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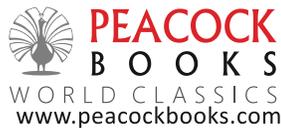
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ATLANTIC PUBLISHING GROUP



- Established in 1977, renowned for academic, professional and general publishing.
- Modern high-tech offices and distribution warehouses spread over 100,000 sq. ft. Operates with a dedicated team of more than 200 professionals.
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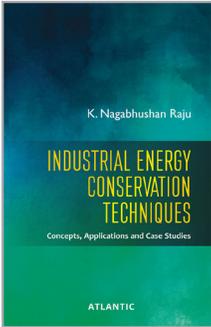
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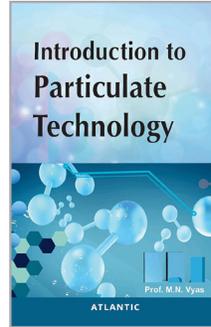


Industrial Energy Conservation Techniques

Concepts, Applications and Case Studies
K. Nagabhushan Raju, Associate Professor, Instrumentation, Sri Krishnadevaraya University | Master's in Energy Conservation, Doctorate in Instrumentation

"Industrial Energy Conservation Techniques: Concepts, Applications and Case Studies" explores the importance of energy conservation in industrial systems post-oil crisis. It emphasizes interdisciplinary collaboration and practical skills for energy efficiency. The book offers foundational knowledge, case studies, and insights from energy audits, benefiting technical professionals and engineering students seeking to enhance their understanding of modern energy systems.

ATLANTIC | 2025 | 368 pp
 HB | 9788126941858 | **INR 995**

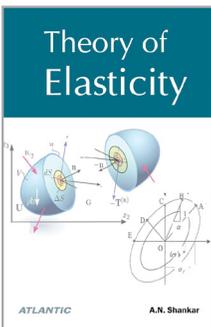


Introduction to Particulate Technology

Prof. M.N. Vyas, Visiting professor, Chemical Engineering Institutions, Gujarat | M.S. (Chemical Engineering), University of Bradford, UK, P.G. Diploma (Chemical Engineering), Kings College, University of London, UK

This book introduces particle technology basics to undergraduates in Mechanical Operations and postgraduates in Particle Technology. It covers powder technology from academic and industry perspectives, emphasising its role in chemical engineering. The text, enriched with practical examples and solutions, simplifies complex topics like catalytic cracking and pharmaceutical manufacturing for easy comprehension.

ATLANTIC | 2023 | 272 pp
 HB | 9788126935888 | **INR 1495**

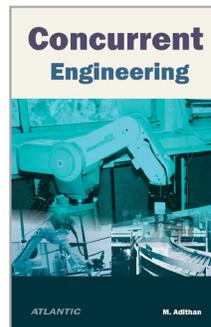


Theory of Elasticity

A.N. Shankar, Professor, Civil Consultant | B.E. (Civil), M.Tech (Computer Aided Design of Structures), Ph.D., University of Petroleum and Energy Studies

A student-oriented introduction to the theory of elasticity, covering stress and strain analysis, stress-strain relationships, three-dimensional rectangular coordinates, and polar coordinate systems, with step-by-step derivations and solved problems tailored to civil, mechanical, and aerospace engineering students.

ATLANTIC | 2023 | 190 pp
 HB | 9788126931521 | **INR 695**

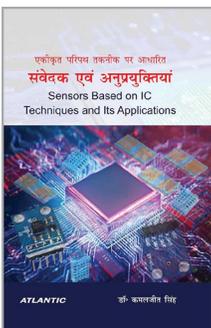


Concurrent Engineering

M. Adithan, Professor Emeritus, VIT University | B.E. (Hons), M.Sc. (Engineering), College of Engineering, University of Madras, Ph.D. from IIT Madras

Concurrent Engineering, a new branch of Manufacturing/Mechanical Engineering, is gaining popularity in Indian industries. Its implementation leads to reduced lead time, agility, and competitiveness. Recognising its importance, universities have integrated it into Mechanical Engineering curricula. Proficiency in Concurrent Engineering benefits students entering the manufacturing industry.

ATLANTIC | 2022 | 156 pp
 HB | 9788126934133 | **INR 695**

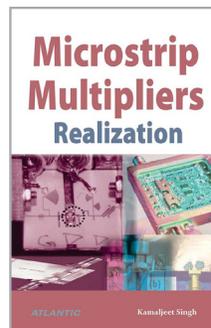


Sensors Based on IC Techniques and Its Applications

Dr. Kamaljeet Singh, Working, SEG (System Engineering Group) | M.Tech, Ph.D.

A practical guide explaining how integrated circuit (IC)-based sensor technologies function and are applied across modern systems. It introduces MEMS and micro-electronics-driven sensors, their design principles, operational characteristics, and real-world uses in everyday and industrial contexts.

ATLANTIC | 2022 | 178 pp
 HB | 9788126933495 | **INR 795**

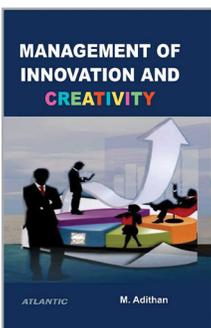


Microstrip Multipliers Realization

Kamaljeet Singh, SEG (System Engineering Group) | M.Tech, Ph.D.

This book explores practical implementations of multipliers at microwave frequencies using diode, transistor, and mixer topologies. It covers planar circuits, non-linear modeling, and system-level simulations, emphasizing scalability and implementation. The text also delves into RF fundamentals, diode basics, and future topologies, offering valuable insights for students and researchers.

ATLANTIC | 2022 | 254 pp
 HB | 9788126933693 | **INR 895**

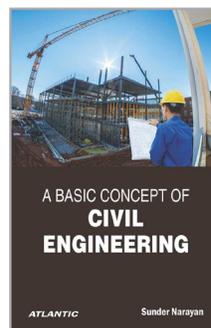


Management of Innovation and Creativity

M. Adithan, Professor Emeritus, VIT University | B.E. (Hons), M.Sc. (Engineering), College of Engineering, University of Madras, Ph.D. from IIT Madras

This book addresses the importance of innovation and creativity in education and industry. It caters to university engineering and management students with 21 chapters covering related topics, evaluative questions, national startup ecosystem insights, creative design case studies, quotations, riddles and a model question paper.

ATLANTIC | 2022 | 170 pp
 HB | 9788126932672 | **INR 595**

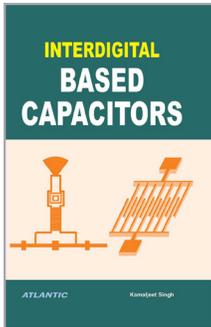


A Basic Concept of Civil Engineering

Sunder Narayan, Former Assistant Professor, Annamalai University of Engineering | M.E. (Structural Engineering), S.R.M. Engineering College, University of Madras

This book educates aspiring civil engineers on the fundamentals of the field, covering history, professions, materials, structures and more. Suitable for students, architects and enthusiasts, the book offers clear explanations with illustrations and references. It serves as a valuable resource for understanding civil engineering principles.

ATLANTIC | 2021 | 254 pp
 HB | 9788126927142 | **INR 750**

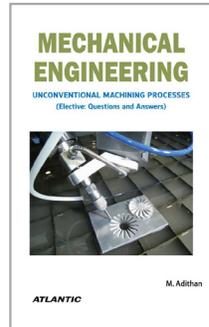


Interdigital Based Capacitors

Kamaljeet Singh, Working, SEG (System Engineering Group) | M.Tech, Ph.D.

The book delves into capacitor basics and planar capacitor implementation in electronic circuits, covering design, modeling, fabrication and characterisation of interdigital topology. It explores filtering applications, emphasising interdigital topology's versatility from sensors to RF. With chapters on realisation and CMOS compatibility, it's a valuable resource for researchers, engineers, faculty and students.

ATLANTIC | 2021 | 224 pp
HB | 9788126932658 | INR 795



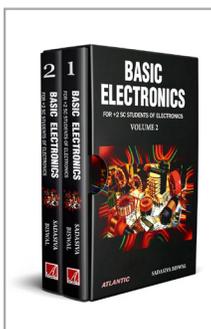
Mechanical Engineering

Unconventional Machining Processes
(Elective: Questions and Answers)

M. Adithan, Professor Emeritus, VIT University | B.E. (Hons), M.Sc. (Engineering), College of Engineering, University of Madras, Ph.D. from IIT Madras

This book educates students on various unconventional machining techniques like Ultrasonic Machining, Laser Beam Machining, and more, detailing their applications in industries like automobile, aerospace, and electronics. The text includes illustrations, review questions, and test papers to assess student learning outcomes effectively.

ATLANTIC | 2021 | 212 pp
HB | 9788126931415 | INR 595



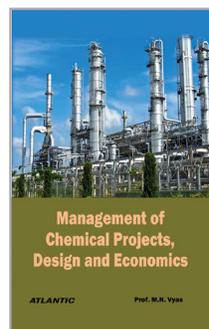
Basic Electronics (2 Vols. Set)

For +2 Sc Students of Electronics

Sadasiva Biswal, Retired Principal & Former Professor, Physics, Suddhananda Engineering and Research Centre | M.Sc., Ph.D.

This book, a two-volume set, covers essential topics like resistors, capacitors, transistors and digital electronics. Designed for beginners, it emphasises conceptual understanding over mathematical derivations. The book's simple language and lecture-style presentation make it accessible, with numerous solved numerical problems to aid comprehension.

ATLANTIC | 2021 | 760 pp
HB | 9788171569427 | INR 1990

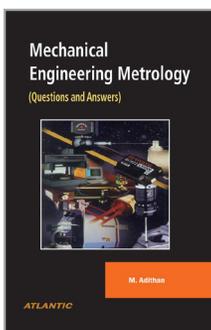


Management of Chemical Projects, Design and Economics

Prof. M.N. Vyas, Visiting professor, Chemical Engineering Institutions, Gujarat | M.S. (Chemical Engineering), University of Bradford, UK, P.G. Diploma (Chemical Engineering), Kings College, University of London, UK

This book covers process design, engineering, construction, and pre-commissioning stages. It emphasises statutory approvals, risk management and environmental impact assessments. The book simplifies complex topics with diagrams and illustrations. Designed for project engineers, it fills a gap in the market for comprehensive chemical project management resources.

ATLANTIC | 2020 | 206 pp
HB | 9788126931293 | INR 695



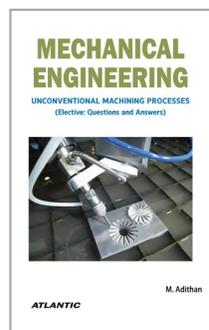
Mechanical Engineering Metrology

(Questions and Answers)

M. Adithan, Professor Emeritus, VIT University | B.E. (Hons), M.Sc. (Engineering), College of Engineering, University of Madras, Ph.D. from IIT Madras

This book on mechanical engineering metrology explains measurement theory, instruments, and techniques. Using a question-and-answer format, it includes diagrams, numerical problems, review questions, model papers, and tables to help students understand concepts and apply them practically.

ATLANTIC | 2020 | 304 pp
HB | 9788126931453 | INR 895



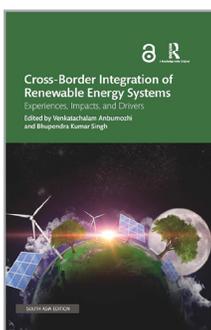
Mechanical Engineering

Unconventional Machining Processes
(Elective Questions And Answers)

M. Adithan, Professor Emeritus, VIT University | B.E. (Hons), M.Sc. (Engineering), College of Engineering, University of Madras, Ph.D. from IIT, Madras

The book "Mechanical Engineering: Unconventional Machining Processes" aims to educate students on various unconventional machining methods and their applications in industries like Automobile, Aerospace, and Electronics. It covers processes such as ultrasonic machining, laser beam machining, and chemical machining, detailing energy sources, equipment, metal removal mechanisms, and recent advancements. The text includes illustrations, review questions, and test papers for student evaluation.

ATLANTIC | 2020 | 212 pp
HB | 9788126931415 | INR 595



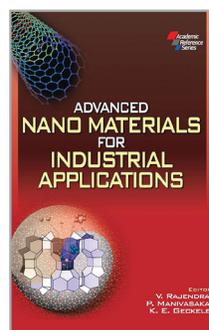
Cross-Border Integration of Renewable Energy Systems

Experiences, Impact, and Drivers

Venkatachalam Anbumozhi, Director, Strategy and Innovations, Research Institute for ASEAN and East Asia (ERIA) | B.E. (Agricultural Engineering), Ph.D., The University of Tokyo
Bhupendra Kumar Singh

This book delves into global energy trade models, focusing on India's Northeast region and South/Southeast Asia. It highlights renewable energy integration efforts and potential cross-border trade benefits. Analysing drivers, constraints and solutions, it emphasises the importance of clean energy trade for low-carbon development and policy-making in the region.

ROUTLEDGE INDIA | 2024 | 308 pp
HB | 9781032768496 | INR 1235

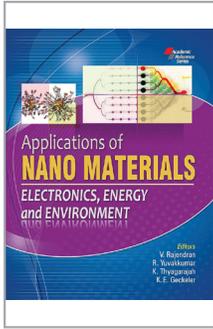


Advanced Nano Materials For Industrial Applications

V. Rajendran
P. Manivasakan
K.E. Geckeler

"Advanced Nano Materials For Industrial Applications by V. Rajendran, published by Bloomsbury, explores the use of advanced nano materials in various industrial applications. The book delves into the potential benefits and practical implications of utilizing these materials, providing insights into their role in enhancing industrial processes and products."

BLOOMSBURY INDIA | 2013 | 360 pp
HB | 9789382563341 | INR 1495



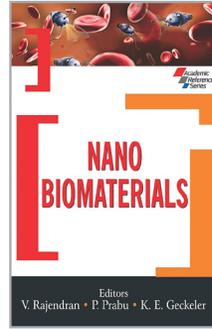
Applications of Nano Materials

Electronics, Energy and Environment

V. Rajendran
R. Yuvakkumar
K. Thyagarajah
K.E. Geckeler

The book "Applications of Nanomaterials: Electronics, Energy and Environment" explores the various uses of nanomaterials in these fields. It covers applications in electronics, energy, and environmental sectors. The book delves into how nanomaterials are utilized in these areas, providing insights into their practical applications and benefits.

BLOOMSBURY INDIA | 2013 | 388 pp
HB | 9789382563358 | INR 1495

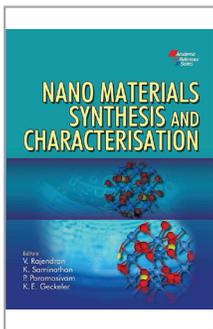


Nano Biomaterials

V. Rajendran
P. Prabhu
K.E. Geckeler

Nano Biomaterials explores the biological synthesis, structural properties, and applications of nanomaterials derived from organisms like plants, algae, and microbes. It discusses structure, morphology, medicinal potential, corrosion resistance, cytotoxicity, and antimicrobial behavior for varied scientific and engineering uses.

BLOOMSBURY INDIA | 2013 | 331 pp
HB | 9789382563372 | INR 1495

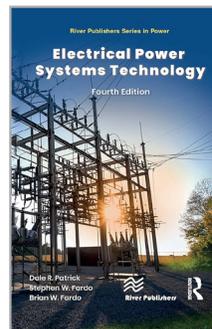


Nano Materials Synthesis and Characterisation

V. Rajendran
K. Saminathan
P. Paramasivam
K. E. Geckeler

The book "Nano Materials Synthesis and Characterisation" focuses on the synthesis and characterization of nanomaterials. It delves into methods of creating these materials and analyzing their properties. The text provides insights into the processes involved in producing and studying nanomaterials, offering valuable information on this specialized field.

BLOOMSBURY INDIA | 2013 | 366 pp
HB | 9789382563365 | INR 1495

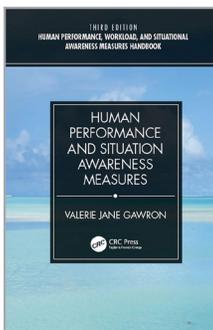


Electrical Power Systems Technology

Dale R. Patrick, Professor, Department of Applied Engineering and Technology, Eastern Kentucky University | B.Sc., Indiana State University
Stephen W. Fardo
Brian W. Fardo

This book covers power system technologies, focusing on components like measurement, generation, and control. It features simplified concepts, practical applications, and abundant illustrations. A new chapter explores evolving power system technologies and operational considerations.

RIVER PUBLISHERS | 2022 | 540 pp
HB | 9788770226660 | GBP 135

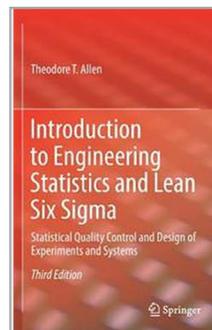


Human Performance, Workload, and Situational Awareness Measures Handbook 2 Vols. Set

Valerie Jane Gawron

This two-volume set serves as a resource for selecting measures to evaluate human/machine systems, suitable for researchers and practitioners. Volume 1 covers steps in test development, human performance, workload, and situational awareness measures. Volume 2 focuses on workload measures. It includes an engineering tutorial, information on measures, data requirements, and strengths/limitations of each measure.

CRC PRESS | 2019 | 456 pp
HB | 9781138391574 | GBP 230

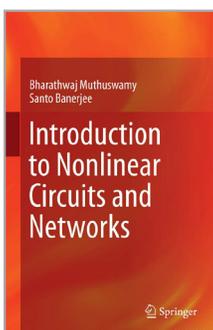


Introduction to Engineering Statistics and Lean Six Sigma

Statistical Quality Control and Design of Experiments and Systems
Theodore T. Allen

The book "Introduction to Engineering Statistics and Lean Six Sigma" explores the integration of lean production and six sigma methods, emphasizing the "lean sigma" hybrid. It covers various six sigma methods, including control charts, failure mode analysis, Taguchi methods, gauge R&R, and genetic algorithms. The second edition expands on Design For Six Sigma (DFSS) concepts, making it a valuable resource for students, educators, and practitioners.

SPRINGER | 2019 | 629 pp
HB | 9781447174196 | EUR 119.99

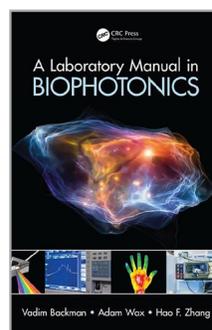


Introduction to Nonlinear Circuits and Networks

Bharathwaj Muthuswamy
Santo Banerjee

The book offers a contemporary, comprehensive introduction to the subject, covering topics beyond typical textbook content. It includes worked examples, exercises, and solutions, providing a self-contained learning experience.

SPRINGER | 2019 | 360 pp
HB | 9783319673240 | EUR 99.99

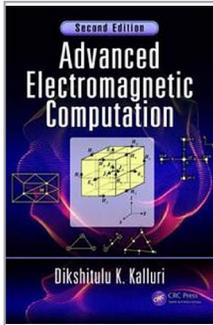


A Laboratory Manual in Biophotonics

Vadim Backman
Adam Wax
Hao F. Zhang

The textbook on biophotonics provides a comprehensive guide for students and professionals, covering topics from basic concepts to advanced applications. It aims to deepen understanding of optical techniques in biomedical research, emphasizing light-tissue interactions and new analysis methods. Suitable for classroom use, it equips readers with practical knowledge for biophotonics research.

CRC PRESS | 2018 | 500 pp
HB | 9781439810514 | GBP 115

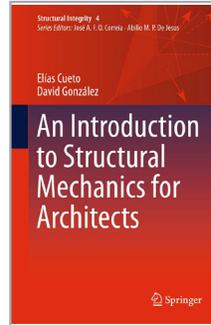


Advanced Electromagnetic Computation

Dikshitulu K. Kalluri

This book details advanced computational methods in electromagnetics, explaining algorithms like finite differences, the moment method, finite element, and finite-difference time-domain. It uses hand-computed and MATLAB examples to clarify concepts, includes case studies on transmission lines and waveguides, and adds chapters on perturbation techniques and 3D finite element analyses.

CRC PRESS | 2018 | 376 pp
HB | 9781498733403 | **GBP 110**

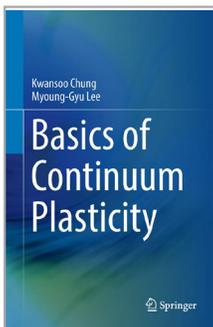


An Introduction to Structural Mechanics for Architects-Vol. 4

Elias Cueto
David González

This textbook introduces structural mechanics to architects, offering a unique approach different from traditional engineering books. It presents historical and typological analyses of structures, starting with cable structures and progressing to frame structures. The book aims to provide architecture students with a more engaging understanding of structural mechanics and models.

SPRINGER | 2018 | 235 pp
HB | 9783319729343 | **EUR 79.99**

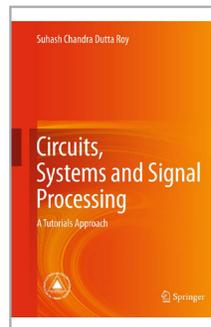


Basics of Continuum Plasticity

Kwansoo Chung
Myoung-Gyu Lee

This book introduces plasticity principles and continuum mechanics for students and engineers. It covers plasticity characteristics, beam bending, torsion, and one-dimensional to three-dimensional plasticity laws. Designed for a semester course, it includes homework problems and focuses on sheet metal forming. Prerequisites include engineering mathematics and solid mechanics introductory courses.

SPRINGER | 2018 | 585 pp
HB | 9789811083051 | **EUR 109.99**



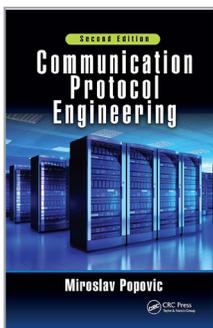
Circuits, Systems and Signal Processing

A Tutorial Approach

Suhash Chandra Dutta Roy

This book covers essential topics in signals and systems and electronic circuits, aligning with standard Electrical Engineering programs. It serves as a supplementary text for related courses, offering tutorials to enhance understanding, simplify procedures, and explore alternative approaches. Suitable for students, instructors, and professionals seeking a comprehensive review in these domains.

