

POLYTECHNIC

3rd SEMESTER

ELECTRICAL & ELECTRONICS ENGINEERING MATERIALS

CONDUCTING MATERIAL



Polytechnic 3rd Semester Subject For Electronic Engineering

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CONCEPTS OF ELECTRICAL AND ELECTRONICS ENGINEERING K. Shashidhar, 2013-05-17 **CONCEPTS OF ELECTRICAL AND ELECTRONICS ENGINEERING** is intended to be used as a text book for I Semester Diploma in Computer Science and Engineering This book is designed for comprehensively covering all topics relevant to the subject Each and every topic has been explained in a very simple language as per the syllabus prescribed by the Board of Technical Education Karnataka This book is divided into ten chapters Chapter 1 Electric Current and DC Circuits Chapter 2 Electrostatics Chapter 3 Electromagnetic Induction Chapter 4 AC Fundamentals Chapter 5 Transformers Chapter 6 Protection of Electric and Electronic Circuits Chapter 7 Motors Chapter 8 Electronic Components Chapter 9 Basics of Electronics Chapter 10 Op amp The text provides detailed explanations and uses numerous easy to follow examples accompanied by diagrams and step by step solutions Illustrative problems are presented in terms of commonly used voltages and current ratings To enhance the utility of the book important points and review questions objective and descriptive type have been included at the end of each chapter Model question papers have been provided to help students prepare better for the semester examinations It is hoped that the book will be of immense use to teachers and students of Polytechnics Suggestions for improvement in the future editions of this book will be appreciated I wish to express my gratitude to MEI Polytechnic Bangalore for providing me an

opportunity to bring out this text book I am grateful to Sri Nitin S Shah M s Sapna Book House Bangalore for publishing this book I am thankful to M s Datalink Bangalore for meticulous processing of the manuscript of this book *Which Degree?* 2007 Crimson Publishing, Limited,2007 Provides information for students wishing to narrow their choice of course before turning to prospectuses saving them precious time when they need it most Grouped by study field this volume is divided into subject chapters with courses arranged alphabetically by title and institution **Universities Handbook** ,2010

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