

MATHEMATICS



Advanced Engineering Mathematics, 2nd Ed.

R N Yadava, Anil Goyal, Ramakant Bhardwaj and Sarvesh Kumar Agrawal

Objective of this book is to provide to the students of Master of Technology/Engineering a simple, clear and logical presentation of the basic concepts of various branches of advanced mathematics. The book has been prepared according to the syllabus of various Technical Universities in India and is conceived as a textbook for the course in Master of Technology/Engineering of all branches and specializations. The contents of the book have been systematically organized and spread over twenty one chapters. Each chapter begins with the fundamentals and explained with different type of solved examples. The book not only covers the entire scope of the subject but explains the philosophy of the mathematical methods, statistical methods, numerical methods, computational methods including Matlab; and makes the understanding of the subject more interesting.

Contents: 1. Vector Spaces, 2. Hermite Polynomials, 3. Functions, 4. Solution of Partial Differential Equations, 5. Numerical Solution of Partial Differential Equations, 6. Fourier Transform, 7. The Discrete Fourier Transform, 8. Wavelet and Haar Transform, 9. Theory of Probability, 10. Theoretical Distribution, 11. Sampling Distribution (Large Samples), 12. Theory of Estimation, 13. Theory of Testing a Hypothesis, 14. Markov Analysis, 15. Queuing Theory, 16. Fuzzy Sets, 17. Decision Theory, 18. Calculus of Variation, 19. Theory of Reliability and Fault Tolerance, 20. Goal Programming, 21. MATLAB

About the Authors

Prof. R. N. Yadava, M.Sc. (BHU Varanasi), Ph. D. (IIT Bombay), Raman Research Fellow and a founder member of RRL (CSIR) Bhopal has served CSIR as Director Gr. Sci. and executed a variety of research projects at National & International level; and supervised Research Scholars and PG Students for their Ph. D. & M. Tech. thesis respectively. Prof. Yadava currently is working as Director of the Patel Institute of Technology (PGOI) Bhopal and having adequate research and teaching experience at UG and PG level. He has been invited to deliver technical talks in the esteemed universities of USA, Canada, UK, Germany, The Netherlands, Thailand, Korea, Australia, etc. and to Chair Technical Sessions in National and International Conferences. He has published his research papers in journals of international repute.

Dr. Anil Goyal, M.Sc. & Ph.D from the Barkatullah University, Bhopal, have taught various subjects as per curriculum to the students of M.Sc., M.Tech., M.C.A., and B.E. and guided Major and Minor Projects of students. Also he has supervised research fellows for their Ph.D. thesis. He has published a number of research papers in International and National journals. He is co-author of three books namely 'Engineering Mathematics-I', 'Engineering Mathematics-II' & 'Discrete Mathematics' according to RGTU syllabus. Presently he is working as Prof & Head of the Department of Engineering Mathematics, University Institute of Technology, RGTU, Bhopal (MP).

Dr. Ramakant Bhardwaj, M.Sc. & Ph.D. from the Barkatullah University, Bhopal (MP) is working as Assistant Professor in the Department of Mathematics of Truba Institute of Engineering & Information Technology at Bhopal. He has published research papers in journals of International repute and also presented research papers in national and international conferences. He is also co-author of two books entitled 'Comprehensive Remedial Mathematics' and 'Remedial Mathematics' for the students of B. Pharmacy as per the syllabus of UPTU and UTU.

Sarvesh Kumar Agrawal, M.Sc., & M. Phil., has published a number of research papers in International and National journals and participated in many national and international conferences. He is also co-author of two books namely 'Comprehensive Remedial Mathematics' and 'Remedial Mathematics' for the UG students of B. Pharma. of UPTU and UTU. Presently he is working as an Assistant Professor in the Department of Mathematics, Truba Institute of Science & Technology, Bhopal.

2012 527 pp 978-93-81075-60-9 BSPBSP *Rs. 350.00

Textbook of Engineering Mathematics

G. Shanker Rao

This book on mathematics is designed as a textbook for the first year students of engineering and technology. The book covers the syllabus prescribed in most of the Indian Universities. There are seven chapters in the book.