SPRINGER | 2018 | 425 pp
HB | 9789811069185 | **EUR 89.99**

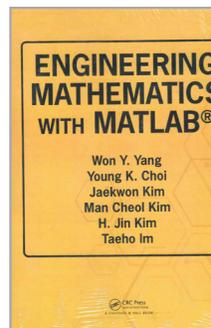


Communication Protocol Engineering

Miroslav Popovic

The book helps readers master communication protocol engineering, focusing on the latest standard TTCN-3 for conformance testing. It covers process algebra CSP, detailing how to model, simulate, and verify CSP models using PAT. Updated chapters enhance understanding, making it a valuable resource for learning protocol engineering principles and techniques.

CRC PRESS | 2018 | 565 pp
HB | 9781138558120 | **GBP 145**



Engineering Mathematics with MATLAB

Man Cheol Kim
H. Jin Kim
Taeho Im

This book aims to assist readers in comprehending engineering mathematics concepts, techniques, terminologies, and equations through MATLAB. Utilizing MATLAB for computations can save time and reduce errors. Basic MATLAB knowledge is recommended for readers.

CRC PRESS | 2018 | 741 pp
HB | 9781138059337 | **GBP 120**

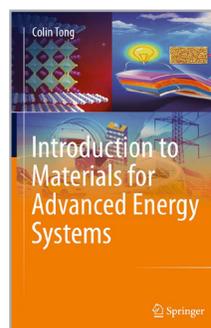


Fundamentals of Biomaterials

Vasif Hasirci
Nesrin Hasirci

"Introduction to Biomaterials is a foundational book for advanced undergraduate and graduate students, emphasizing the relationship between structure, properties, design, and engineering. It showcases the significance of biomaterials through examples, aiming to integrate material and biological properties for optimized designs. The text covers material properties, interactions with biological mediums, and advanced topics like Tissue Engineering and Nanobiomaterials."

SPRINGER | 2018 | 432 pp
HB | 9781493988549 | **EUR 109.99**

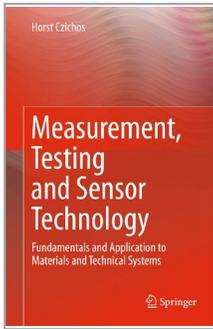


Introduction to Materials for Advanced Energy Systems

Colin Tong

This comprehensive textbook covers materials and manufacturing processes for various energy systems, including fossil, nuclear, solar, wind, and more. It emphasizes the application of scientific principles to enable energy systems, discussing properties, performance, and trends in emerging materials. Suitable for science and engineering students, it also serves as a reference for professionals.

SPRINGER | 2018 | 829 pp
HB | 9783319980010 | **EUR 129.99**

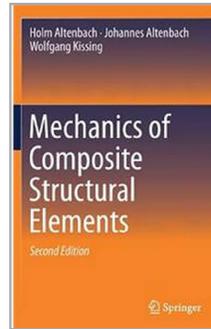


Measurement Testing and Sensor Technology

Fundamentals and Application to Materials and Technical Systems
Horst Czichos

This book covers principles, methods, and techniques for characterizing materials and technical systems. It is divided into three parts: the first covers measurement, testing, and sensor technology fundamentals; the second discusses materials characterization; and the third introduces general systems theory for characterizing technical systems like mechatronic and tribological systems, focusing on diagnostics and performance control.

SPRINGER | 2018 | 213 pp
HB | 9783319763842 | EUR 84.99

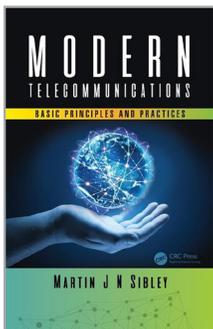


Mechanics of Composite Structural Elements

Holm Altenbach
Johannes Altenbach
Wolfgang Kissing

This textbook systematically introduces the structural mechanics of composite materials, focusing on modeling and calculation of laminated and sandwich structures. It bridges classic mechanics with anisotropic behavior, finite element analysis, and solved examples for aerospace, civil, and mechanical engineering applications.

SPRINGER | 2018 | 503 pp
HB | 9789811089343 | EUR 109.99

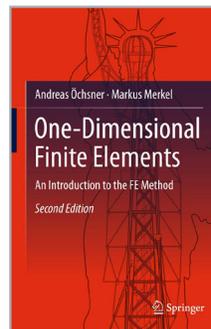


Modern Telecommunications

Basic Principles and Practices
Martin J. N. Sibley

"Modern Telecommunications: Basic Principles and Practices" delves into the fundamentals and advanced systems of telecommunications, covering modulation, noise, digital and analogue communications, transmission lines, and broadcast systems. The book explains digital and analogue transmissions, minimizes mathematical complexity, relates to everyday systems, includes end-of-chapter problems, and is suitable for undergraduate courses.

CRC PRESS | 2018 | 202 pp
HB | 9781138578821 | GBP 130

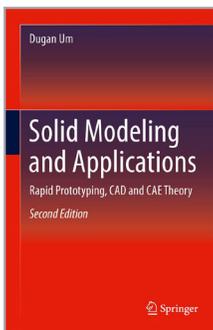


One-Dimensional Finite Elements

An Introduction to the FE Method
Andreas Öchsner
Markus Merkel

This textbook focuses on finite element methods using one-dimensional elements to explain basic and advanced mechanical problems clearly and accurately. It covers standard and advanced topics like plasticity and composite materials, with examples and exercises in each chapter. The second edition includes revised figures, a new chapter on special elements, and thermal conduction analysis.

SPRINGER | 2018 | 418 pp
HB | 9783319751443 | EUR 99.99

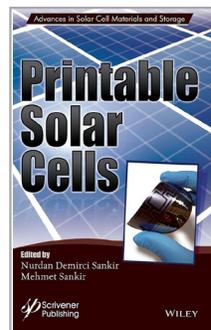


Solid Modeling and Applications

Rapid Prototyping, CAD and CAE Theory
Dugan Um

The second edition of "Solid Modeling and Applications" offers an expanded treatment of Finite Element Method (FEM) and recent trends in rapid prototyping. It includes more descriptions, exercises, and questions, with a focus on surface theory. The book is suitable for university students and design engineers, providing theoretical knowledge and practical skills for real-world applications.

SPRINGER | 2018 | 335 pp
HB | 9783319745930 | EUR 84.99

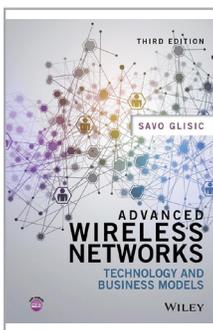


Printable Solar Cells

Nurdan Demirci Sankir

"Printable Solar Cells" explores advancements in materials and manufacturing techniques for efficient and cost-effective photovoltaic devices. The book covers organic and inorganic hybrid materials, thin film deposition methods, perovskite solar cells, and interface engineering. It targets a diverse audience in various fields such as physics, chemistry, and renewable energy engineering.

AMERICAN CERAMIC | 2017 | 576 pp
HB | 9781119283713 | USD 274.95

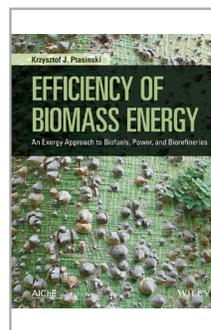


Advanced Wireless Networks

Technology and Business Models
Savo G. Glisic

The third edition of this reference explores enabling technologies for 5G wireless networks, anticipating industry adoption of select solutions. It covers network architectures, analysis tools, and the challenge of establishing a global standard amidst complexity. The book aims to engage vendors, operators, regulators, and academics in shaping the future of wireless technology.

WILEY | 2016 | 864 pp
HB | 9781119096856 | USD 190.95

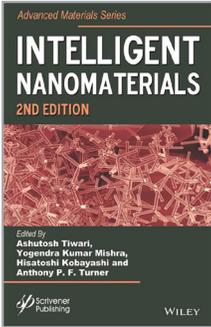


Efficiency Of Biomass Energy

An Exergy Approach to Biofuels, Power, and Biorefineries
Krzysztof J. Ptasiński

The book examines energy and exergy efficiencies in bioenergy systems, covering processes from photosynthesis to final products like power and biofuels. Each chapter includes historical context, technology, and environmental aspects. It introduces exergy analysis and compares energy and exergy efficiencies. Case studies cover biofuels production, power generation, and biorefineries, with fossil fuel technologies for comparison.

WILEY | 2016 | 784 pp
HB | 9781118702109 | USD 218.95

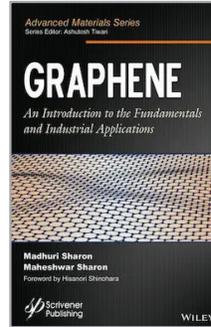


Intelligent Nanomaterials

Yogendra Kumar Mishra
Hisatoshi Kobayashi
Anthony P. F. Turner
Ashutosh Tiwari

The book provides a detailed overview of nanoscale intelligent materials, covering fabrication, characterization, and advanced principles for various applications. It emphasizes the importance of understanding and utilizing nanoscopic properties effectively, whether in composites or nanodevices. The content is structured into three themed sections focusing on different applications of nanomaterials.

AMERICAN CERAMIC | 2016 | 592 pp
HB | 9781119242482 | USD 252.95



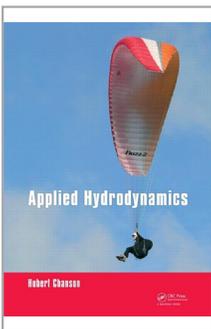
Graphene

An Introduction to the Fundamentals
and Industrial Applications

Madhuri Sharon
Maheshwar Sharon
Hisanori Shinohara
Ashutosh Tiwari

This book explores graphene, a versatile material with potential applications in various fields. It delves into graphene's history, properties, production methods, and applications, catering to readers with a basic science or engineering background. The aim is to provide practical, concise information for industries interested in implementing graphene technologies, offering references for further exploration.

AMERICAN CERAMIC | 2015 | 320 pp
HB | 9781118842560 | USD 196.95

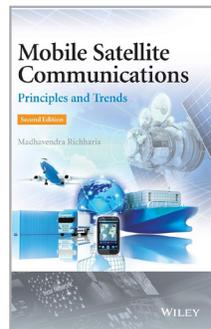


Applied Hydrodynamics

An Introduction
Hubert Chanson

This textbook covers Hydro- and Fluid Dynamics, focusing on forces and energies of fluids in motion. It includes practical examples like flow motion in sinks and air conditioning systems. Divided into ideal and real fluid flow sections, it serves as an intermediate course for senior undergraduate and postgraduate students in various engineering disciplines, with supporting notes, applications, and homework assignments.

CRC PRESS | 2014 | 448 pp
HB | 9781138000933 | GBP 105

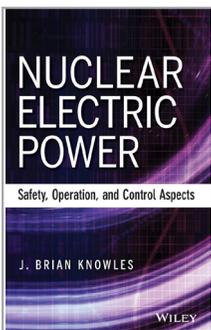


Mobile Satellite Communications

Principles and Trends
Madhavendra Richharia

The book on Mobile Satellite Communications covers the increasing demand for MSS, system architectures, devices, and applications. It provides a comprehensive guide to MSS technologies, system concepts, and business models. Aimed at engineers, researchers, service providers, and students, it addresses topics like radio links, satellite constellations, emerging technologies, and includes revision questions and a companion website.

WILEY | 2014 | 752 pp
HB | 9781119998860 | USD 184.95

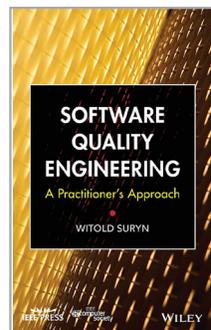


Nuclear Electric Power

Safety, Operation, and Control Aspects
J.B. Knowles

The book assesses renewable energy sources for power generation and covers nuclear electric power safety, operation, and control. It provides engineering evaluations for geothermal, solar, wind, tidal, and hydro power, comparing them with nuclear options. The text includes analyses on stability, control strategies, accidents, and Fukushima, targeting nuclear power agencies and professionals.

WILEY | 2014 | 236 pp
HB | 9781118551707 | USD 143.95

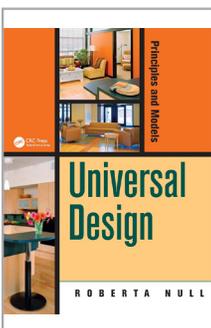


Software Quality Engineering

A Practitioner's Approach
Witold Suryn

"Software Quality Engineering explores software functional and structural quality in software engineering, emphasizing design efficiency and value. It covers quality at application and system levels, including Information Systems and Embedded Systems, and recent advancements. Aimed at graduate engineering students and quality specialists, the book delves into the relationship between functionality and quality, applying ISO/IEC JTC1 SC7 standards."

WILEY-IEEE | 2014 | 208 pp
HB | 9781118592496 | USD 119.95

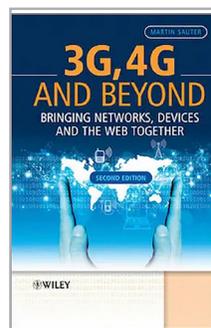


Universal Design

Principles and Models
Roberta Null

"Universal Design: Principles and Models" emphasizes the importance of designers understanding universal design principles to create functional, aesthetic, and quality living spaces for all, especially the aging population. The book showcases over 50 case studies, 300 illustrations, and diverse user scenarios to demonstrate successful applications of universal design in various environments and products.

CRC PRESS | 2014 | 394 pp
HB | 9781466505292 | GBP 220

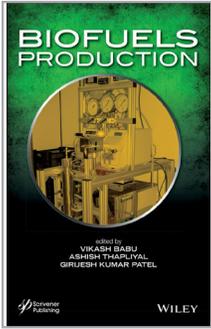


3G, 4G And Beyond

Bringing Networks, Devices and the Web Together
Martin Sauter

This book provides an updated evaluation of current and future network technologies, applications, and devices. It introduces next-generation network technologies, mobile devices, voice, multimedia services, and the mobile web 2.0. The text explains the standardization decisions behind popular wireless network standards like LTE, LTE-Advanced, and HSPA+, highlighting their influence on communication evolution.

WILEY-BLAC | 2013 | 378 pp
HB | 9781118341483 | USD 125.95

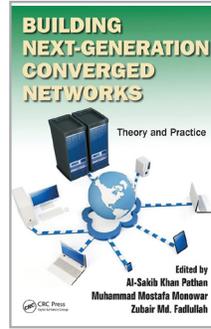


Biofuels Production

Vikash Babu
Ashish Thapliyal
Girijesh Kumar Patel

The book explores the global push for alternative energy sources amid dwindling fossil fuels, highlighting biomass fuel as a prominent contender. Emphasizing the potential for biofuels to support sustainable development, the volume provides advanced methods for biofuel production, catering to engineers, researchers, and students seeking a comprehensive approach in this field.

WILEY-SCRI | 2013 | 392 pp
HB | 9781118634509 | USD 231.95

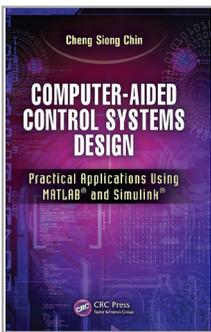


Building Next-Generation Converged Networks

Theory and Practice
Al-Sakib Khan Pathan
Muhammad Mostafa Monowar
Zubair Md. Fadlullah

"Building Next-Generation Converged Networks: Theory and Practice" offers a comprehensive introduction to next-generation networks, covering recent advancements and basic issues. The book, authored by 56 experts from 16 countries, explores new technologies like IPv6 and security. Organized into five parts, it caters to entry-level readers and professionals in wired or wireless networking.

CRC PRESS | 2013 | 604 pp
HB | 9781466507616 | GBP 130

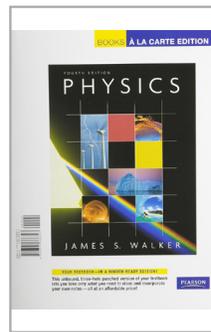


Computer-Aided Control Systems Design

Practical Applications Using MATLAB® and Simulink®
Cheng Siong Chin

"Computer-Aided Control Systems Design: Practical Applications Using MATLAB(R) and Simulink(R)" offers a foundation in applied control, illustrating control systems design with examples like the ALSTOM gasifier system and underwater robotic vehicles. The book emphasizes dynamic modeling, controller design, and software utilization, providing a guide for addressing control issues in industry.

CRC PRESS | 2013 | 384 pp
HB | 9781466568518 | GBP 205

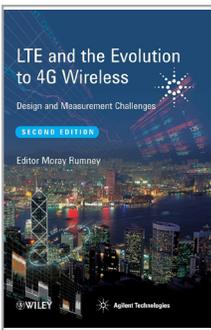


Introduction to Hybrid Vehicle System Modeling and Control

Wei Liu

This engineering reference book focuses on hybrid vehicle system analysis and design, drawing from the author's experience at research institutions and major vehicle companies like General Motors. It covers modeling, control, simulation, and design aspects, providing technical expertise, algorithm implementations, and practical examples. The book aids engineers in developing algorithms and understanding hybrid vehicle systems.

WILEY-BLAC | 2013 | 432 pp
HB | 9781118308400 | USD 103.95

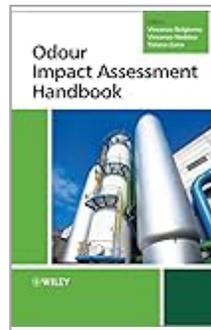


LTE and the Evolution to 4G Wireless

Design and Measurement Challenges
Moray Rumney

This updated guide on LTE design, test, and measurement offers insights from Agilent's experts. It covers LTE technology, MIMO, SC-FDMA, and challenges in verifying receiver, transmitter, and protocol designs. The second edition focuses on LTE-Advanced and testing specifications, providing practical and technical perspectives on conformance testing and the latest 3GPP standards.

WILEY | 2013 | 626 pp
HB | 9781119962571 | USD 137.95

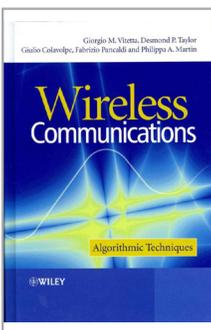


Odour Impact Assessment Handbook

Vincenzo Belgiorno
Vincenzo Naddeo
Tiziano Zarra

The book addresses the growing concern over odours in waste and industrial treatment plants, offering a framework for assessing, measuring, and monitoring odour emissions. It covers odour characterization, measurement methods, control strategies, dispersion modeling, regulations, impact assessment procedures, and includes case studies. Targeted at researchers and industry professionals in environmental and civil engineering fields.

WILEY-BLAC | 2013 | 312 pp
HB | 9781119969280 | USD 209.95



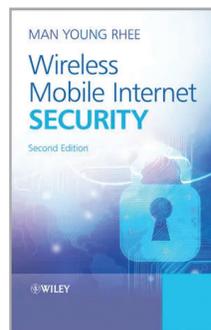
Wireless Communications

Algorithmic Techniques

Giorgio A. Vitetta
Desmond P. Taylor
Giulio Colavolpe
Fabrizio Pancaldi
Philippa A. Martin

This book delves into theoretical aspects of algorithms used in wireless communication systems, particularly in the physical and MAC layers. It emphasizes single-user systems and SISO systems, with some coverage of MIMO systems. Topics include channel equalization, channel coding, algebraic decoding, and modulation techniques, offering a comprehensive guide to wireless algorithmic techniques.

WILEY | 2013 | 744 pp
HB | 9780470512395 | USD 126.95

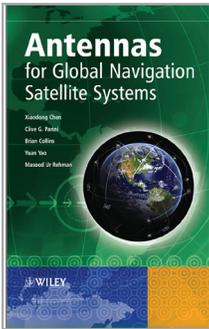


Wireless Mobile Internet Security

Man Young Rhee

The book discusses the growth of mobile and internet technologies, emphasizing the convergence of wired and wireless networks for enhanced performance and reduced costs. Dr. Rhee covers the development of wired/wireless internet communications up to 4G systems, focusing on security aspects. The text targets students and professionals in wireless networking and mobile communications.

WILEY | 2013 | 522 pp
HB | 9781118496534 | USD 148.95

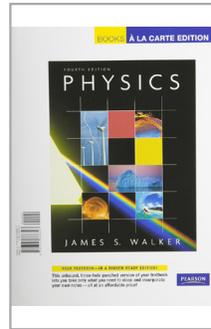


Antennas for Global Navigation Satellite Systems

Xiaodong Chen
Clive G. Parini
Brian Collins
Yuan Yao
Masood Ur Rehman

This book delves into the essentials and practical applications of antennas for Global Navigation Satellite Systems (GNSS). It covers GNSS fundamentals, design strategies for terminal and satellite antennas, performance enhancement methods, and impacts of user presence and environment. Real case studies are included to demonstrate GNSS implementation, targeting antenna designers, engineers, researchers, and students.

WILEY-BLAC | 2012 | 232 pp
HB | 9781119993674 | USD 136.95



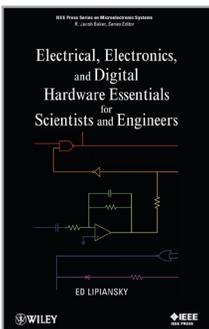
Distributed Sensor Systems

Practice and Applications

Jose M. Alcaraz Calero
Habib F. Rashvand
Joseph R. Thomas

This book explores the development of distributed sensing systems, focusing on sensor technology advancements and new applications. It emphasizes the importance of distributed intelligence in sensor networks, covering sensor technology, networking, and practical applications. The book includes case studies, technical details, and benefits of distributed sensing, making it a valuable resource for various professionals and postgraduates.

WILEY | 2012 | 382 pp
HB | 9780470661246 | USD 125.95

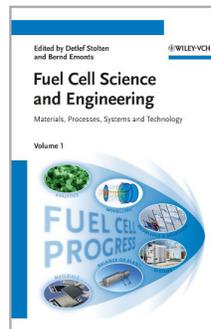


Electrical, Electronics, and Digital Hardware Essentials for Scientists and Engineers

Ed Lipiansky

"Electrical, Electronics, and Digital Hardware Essentials for Scientists and Engineers" is a practical guide for solving circuit board problems. It covers various circuit analysis topics, troubleshooting techniques, and design of a small CPU. The book is recommended for circuit engineers, semiconductor designers, and electric circuit testing engineers, offering detailed examples and illustrations.

