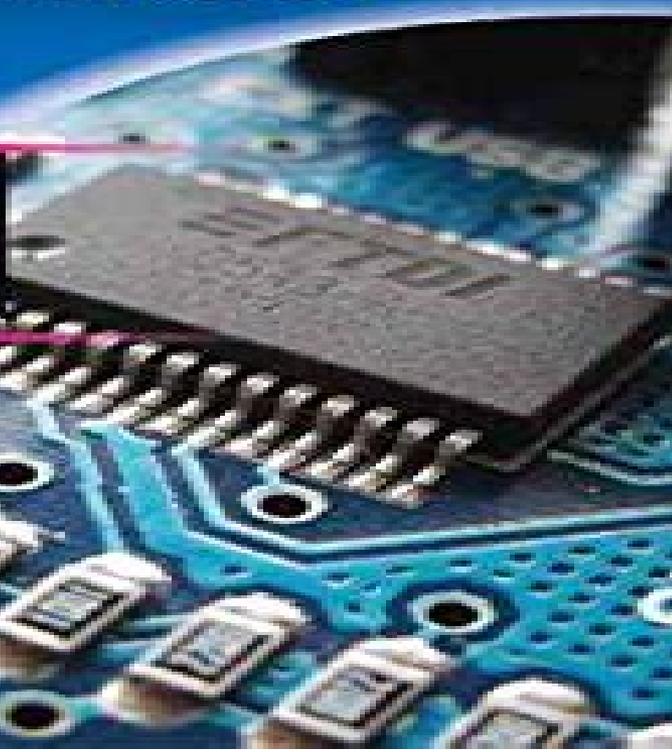


Revised Edition

# *Principles of* **Electrical Engineering and Electronics**



**V.K. MEHTA  
ROHIT MEHTA**

**S. CHAND**

# Principles Of Electrical Electronics Engineering By Vk Mehta

**Marcel A. Müller**



## **Principles Of Electrical Electronics Engineering By Vk Mehta:**

Principles of Electrical Engineering and Electronics Mehta V.K. & Mehta Rohit, 2006 The General Response to the first edition of the book was very encouraging The authors feel that their work has been amply rewarded and wish to express their deep sense of gratitude in common to the large number of readers who have used it and in particular to those whom they have sent helpful suggestions from time to time for the improvement of the book To Enhance the utility of the book it has been decided to bring out the multicolor edition of book There are three salient features multicolor edition Principles of Electronics [LPSPE] VK Mehta | Rohit Mehta, In its 40th year Principles of Electronics remains a comprehensive and succinct textbook for students preparing for B Tech B E B Sc diploma and various other engineering examinations It also caters to the requirements of those readers who wish to increase their knowledge and gain a sound grounding in the basics of electronics Concepts fundamental to the understanding of the subject such as electron emission atomic structure transistors semiconductor physics gas filled tubes modulation and demodulation semiconductor diode and regulated D C power supply have been included added and updated in the book as full chapters to give the reader a well rounded view of the subject

**A Textbook of Electrical Technology** BL Theraja, 2014-07 For Mechanical Engineering Students of Indian Universities It is also available in 4 Individual Parts **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 **Fundamentals of Microprocessors & its Application** A.K.Chhabra, 2005 World first Microprocessor INTEL 4004 a 4 bit Microprocessor came in 1971 forming the series of first generation microprocessor Science then with more and advancement in technology there have been five Generations of Microprocessors However the 8085 an 8 bit Microprocessor is still the most popular Microprocessor The present book provides a simple explanation about the Microprocessor its programming and interfacing The book contains the description mainly of the 8 bit programmable Interrupt Interval Timer Counter 8253 Programmable communication Interface 8251 USART 8251A and INTEL 8212 8155 8256 8755 and 8279 Basic Electronics BL Theraja, 2006-12 Aims of the Book The foremost and primary aim of the book is to meet the requirements of students pursuing following courses of study 1 Diploma in Electronics and Communication Engineering ECE 3 year course offered by various Indian and foreign polytechnics and technical institutes like City and Guilds of London Institute CGLI 2 B E Elect Comm 4 year course offered by various Engineering Colleges efforts have been made to cover the papers Electronics I II and Pulse and Digital Circuits 3 B Sc Elect 3 Year vocationalised course recently introduced by Approach Principles Of Electrical Engineering And Electronics

V. K. Mehta,1998 *Software Engineering* Sajan Mathew,2007 This book is a comprehensive step by step guide to software engineering This book provides an introduction to software engineering for students in undergraduate and post graduate programs in computers Basic Electrical Engineering Dr. Ramana Pilla, Dr. M Surya Kalavathi & Dr. G T Chandra Sekhar,2022-01-03 This book is designed based on revised syllabus of JNTU Hyderabad AICTE model curriculum for under graduate B Tech BE students of all branches those who study Basic Electrical Engineering as one of the subject in their curriculum The primary goal of this book is to establish a firm understanding of the basic laws of Electric Circuits Network Theorems Resonance Three phase circuits Transformers Electrical Machines and Electrical Installation **Tribology in Industries** Srivastava, Sushil Kumar,2004-08 A Textbook cum reference book for Undergraduate Graduate and Postgraduate students of Mechanical Electrical Maintenance and Production Engineering disciplines This book would also be of immense help to various practising engineers technologists managers and supervisors engaged in the maintenance operation and upkeep of the different machines equipments systems and plants of various industries **Indian Books in Print** ,2003 **Publisher's Monthly** ,2005 Principles of Electronics V. K. Mehta,1995 **Principles of Electrical Engineering** Rohit Mehta,V. K. Mehta,2011 **Principle of Electrical Engineering and Electronics** Mehta V.K. & Mehta Rohit,2014 This book has been revised thoroughly A large number of practical problems have been added to make the book more useful to the students Also included multiple choice questions at the end of each chapter **Principles of Electrical Machines** VK Mehta | Rohit Mehta,2002 For over 15 years Principles of Electrical Machines is an ideal text for students who look to gain a current and clear understanding of the subject as all theories and concepts are explained with lucidity and clarity Succinctly divided in 14 chapters the book delves into important concepts of the subject which include Armature Reaction and Commutation Single phase Motors Three phase Induction motors Synchronous Motors Transformers and Alternators with the help of numerous figures and supporting chapter end questions for retention International Books in Print ,1991 **Indian Book Industry** ,1996 **Bulletin of the Institution of Engineers (India)**. Institution of Engineers (India),1981 *Electrical and Electronic Engineering Principles* Noel Malcolm Morris,1994 Covers the requirements of BTEC and similar courses to Diploma level

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