This book contains the following topics:

- Calculus • Matrices • Differential Calculus -1 • Differential Calculus -2
- Beta, Gamma functions and Multiple Integrals • Vector Calculus • Differential Equations

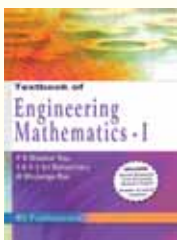
Every topic is treated in a systematic, logical and lucid manner. Each chapter in the book is supplemented with a number of worked out examples, as well as number of problems to be solved by the students. This would help in better understanding of the subject.

Contents: 0. Preliminaries, 1. Matrices, 2. Differential Calculus – I, 3. Differential Calculus – II, 4. Multiple Integrals, 5. Multiple Integrals, 6. Differential Equations

About the Author

G.Shanker Rao, formerly the Head of the department of Mathematics at Government, Girraj PG college, Nizamabad, is presently a member of staff, at the department of mathematics at the University College of Engineering, Osmania University, Hyderabad. He has nearly 37 years of experience in teaching Numerical Analysis, Graph theory, Statistics and Mathematical Modeling to the under graduate and post graduate students. A prolific writer, he has authored more than 25 books. His books include Numerical Analysis and Discrete Mathematical structures.

2012 539 pp 978-93-81075-57-9 BSPBSP Rs. 295.00

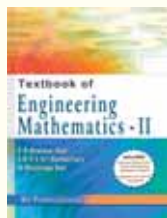


Textbook of Engineering Mathematics - I

P.B. Bhaskar Rao, S.K.V.S. Sriramachary and M. Bhujanga Rao

Contents: 1. Sequence and Series 2. Functions of Single Variables 3. Application of Functions of Single Variables 4. Integration and Its Applications 5. Differential Equations of First Order and their Applications 6. Higher Order Linear Differential Equations and their Applications 7. Laplace Transforms 8. Vector Calculus

2011 978-93-81075-17-3 1022 pages BSPBSP Rs. 325.00



Textbook of Engineering Mathematics - II

P.B. Bhaskar Rao

Contents: 1. Linear Systems Chapter 2. Eigen Values and Eigen Vectors 3. Linear Transformations 4. Quadratic Forms 5. Fourier Series 6. Partial Differential Equations 7. Solution of Partial Differential Equations 8. Fourier Transforms

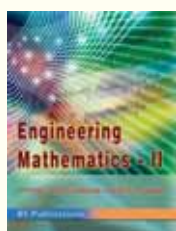
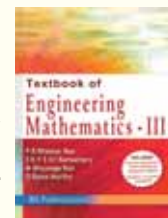
2011 638 pp 978-93-81075-18-0 BSPBSP Rs. 295.00

Textbook of Engineering Mathematics - III

P.B. Bhaskar Rao

Contents: 1. Special Functions – I 2. Special Functions – II 3. Functions of a Complex Variable 4. Complex Integration 5. Complex Power Series 6. Contour Integration 7. Conformal Mapping 8. Elementary Graph Theory

2011 647 pp 978-93-81075-19-7 BSPBSP Rs. 285.00

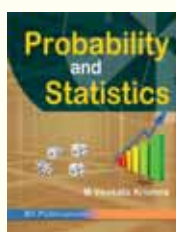


Engineering Mathematics-I

R. N. Yadava, Ramakant Bhardwaj and Sarvesh Kumar Agrawal

Content: **UNIT-I:** 1. Fourier Series, 2. Fourier Transform, **UNIT-II:** 3. Laplace Transforms and Its Applications, **UNIT-III:** 4. Second Order Differential Equations, 5. Series Solution of Differential Equations and Special Equations, **UNIT-IV:** 6. Partial Differential Equations, 7. Separation of Variable, **UNIT-V:** 8. Vector Calculus, 9. Vector Integral Calculus, Practice Problems

2011 454 pp 978-93-81075-52-4 BSPBSP Rs. 250.00

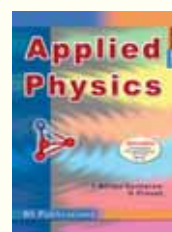


Probability and Statistics

M. Venkata Krishna

Contents: 1. Probability, 2. Random Variables, 3. Distributions, 4. Testing of Hypothesis I, 5. Testing Hypothesis II, 6. Small Samples, 7. Correlation and Regression, 8. Queuing Theory, 9. Stochastic

2010 317 pp 9788178002408 BSPBSP Rs. 195.00

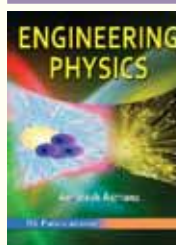


Applied Physics, 3rd Ed.