WILEY-BLAC | 2012 | 664 pp
HB | 9781118304990 | USD 147.95



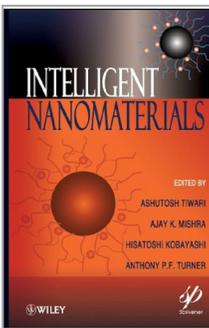
Fuel Cell Science and Engineering

Materials, Processes, Systems and Technology

Detlef Stolten
Bernd Emonts

The handbook delves into the role of fuel cells in future renewable energy systems, emphasizing hydrogen as an ideal fuel. It covers various fuel cell types, materials, production methods, analytics, and modeling. Quality assurance and development methodologies are discussed as fuel cells advance. Contributions come from experts in academia, industry, and government.

WILEY-VCH | 2012 | 1268 pp
HB | 9783527330126 | USD 426.95



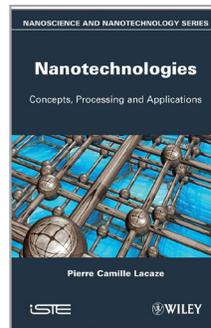
Intelligent Nanomaterials

Processes, Properties, and Applications

Ashutosh Tiwari
Ajay K. Mishra
Hisatoshi Kobayashi
Anthony P. F. Turner

"Intelligent Nanomaterials offers current insights into the field's advancements over the past three decades, focusing on new materials derived from basic elements and composites. The book is divided into four parts covering inorganic, organic, composite, and biomaterials, discussing research on processing, properties, and applications of intelligent nanomaterials with diverse functionalities."

WILEY-SCRI | 2012 | 864 pp
HB | 9780470938799 | USD 264.95



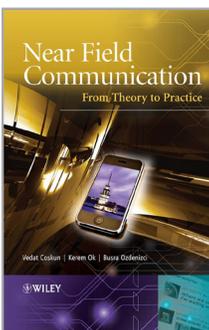
Nanotechnologies

Concepts, Processing and Applications

Pierre-Camille Lacaze

"Nanotechnologies: Concepts, Processing and Applications explores the integration of nanotechnologies into daily life, emphasizing their impact on societal issues. The book covers advancements in nanocarbon structures, microscopy techniques, and applications in electronics, energy storage, and solar energy conversion. It also discusses nanomachines, nanorobotics, medical applications, and future prospects, providing valuable insights for educators."

WILEY-BLAC | 2012 | 304 pp
HB | 9781848214385 | USD 177.95



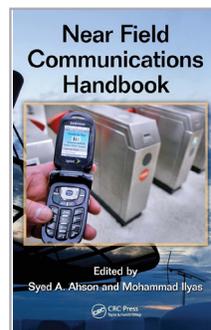
Near Field Communication

From Theory to Practice

Vedat Coskun
Kerem Ok
Busra Ozdenizci

This book provides a complete technical and practical overview of Near Field Communication technology, covering standards, operating modes, security, business ecosystems, and application development with Java, plus case studies and guidance for designers, developers, analysts, and professionals.

WILEY | 2012 | 390 pp
HB | 9781119971092 | USD 136.95

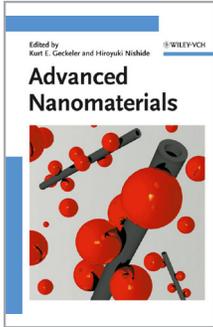


Near Field Communications Handbook

Syed A. Ahson
Mohammad Ilyas

The "Near Field Communications Handbook" offers a comprehensive technical overview of NFC technology, exploring applications and future directions. Written by 50 experts worldwide, it covers digital, biometric, and mobile security basics, NFC applications, and design guidelines for consumer markets. The book also discusses NFC's role in universities, cities, privacy management, nutrition tracking, and mobile payment services.

AUERBACH P | 2012 | 380 pp
HB | 9781420088144 | GBP 145

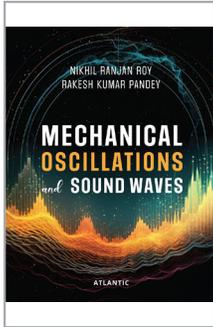


Advanced Nanomaterials 2 Vols. Set

Kurt E. Geckeler
Hiroyuki Nishide

This book features contributions from over 30 authors worldwide, covering key aspects of nanomaterials such as self-organization, polymers, bionanomaterials, nanotubes, photonic materials, and environmental considerations. It provides comprehensive, up-to-date, and informative insights into the field of nanomaterials.

WILEY-VCH | 2009 | 954 pp
HB | 9783527317943 | USD 540.75

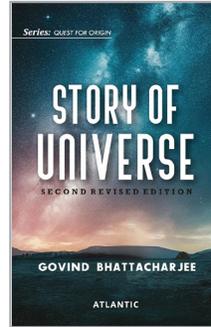


Mechanical Oscillations and Sound Waves

Nikhil Ranjan Roy, Retired Professor, Head of Department of Physics, Ranchi University
Rakesh Kumar Pandey, Assistant Professor, Department of Physics, Vinoba Bhave University | Ph.D. (Non-linear Optics and Quantum Mechanics)

"Mechanical Oscillations and Sound Waves provides a structured introduction to oscillatory motion of particles and rigid bodies, focusing on sound wave generation and propagation. Aligned with UGC curriculum guidelines, the book caters to undergraduate students in Indian universities. It covers key concepts, laws, and mathematical frameworks, offering real-world applications and practice exercises."

ATLANTIC | 2026 | 234 pp
 HB | 9788126911813 | INR 1195

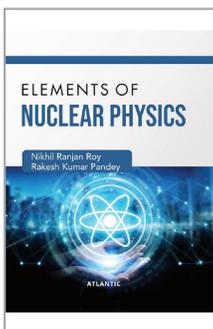


Story of Universe

Govind Bhattacharjee, Professor, Indian Institute of Public Administration, New Delhi | Ph.D. (Economics), M.C.A., M.B.A. (Financial Management), M.Sc. (Mathematics)

This insightful book takes readers on an extraordinary journey through time, from the universe's origins 13.7 billion years ago to the evolution of life on Earth. Written by physicist Stephen Weinberg, this captivating exploration delves into the mysteries of the cosmos, offering insights into the limits of human knowledge.

ATLANTIC | 2025 | 268 pp
 HB | 9788126911240 | INR 595

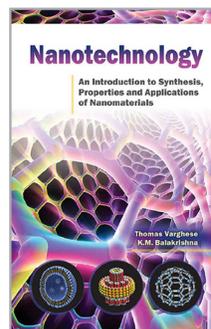


Elements of Nuclear Physics

Nikhil Ranjan Roy, Retired Professor, Head of Department of Physics, Ranchi University
Rakesh Kumar Pandey, Assistant Professor, Department of Physics, Vinoba Bhave University | Ph.D. (Non-linear Optics and Quantum Mechanics)

This is a comprehensive guidebook for undergraduate and postgraduate students in Indian universities, aligned with UGC curriculum guidelines. It covers nucleus properties, nuclear phenomena, and elementary particles physics. The book emphasises evolution of the subject, basic concepts, and methods, with solved problems and exercises for self-study.

ATLANTIC | 2024 | 566 pp
 HB | 9788126939183 | INR 1995



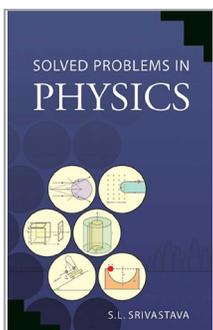
Nanotechnology

An Introduction to Synthesis, Properties and Applications of Nanomaterials

Thomas Varghese, Associate Professor in the Department of Physics, Nirmala College | M.Sc., B.Ed., M.Phil., Ph.D.
K.M. Balakrishna, Chairman, Department of Studies in Physics, Mangalore University | M.Sc., Ph.D.

Nanotechnology encompasses design, fabrication and application of nanostructures, with focus on physical properties at nanoscale. Its rapid growth in research and industry is evident through global programs. The book provides comprehensive insights on synthesis, properties and applications of nanomaterials, serving as an essential resource for students and professionals in the field.

ATLANTIC | 2024 | 224 pp
 HB | 9788126916375 | INR 695

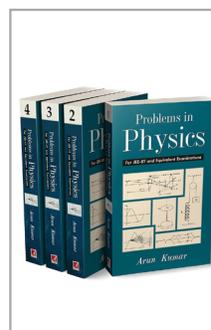


Solved Problems in Physics (2 Vols. Set)

S.L. Srivastava, Former Professor, Physics, University of Gorakhpur | Master's, Physics, University of Gorakhpur

This book offers over 2000 solved Physics problems for students preparing for exams like premedical tests, IIT (JEE) and civil services. It aims to clarify basic concepts and enhance problem-solving skills, crucial for success at various academic levels. The focus is on developing candidates' understanding and proficiency in Physics fundamentals.

ATLANTIC | 2021 | 1312 pp
 HB | 9788126904044 | INR 1990



Problems in Physics 4 Vols. Set

For JEE-IIT and Equivalent Examinations

Arun Kumar, Reader, Department of Physics, Ranchi College, Ranchi University | B.Com. (Hons.), L.L.B., F.C.A. AMIMA, M.A., Ph.D., M.Sc.

The book features problems from authoritative sources and engineering entrance exams, requiring basic physics knowledge. It avoids excessive derivations and emphasizes understanding principles and problem-solving techniques. With over 1000 solved problems and practice exercises, it aids students preparing for exams like JEE-IIT. Solutions are detailed, offering comprehensive insights for learners.

ATLANTIC | 2021 | 1624 pp
 HB | 9788126902491 | INR 3980

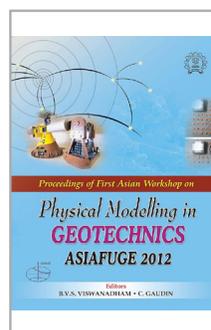


Handbook Of Acoustics

M. Venkatesan

This book is a comprehensive technical reference, covering key principles, technologies and applications in acoustics for engineers and researchers. It blends theory with practical insights across acoustic systems and design.

BLOOMSBURY INDIA | 2013 | 564 pp
 HB | 9789382563488 | INR 2400

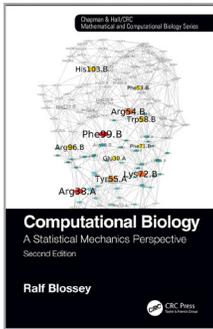


Physical Modelling In Geotechnics

B.V.S. Viswanadham
 C. Gaudin

Centrifuge modelling involves studying geotechnical processes through small-scale models under high acceleration fields. Geotechnical engineering problems are often region-specific and unique, making centrifuge studies valuable for solving complex issues. This volume presents high-quality articles on various geotechnical topics, particularly those related to infrastructure development, offering insights and solutions to societal challenges.

BLOOMSBURY INDIA | 2013 | 384 pp
 HB | 9789382563389 | INR 2495



Computational Biology

A Statistical Mechanics Perspective (2nd Edition)
Ralf Blossey

The Second Edition of the book on computational biology introduces statistical mechanics techniques for graduate students and researchers. It covers equilibrium and nonequilibrium aspects of biomolecular systems, electrostatic interactions, and network-based protein study. The content is updated and aligned with current research literature, with exercises to test comprehension of basic concepts.

CRC PRESS | 2019 | 332 pp
HB | 9781138587861 | GBP 100



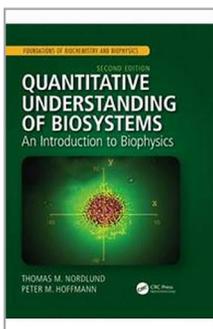
Fundamentals of Radio Astronomy 2 Vols. Set

Observational Methods and Astrophysics

Jonathan Marr
Ronald L. Snell
Stanley E. Kurtz

This two-volume set on radio astronomy fills a gap in undergraduate education, covering observational methods and astrophysical processes. Volume one discusses instrumentation and observation techniques, while volume two delves into physical processes generating radio emissions. Suitable for undergraduate and graduate courses, the set offers instructors flexibility in selecting relevant topics.

CRC PRESS | 2019 | 700 pp
HB | 9781498725811 | GBP 190

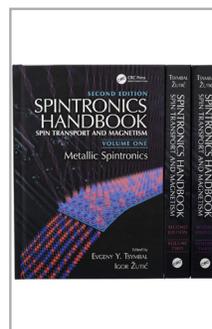


Quantitative Understanding of Biosystems

An Introduction to Biophysics (2nd Edition)
Thomas M. Nordlund
Peter M. Hoffmann

The updated edition of this biophysics textbook offers a comprehensive introduction to the physical aspects of biological systems, including new chapters on experimental techniques like atomic force microscopy. It features illustrations, calculations, and multimedia components, covering topics such as DNA twist measures and nanoscopy. Self-study problems and a glossary are included.

CRC PRESS | 2019 | 632 pp
HB | 9781138633414 | GBP 145



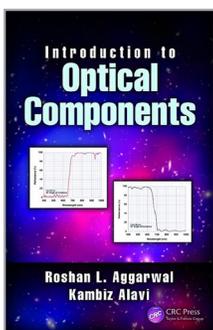
Spintronics Handbook 3 Vols. Set

Spin Transport and Magnetism

Evgeny Y. Tsybal
Igor Žutić

The second edition of the book provides an updated comprehensive survey of spintronics and magnetism, discussing various materials like silicon, organic semiconductors, carbon nanotubes, and graphene. It highlights pioneering work and recent advances, including two-dimensional materials, topological insulators, skyrmions, and molecular spintronics. The book covers physical phenomena, spin-dependent tunneling, spin and magnetism control in semiconductors, and spin-based applications.

CRC PRESS | 2019 | 2168 pp
HB | 9781498769723 | GBP 270

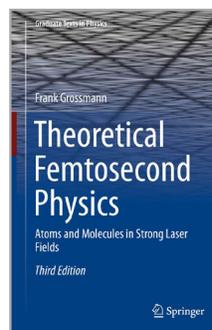


Introduction to Optical Components

Roshan L. Aggarwal
Kambiz Alavi

"Introduction to Optical Components" offers a practical guide on optical sources, detectors, and components for engineers and students. The book covers lenses, mirrors, diffraction gratings, polarizers, windows, filters, beamsplitters, sources, and detectors with clear illustrations and minimal derivations. Suitable for undergraduate optics courses and practitioners, it includes homework problems for mastery.

CRC PRESS | 2018 | 199 pp
HB | 9780815392910 | GBP 130

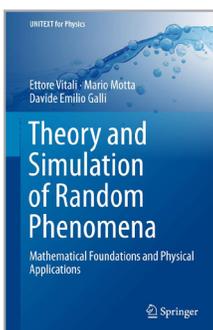


Theoretical Femtosecond

Physics: Atoms and Molecules in Strong Laser Fields
Frank Grossmann

This textbook covers fundamentals and advanced topics in femtosecond laser physics, explaining how atoms and molecules interact with intense, ultrashort laser pulses. It includes analytical and numerical treatments, physical phenomena like ionization and high-order harmonics, and exercises with solutions.

SPRINGER | 2018 | 318 pp
HB | 9783319745411 | EUR 79.99



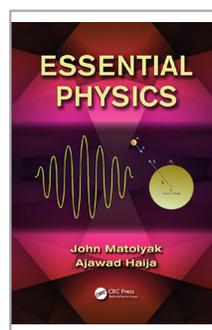
Theory and Simulation of Random Phenomena

Mathematical Foundations and Physical Applications

Ettore Vitali
Mario Motta
Davide Emilio Galli

This book aims to provide a comprehensive understanding of probability theory and stochastic processes, guiding readers from basic concepts to advanced topics like stochastic differential equations. It emphasizes developing algorithms for simulating physical systems, with connections to various physics fields. The inclusion of solved exercises facilitates learning, making it ideal for graduate students seeking to enhance their mathematical and simulation skills.

SPRINGER | 2018 | 235 pp
HB | 9783319905143 | EUR 69.99

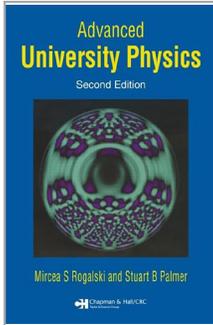


Essential Physics

John Matolyak
Ajawad Hajja

"Essential Physics" is designed for a two-semester algebra-based course, focusing on core physics concepts essential for various fields. It emphasizes analytical problem-solving skills and covers mechanics, electricity, magnetism, light, and modern physics. The book includes worked examples, introduces math as needed, and offers applications in biology, chemistry, and safety science.

CRC PRESS | 2014 | 472 pp
HB | 9781466575219 | GBP 115

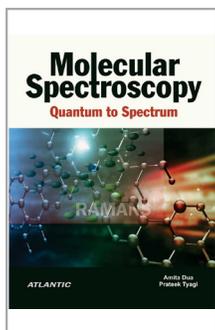


Advanced University Physics

Mircea S. Rogalski
Stuart B. Palmer

The second edition of Advanced University Physics by Stuart Palmer and Mircea Rogalski serves as a supplement to advanced physics courses, offering a concise review and promoting a deeper understanding of theoretical physics. The revised edition includes new material, combined chapters for clarity, and numerous problems and examples, making it a valuable resource for physics enthusiasts.

CRC PRESS | 2006 | 1022 pp
HB | 9781584885115 | **GBP 145**



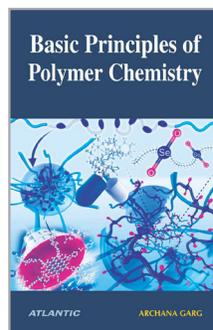
Molecular Spectroscopy

Quantum to Spectrum

Amita Dua, Professor, Dyal Singh College, University of Delhi | M.Sc., Ph.D. (Chemistry), Panjab University
Prateek Tyagi, Professor, Zakir Husain Delhi College, University of Delhi | M.Sc., M.Phil., Ph.D. (Chemistry), Gurukula Kangri Vishwavidyalaya

This book is a comprehensive guide for undergraduate and postgraduate students, covering Classical to Quantum mechanics and various spectroscopy types. It aims to bridge the gap between available resources and student needs, with detailed chapters, solved problems, and user-friendly design for easy understanding and systematic learning.

ATLANTIC | 2025 | 344 pp
HB | 9788126934041 | INR 1495

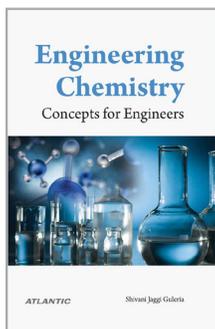


Basic Principles of Polymer Chemistry

Archana Garg, Professor, Department of Chemistry, Maharshi Dayanand University | M.Sc., Ph.D., School of Studies, Vikram University

Polymer Chemistry is a multidisciplinary science focusing on chemical synthesis and properties of polymers. The book simplifies concepts of polymer synthesis, characteristics, and structure for easy understanding. It highlights the importance of organic and inorganic polymers in various applications, offering valuable insights for students and professionals in the field.

ATLANTIC | 2021 | 174 pp
HB | 9788126922475 | INR 550



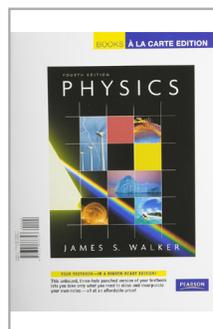
Engineering Chemistry

Concepts for Engineers

Shivani Jaggi Guleria, Principal, Institute of Science and Technology | B.Sc., M.Sc., Ph.D

This book aligns with the updated syllabus of Indian universities, featuring eleven chapters and fourteen experiments. This comprehensive book offers lucid explanations on diverse topics, accompanied by solved and unsolved university questions and intext questions for student practice at the end of each chapter.

ATLANTIC | 2021 | 318 pp
HB | 9788126931620 | INR 995

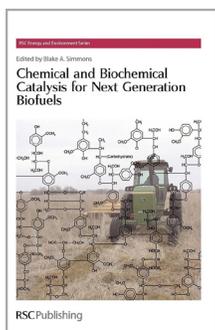


Polymer Composites 3 Vols. Set

Sabu Thomas
Kuruville Joseph
S.K.Malhotra
Koichi Goda
M.S.Sreekala

The book series covers composites extensively. Volume One addresses macro and micro composites, Volume Two delves into nanoparticles and nanocomposites, while Volume Three focuses on biocomposites, covering natural and synthetic biopolymers, biofibers, and their properties, synthesis, and manufacturing processes. Each volume explores different aspects of composite materials.

WILEY-VCH | 2013 | 1744 pp
HB | 9783527329854 | USD 572

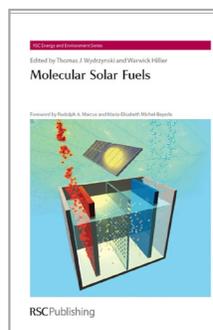


Chemical and Biochemical Catalysis for Next Generation Biofuels

Blake A. Simmons
Others

The book reviews catalytic approaches to converting lignocellulosic biomass into fuels, covering pretreatment, enzymatic hydrolysis, chemical and thermochemical catalysis, and bioinspired systems, comparing methods and highlighting challenges in sustainable, cost-effective biofuel production.

RSC | 2011 | 250 pp
HB | 9781849730303 | GBP 125.99

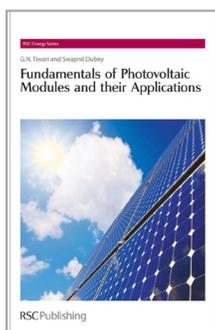


Molecular Solar Fuels

Thomas J. Wyrzyński
Warwick Hillier

The book addresses the global energy demand by focusing on developing hydrogen as a clean solar fuel. It explores using oxygenic photosynthesis and hydrogenase enzymes for bio-inspired to create photocatalysts for solar fuel production. The text covers solar energy utilization, synthetic photocatalysts, light capture, photochemical conversion, energy storage, natural and synthetic catalysts, and future research goals.

RSC | 2011 | 576 pp
HB | 9781849730341 | GBP 144.99

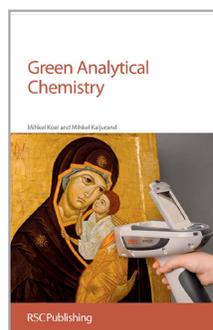


Fundamentals of Photovoltaic Modules and their Applications

Swapnil Dubey
G.N. Tiwari

This book fills a gap in publications on photovoltaic (PV) and photovoltaic thermal (PV/T) technologies, thermal modeling, CO₂ mitigation, and carbon trading. It targets students and professionals, emphasizing design, construction, performance, and applications of PV and PV/T systems. Topics covered include energy security, climate change, economic aspects, and case studies to aid understanding.

RSC | 2010 | 424 pp
HB | 9781849730204 | GBP 145

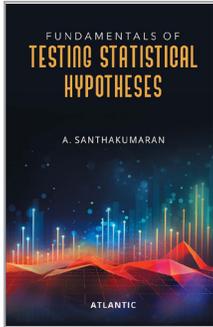


Green Analytical Chemistry

Mihkel Koel
Mihkel Kaljurand

The book discusses the importance of green chemistry in addressing environmental concerns and promoting sustainable chemical processes. It introduces the twelve principles of green chemistry, explores their application in analytical methodologies, and presents the 'green profile' by the ACS Green Chemistry Institute. The text emphasizes minimizing toxic solvent use, adopting non-toxic alternatives, and enhancing energy efficiency in analytical practices.

RSC | 2010 | 319 pp
HB | 9781847558725 | GBP 49.99

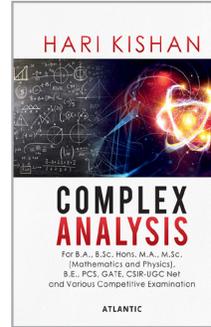


Fundamentals of Testing Statistical Hypotheses

A. Santhakumaran, Reader (Statistics), Salem Sowdeswari College | Ph.D, Ramanujan Institute for Advanced Study in Mathematics, University of Madras

"Fundamentals of Testing Statistical Hypotheses offers a systematic guide to hypothesis testing principles and methods. The book, suitable for students and teachers of statistics, emphasizes key concepts and applications. It features solved problems, practice questions, and statistical tables generated using C programming for accuracy. The content focuses on clarity, simplicity, and relevance."

ATLANTIC | 2026 | 152 pp
 HB | 9788126944071 | INR 595



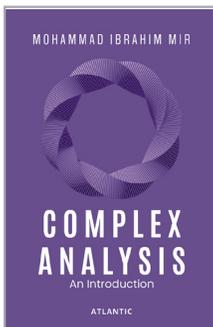
Complex Analysis

For B.A., B.Sc. Hons., M.A., M.Sc. (Mathematics and Physics), B.E., PCS, GATE, CSIR-UGC Net and Various Competitive Examination

Hari Kishan, Senior Reader (Mathematics), Kishori Raman Postgraduate College, Mathura | M.Sc., B.S.A. College, Ph.D. (Mathematics - Fluid Dynamics), Agra University

This is a comprehensive guide covering complex numbers, functions, and their applications. With 15 chapters, it caters to beginners and exam aspirants, offering solved examples, illustrative explanations, and exercises for practice. The book aids in understanding theoretical concepts, visualising abstract ideas, and revising through varied problems.

ATLANTIC | 2025 | 846 pp
 HB | 9788126911356 | INR 1895



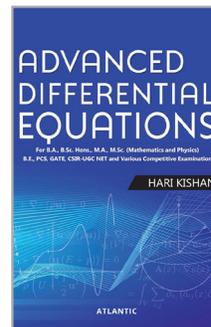
Complex Analysis

An Introduction

Mohammad Ibrahim Mir, Assistant Professor, Department of Mathematics, University of Kashmir | JRF (NET), Gold Medalist, Department of Mathematics, University of Kashmir

This is a comprehensive guide for undergraduate Mathematics and Engineering students, as well as postgraduate learners in Physics and Statistics. It covers complex numbers, integration, series, conformal mappings, and key theorems like Monodromy and Riemann Mapping. The book emphasises active learning with examples and exercises for a thorough understanding.

ATLANTIC | 2025 | 202 pp
 HB | 9788126911851 | INR 995



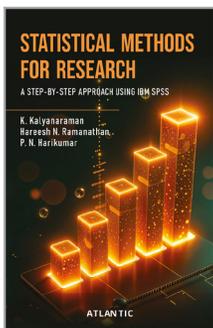
Advanced Differential Equations

For B.A., B.Sc. Hons., M.A., M.Sc. (Mathematics and Physics) B.E., PCS, GATE, CSIR-UGC NET and Various Competitive Examination

Hari Kishan, Senior Reader (Mathematics), Kishori Raman Postgraduate College, Mathura | M.Sc., B.S.A. College, Ph.D. (Mathematics - Fluid Dynamics), Agra University

This compelling book delves deep into Second Order Linear, Simultaneous, Partial, Exact and Special Forms of differential equations. The book meticulously covers techniques like variation of parameters, undetermined coefficients, series solutions and special functions. It emphasises conceptual clarity, real-world applications, step-by-step solutions, and practical examples for comprehensive understanding.

ATLANTIC | 2025 | 1024 pp
 HB | 9788126940264 | INR 1895



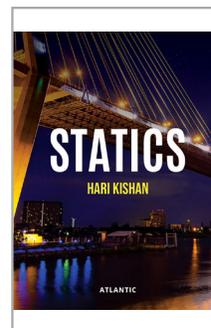
Statistical Methods For Research

A Step-By-Step Approach Using IBM SPSS

K. Kalyanaraman, Former Professor, Department of Statistics, University of Kerala | Ph.D.
Hareesh N. Ramanathan, Professor and Head, Department of Management Studies, Toc H Institute of Science and Technology, Kochi | M.Phil., Ph.D. (Management)
P.N. Harikumar, Head, Post-Graduate Department of Commerce & Tourism, Catholicate College | MBA, Ph.D.

"Statistical Methods for Research: A Step-by-Step Approach Using IBM SPSS" is a beginner-friendly guide for postgraduate and Ph.D. students unfamiliar with statistics. The book simplifies key statistical tools and their research applications, covering quantitative data analysis methods, sampling, probability, and SPSS usage. Practical examples and diagrams aid comprehension, making statistical reasoning more accessible.

ATLANTIC | 2025 | 272 pp
 HB | 9788126941841 | INR 795

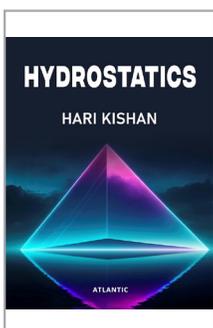


Statics

Hari Kishan, Senior Reader (Mathematics), Kishori Raman Postgraduate College, Mathura | M.Sc., B.S.A. College, Ph.D. (Mathematics - Fluid Dynamics), Agra University

The book on Statics covers Common Catenary, Centre of Gravity, and Virtual Work, essential for science and engineering. It includes solved and illustrative examples, ranging from simple to challenging exercises. With clear explanations, practical examples, and engaging content, readers can apply statics principles to real-world problems, building a strong foundation.

ATLANTIC | 2024 | 368 pp
 HB | 9788126936625 | INR 1795

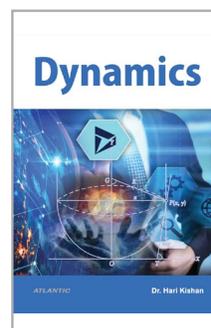


Hydrostatics

Hari Kishan, Senior Reader (Mathematics), Kishori Raman Postgraduate College, Mathura | M.Sc., B.S.A. College, Ph.D. (Mathematics - Fluid Dynamics), Agra University

This textbook on hydrostatics explains fluid equilibrium principles, pressure distribution, buoyancy, and fluid forces on surfaces. With solved examples and practice problems, it builds strong conceptual understanding and problem-solving skills for engineering students studying fluid mechanics.

ATLANTIC | 2024 | 428 pp
 HB | 9788126938568 | INR 1495

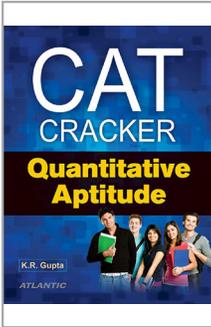


Dynamics

Hari Kishan, Senior Reader (Mathematics), Kishori Raman Postgraduate College, Mathura | M.Sc., B.S.A. College, Ph.D. (Mathematics - Fluid Dynamics), Agra University

This book explores elementary dynamics principles through definitions, descriptions and examples, including graphical ones. It covers topics like kinematics, kinetics, and work-energy, with exercises for practice. Intended for math, physics and engineering students, it aids in exam preparation and serves as a teaching tool for educators.

ATLANTIC | 2023 | 630 pp
 HB | 9788126935390 | INR 1895



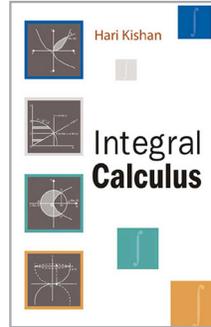
CAT Cracker

Quantitative Aptitude

K.R. Gupta, Professor, International Economics, University of Jammu and Kurukshetra University

This book offers comprehensive study material for CAT and aptitude tests, with 15 chapters and 10 Mock Test Papers. It includes Diagnostic Tests, concept reviews, solved examples, and Water Level Tests. Features over 2150 problems, special computation methods, score interpretation, and self-evaluation sheets. Contains original CAT papers for revision and practice.

ATLANTIC | 2023 | 688 pp
HB | 9788126919482 | INR 1695

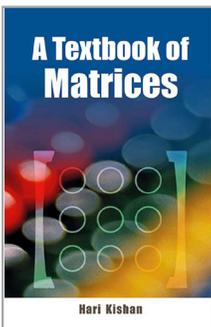


Integral Calculus

Hari Kishan, Senior Reader (Mathematics), Kishori Raman Postgraduate College, Mathura | M.Sc., B.S.A. College, Ph.D. (Mathematics - Fluid Dynamics), Agra University

The book offers a comprehensive guide on integration, covering key concepts like substitution methods, definite integrals, and areas of solids. It aims to build a strong foundation for students, with rigorous explanations and solved examples. Suitable for math students, engineers, and those preparing for competitive exams.

ATLANTIC | 2023 | 380 pp
HB | 9788126905591 | INR 1095

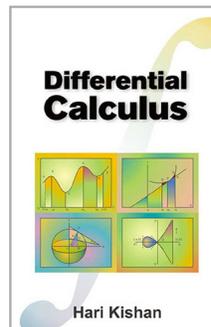


A Textbook of Matrices

Hari Kishan, Senior Reader (Mathematics), Kishori Raman Postgraduate College, Mathura | M.Sc., B.S.A. College, Ph.D. (Mathematics - Fluid Dynamics), Agra University

Matrices, crucial in Mathematics and diverse subjects, gained significance with computers. This book covers key topics in nine chapters, from basic operations to quadratic forms. Suitable for students and teachers, it offers clear explanations, examples, theorems, and exercises for comprehensive learning and practice.

ATLANTIC | 2023 | 560 pp
HB | 9788126910007 | INR 1295

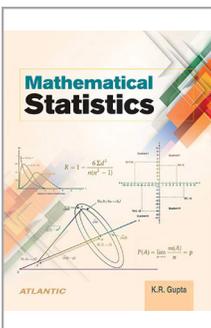


Differential Calculus

Hari Kishan, Senior Reader (Mathematics), Kishori Raman Postgraduate College, Mathura | M.Sc., B.S.A. College, Ph.D., Mathematics (Fluid Dynamics), Agra University

This graduate-level Mathematics book caters to students in Indian universities, covering UGC syllabus topics like Leibnitz's Theorem, Taylor Series, and Curve Tracing. It offers systematic explanations, detailed examples, and practice exercises for skill development. Precise figures aid comprehension, with verified answers making it valuable for both students and teachers.

ATLANTIC | 2022 | 612 pp
HB | 9788126908202 | INR 1250

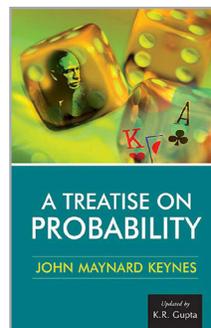


Mathematical Statistics (2 Vols. Set)

K.R. Gupta, Prof., International Economics, University of Jammu and Kurukshetra University

This set offers a comprehensive, application-oriented approach for students in economics, statistics and physical sciences. It covers probability tools, avoids mathematical complexity, and includes real-world examples. The books follow a concept-example-exercise format, with solved problems and a chapter on Stochastic Processes. Suitable for undergraduates and postgraduates, it incorporates current trends in mathematical statistics.

ATLANTIC | 2015 | 1312 pp
HB | 9788126919710 | INR 2990

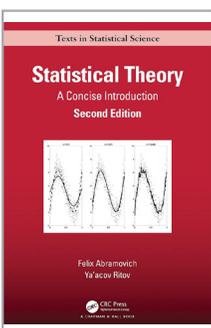


A Treatise on Probability (2 Vols. Set)

John Maynard Keynes, English Economist and Philosopher | B.A. (Mathematics)
Updated by K.R. Gupta Prof., International Economics, University of Jammu and Kurukshetra University

This significant mathematical work explores the probabilistic link between philosophy and science. Updated and revised, the collection now offers 26 chapters, incorporating modern trends and developments. It caters to students and teachers across disciplines like economics, physical sciences, engineering and sociology, with added practice problems.

ATLANTIC | 2012 | 1008 pp
HB | 9788126916702 | INR 2390



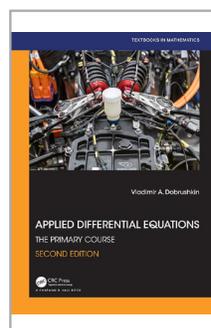
Statistical Theory

A Concise Introduction

Felix Abramovich, Professor, Department of Statistics and Operations Research, Tel Aviv University
Ya'acov Ritov

This book offers an accessible guide to the fundamentals of statistical theory, covering probability, estimation, and hypothesis testing. Written by Felix Abramovich and Ya'acov Ritov, it is ideal for students and professionals seeking practical statistical insights.

CRC/CH | 2022 | 240 pp
HB | 9781032007458 | GBP 81.99



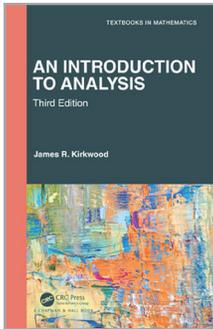
Applied Differential Equations

The Primary Course

Vladimir A. Dobrushkin, Professor, Division of Applied Mathematics, Brown University | Dr.Sc. (Mechanical Engineering), Ph.D. (Applied Mathematics)

Vladimir A. Dobrushkin's book offers an accessible introduction to ODEs and PDEs, emphasising modeling, solution techniques and qualitative analysis. The second edition, published in 2022, includes updated content and expanded coverage.

CRC/CH | 2022 | 704 pp
HB | 9781138606586 | GBP 145

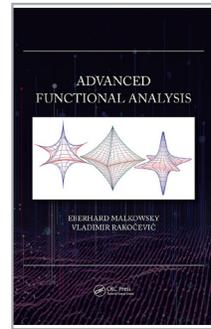


An Introduction to Analysis

James R. Kirkwood

The third edition of a popular textbook on real-valued functions of one variable offers a mathematically rigorous introduction to analysis. It emphasizes intuitive explanations, examples, and exercises to aid in the transition to theoretical mathematics. New sections include the Cantor set and function, connectedness, and exercises of varying difficulty levels. The author, James R. Kirkwood, is an experienced mathematician with expertise in mathematical physics.

CHAPMAN HALL | 2021 | 336 pp
 HB | 9780367702359 | **GBP 89.99**

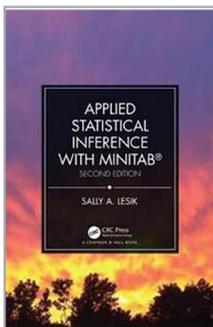


Advanced Functional Analysis

Eberhard Malkowsky
 Vladimir Rakočević

"Advanced Functional Analysis" is a comprehensive reference for the study of dynamical systems and natural processes in various fields. It serves as a guide for research, a textbook for advanced functional analysis courses, and enables readers to conduct their research. The book covers a wide range of topics and is written in a concise style.

CRC PRESS | 2019 | 464 pp
 HB | 9781138337152 | **GBP 115**

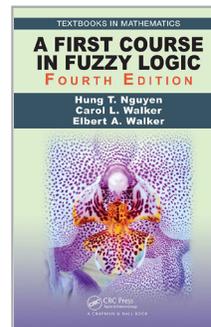


Applied Statistical Inference with MINITAB® (2nd Edition)

Sally A. Lesik

The second edition of "Applied Statistical Inference with MINITAB" focuses on practical applications of statistics with mathematical rigor. It introduces topics step-by-step, emphasizing interpretation and use of the statistical software MINITAB. The book covers various statistical methods, integrates MINITAB throughout, and includes worked examples, new topics, exercises, and Best Practices sections. Targeted at non-experts seeking a solid understanding of statistical inference.

CHAPMAN HALL | 2019 | 496 pp
 HB | 9781498779982 | **GBP 130**



A First Course in Fuzzy Logic

Hung T. Nguyen
 Carol L. Walker
 Elbert A. Walker

"A First Course in Fuzzy Logic, Fourth Edition" is an expanded introduction to fuzzy logic theory and applications, offering a mathematical foundation for intelligent system design. New content includes fuzzy sets of type-2, copulas for modeling dependence, and quantum probability for uncertainty in social sciences. The book equips students and professionals in various fields with the knowledge to apply fuzzy logic effectively.

CHAPMAN HALL | 2018 | 458 pp
 HB | 9781138585089 | **GBP 130**



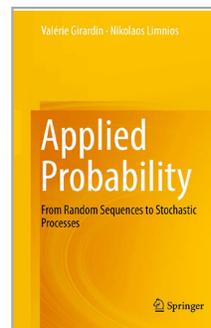
Additive Combinatorics

A Menu of Research Problems (Discrete Mathematics and Its Applications)

Béla Bajnok

"Additive Combinatorics: A Menu of Research Problems" is a unique book offering a range of engaging research projects in the field. Suitable for students of all levels, it covers various topics like number theory and group theory. Divided into five parts, it presents new and unsolved questions with extensive proofs and exercises.

CHAPMAN HALL | 2018 | 464 pp
 HB | 9780815353010 | **GBP 89.99**



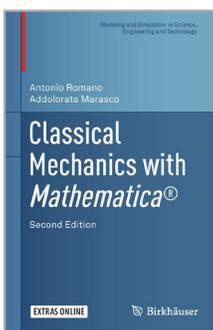
Applied Probability

From Random Sequences to Stochastic Processes

Valérie Girardin
 Nikolaos Limnios

This textbook caters to postgraduate students in various fields seeking a rigorous introduction to applied stochastic processes. It covers random sequences to advanced processes, with connections to ergodic theory, information theory, reliability, and insurance. The content follows a pedagogic approach, offering illustrations from applied fields and numerous examples and exercises with solutions.

SPRINGER | 2018 | 260 pp
 HB | 9783319974118 | **EUR 74.99**

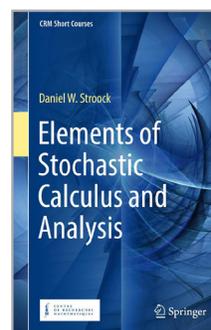


Classical Mechanics with Mathematica®

Antonio Romano
 Addolorata Marasco

This textbook on mechanics bridges classical and modern approaches, covering linear algebra, differential geometry, and various dynamics topics. It includes over 200 exercises, new chapters, and Mathematica(R) notebooks for assistance. Aimed at graduate students and advanced undergraduates in applied mathematics and physics, it offers a comprehensive overview of mechanics concepts and applications.

BIRKHAUSER | 2018 | 644 pp
 HB | 9783319775944 | **EUR 79.99**

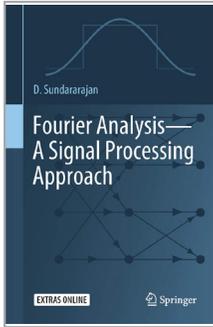


Elements of Stochastic Calculus and Analysis

Daniel W. Stroock

This book offers an unconventional approach to stochastic analysis, focusing on core ideas rather than traditional structures. It covers topics like Wiener's theory of homogeneous chaos and Malliavin's calculus applied to partial differential equations. Intended for advanced graduate students and research mathematicians, it includes challenging exercises to broaden understanding of familiar topics.

SPRINGER | 2018 | 207 pp
 HB | 9783319770376 | **EUR 56.99**

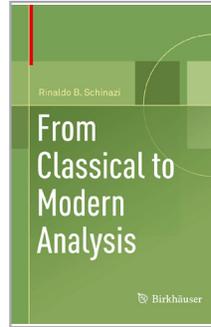


Fourier Analysis—A Signal Processing Approach

D. Sundararajan

The book covers basic signals like unit-impulse, unit-step, and unit-ramp signals, as well as sinusoids and complex exponentials. It discusses signal classifications, operations like time shifting and scaling, and complex numbers. The Discrete Fourier Transform section explains exponential and complex exponential functions, DFT, IDFT, and their properties like linearity and periodicity.

SPRINGER | 2018 | 359 pp
HB | 9789811316920 | EUR 74.99

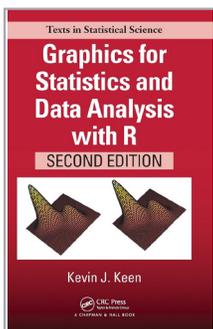


From Classical to Modern Analysis

Rinaldo B. Schinazi

"From Classical to Modern Analysis" is a textbook bridging undergraduate analysis and graduate measure theory, covering topics like metric spaces and Lebesgue integration. It provides a comprehensive introduction to real analysis, focusing on foundational elements and applications of the Lebesgue integral. Suitable for undergraduate and graduate students, it emphasizes mathematical rigor and abstraction.

BIRKHAUSER | 2018 | 270 pp
HB | 9783319945828 | EUR 64.99

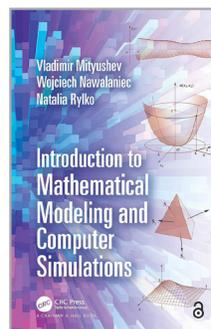


Graphics for Statistics and Data Analysis with R

Kevin J. Keen

"The Second Edition of Graphics for Statistics and Data Analysis with R offers a unified framework of graphical tools for data analysis, emphasizing basic principles of graphical design. It covers modern graphical displays, including ggplot2, human visualization, and color rendering in R. The book provides R code and data for figures, authored by Kevin J. Keen."