T. Bhima Sankaram and G. Prasad

2008 455 pp 978-81-7800-195-0 BSPBSP Rs. 225.00

PHYSICS



Engineering Physics

Ashutosh Asthana

During the past three decades engineering has witnessed dramatic changes. In the days gone by, one would think impossible what is possible now. The modern technological advancement has acquired a unique status and reputation in almost all the segments of engineering and physics the base of all. This book covers the syllabi of Uttarakhand Technical University (UTU), Goutam Buddha Technical University (GBTU), Maha Maya Technical University (MMTU), Jawaharlal Nehru Technical University (JNTU), Rajasthan Technical University, Madhya Pradesh Technical University, Engineering Colleges in South India, NIT's etc.

Salient Features

- Text of this book is simple, coherent and complete
- Illustrations and diagrams are used in effective way to explain difficult topic
- Large number of questions on each topic with previous year examination questions of different universities
- Solved numerical examples on every topic
- Numerous objective problems as well as short questions according to new pattern of examination
- All topics in the book are in simple language
- Mathematical steps are clear, complete and step by step
- Large number of numerical problems after every chapter

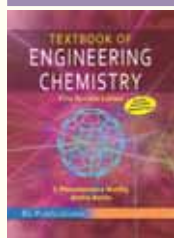
Contents: 1. Relativistic Mechanics, 2A. Interference, 2B. Diffraction, 3A. Polarisation, 3B. Lasers, 4. Radiation, 5A. Wave Mechanics, 5B. X-Ray Diffraction 6A. Dielectric Properties of Materials, 6B. Magnetic Properties of Materials, 6C. Ultrasonics, 7. Electromagnetics, 8A. Superconductivity, 8B. Science and Technology of Nanomaterials, ANNEXURE: Fiber Optics

About the Author

Ashutosh Asthana obtained his Post Graduate degree in first division from Banaras Hindu University, Varanasi, with specialization in Nuclear Physics. He is a recipient of Gold Medal during graduation and got fellowship from the Government of Uttar Pradesh. He has qualified CSIR-UGC, N.E.T and GATE in Physical Sciences. He is actively involved with the innovation in sciences at the junior level. Currently he is Assistant Professor in the Department of Physics at R.R. Institute of Modern Technology, Lucknow, affiliated to Uttar Pradesh Technical University, Lucknow. He had participated in many National and International Conferences. He had participated at 'IIIT Allahabad, in 'Nobel Laureate Conclave' held in December 2008 and at Summer School on 'Renewable Energy Based Technology' at National Institute of Technical Teachers training and Research held in August 2009 at Chandigarh. He is pursuing his research work on 'Solar Radiation and to Evaluate the Performance Index of some PV modules'. His areas of interest are: Renewable energy resources, high energy physics and nano-material technology.

2012 772 pp 978-93-81075-43-2 BSPBSP Rs. 375.00

CHEMISTRY



Textbook of Engineering Chemistry (For B.Tech Students)

C. Parameswara Murthy and Andra Naidu

Contents: 1. Electrochemistry and Batteries 2. Corrosion and its Control 3. High Polymers (Plastics, Rubbers, Adhesives and Laminates) 4. Water and Waste Water 5. Surface Chemistry 6. Energy Sources (Chemical Fuels) 7. Phase Rule 8. Material Chemistry

2012 439 pp 978-81-910192-3-0 BSPBSP Rs. 200.00



Engineering Chemistry

C V Agarwal, C P Murthy and Andra Naidu

Contents: 1. Water and its Industrial Applications 2. Fuels and Combustion (Chemical Fuels) 3A. Lubricants 3B. Cement and Refractories 4. High Polymers Plastics, Rubbers, Conducting Polymers and Liquids Crystals 5A. Spectroscopy 5B. Water Analysis

2011 223 pp 978-81-7800-259-0 BSPBSP Rs. 175.00



Practical Engineering Chemistry

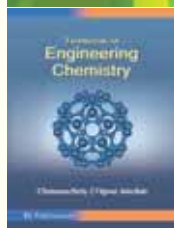
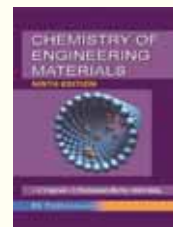
Dr. K. Mukkanti

2009 180 pp 978-81-7800-201-9 BSPBSP Rs. 125.00

Chemistry of Engineering Materials, 9th Ed.