CHAPMAN HALL | 2018 | 590 pp
HB | 9781498779838 | GBP 84.99

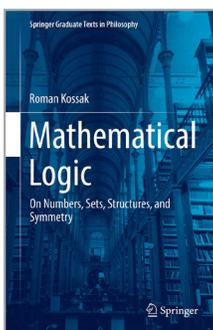


Introduction to Mathematical Modeling and Computer Simulations

Vladimir V. Mityushev
Wojciech Nawalaniec
Natalia Rylko

"Introduction to Mathematical Modeling and Computer Simulations" is a textbook aimed at readers seeking to grasp Modeling and Simulations principles without advanced mathematics. It targets applied mathematicians and engineers starting their careers, presenting Mathematical Modeling using simple descriptions. Chapter 1 and Preface are available for free download under a Creative Commons license.

CHAPMAN HALL | 2018 | 240 pp
HB | 9781138197657 | GBP 81.99



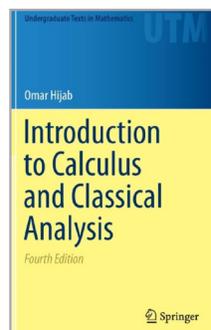
Mathematical Logic

On Numbers, Sets, Structures, and Symmetry Vol. 3

Roman Kossak

The book introduces formal mathematical logic and set theory, discussing nontrivial results in modern model theory. It includes introductory remarks on all results with historical context.

SPRINGER | 2018 | 190 pp
HB | 9783319972978 | EUR 79.99

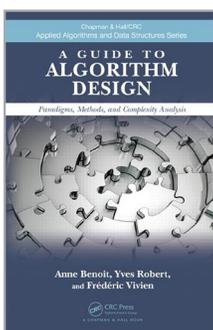


Introduction to Calculus and Classical Analysis

Omar Hijab

The fourth edition of this text is suited for undergraduate honors calculus courses or analysis introductions. It covers real number axioms, computational problems, and applications across various analysis areas. The material includes infinite products, Bernoulli series, and the zeta functional equation. The book features 450 problems with solutions and has received positive reviews.

SPRINGER | 2016 | 427 pp
HB | 9783319283999 | EUR 44.99



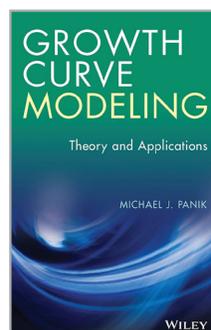
A Guide To Algorithm Design

Paradigms, Methods, and Complexity Analysis

Anne Benoit
Yves Robert

"A Guide to Algorithm Design: Paradigms, Methods, and Complexity Analysis" offers a unique approach to understanding algorithm complexity, providing a roadmap for solving problems efficiently. Divided into three parts, it covers design principles, polynomial reductions, and problem evaluation techniques. Through practical examples and detailed case studies, readers can explore algorithmic complexity concepts effectively.

CRC PRESS | 2014 | 380 pp
HB | 9781439825648 | GBP 86.99



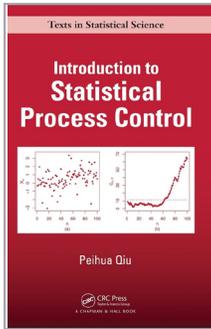
Growth Curve Modeling

Theory and Applications

Michael J. Panik

The book "Growth Curve Modeling: Theory and Applications" explores recent trends and techniques for measuring and modeling growth. It covers various growth curve models, mathematical foundations, statistical techniques, and applications in fields like economics, biology, and public health. The book is recommended for professionals and students interested in statistical methods for growth modeling and longitudinal data analysis.

WILEY | 2014 | 454 pp
HB | 9781118764046 | USD 155.95

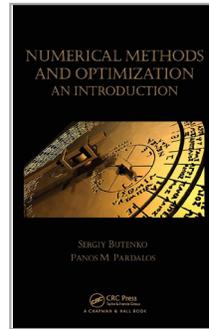


Introduction to Statistical Process Control

Peihua Qiu

"Introduction to Statistical Process Control" discusses traditional and modern SPC methods for quality control and management, emphasizing their application in various fields. The book covers basic statistical concepts, traditional SPC charts, and newer control charts, providing examples solved using R. It serves as a valuable resource for courses and practitioners in quality control and related disciplines.

CHAPMAN HALL | 2014 | 520 pp
 HB | 9781439847992 | GBP 115



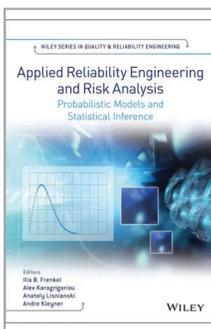
Numerical Methods and Optimization

An Introduction

Sergiy Butenko
 Panos M. Pardalos

"Numerical Methods and Optimization: An Introduction" is designed for industrial and systems engineering students to grasp advanced optimization concepts. It combines introductory numerical methods and optimization courses, covering mathematical background, numerical error analysis, problem-solving techniques, and optimization methods. The book is accessible, includes MATLAB(R) guidance, and suits various software packages.

CHAPMAN HALL | 2014 | 412 pp
 HB | 9781466577770 | GBP 89.99



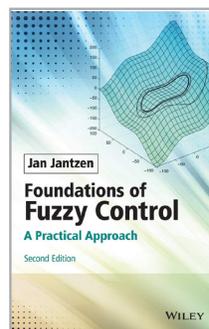
Applied Reliability Engineering and Risk Analysis

Probabilistic Models and Statistical Inference

Ilia B. Frenkel
 Alex Karagrigoriou
 Anatoly Lisnianski
 Andre V. Kleyner

This comprehensive resource covers reliability engineering, probabilistic models, and risk analysis, showcasing the latest research and developments in the field. It includes expert insights, detailed coverage of various topics, and practical examples. The book commemorates the centennial of Boris Gnedenko, a notable reliability scientist. It is a valuable reference for engineers, scientists, and graduate students.

WILEY | 2013 | 456 pp
 HB | 9781118539422 | USD 203.95



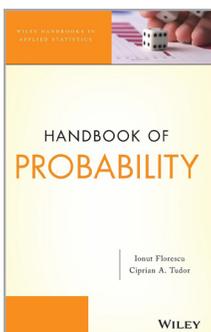
Foundations of Fuzzy Control

A Practical Approach

Jan Jantzen

The revised 2nd edition of "Foundations of Fuzzy Control: A Practical Approach" introduces new chapters on Gain Scheduling Control and Neurofuzzy Modelling. It focuses on PID controllers, analyzing fuzzy PID control systems and adaptive mechanisms. The book covers fuzzy control basics, links to linear and nonlinear control theory, and emphasizes common sense geometry. It includes practical examples, downloadable MATLAB programs, and an online course, making it a valuable resource for engineering researchers, practitioners, and students.

WILEY | 2013 | 346 pp
 HB | 9781118506226 | USD 141.95

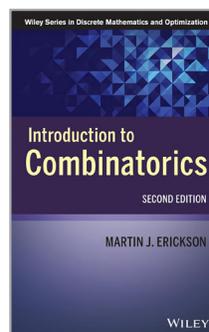


Handbook of Probability

Ionut Florescu
 Ciprian A. Tudor

The "Handbook of Probability" is a comprehensive guide emphasizing theory, application, and methodology. It covers topics like probability space, random variables, and limit theorems, with self-contained chapters for easy reference. Ideal for researchers and practitioners in various fields, this book offers a clear and inclusive introduction to probability.

WILEY | 2013 | 472 pp
 HB | 9780470647271 | USD 171.95

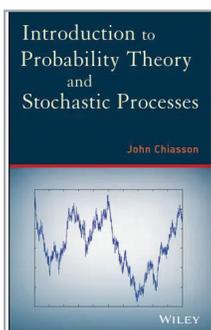


Introduction to Combinatorics

Martin J. Erickson

The "Introduction to Combinatorics, Second Edition" presents modern combinatorial methods like Alcuin's sequence and Rook paths, emphasizing fundamental results and problem-solving techniques. The book revisits key combinatorial methods through exercises and examples, guiding readers through major achievements in combinatorics. It includes new exercises, examples, and updated references, making it suitable for upper-undergraduate courses.

WILEY | 2013 | 244 pp
 HB | 9781118637531 | USD 117.95

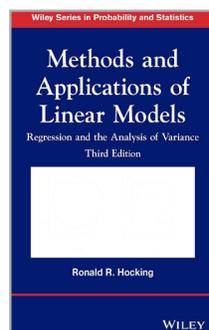


Introduction to Probability Theory And Stochastic Processes

John Chiasson

This book introduces a unique approach to teaching probability theory and stochastic processes by connecting random processes' mathematical formulation to practical applications. It focuses on constructing infinite sequences of independent random variables using the binary expansion of the unit interval. The text covers countable and uncountable sample spaces, explicit construction of random variables, continuous random variables, expectations, and various processes like Bernoulli and Poisson.

WILEY | 2013 | 984 pp
 HB | 9781118382790 | USD 161.95



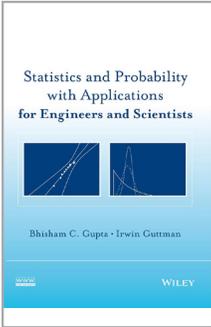
Methods and Applications of Linear Models

Regression and the Analysis of Variance

Ronald R. Hocking

The third edition of "Methods and Applications of Linear Models: Regression and the Analysis of Variance" provides updated approaches to linear regression theory and models. It combines mathematical theory with variance analysis, offering intuitive explanations and practical examples. Suitable for students and researchers, the book covers fixed effects models and includes exercises for comprehension.

WILEY | 2013 | 720 pp
 HB | 9781118329504 | USD 164.95

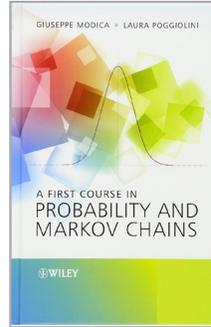


Statistics and Probability With Applications for Engineers and Scientists

Bhisham C. Gupta
Irwin Guttman

"Statistics and Probability with Applications for Engineers and Scientists" introduces statistical tools and probability concepts, emphasizing their importance in data analysis for engineers and scientists. Covering descriptive statistics, probability theory, and various statistical techniques, the book includes practical guidance on using statistical packages, experimental design, and real-world applications for undergraduate students and practitioners.

WILEY | 2013 | 896 pp
HB | 9781118464045 | USD 150.95

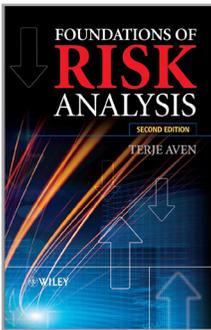


A First Course in Probability and Markov Chains

Laura Poggiolini

"A First Course in Probability and Markov Chains" introduces basic probability structures with applications in information technology. The book covers probability elements, combinatorics, probability distributions, random variables, and Markov Chains. It emphasizes the Law of Large Numbers, Bernoulli and Poisson processes, and discrete and continuous time Markov Chains. Suitable for engineers and advanced undergraduate students with a mathematical background.

WILEY | 2012 | 346 pp
HB | 9781119944874 | USD 110.95

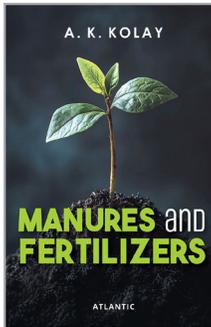


Foundations of Risk Analysis

Terje Aven

"Foundations of Risk Analysis" covers core risk analysis concepts such as understanding risk, building models, and applying probability to decision-making. The updated edition includes new material on risk definitions, vulnerability, uncertainties, and assessing assumptions. It is designed for undergraduates, graduates, analysts, researchers, and managers dealing with risk and uncertainty in various fields.

WILEY | 2012 | 228 pp
HB | 9781119966975 | USD 80.95

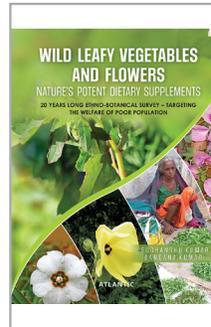


Manures and Fertilizers

A.K. Kolay, Retired Professor, School of Agricultural Sciences & Rural Development, North Eastern Hill University | M.Sc. (Agriculture), Ph.D

"Manures and Fertilizers" is a textbook focusing on soil fertility management, especially in developing countries like India. It covers various manures, composts, and fertilizers, detailing their preparation, properties, uses, and effects. The book emphasizes the importance of proper nutrient application for crop cultivation, targeting students, researchers, and farmers in the agricultural field.

ATLANTIC | 2026 | 184 pp
HB | 9788126942695 | INR 895



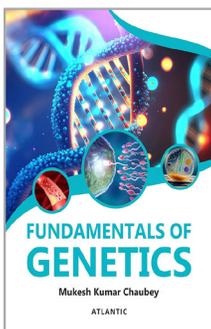
Wild Leafy Vegetables and Flowers

Nature's Potent Dietary Supplements

Sudhanshu Kumar, Associate Professor, Department of Botany, Ranchi University | Ph.D
Bandana Kumari, Associate Professor, Department of Zoology, Ranchi University | M.Sc.(Zoology), Ph.D, PGDCA

"Wild Leafy Vegetables and Flowers: Nature's Potent Dietary Supplements" presents two decades of research on saags in Jharkhand's village haats and forests. These vegetables are popular for their health benefits and are in high demand. The book explores their potential to improve physical and mental well-being in rural and suburban communities.

ATLANTIC | 2026 | 248 pp
HB | 9788126911875 | INR 4995

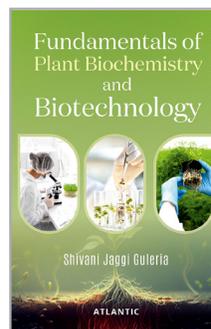


Fundamentals of Genetics

Mukesh Kumar Chaubey, Assistant Professor, Department of Zoology, National Post Graduate College | Ph.D., Deen Dayal Upadhyay Gorakhpur University

This book delves into Pre-Mendelian concepts and modern genetic research, covering Mendel's laws, gene interaction and cytoplasmic inheritance. It seamlessly merges classical knowledge with contemporary insights, exploring chromosome chemistry, gene expression and DNA repair. This comprehensive guide caters to students, educators and researchers alike.

ATLANTIC | 2025 | 552 pp
HB | 9788126936823 | INR 1895

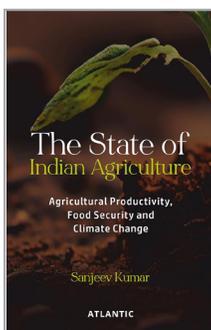


Fundamentals of Plant Biochemistry and Biotechnology

Shivani Jaggi Guleria, Principal, Institute of Science and Technology | B.Sc., M.Sc., Ph.D.

This book covers biochemistry and biotechnology basics in 12 chapters, starting with chemistry and biology overviews. It delves into macromolecules like amino acids, proteins, and nucleic acids, discussing cellular metabolism, biosynthetic pathways, and secondary metabolites. Aligned with BSc Agriculture syllabus, it includes self-evaluation questions.

ATLANTIC | 2025 | 308 pp
HB | 9788126940165 | INR 1495



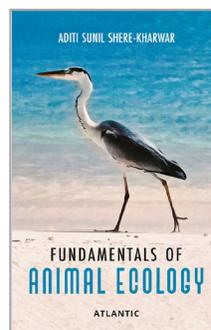
The State of Indian Agriculture

Agricultural Productivity, Food Security and Climate Change

Sanjeev Kumar, Associate Professor, Department of Economics, Chaudhary Charan Singh University | Ph.D. (Economics), Chaudhary Charan Singh University

Agriculture in India is vital for rural employment and economic growth. This book assesses the current state and trends nationally and at state levels. It focuses on climate change's impact, recommending strategies for sustainable agriculture to ensure food security. Urgent action is needed to address climate challenges effectively.

ATLANTIC | 2025 | 302 pp
HB | 9788126940295 | INR 1295

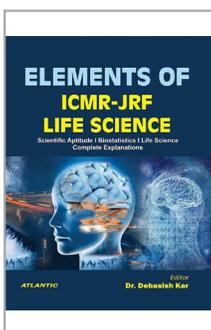


Fundamentals of Animal Ecology

Aditi Sunil Shere-Kharwar, Reviewer, Prominent Scientific Journals | M.Sc., Ph.D., NET, graduated from Bangalore University, Post graduated from Savitribai Phule Pune University, Ph.D. from Savitribai Phule Pune University

"Fundamentals of Animal Ecology introduces ecological studies to undergraduate and postgraduate students to address pressing environmental issues. The book explores relationships between organisms and their environments, covering topics like ecosystems, population ecology, and community dynamics. It offers clear examples, engaging illustrations, and a well-structured approach to support effective learning."

ATLANTIC | 2025 | 130 pp
HB | 9788126941490 | INR 895

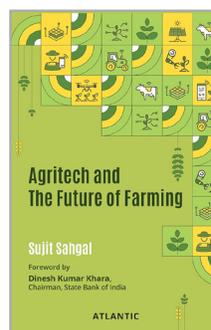


Elements of ICMR-JRF Life Science

Dr. Debasish Kar, Assistant Professor, Department of Biotechnology, Ramaiah University of Applied Sciences | M.Sc., Ph.D., IIT Kharagpur

The book for ICMR-JRF Life Science aspirants covers Scientific Aptitude, Biostatistics, and advanced Life Sciences. It thoroughly explains each question to enhance problem-solving skills and grasp fundamental concepts. It is a complete guide for the exam, beneficial for graduate students preparing for similar exams like CSIR-NET, GATE, and more.

ATLANTIC | 2024 | 698 pp
HB | 9788126933372 | INR 1895

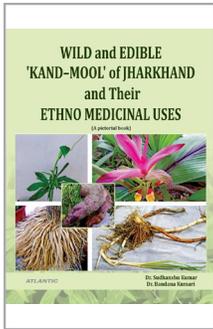


Agritech and The Future of Farming

Sujit Sahgal, Former Head Equities, HSBC India

The global push for agricultural innovation contrasts with India's sector challenges. This informative book advocates for technology adoption to boost farming profitability and empower farmers. Drawing on grassroots insights, it proposes modern methods, business models and technology integration as key solutions for India's agricultural future.

ATLANTIC | 2024 | 256 pp
HB | 9788126936243 | INR 1295

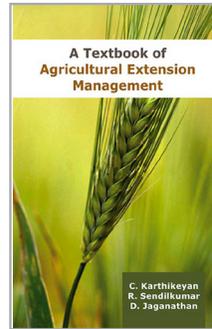


Wild and Edible 'Kand-Mool' of Jharkhand and Their Ethno Medicinal Uses

Dr. Sudhanshu Kumar, Associate Professor, Department of Botany, Ranchi University | Ph.D.
Dr. Bandana Kumari, Associate Professor, Department of Zoology, Ranchi University | M.Sc.(Zoology), Ph.D., PGDCA

In this book, authors document Kand-Mools, nutrient-rich roots and tubers from Jharkhand's hilly terrains. The book features forty-three specimens with therapeutic info sourced from local vaidyas. The aim is widespread dissemination for herbal practitioners, ayurveda experts, academics and researchers.

ATLANTIC | 2023 | 124 pp
HB | 9788126933662 | INR 1495

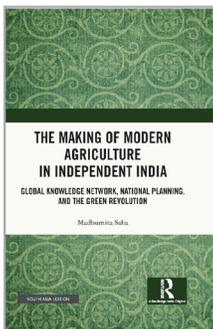


A Textbook of Agricultural Extension Management

C. Karthikeyan, Centre for Agricultural and Rural Development Studies, Tamil Nadu Agricultural University | M.Sc. (Agriculture), Ph.D., IARI
R. Sendilkumar, Associate Professor, Department of Agricultural and Rural Management, Tamil Nadu Agricultural University | Ph.D. (Gold Medalist)
D. Jaganathan

This book covers agricultural management topics like management process, development programs, and human resource planning. It enhances skills of extension managers, scientists and administrators. The book includes illustrations, discussion questions, and a glossary, making it accessible to all readers. It serves as a textbook for Agriculture and Agri-business Management students and teachers, and a reference for related fields.

ATLANTIC | 2020 | 158 pp
HB | 9788126908745 | INR 595



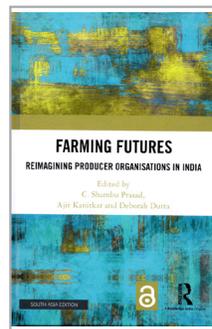
The Making of Modern Agriculture in Independent India

Global Knowledge Network, National Planning, and the Green Revolution

Madhumita Saha

This book delves into the historical development of agriculture in independent India, focusing on food shortages post-independence, debates on Green Revolution technology, and the knowledge network behind new seed introduction. It critically analyzes agricultural modernization's impact on the rural economy, relationships with agricultural sciences, and control over the environment, exploring food crop research challenges faced by Indian scientists.

ROUTLEDGE INDIA | 2026 | 230 pp
HB | 9781041244004 | INR 1295



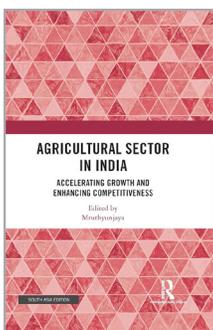
Farming Futures

Reimagining Producer Organisations in India

C. Shambu Prasad, Professor, Strategic Management and Social Sciences, Institute of Rural Management Anand (IRMA) | Ph.D., IIT Delhi
Ajit Kanitkar
Deborah Dutta

This book delves into management challenges and opportunities for sustaining farmer producer organisations (FPOs) in India through 15 diverse case studies. It addresses ownership, governance, policy decisions and the crucial role of civil society. Co-authored by academics and practitioners, it is valuable for students, researchers, development professionals and policymakers.

ROUTLEDGE INDIA | 2024 | 334 pp
HB | 9781032763897 | INR 1595



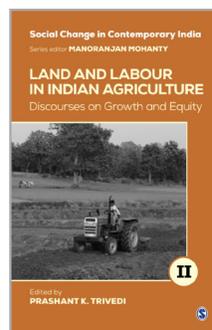
Agricultural Sector in India

Accelerating Growth and Enhancing Competitiveness

Mruthyunjaya

This book covers concepts, methods and policies in agriculture, natural resource management and environmental economics. It emphasises analytical tools, innovations and policies to enhance yields, manage supply chains and support farmers. It recognises Professor R. Ramanna's contributions and addresses issues in sustainable agricultural development. Relevant to students, researchers, practitioners and policymakers.

ROUTLEDGE INDIA | 2024 | 404 pp
HB | 9781032768809 | INR 1595



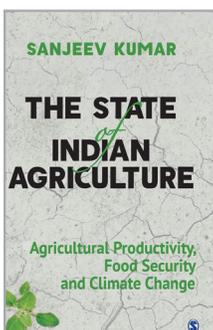
Land and Labour in Indian Agriculture

Discourses on Growth and Equity

Prashant K. Trivedi, Associate Professor, Giri Institute of Development Studies | Ph.D. (Sociology), University of Lucknow

This book explores the agrarian question in India through analytical essays on land, labour, and rural development. It discusses policy shifts, the rural crisis, and ongoing challenges, providing key insights into the evolution of agricultural discourse and rural development in India.

SAGE INDIA | 2021 | 400 pp
HB | 9789353887346 | INR 1350



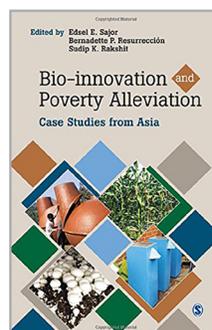
The State of Indian Agriculture

Agricultural Productivity, Food Security and Climate Change

Sanjeev Kumar, Associate Professor, Department of Economics, Chaudhary Charan Singh University | Ph.D., (Economics), Chaudhary Charan Singh University

Agriculture in India is vital for rural employment and economic growth. The book analyses current trends and the impact of climate change on food security. It suggests strategies for enhancing productivity and adopting climate-smart practices to ensure sustainable agriculture. A holistic approach is needed to address climate change challenges.

SAGE INDIA | 2020 | 300 pp
HB | 9789353883348 | INR 1425



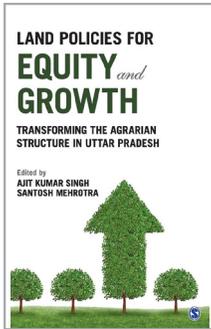
Bio-innovation and Poverty Alleviation

Case Studies from Asia

Bernadette P. Resurreccion
Sudip K. Rakshit
Edsel E. Sajor

The book explores the relationship between bio-innovation and poverty reduction in Asian countries like Cambodia, China, India, Korea, Nepal, Philippines, and Thailand. It examines various bio-innovations such as shrimp farming, GMO cotton, bio gas, organic farming, and vaccines. Divided into three themes, it analyzes the impacts, constraints, and drivers of bio-innovations on poverty alleviation.

SAGE INDIA | 2014 | 396 pp
HB | 9788132119722 | INR 1195



Land Policies for Equity and Growth

Transforming the Agrarian Structure in Uttar Pradesh

Santosh Mehrotra
Ajit Kumar Singh

"Business Analytics: Text and Cases" is a comprehensive guide on business analytics, emphasizing its importance in decision-making. The book covers planning, data interpretation, and communication of analytics results using real-world cases. It includes case studies, software applications, and appendix with solved case studies. Written by Tanushri Banerjee and Arindam Banerjee.

SAGE INDIA | 2014 | 426 pp
HB | 9788132113607 | INR 1425

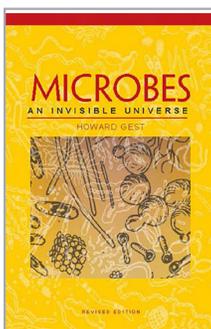


Current Scenario In Biotechnology

P. Ponmurugan
Puniethaa Prabhu
G. Ayyappadasan
R. Ganesh Babu

The book "Current Scenario In Biotechnology" by P. Ponmurugan, published by Bloomsbury, discusses contemporary biotechnology. It covers topics such as advancements, challenges, and applications in the field. The book provides insights into the current state of biotechnology, offering valuable information for readers interested in this scientific domain.

BLOOMSBURY INDIA | 2013 | 680 pp
HB | 9789382563273 | INR 2400

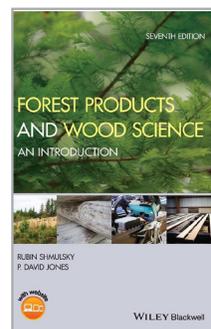


Microbes

An Invisible Universe
Howard Gest

The book introduces the microbial universe to the general public, explaining microbial life and interactions in simple terms. It covers microbiology principles and emphasizes microbes' crucial role in daily life, including their interactions with the environment and living organisms, such as humans.

ASM | 2005 | 232 pp
HB | 9781555812645 | INR 495

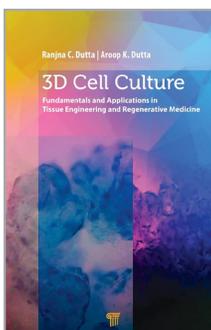


Forest Products and Wood Science

An Introduction
Rubin Shmulsky
P. David Jones

The seventh edition of "Forest Products and Wood Science: An Introduction" is a comprehensive review of the forest products industry, emphasizing wood's industrial use. Covering topics from tree growth to wood products and their applications, the updated edition includes new information on structural composites, durability, and environmental implications. Written for students and professionals, it serves as a valuable resource.

BLACKWELL | 2019 | 680 pp
HB | 9781119426431 | USD 116.95



3D Cell Culture

Fundamentals and Applications in Tissue Engineering and Regenerative Medicine
Aroop K. Dutta

The book explores the untapped potential of 3D cell culture in advancing human physiology understanding for improved diagnosis and therapeutics. It delves into novel technologies' impact, emphasizing the importance of cell microenvironment in tissue engineering and regenerative medicine. The text covers creating physiologically viable cell masses through ECM, models, and techniques for 3D culture.

JENNYSTANFORD | 2018 | 226 pp
HB | 9789814774536 | GBP 76.99



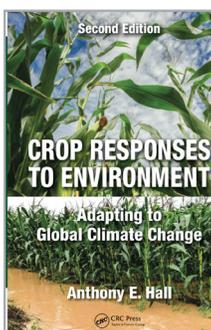
A New Kind of Computational Biology

Cellular Automata Based Models for Genomics and Proteomics

Parimal Pal Chaudhuri
Soumyabrata Ghosh
Adip Dutta
Somshubhro Pal Choudhury

The book introduces Cellular Automata (CA) and its applications in computational biology, emphasizing drug design and bio-molecule industry challenges. Targeted at students, researchers, and industry practitioners, it offers algorithms accessible to those with basic computer programming and biology knowledge. The authors aim to expand readership beyond CA-based computational biology by presenting methods descriptively.

SPRINGER | 2018 | 335 pp
HB | 9789811316388 | EUR 69.99

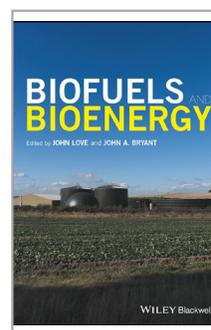


Crop Responses to Environment

Adapting to Global Climate Change
Anthony E. Hall

The second edition of "Crop Responses to Environment" explores crop responses to global climate change, emphasizing adaptation through plant breeding and management changes. It delves into plant physiological responses to light, temperature, and water, as well as crop responses to pests, diseases, and environmental stressors like salinity and flooding. The book highlights the importance of considering emergent plant properties and reductionist approaches in understanding plant function and adaptation.

CRC PRESS | 2018 | 276 pp
HB | 9781138506381 | GBP 130

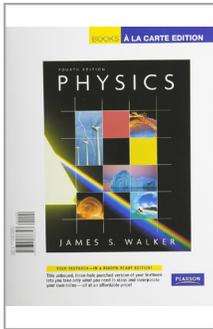


Biofuels and Bioenergy

John A. Bryant
John Love

"Biofuels and Bioenergy" explores the importance of biological fuel production in the context of renewable energy sources. The book covers historical, economic, and scientific perspectives, including conventional biofuels, synthetic biology, sustainability, and ethical considerations. It provides a comprehensive overview for students and researchers in relevant fields.

BLACKWELL | 2017 | 328 pp
HB | 9781118350560 | USD 105.95

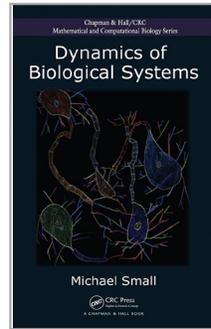


Stem Cells 2 Vols. Set

From Biology to Therapy
Robert A. Meyers

The updated Encyclopedia of Cell and Molecular Biology and Molecular Medicine provides current information on stem cell biology, with over 80% new content covering recent advancements in the field.

WILEY-VCH | 2013 | 778 pp
HB | 9783527329250 | USD 375.5

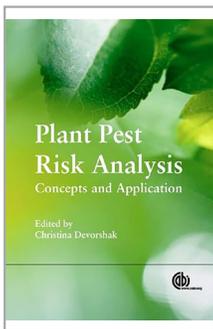


Dynamics of Biological Systems

Michael Small

"Dynamics of Biological Systems" explores the dynamic behavior of biological systems across various scales. The book introduces computational and mathematical tools to understand processes in systems like the human heart and neuronal activation. It covers topics such as pandemics, pattern formation, and complex networks, offering exercises and MATLAB(R) implementations for practical application.

CHAPMAN HALL | 2012 | 284 pp
HB | 9781439853368 | GBP 89.99

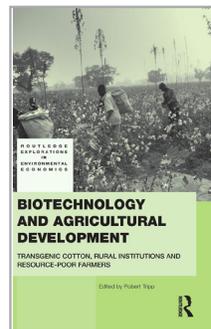


Plant Pest Risk Analysis

Concepts and Application
Christina Devorshak

The book guides students, researchers, and policymakers in assessing and managing plant pest risks. It covers PRA theory, quantitative/qualitative methods, risk management, communication, invasive species, case studies, and regulatory frameworks for agriculture and crop protection.

CABI | 2012 | 312 pp
HB | 9781780640365 | GBP 101.45

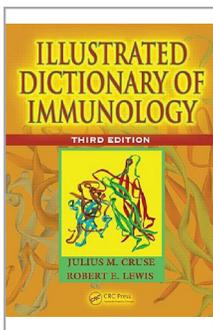


Biotechnology and Agricultural Development

Transgenic Cotton, Rural Institutions
and Resource-poor Farmers
Rob Tripp

The book examines the debate surrounding genetically modified (GM) crops in developing countries, focusing on insect-resistant cotton. It reviews the agronomic and economic performance of GM cotton in China, India, South Africa, and Colombia. The analysis challenges both optimistic and pessimistic views, emphasizing the importance of policy change alongside biotechnology for agricultural development.

ROUTLEDGE | 2009 | 280 pp
HB | 9780415499637 | GBP 180

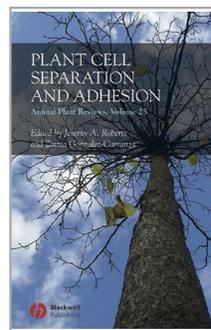


Illustrated Dictionary of Immunology

Julius M. Cruse
Robert E. Lewis

The Illustrated Dictionary of Immunology, Third Edition offers a comprehensive resource with over 1200 illustrations for both immunologists and nonimmunologists. Covering a wide range of terms and topics in immunology, the book includes descriptions and images of historical figures, molecular structures, and modern advances like immunopharmacology and newly described interleukins.

CRC PRESS | 2009 | 816 pp
HB | 9780849379871 | GBP 120

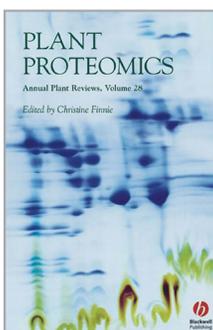


Plant Cell Separation and Adhesion

Zinnia Gonzalez-Carranza

The book explores the significance of cell separation in plant development, detailing its role in various processes like germination, tissue differentiation, and fruit ripening. It is the first volume dedicated to this topic, aiming to enhance scientific understanding and offer practical applications for agriculture and horticulture. The book targets both researchers and industry professionals.

BLACKWELL | 2007 | 320 pp
HB | 9781405138925 | USD 280

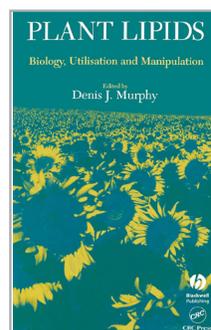


Plant Proteomics

Annual Plant Reviews
Christine Finnie

Proteomics focuses on identifying and characterizing protein expression patterns, structures, and functions in biological systems. In plant science, proteome studies have increased post-genome sequencing of Arabidopsis thaliana. Challenges in plant proteome analysis include rigid cell walls and diverse secondary metabolites. This book explores how proteome analysis enhances understanding of plant biochemistry and physiology.

BLACKWELL | 2006 | 320 pp
HB | 9781405144292 | USD 303.95

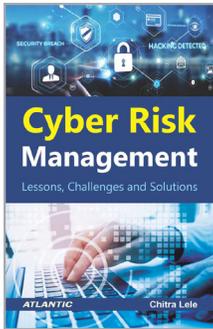


Plant Lipids

Biology, Utilisation and Manipulation
Denis J. Murphy

Recent research tools have unveiled new insights into the diverse roles of lipids in cellular processes like signaling, defense against pathogens, and protein function. Lipids play a dynamic role in recognition, signaling within and between cells, deterrence, and membrane trafficking.

BLACKWELL | 2005 | 428 pp
HB | 9781405119047 | GBP 114.95

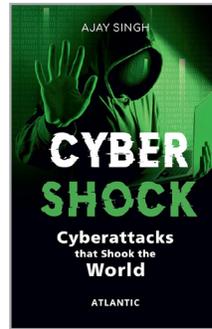


Cyber Risk Management

Lessons, Challenges and Solutions
Chitra Lele, Software Consultant | Master in Computer Management, Master's of Science in Software Engineering

This book is a comprehensive guide addressing global cyber risks. It demystifies cyber risk management for leaders, executives, professionals, and users. The book covers cyber risk fundamentals, dynamics, preparation, compliance, insurance, and emerging trends, aiming to enhance organisations' cyber resilience and awareness.

ATLANTIC | 2024 | 166 pp
 HB | 9788126929498 | INR 595



Cyber Shock

Cyberattacks that Shook the World
Ajay Singh, Former CEO, Fintech Company

This book delves into major cyber-attacks worldwide, showcasing extraordinary tactics used by hackers. The book, praised by industry experts, provides a comprehensive view of high-impact cyber incidents and the complex challenges they pose to organisations. It educates readers on cyber threats, attacker strategies and security vulnerabilities in the digital realm.

ATLANTIC | 2024 | 232 pp
 HB | 9788126936908 | INR 1295

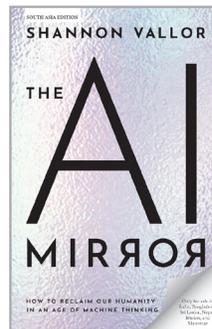


Technology in Financial Markets

Complex Change and Disruption
Marco Dell'Erba

"Technology in Financial Markets" explores blockchain's impact on finance, proposing a theoretical approach to disruption through complexity science. It analyzes how technology-driven transformations affect commercial practices, capital markets, governance, and regulation. Using blockchain as a case study, the book details the evolution of financial systems and the creation of new paradigms.

OXFORD UP | 2025 | 464 pp
 HB | 9780198973805 | INR 1695

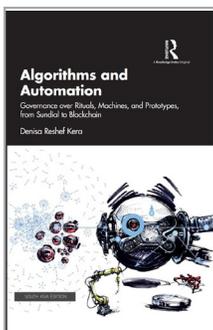


The AI Mirror

How to Reclaim Our Humanity in an Age of Machine Thinking
Shannon Vallor

Artificial intelligence offers hope for human advancement, yet current AI technologies often perpetuate past errors and biases. Shannon Vallor argues for a new approach to AI that fosters moral and intellectual growth, enabling humanity to address pressing challenges and shape a better future. She advocates for redefining AI's purpose and potential.

OXFORD UP | 2025 | 274 pp
 HB | 9780197823828 | INR 1195

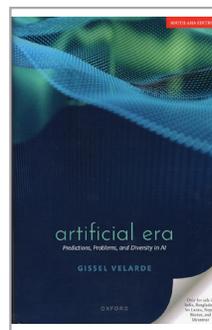


Algorithms and Automation

Governance over Rituals, Machines, and Prototypes, from Sundial to Blockchain
Denisa Reshef Kera

The book explores automation's historical and societal impacts, emphasising its political nature. It argues for democratic governance over technological innovation to uphold human rights and values. The author created a bot to engage with the book's content, showcasing the theme of automation and human agency.

ROUTLEDGE INDIA | 2024 | 270 pp
 HB | 9781032825434 | INR 1295

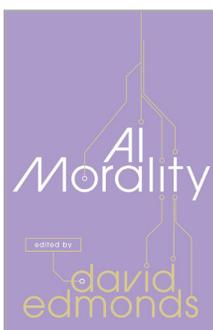


Artificial Era

Predictions, Problems, and Diversity in AI
Gissel Velarde, Professor, Artificial Intelligence, D sselordf, North Rhine-Westphalia | M.Sc., (Electronic Systems and Engineering Management), Ph.D. (Computer Science and Engineering), Aalborg University

This book by Gissel Velarde explores technology trends' societal impact, emphasising the consequences of innovation. The book delves into global robot usage, productivity, and job displacement, highlighting the lack of diversity in AI communities. Velarde warns that this issue could worsen representation disparities in employment, civil rights, gender, and education without intervention.

OXFORD UP | 2024 | 292 pp
 HB | 9780198929963 | INR 1695

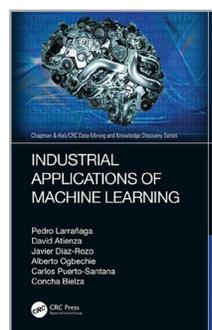


AI Morality

David Edmonds

A team of philosophers led by David Edmonds delves into the ethical implications of AI's increasing influence on society. They address pressing concerns such as self-identity, healthcare, politics, and more. Through vivid examples and future scenarios, the book offers insights on navigating the moral challenges posed by artificial intelligence's pervasive impact on human life.

OXFORD UP | 2024 | 260 pp
 HB | 9780198876434 | GBP 14.99

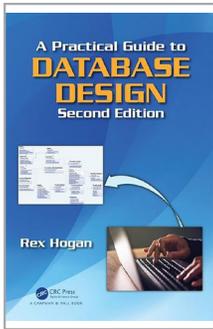


Industrial Applications of Machine Learning

Pedro Larrañaga
David Atienza
Javier Diaz-Rozo
Alberto Ogbeche
Carlos Esteban Puerto-Santana
Concha Bielza

"Industrial Applications of Machine Learning" explores applying machine learning in the fourth industrial revolution, offering knowledge and tools for readers to create solutions. It covers machine learning basics, four case studies in manufacturing/logistics, and the impact of the revolution on society. The book targets researchers interested in real-world industrial challenges.

CRC PRESS | 2019 | 344 pp
 HB | 9780815356226 | GBP 130



A Practical Guide to Database Design
Rex Hogan

"A Practical Guide to Database Design, Second Edition" offers updated insights on developing Third Normal Form data models, normalization processes, and creating databases in Microsoft Access and SQL Server. The book also covers using data modeling tools, managing logical and physical data models, and creating Data Definition Language statements for various DBMS. Additionally, it includes chapters on using Microsoft Access for user interfaces and extracting records from log files for SQL Server tracking tables, along with building a web-based GUI using PHP.

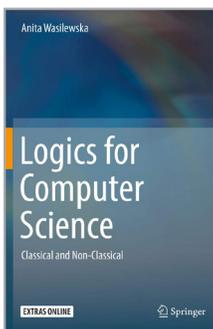
CHAPMAN HALL | 2018 | 430 pp
HB | 9781138578067 | **GBP 94.99**



Fundamentals of Java Programming
Mitsunori Ogihara

This Java programming book covers key object classes like String, Scanner, and Arrays. It provides concise descriptions of fundamental concepts using code examples without graphics. The book includes over 250 exercises per chapter with manual solutions, and offers source codes electronically. Instructors have access to lecture slides.

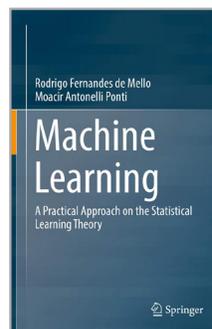
SPRINGER | 2018 | 515 pp
HB | 9783319894904 | **EUR 74.99**



Logics for Computer Science
Classical and Non-Classical
Anita Wasilewska

"Logics for Computer Science" is a textbook introducing classical and non-classical logics to computer scientists. It covers the need for logical investigations, different types of logics, historical context, and formal approaches. The book discusses Gentzen and Hilbert formalizations, first-order theories, Godel's theorems, many-valued and modal logics, and their applications in computer science.

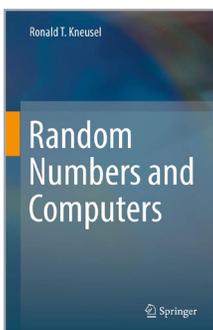
SPRINGER | 2018 | 535 pp
HB | 9783319925905 | **EUR 119.99**



Machine Learning
A Practical Approach on the Statistical Learning Theory
Rodrigo Fernandes de Mello
Moacir Antonelli Ponti

This book explains Statistical Learning Theory using practical examples, algorithms, and source codes. It covers Machine Learning concepts like Perceptron and Support Vector Machines, emphasizing the Bias-Variance Dilemma. Theoretical foundations, classification algorithms, concentration inequalities, and optimization concepts are discussed, with a focus on SVM kernels for improving classification results.

SPRINGER | 2018 | 362 pp
HB | 9783319949888 | **EUR 99.99**



Random Numbers and Computers
Ronald T. Kneusel

"Random Numbers and Computers" is a comprehensive guide on pseudorandom number generation in computer science. It covers algorithms, evaluation techniques, and provides practical advice with code examples in C and Python. Readers learn how to understand, test, and apply these techniques in their work, emphasizing hands-on learning and practical application.