C.V. Agarwal, C.P. Murthy, Andra Naidu

2006 560 pp 81-7800-116-0 BSPBSP Rs. 225.00



Textbook of Engineering Chemistry

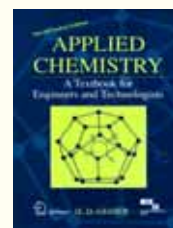
C. Parameswara Murthy, C.V. Agarwal, Andra Naidu

2006 1042 pp 81-7800-117-9 BSPBSP Rs. 325.00

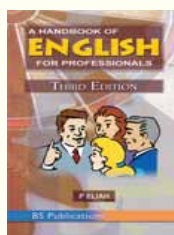
Applied Chemistry: A Textbook for Engineers and Technologists

H.D. Gesser

Rpt. 2005 404 pp 978-81-8489-343-4 BSPSPR Rs. 495.00



ENGLISH & SOFT SKILLS



A Handbook of English for Professionals, 3rd Ed

P. Eliah

This Handbook has been conceived and designed keeping in view the needs and requirements of professional students and learners. The ever-expanding horizons of knowledge call for a matching improvement and updating of communicative skills and strategies. Professionals of all shades, engineers, technologist and managers require a fair grasp of functional grammar, sufficient stock of vocabulary, and the ability to enhance the scope of their expression with the help of prefixes and suffixes. Different writing and speaking skills and formats, as suitable to the context have been covered in this edition. Additional items, such as, videoconferencing, chairing meetings and foreign words and phrases have been included in this volume.

Contents: Unit I - GRAMMAR: 1. Parts of Speech 2. Punctuation Unit II - COMPOSITION: 1. Features of a Good Sentence 2. Paragraph 3. Essay 4. Synopsis 5. Report Writing 6. Letter Writing 7. Note-Taking 8. Concord 9. Common Errors 10. Listening Skills 11. Fast Reading Skills 12. Reading Comprehension Unit III - VOCABULARY DEVELOPMENT: 1. Spelling and Pronunciation 2. Prefixes and Suffixes 3. Synonyms and Antonyms 4. Foreign Words and Phrases 5. Words and Expressions to Avoid 6. Analogy 7. Pairs of Words UNIT IV - SPEAKING SKILLS: 1. Phonetics 2. Oral Communication Skills UNIT V - COMMUNICATION SKILLS: 1. Communication 2. Modern Office Technology 3. Idiomatic Expressions 4. Job-Seeking Techniques 5. Building a Team 6. Team Leadership

About the Authors

Dr. P. Eliah was formerly Professor of English and Chairman, Board of Studies for Humanities and Social Sciences, Jawaharlal Nehru Technological University, Hyderabad (AP). He has 49 years of teaching experience in different capacities. He participated in a number of national and international seminars and workshops and presented papers and articles. Dr. Eliah has so far published two volumes of poetry in English and a good number of volume of reading material in addition to the present volume.

2012 9789381075623 333 pp BSPBSP PB Rs. 275.00

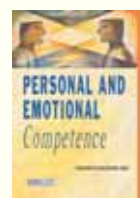


Successful Career Soft Skills and Business English Personality Development and Career Path

Varanasi Bhaskara Rao and Y. Kameswari

Contents: Part A : Successful Career and Soft Skills, Introduction, Section I : From Nowhere To Somewhere 1. Set Forth the Journey, 2. Unique Path, Section II : Wherefore You Know Where, 1. Choice of Career, 2. Control of Careers, 3. Enterprise, Entrepreneurship and Ethics, Section III : Where on - To Weather, Not Wither, 1. Steering Through, Soaring High, 2. Swerve and Sever Section IV : From Here To Eternity, 1. Fitness, 2. Utility, 3. Legacy, Epilogue, Appendix I, Appendix II, Appendix III, Appendix IV, Appendix V, Appendix VI, Part B : Business English, Section V : British Legacy - Use of English, 1. Where does Indian English stand?, 2. Communication - Written and Oral, 3. Conversations in writing, 4. Report writing

2010 500 pp 978-81-7800-239-2 BSPBSP Rs. 350.00



Personal and Emotional Competence

Varanasi Bhaskara Rao

2006 221 pp 81-7800-119-5 Rs. 225.00

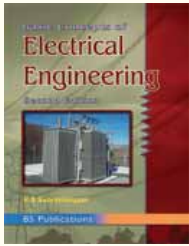


Communicative Competence

Varanasi Bhaskara Rao

2006 269 pp 81-7800-118-7 Rs. 225.00

BASICS OF ENGINEERING



Basic Concepts of Electrical Engineering, 2nd Ed.