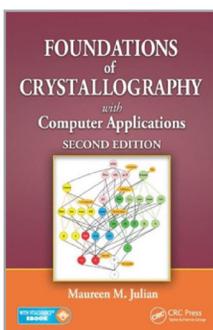
SPRINGER | 2018 | 286 pp
HB | 9783319776965 | **EUR 69.99**



Guide to Software Development
Designing and Managing the Life Cycle
Arthur M. Langer

This book provides guidance on navigating quality and process improvement in enterprise software implementation, impacting the software development life cycle. It emphasizes an integrated approach involving management practices and decision-making. The revised second edition covers topics like cybersecurity, big data, and digital transformation, offering practical advice on defining requirements and managing change.

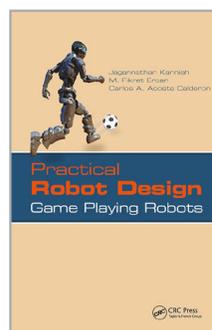
SPRINGER | 2016 | 402 pp
HB | 9781447167976 | **EUR 89.99**



Foundations of Crystallography with Computer Applications
Maureen M. Julian

"Foundations of Crystallography with Computer Applications, Second Edition" offers a logical, symmetric approach to crystallography for students and self-teaching scientists in various fields. The book integrates computer exercises, covering crystal arrangements, systems, and properties. New chapters, molecular examples, and improved programs enhance learning, with access to ebook versions included in print.

CRC PRESS | 2015 | 674 pp
HB | 9781466552913 | **GBP 100**

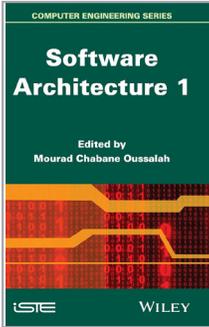


Practical Robot Design
Game Playing Robots

Jagannathan Kanniah
M. Fikret Ercan
Carlos A. Acosta Calderon

"Practical Robot Design: Game Playing Robots" is a guide for beginners, students, and robotics enthusiasts on building game-playing robots. It covers theory, design, construction, actuators, sensors, vision, control, AI techniques, and MATLAB(R) code examples. The book includes drive motors, control techniques, advanced controllers, AI, vision systems, and sensor systems, aiming to empower readers in robotics.

CRC PRESS | 2014 | 418 pp
HB | 9781439810330 | **GBP 89.99**

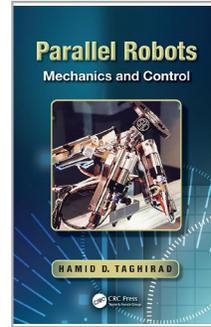


Software Architecture 1

Mourad Chabane Oussalah

Over the last two decades, software architectures have played a crucial role in complex system development. The key issue in designing software systems is their architecture, encompassing elements organization. The book delves into architecture paradigms like objects, components, services, and models, exploring techniques, qualities, templates, styles, formalization, validation, testing, and engineering approaches.

WILEY-ISTE | 2014 | 352 pp
 HB | 9781848216006 | USD 177.95



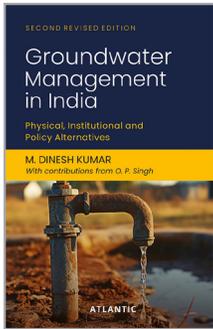
Parallel Robots

Mechanics and Control

Hamid D. Taghirad

This book fills a gap in the literature by integrating the analysis of kinematics and dynamics with controller design methods for parallel robots. It offers engineers and researchers tools for designing and implementing parallel structures, covering Jacobian analysis, dynamic analysis methods, and advanced control topics. Case studies demonstrate practical application of the techniques.

CRC PRESS | 2013 | 533 pp
 HB | 9781466555761 | GBP 220



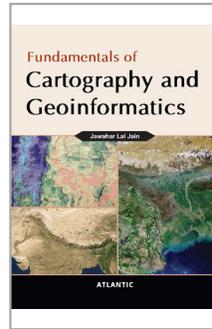
Groundwater Management in India

Physical, Institutional and Policy Alternatives

M. Dinesh Kumar, Executive Director, Institute for Resource Analysis and Policy (IRAP), Hyderabad | Ph.D., Water Management
O.P. Singh, Professor, Department of Agricultural Economics, Banaras Hindu University (BHU) | B.Sc., M.Sc., Ph.D., Banaras Hindu University

“Groundwater Management in India” explores the economic and social impacts of groundwater use, emphasizing sustainable management in threatened regions. The book analyzes data on hydrology, economics, and institutions to draw policy recommendations. It focuses on groundwater’s role in poverty alleviation and offers insights for policymakers, academics, and NGOs in water management.

ATLANTIC | 2025 | 442 pp
HB | 9788126940387 | INR 1495

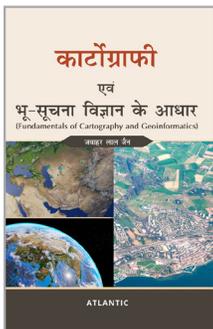


Fundamentals of Cartography and Geoinformatics

Jawahar Lal Jain, Professor, Department of Geography, Dr Harisingh Gour Central University | B.A., M.A., Ph.D. (Geography and Cartography)

The book simplifies map science and modern technologies like Remote Sensing, GIS, GPS, and the Internet for teachers and students. It avoids complexity, focusing on clear explanations without heavy math or science. It covers Cartography basics, Remote Sensing, GIS, GPS, and global trends in the field.

ATLANTIC | 2024 | 234 pp
HB | 9788126935703 | INR 995

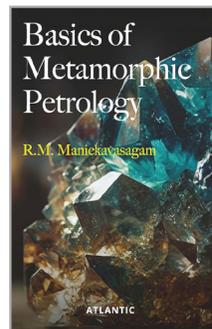


Cartography avam Bhu-Suchna Vigan ke Aadhaar

Jawahar Lal Jain, Professor, Department of Geography, Dr Harisingh Gour Central University | B.A., M.A., Ph.D. (Geography and Cartography)

A comprehensive textbook introducing principles and techniques of cartography and geoinformatics, covering mapmaking, GIS, remote sensing, and GPS. It links foundational map science with practical methods for spatial data collection, analysis, and visualisation for geography, surveying, and environmental studies students.

ATLANTIC | 2024 | 260 pp
HB | 9788126935734 | INR 995

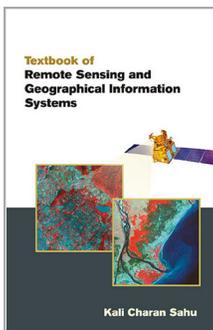


Basics of Metamorphic Petrology

R.M. Manickavasagam, Retired Professor, Earth Sciences and Institute Instrumentation Center, Indian Institute of Technology (IIT) | Doctoral Degree, Geology

The book introduces students to metamorphic processes, rock types, mineral paragenesis, facies, P-T conditions, metamorphic reactions, tectonic settings, and field identification, combining theoretical concepts with practical guidance for geology studies.

ATLANTIC | 2024 | 220 pp
HB | 9788126937295 | INR 1195

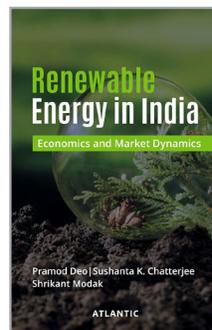


Textbook of Remote Sensing and Geographical Information Systems

Kali Charan Sahu, Reader, Berhampur University

Remote sensing technology in India began in the 1960s, advancing in the 1970s and 1980s with satellite and sensor development for communication and resource exploitation. Achievements include launching satellites like IRS-1A and Oceansat-1 for monitoring resources. This book caters to undergraduate and postgraduate courses on remote sensing, GIS, and related fields.

ATLANTIC | 2024 | 512 pp
HB | 9788126909094 | INR 1295



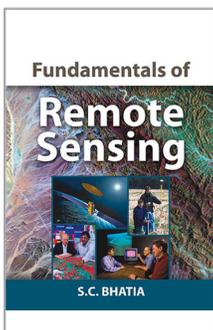
Renewable Energy in India

Economics and Market Dynamics

Pramod Deo, Former Chairman, Central Electricity Regulatory Commission, India | M.Sc. (Physics), Ph.D. (Infrastructure Economics), Postdoctoral (Research Energy Policy and Economics)
Sushanta K. Chatterjee, Chief, Regulatory Affairs, The Central Electricity Regulatory Commission, India | Ph.D. (Management), M.B.A. (Finance)
Shrikant Modak

This economics-focused book delves into pricing and regulation of electricity generation from renewable sources, particularly in India. It compares policies worldwide and examines the market dynamics of renewable energy certificates. It aims to address the policy challenges facing the renewable energy sector in India and advocates for fair market mechanisms.

ATLANTIC | 2024 | 252 pp
HB | 9788126938681 | INR 1195

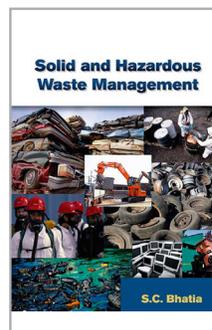


Fundamentals of Remote Sensing

S.C. Bhatia, Chemical Engineer, BITS, Pilani | M.B.A., Ph.D. (Applied Economics), KU Leuven

Remote sensing, a vital technology in various fields, is explored in this comprehensive book covering principles, techniques, GIS integration, and natural hazards. With 23 chapters, it delves into mapping, data analysis, and satellite observations. Suitable for students and professionals, it offers clear explanations and useful visual aids.

ATLANTIC | 2023 | 552 pp
HB | 9788126909315 | INR 1495

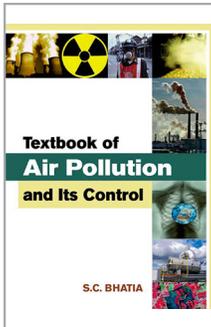


Solid and Hazardous Waste Management

S.C. Bhatia, Chemical Engineer, BITS, Pilani | M.B.A., Ph.D. (Applied Economics), KU Leuven

The book highlights the alarming rise in environmental pollution due to human activities like urbanization and agriculture. It emphasises that industrial emissions are not the primary cause, but rather daily human living. It covers waste management, hazardous waste treatment, site assessment and regulatory policies, catering to students, teachers, industrialists and environmental authorities.

ATLANTIC | 2023 | 552 pp
HB | 9788126908141 | INR 1995

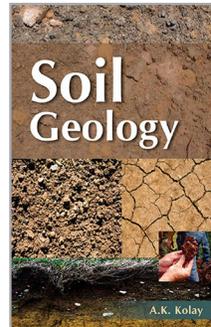


Textbook of Air Pollution and Its Control

S.C. Bhatia, Chemical Engineer, BITS, Pilani | M.B.A., Ph.D. (Applied Economics), KU Leuven

The Earth's atmosphere has been significantly altered by fossil fuel emissions, leading to urgent concerns about climate change. A comprehensive book on air pollution details its causes, impacts, and solutions, emphasising the need for immediate action to combat dangerous levels of carbon dioxide. Valuable resource for students, researchers, and environmentalists.

ATLANTIC | 2023 | 596 pp
HB | 9788126908240 | INR 1595

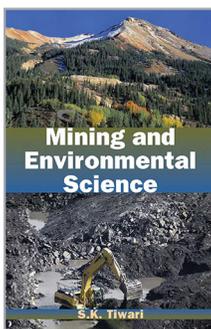


Soil Geology

A.K. Kolay, Retired Professor, School of Agricultural Sciences & Rural Development, North Eastern Hill University | M.Sc. (Agriculture), Ph.D., IARI

The book explains how parent rocks, weathering, and climate influence soil formation, texture, mineralogy, and properties. It links geology and soils, providing foundational knowledge for students of soil science, geology, agriculture, and environment.

ATLANTIC | 2021 | 256 pp
HB | 9788126914524 | INR 795

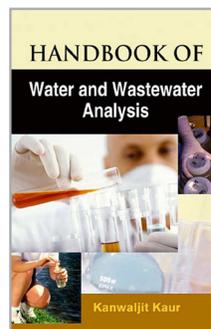


Mining and Environmental Science

S.K. Tiwari, Associate Professor, UGC Academic Staff College, BHU | Postgraduate (Applied Geology), Ph.D. (Thesis on Geology of Andaman & Nicobar Islands), BHU

Mining, whether near the surface or deep underground, involves removing rock, soil and vegetation, impacting the environment. This textbook covers coal, lead, zinc and other mining aspects, addressing pollution, health hazards and remedial measures. Intended for university students and researchers in Geology, Geography and Mining Engineering, it's also beneficial for competitive exam preparation.

ATLANTIC | 2021 | 376 pp
HB | 9788126914074 | INR 1195

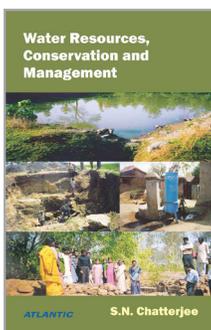


Handbook of Water and Wastewater Analysis

Kanwaljit Kaur, Director, Sustainability Networks | Master's (Environment Science), Doctorate (Environment Management), Jiwaji University

This book is a comprehensive guide covering sampling, preservation, analytical methods, waste minimisation, pollutant removal, treatment techniques and standards. It includes detailed information on accreditation, calculations, and references, making it valuable for technicians, students, researchers, engineers and industries seeking in-depth knowledge in the field.

ATLANTIC | 2020 | 272 pp
HB | 9788126906109 | INR 795

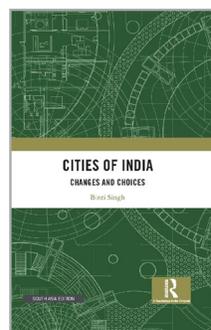


Water Resources, Conservation and Management

S.N. Chatterjee, Former Head, Department of Social Studies and Rural Development, Visva Bharati | M.A., Calcutta University, Ph.D. (Geography), Visva Bharati, Santiniketan

The book gives an up-to-date, systematic and scientific analysis of water problems and suggests measures to overcome these through effective water management. It will prove immensely useful to students, researchers, water resource managers, hydrologists and all those who are engaged or interested in any aspect of water conservation and management of water resources in the country.

ATLANTIC | 2020 | 208 pp
HB | 9788126931071 | INR 695



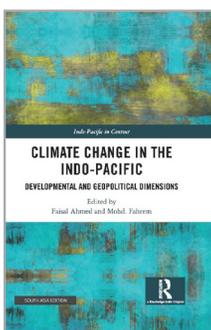
Cities of India

Changes and Choices

Binti Singh

The book explores the challenges and choices facing urban India as it transitions into more urbanized settings. It discusses topics such as renewable energy, infrastructure accessibility, climate risks, globalization, heritage conservation, smart technologies, and sustainable urban planning. Emphasizing the integration of design and planning with sustainability and climate action, the book delves into the complexities of urban development.

ROUTLEDGE INDIA | 2026 | 114 pp
HB | 9781041239758 | INR 1295



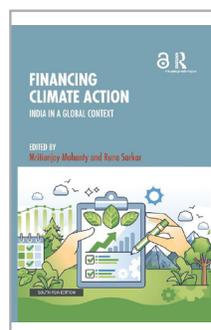
Climate Change in the Indo-Pacific

Developmental and Geopolitical Dimensions

Faisal Ahmed
Mohd. Faheem

This book delves into climate change policy in the Indo-Pacific region, covering aspects like climate resilience, non-traditional security, geo-economic impacts, and climate refugees. It offers insights on policy implementation at various levels and will appeal to scholars in politics, public policy, environment, sustainability, climate action, and Indo-Pacific studies.

ROUTLEDGE INDIA | 2026 | 178 pp
HB | 9781041194705 | INR 1295



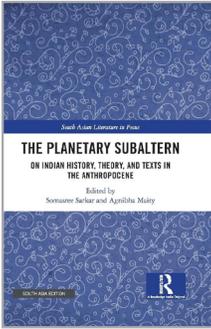
Financing Climate Action

India in a Global Context

Mritiunjoy Mohanty

The book is a comprehensive guide on climate finance for India, exploring how the country can mobilise public/private capital, markets, policies, and institutions to fund mitigation and adaptation, with lessons from global practices and tailored strategies for sustainable climate action.

ROUTLEDGE INDIA | 2026 | 474 pp
HB | 9781041279716 | INR 1995



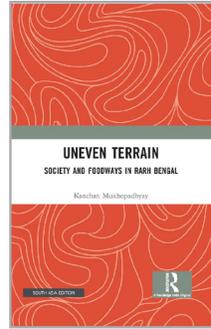
The Planetary Subaltern

On Indian History, Theory, and Texts in the Anthropocene

Somasree Sarkar
Agnibha Maity

The book explores the intersection of Anthropocene and Subaltern Studies, emphasizing the impact of climate precarity on marginalized communities. It criticizes the Anthropocene discourse for neglecting subaltern voices and proposes new paradigms for addressing climate crises, particularly in India. Aimed at scholars in South Asian studies, literary criticism, environmental studies, and climate action.

ROUTLEDGE INDIA | 2026 | 226 pp
HB | 9781041244967 | INR 1295

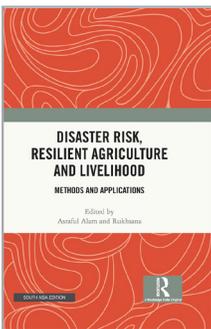


Uneven Terrain

Society and Foodways in Rarh Bengal
Kanchan Mukhopadhyay

This book offers an ethnographic study of food practices in Rarh, West Bengal, India, exploring social, political, and economic dynamics in rural areas. It delves into the impact of global influences on resources, cultural diversity, and regional identity. Targeted at scholars in anthropology, sociology, history, geography, ethnography, food studies, and South Asian studies.

ROUTLEDGE INDIA | 2026 | 238 pp
HB | 9781041243823 | INR 1295



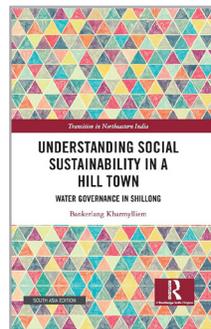
Disaster Risk, Resilient Agriculture and Livelihood

Methods and Applications

Asrafal Alam
Rukhsana Sarkar

This volume explores agricultural disaster risk, resilient agriculture, and livelihoods, focusing on sustainable development goals and climate change impacts. It discusses innovative approaches to natural hazards, ecosystem services, and land degradation. Essential for students and researchers in geography, environmental sciences, and disaster management, as well as related professionals.

ROUTLEDGE INDIA | 2025 | 314 pp
HB | 9781041027393 | INR 1595



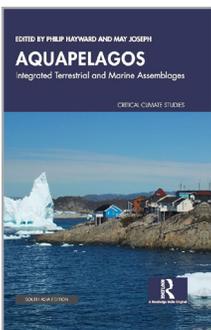
Understanding Social Sustainability in a Hill Town

Water Governance in Shillong

Bankerlang Kharmylliem

This book examines Shillong's water scarcity, exploring the role of village councils (Khasi dorbar shnong) in equitable water management. It covers the complexities of water governance, focusing on social sustainability, gender, and social capital, while contrasting municipal and non-municipal areas. It offers significant insights into Shillong's water challenges.

ROUTLEDGE INDIA | 2025 | 204 pp
HB | 9781041027522 | INR 1295



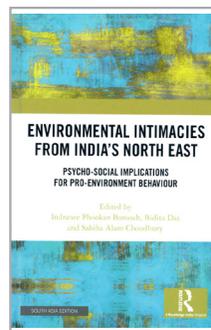
Aquapelagos

Integrated Terrestrial and Marine Assemblages

Philip R. Hayward
May Joseph

This book explores marine-terrestrial relationships through interdisciplinary lenses, addressing climate change, rising seas, and human-aquatic interrelations. Spanning global sites from the Andamans to the Grand Banks, it blends ethnography, geography, architecture, and science to examine ecological futures and adaptation. Ideal for both general readers and advanced climate researchers.

ROUTLEDGE INDIA | 2025 | 224 pp
HB | 9781041086369 | INR 1295



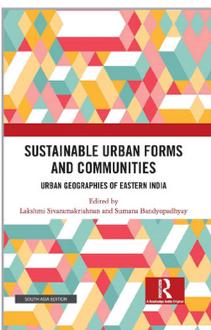
Environmental Intimacies from India's North East

Psycho-Social Implications for Pro-Environment Behaviour

Indraneel Phookan Borooh
Bidita Das
Sabiha Alam Choudhury

This book explores the relationship between the people of North East India and their environment, focusing on traditional beliefs, cultural practices, and livelihood. It highlights their efforts towards sustainability, pro-environmental behaviour, and addresses pressing environmental issues while reflecting the region's rich ecological diversity and cultural identity.

ROUTLEDGE INDIA | 2025 | 298 pp
HB | 9781041028666 | INR 1295



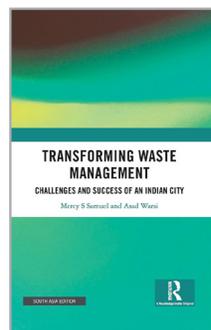
Sustainable Urban Forms and Communities

Urban Geographies of Eastern India

Lakshmi Sivaramakrishnan
Sumana Bandyopdhyay

This volume delves into urbanisation patterns in West Bengal, a highly urbanised Indian state in the early 20th Century. It emphasises sustainable urban development, governance, spatial growth, well-being and decentralised planning. The book, beneficial for geography and urban studies scholars, explores urban landscapes, governance and impacts on health and the environment.

ROUTLEDGE INDIA | 2025 | 231 pp
HB | 9781032962696 | INR 1595



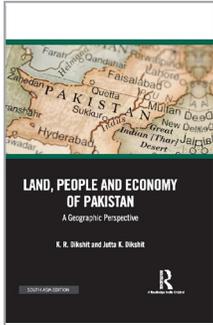
Transforming Waste Management

Challenges and Success of an Indian City

Mercy S. Samuel
Asad Warsi

This book delves into Indore, India's waste management transformation, showcasing how the city revamped strategies to become one of the cleanest in the nation. It explores challenges faced, innovative models, technology, policy changes and bridging gaps between stakeholders. Indore's success in mainstreaming informal waste systems and technological interventions for sustainability are highlighted.