NEW

P. S. Subramanyam

An earnest attempt has been made in the book 'Basic Concepts of Electrical Engineering' to elucidate the principles and applications of Electrical Engineering and also its importance, so as to evince interest on the topics so that the student gets motivated to study the subject with interest. This book fully caters to the needs of students undergoing a course on "Basic Electrical Engineering" in C.S.E and I.T. disciplines in J.N.T. University, Hyderabad. It also caters to the needs of the students of Mechanical and Civil Engineering Disciplines of J.N.T.U.H for the Electrical Engineering part (5 units) fully for their "Electrical and Electronics Engineering" subject. The subject matter has been presented in a graded manner with the above objective in mind. This book is a revised edition of the earlier book, include following features: Some additional information is given on Loop and Nodal Analysis using Kirchoff's

Voltage Law and Current Law for understanding of the Circuit Analysis and A.C. Machines clearly.

- A chapter on Magnetic Circuits and Electromagnetic Induction is added as a pre-requisite to understand Electrical Machines.
- A chapter on Three Phase Systems is given separately to understand Three Phase Machines.
- Additional topics like Stepper Motors and Universal Motors have been added and the book has been designed to cater to the needs of students studying Basic Electrical Engineering Course or Electrical Engineering Technology Course in different Universities.
- For better understanding and grasp of the subject, a set of Comprehension Questions and Exercises have been provided at the end of each chapter.

Contents: 1. D.C.Circuit Concepts & Circuit Elements 2. D.C. Circuit Analysis & Network Theorems 3. Fundamentals Of Alternating Current 4. A.C. Circuits 5. Magnetic Circuits & Electro - Magnetic Induction 6. Transformers 7. Rotating Machines - I - D.C. Machines 8. Rotating Machines - II - Synchronous Machines 9. Rotating Machines-III - Induction Motors and Special Motors 10. Electrical Measuring Instruments 11. Introduction to Power System

About the Author

Dr. Subramanyam S. Pisupati, is a holder of Doctorate in Engineering from IIT, Madras has a vast experience in industrial (Electrical Power Generation and Control), academic and administrative areas. He is a fellow of The Institution of Engineers (India), fellow of National Federation of Engineers, senior member of IEEE, member of Computer Society of India, member of Indian Society for Technical Education. He has guided a number of B.Tech, M.Tech, and Ph.D. projects in Power Systems, published a number of papers in National and International Journals and authored several textbooks. Basically from Electrical Engineering discipline, he cross migrated to the field of Computer Science and Engineering, working as Head of the Department of Computer Science and Engineering, and Information Technology for 20 years. Being Principal of J. B. Institute of Engineering and Technology, Hyderabad, he is instrumental in getting additional branches and additional intake sanctioned. He is also instrumental in getting accreditation by All India Council for Technical Education (AICTE) for J.B.I.E.T. He also got several PG courses like M.Tech., MCA and MBA sanctioned for J.B.I.E.T. He also got the Jawahar Knowledge Centre sanctioned for J.B.I.E.T. and ran it successfully. He got In-campus and Off-campus Placements done by several M.N.Cs for J.B.I.E.T. and students of other colleges also. At present Prof. Dr. P.S. Subramanyam is a Professor in the Department of E.E.E. in Vignana Bharathi Institute of Technology, Aushapur, Ghatkesar Mandal at the outskirts of Hyderabad. Dr. P.S. Subramanyam has been awarded the Best Student Branch Councillor Award twice by IEEE, Hyderabad section.

2013 9788178002781 725 pp BSPBSP PB Rs. 450.00



Fundamentals of Mechanical Engineering

Anil Kumar and K. Sudhakar

The book has been written strictly according to the new revised syllabus of the subject "Basic Mechanical Engineering" for all Indian Technical Universities and Institutes.

Salient features

- The presentation is made in a simple way for better understanding of students
- Distinctive coverage on all topics.
- Presentation of suitable illustrations with clear diagram.
- Solved examples and problems wherever necessary is included in each chapter.
- Review questions are given in each chapter to help the students for their examinations.

Contents: 1. Materials 2. Measurement 3. Fluids 4. Thermodynamics 5. Reciprocating Machines

About the Authors

Dr. Anil Kumar, Ph.D, is Assistant Professor in Department of Energy at Maulana Azad National Institute of Technology Bhopal. He was awarded Senior Research fellowship from Centre for Energy Studies, Indian Institute of Technology Delhi. He worked in Rajiv Gandhi Proudyogiki Vishwavidyalaya (M.P. State Technological University), Bhopal from 2005 to 2010. He has been actively involved in teaching and research in the area of Mechanical Engineering and continuing his lectures in Basic Mechanical Engineering for 5 years. His major research areas are in the field of Renewable Energy, Solar Thermal Energy and Heat Transfer. He has published many research papers in International/National journals and conferences. He has been a resources person in several International/National conferences. . **Sudhakar** obtained his B.E in Mechanical Engineering from Government College of Engineering, Salem, Madras University. And M.Tech in Energy Management from School of Energy & Environment Studies, Devi Ahilya University, Indore. He was awarded senior research fellowship from DST. Govt...Of India for Doctoral Research and worked in National Institute of Technology, Tiruchirapalli from 2008-2010. He has been actively involved in teaching & research in the area of Energy & Environment. His major research areas include Carbon Sequestration, Biofuel, Alternate Energy sources, Hybrid Energy systems, Energy Auditing. He has published many research papers both in referred national & international journals and conferences proceedings. He is a certified Energy Manager & Auditor by BEE. He has been keynote speaker and resource person at several International & National conferences and programmes. He has delivered several invited lectures in reputed institutes.

2012 978-93-81075-58-6 336 pp BSPBSP Rs. 250.00

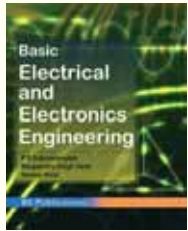
Basic Mechanical Engineering

A.R. Israni and P.K. Shah

Contents: 1. Introduction 2. Fuel and Combustion 3. Properties of Gases 4. Properties of Steam 5. Heat Engines 6. Steam Boiler 7. Internal Combustion Engines 8. Speed Control 9. Pumps 10. Air Compressors 11. Refrigeration and Air Conditioning 12. Couplings, Clutches and Brakes 13. Power Transmission System 14. Important Engineering Materials

2011 641 pp 978-93-81075-35-7 BSPBSP Rs. 325.00



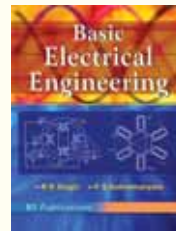


Basic Electrical and Electronics Engineering

P. S. Subramanyam et al.

Content: Unit – I: 1. Basics of electrical engineering, 2. D.c. Circuit analysis using mesh and nodal analysis, 3. Fundamentals of alternating current, 4. A.c. Single phase and three phase circuits, **Unit – II:** 5. Magnetic circuits & electromagnetic induction 6. Transformers, **Unit – III:** 7. D.c. Machines, 8. A.c machines - i synchronous machines, 9. A.c. Machines - ii induction motors **Unit – IV:** 10. Digital electronics, **Unit – V:** 11. Electronic components and circuits 12. Cathode ray oscilloscope

2011 978-93-81075-47-0 BSPBSP Rs. 350.00



Basic Electrical Engineering

R.K.Singh and P. S. Subramanyam

Content: 1. Basics of electrical engineering, 2. D.C. Circuit analysis using mesh and nodal analysis, 3. Fundamentals of alternating current, 4. A.C. Single phase and three phase circuits, 5. Magnetic Circuits & Electro - Magnetic Induction, 6. Transformers, 7. Rotating machines- I: D.C. Machines 8. Rotating machines- II: synchronous machines 9. Rotating machines- III: Induction motors and special motors, 10. Electrical measuring instruments

2011 553 pp 9789381075531 BSPBSP Rs. 300.00



Basic Concepts of Information Technology Workshop, 3rd Ed.

G. Praveen Babu and M.V. Narayana

Contents : 1 Fundamentals of Computer 2. Assembling & Disassembling 3 Installation of Windows XP and Vista 4 Linux Installation and Basic Commands 5 Hardware Troubleshooting 6 Software Troubleshooting 7 A Basic guide to Internet 8 Surf the Internet 9 Search Engines 10 Antivirus Software 11 Word Orientation 12 Creating Project 13 Creating a Newsletter 14 Microsoft Office Excel 15 Microsoft Office Excel 16 LaTeX and MS/equivalent (FOSS) tool PowerPoint 17 Microsoft PowerPoint **Module Tests**

2010 266 pp 978-81-7800-223-1 BSPBSP Rs. 150.00



Basic Computer Engineering

Prashant Lakkadwala

Contents : 1. Basic Concepts of Computer with Classification and Application 2. Fundamental of Operating System and Programming Generation and Approach 3. Basics of C++ and Object Oriented Approach 4. Introduction to Database Management System 5. Concepts of Networking with Internet and Network Security, E-Commerce

2011 277 pp 978-93-81075-11-1 BSPBSP * Rs.175.00

ENGINEERING DRAWING



Textbook of Engineering Drawing, 4th Ed. (as per BIS:SP46:2003) with AutoCAD

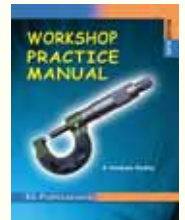
K. Venkata Reddy

2009 483 pp 978-81-7800-208-8 BSPBSP Rs. 250.00

Workshop Practice Manual, 6th Ed.

K. Venkata Reddy

2008 200 pp 978-81-7800-150-0 BSPBSP Rs. 125.00



FORTHCOMING BOOKS

Engineering Mathematics - I

Dr. R. N.Yadava, Dr. Ramakant Bhardwaj and Prof. Sarvesh Kumar Agrawal

Contents: UNIT - I 1. Expansion of Functions 2. Partial Differentiation 3. Maxima and Minima 4. Curvature **UNIT – II** 5. Definite Integral 6. Beta and Gamma Functions 7. Definite Integral 8. Volumes and Surfaces **UNIT – III** 9. Ordinary Differential Equations 10. First Order and Higher Degree Differential Equations 11. Linear Differential Equations with Constant Coefficients 12. Variation of Parameters **UNIT – IV** 13. Matrices 14. Algebra of Logic 15. Boolean Algebra 16. Graph Theory and Fuzzy Logic

A Textbook of Engineering Graphics

D.A. Hindoliya

Contents: 1. Introduction 2. Scales 3. Conic Sections 4. Special Curves 5. Projections 6. Projections of Points 7. Projections of Lines 8. Projections of Planes 9. Projections of Solids 10. Sections of Solids 11. Development of Surfaces 12. Isometric Projections 13. Computer Aided Drafting (CAD)

CONTACT OUR NEAREST REPRESENTATIVE FOR ASSISTANCE

NORTH ZONE : Amit Jha - 09555778814; delhi@bspbooks.net; punjab@bspbooks.net
Avadesh Kumar Tiwari - 09628223111; 09415810938; up@bspbooks.net/ uttarakhand@bspbooks.net

WEST ZONE : maharastra@bspbooks.net/ gujarat@bspbooks.net

CENTRAL ZONE : Teerath Patel - 09893719561; mp@bspbooks.net

EAST ZONE : Krishna Patro - 09861760260; orissa@bspbooks.net

SOUTH ZONE : B. Sunil Dutt - 09502924613; andhrapradesh@bspbooks.net;
S. Sukumar - 09976513469; tamilnadu@bspbooks.net

Please send your orders / enquiries

Imprints: **BSP** BS Publications  PharmaMed Press
(An imprint of Pharma Book Syndicate)



BSP Books Pvt. Ltd.

4-4-309 / 316, Giriraj Lane, Sultan Bazar, Koti, Hyderabad - 500 095.

Ph: 040-23445688, 23445605, Fax : 91+40-23445611 e-mail: info@bspbooks.net; info@pharmamedpress.com

In case of any difficulty, please contact

MR. VASUDEV RAO - Marketing Manager (M)
09701334178 e-mail: vasudev.rao@bspbooks.net