ROUTLEDGE INDIA | 2025 | 148 pp
HB | 9781032962894 | INR 1295



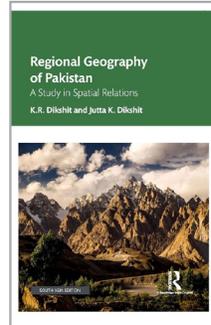
Land People and Economy of Pakistan

A Geographic Perspective

K. R. Dikshit
Jutta K. Dikshit

The book explores Pakistan's diverse physical terrain, societal evolution, economic activities, human interaction with nature, resource distribution, manufacturing, transport, trade, economic fluctuations under various political regimes, and social, linguistic, and ethnic diversity. It delves into habitat studies, including villages, towns, and rural society organization, offering a comprehensive overview of the country's economy and society.

ROUTLEDGE INDIA | 2025 | 488 pp
HB | 9781041087632 | INR 1995



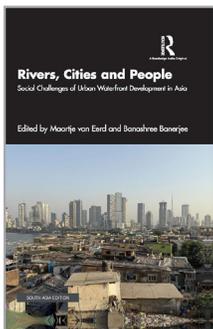
Regional Geography of Pakistan

A Study in Spatial Relations

K. R. Dikshit
Jutta K. Dikshit

This book offers an integrated view of Pakistan's four provinces, focusing on their unique characteristics, historical background, social structure, and economic potential. It delves into Punjab's agricultural transformation, Baluchistan and Khyber Pakhtunkhwa's mineral resources, Sindh's economy driven by the Indus River, and Islamabad's development as the federal capital symbolizing national pride.

ROUTLEDGE INDIA | 2025 | 380 pp
HB | 9781041087663 | INR 1595



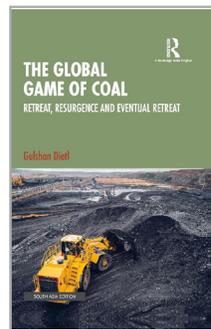
Rivers, Cities and People

Social Challenges of Urban Waterfront
Development in Asia

Maartje van Eerd
Banashree Banerjee

The book examines recent efforts in Asian cities towards river restoration and urban development to enhance resilience, inclusivity, and reduce pollution. It emphasizes the importance of considering social issues in planning urban riverscapes to prevent social exclusion. Through diverse perspectives, it explores the intertwining of urban river restoration with urban citizenship, housing rights, poverty, livelihoods, and common property resources.

ROUTLEDGE INDIA | 2025 | 246 pp
HB | 9781041141426 | INR 1295

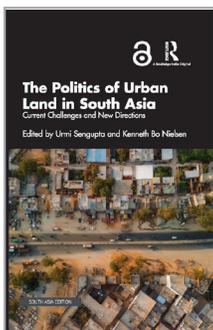


The Global Game of Coal

Retreat, Resurgence and Eventual Retreat
Gulshan Dietl

The book delves into the global significance of coal in energy geopolitics, climate change debates, and energy security. It analyzes the "coal game" involving key players like Joe Manchin, Vladimir Putin, Scott Morrison, and Gautam Adani. The author examines coal's role in industrialization, policies of major exporters/importers, and future scenarios regarding coal use.

ROUTLEDGE INDIA | 2025 | 288 pp
HB | 9781041086376 | INR 1295



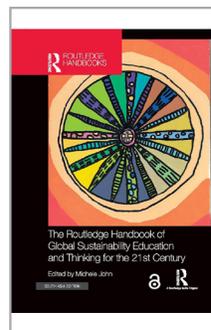
The Politics of Urban Land in South Asia

Current Challenges and New Directions

Urmi Sengupta
Kenneth Bo Nielsen

The book delves into the contentious politics of urban land in South Asia, focusing on challenges and conflicts surrounding land allocation and resources in countries like India, Bangladesh, Pakistan, Sri Lanka, and Nepal. It examines struggles of low-income and marginalized communities against dispossession, offering insights for future research and land policy. The book targets students, researchers, policymakers, and real estate professionals interested in urban development in Asia.

ROUTLEDGE INDIA | 2025 | 266 pp
HB | 9781041115670 | INR 1295

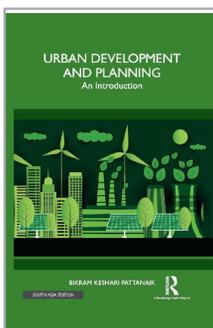


The Routledge Handbook of Global Sustainability Education and Thinking for the 21st Century

Michele John

The Handbook emphasizes sustainability education's key role in driving global sustainable development. It advocates for transformative changes in institutional leadership and educational structures to support this shift. By promoting sustainability thinking and multidisciplinary education, it highlights the need for a systemic overhaul to address the challenges of sustainable development effectively in the 21st century.

ROUTLEDGE INDIA | 2025 | 978 pp
HB | 9781041086307 | INR 3895



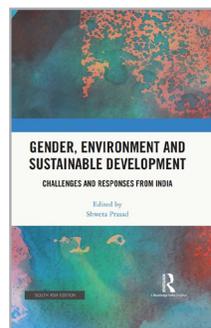
Urban Development and Planning

An Introduction

Bikram Pattanaik

This book covers contemporary urban development, governance, and planning issues, analyzing policies of high and lower-middle-income countries for sustainable urbanization. It discusses theories, approaches, and challenges like education, health, waste management, and smart cities. Intended for students, researchers, teachers, NGOs, and urban planners, it serves as a comprehensive resource.

ROUTLEDGE INDIA | 2025 | 588 pp
HB | 9781041114413 | INR 2495

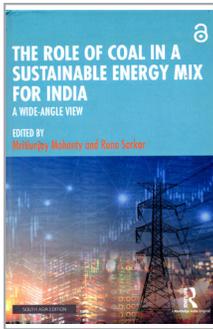


Gender, Environment and Sustainable Development

Challenges and Responses from India
Shweta Prasad

This book explores gender perspectives on environment and sustainable development, addressing topics like sustainable practices, environmental policies and climate change's gendered impacts. It includes contributions from academics and practitioners, offering insights on India's environmental challenges and policy actions. Ideal for students, researchers and policymakers in gender, environment and public policy.

ROUTLEDGE INDIA | 2024 | 276 pp
HB | 9781032825298 | INR 1295

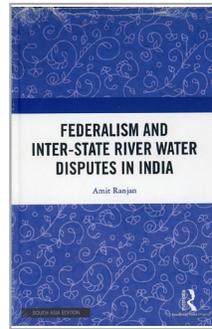


The Role of Coal in a Sustainable Energy Mix for India

A Wide-Angle View
Mritiunjoy Mohanty
Runa Sarkar

Edited by Mritiunjoy Mohanty and Runa Sarkar, this book explores India's shift from coal-based energy to sustainable alternatives, analysing challenges and stakeholder roles. It's vital for those studying energy policy and sustainable development in India.

ROUTLEDGE INDIA | 2024 | 386 pp
HB | 9781032707259 | INR 1595

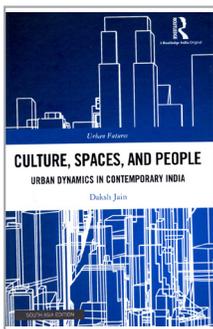


Federalism and Inter-State River Water Disputes in India

Amit Ranjan, Research Fellow, Institute of South Asian Studies, National University of Singapore | Master's, Kirori Mal College, University of Delhi, Doctoral, Jawaharlal Nehru University

This book explores Union-State and inter-State relations on water issues in India, focusing on the federal structure's effectiveness in resolving disputes over rivers like the Cauvery, Krishna and Mahadayi. It delves into physical, political, legal and constitutional actions by the Union government and states, debates centralisation vs. decentralisation of water resources, and addresses socio-political tensions around water projects.

ROUTLEDGE INDIA | 2024 | 242 pp
HB | 9781032721682 | INR 1295

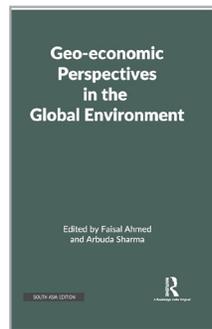


Culture, Spaces, and People

Urban Dynamics in Contemporary India
Daksh Jain

This book delves into how culture, space, and urban life intersect in modern India, revealing the social and spatial dynamics shaping its cities. A valuable resource for understanding contemporary urban challenges through cultural and community-driven perspectives.

ROUTLEDGE INDIA | 2024 | 150 pp
HB | 9781032723709 | INR 1295

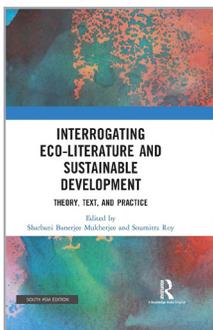


Geo-economic Perspectives in the Global Environment

Faisal Ahmed
Arbuda Sharma

The book explores the impact of the COVID-19 pandemic on global geopolitics, international trade and business dynamics, focusing on finance, infrastructure, policy and entrepreneurship in India. It covers topics like geostrategic shifts in the Indo-Pacific, COVID-19's effects on security, India-China relations, FDI spill over, entrepreneurship education and the Thai Canal project.

ROUTLEDGE INDIA | 2024 | 220 pp
HB | 9781032668062 | INR 1295

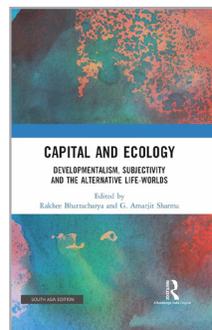


Interrogating Eco-Literature and Sustainable Development

Theory, Text, and Practice
Sharbani Banerjee Mukherjee
Soumitra Roy

This book explores ecological crisis and sustainable development by analysing literary works of Tagore, Ghosh, Hopkins, Arendt and Buell. It delves into themes like oriental ecological consciousness, environmental evocations, misogyny's postmodern forms, nature in English literature, statelessness leading to environmental refugees, ecocriticism in comics, and trust in the earth's goodness. Scholars in cultural studies, literature, anthropology, gender studies and environmental fields will find it valuable.

ROUTLEDGE INDIA | 2024 | 228 pp
HB | 9781032646077 | INR 1295



Capital and Ecology

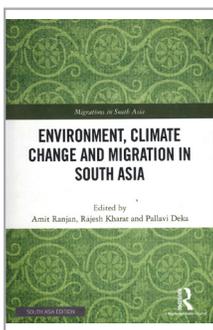
Developmentalism, Subjectivity and the Alternative Life-Worlds

Rakhee Bhattacharya

G. Amarjit Sharma, Assistant Professor, Special Centre for the Study of North East India, Jawaharlal Nehru University | M.Phil, Ph.D. (Centre for Political Studies), Jawaharlal Nehru University

This volume explores how the Eastern Himalayan region has become a battleground for neoliberal developmentalism and ecological concerns due to global capitalism's influence. It focuses on the adverse impacts of energy infrastructure projects on the environment, labour relations, indigenous knowledge and traditional livelihoods, emphasising the clash between capital accumulation and ecological preservation.

ROUTLEDGE INDIA | 2024 | 360 pp
HB | 9781032763927 | INR 1595

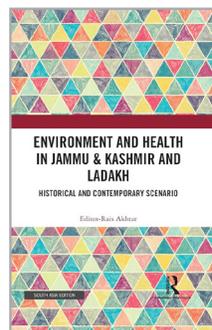


Environment, Climate Change and Migration in South Asia

Amit Ranjan, Research Fellow, Institute of South Asian Studies, National University of Singapore | Master's, Kirori Mal College, University of Delhi, Doctoral, Jawaharlal Nehru University
Rajesh Kharat
Pallavi Deka

Climate change is driving migration worldwide, with an estimated one billion climate migrants/refugees by 2050. South Asia is experiencing increased migration due to disasters and environmental issues. The book emphasises challenges faced by governments and communities in protecting the environment, particularly the impact on marginalised groups and the need for policy measures to address climate-related migrations.

ROUTLEDGE INDIA | 2024 | 256 pp
HB | 9781032669441 | INR 1295

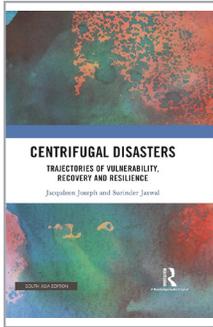


Environment and Health in Jammu & Kashmir and Ladakh

Historical and Contemporary Scenario
Rais Akhtar

This book delves into the factors shaping the public health system in Jammu & Kashmir and Ladakh, exploring disease patterns, medical missionaries' contributions and traditional therapies. It covers cholera ecology, Kangri's cultural significance, iodine deficiency and mental health post-pandemic. Ideal for students, researchers and policymakers in health and environmental fields.

ROUTLEDGE INDIA | 2024 | 259 pp
HB | 9781032768618 | INR 1295

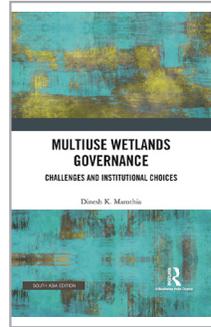


Centrifugal Disasters

Trajectories of Vulnerability, Recovery and Resilience
Jacquleen Joseph
Surinder Jaswal

This book examines centrifugal disasters affecting diverse individuals brought together temporarily by chance, contrasting them with centripetal disasters striking established communities. It highlights the rise of such disasters in India and South Asia, focusing on the 26/11 and 13/7 attacks in Mumbai and a hospital fire in Kolkata. The authors advocate for a comprehensive disaster intervention model integrating academia and practical expertise.

ROUTLEDGE INDIA | 2024 | 226 pp
HB | 9781032764016 | INR 1295

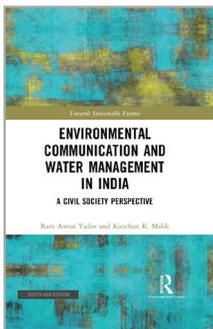


Multiuse Wetlands Governance

Challenges and Institutional Choices
Dinesh K. Marothia

This book examines the governance of multi-use wetlands in India, focusing on rural, peri-urban and urban human-made wetlands. It analyses institutional design and the role of authority in managing wetland ecosystem services. The author argues that effective governance requires creating institutional frameworks that are understood and agreed upon by all stakeholders.

ROUTLEDGE INDIA | 2024 | 344 pp
HB | 9781032764054 | INR 1595

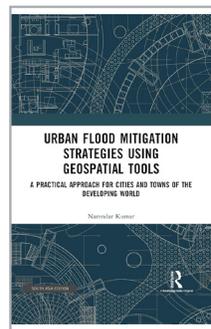


Environmental Communication and Water Management in India

A Civil Society Perspective
Ram Awtar Yadav
Kanchan K. Malik

This book delves into grassroots water management strategies in India, focusing on Parmarth NGO. Through ethnographic research, it analyses communication tactics and approaches used to engage women in water conservation. The study utilises various methods like interviews and observations to explore the role of stakeholders in water initiatives.

ROUTLEDGE INDIA | 2024 | 152 pp
HB | 9781032765976 | INR 1295

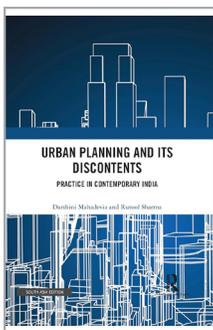


Urban Flood Mitigation Strategies Using Geospatial Tools

A Practical Approach for Cities and Towns of the Developing World
Narendar Kumar

This book delves into the increasing severity of urban floods in Indian cities, exploring their impact globally and locally. It emphasises the use of GIS technology for sustainable mitigation measures. Through interdisciplinary research, it offers insights on challenges, solutions and governance related to urban flooding, catering to a wide audience.

ROUTLEDGE INDIA | 2024 | 276 pp
HB | 9781032768694 | INR 1295

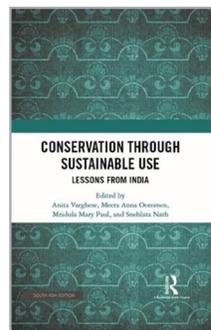


Urban Planning and its Discontents

Practice in Contemporary India
Darshini Mahadevia
Rutool Sharma

This groundbreaking book explores urban planning in India, addressing the need for changes in current practices. It examines the various aspects of urban planning, including public policy, infrastructure and community participation, and evaluates the effectiveness of city-level spatial plans in meeting global development goals. The book also proposes strategies for improvement.

ROUTLEDGE INDIA | 2024 | 274 pp
HB | 9781032768755 | INR 1295

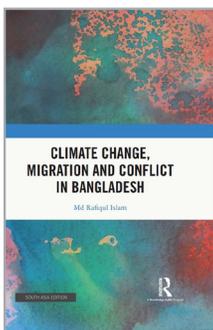


Conservation Through Sustainable Use

Lessons from India
Anita Varghese
Meera Anna Oommen
Mridula Mary Paul

A collection of case studies in India explores sustainable resource use practices, challenging the traditional conservation approach. Through personal accounts, stories and research, the book highlights policies and strategies that promote resource use while preserving biodiversity. It calls for a reevaluation of conservation paradigms towards a future of coexisting biodiversity and human well-being.

ROUTLEDGE INDIA | 2024 | 200 pp
HB | 9781032779447 | INR 1295

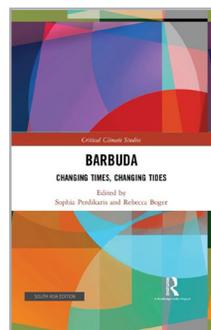


Climate Change, Migration and Conflict in Bangladesh

Md Rafiqul Islam

This book delves into climate change-induced migration and conflict in Bangladesh, focusing on the Chittagong Hill Tracts. It examines the reasons behind migration and how it leads to conflict between host communities and migrants. The text explores the impact of environmental changes like floods and cyclones, shedding light on the history of ethnic conflicts and everyday politics in the region.

ROUTLEDGE INDIA | 2024 | 184 pp
HB | 9781032768250 | INR 1295

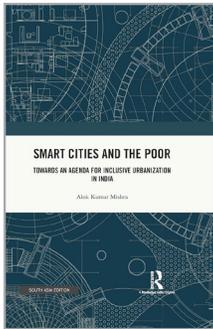


Barbuda

Changing Times, Changing Tides
Sophia Perdikaris
Rebecca Boger

This volume delves into climate change impacts, resilience, sustainability and cultural genocide, focusing on Barbuda. It analyses Caribbean climate changes, natural and human influences on Barbuda's history, and 21st-century projections. Essays by global researchers cover diverse disciplines like archaeology, anthropology and environmental sciences, offering critical insights into reshaping climates.

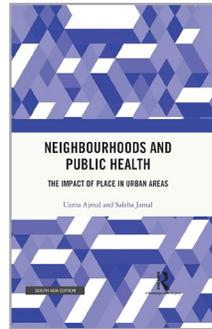
ROUTLEDGE INDIA | 2024 | 179 pp
HB | 9781032779492 | INR 1295



Smart Cities and the Poor
Towards an Agenda for Inclusive Urbanization in India
Alok Kumar Mishra

Developing countries implement 'smart cities' programs with new technology to enhance public services amidst challenges like digital divide, poverty, unemployment, inequality and exclusion. This book analyses urban governance, digital gap, poverty and proposes strategies for inclusive, sustainable urban development in alignment with UN-SDGs and India's urban missions.

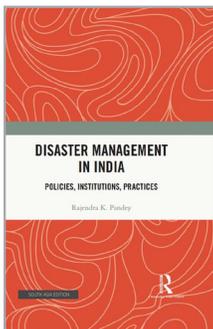
ROUTLEDGE INDIA | 2024 | 292 pp
HB | 9781032780788 | INR 1295



Neighbourhoods and Public Health
The Impact of Place in Urban Areas
Uzma Ajmal
Saleha Jamal

This book explores the impact of neighbourhoods on human health and well-being by analysing neighbourhood boundaries, features and effects in major global cities and Indian cities. It uses diverse data sources and techniques to study neighbourhood concepts and their effects on health, including a detailed case study in an Indian city.

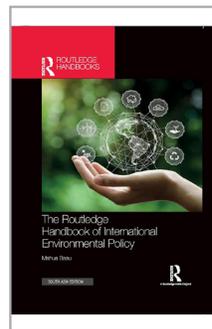
ROUTLEDGE INDIA | 2024 | 276 pp
HB | 9781032780863 | INR 1295



Disaster Management in India
Policies, Institutions, Practices
Rajendra K. Pandey

This book delves into disaster management policies in India, covering theoretical foundations with practical examples. It offers insights on public policy approaches to address challenges in disaster management machinery. The book creatively tackles various aspects like legal frameworks, innovative practices, technology use and multilateral cooperation, emphasising civil society organisations' role.

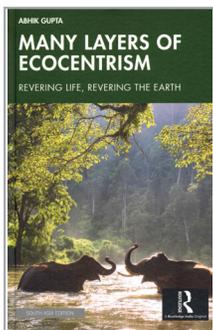
ROUTLEDGE INDIA | 2024 | 336 pp
HB | 9781032781075 | INR 1595



The Routledge Handbook of International Environmental Policy
Mahua Basu

This handbook serves as a comprehensive guide to global climate action initiatives, covering policies, organisations and environmental issues. It discusses global initiatives, international organisations and on-ground implications for the Global South. This volume includes case studies, a toolkit for practitioners, suggested readings and primary documents with illustrations and maps.

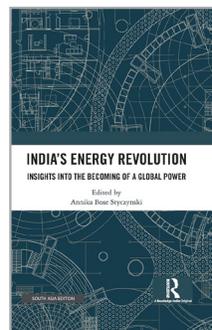
ROUTLEDGE INDIA | 2024 | 828 pp
HB | 9781032880204 | INR 3195



Many Layers of Ecocentrism
Revering Life, Revering the Earth
Abhik Gupta

This book traces the deep roots of ecocentric thought across cultures, philosophies and arts, revealing its enduring presence in human history. Adopting a multidisciplinary approach, it unifies diverse perspectives on nature. Accessible to all readers, it is valuable for scholars, students, activists and anyone interested in environmental thought.

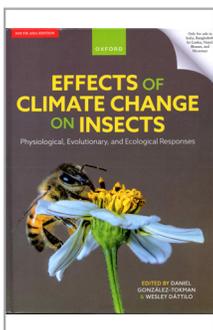
ROUTLEDGE INDIA | 2024 | 247 pp
HB | 9781032933276 | INR 1295



India's Energy Revolution
Insights into the Becoming of a Global Power
Annika Bose Styczynski

India, the third-largest greenhouse gas emitter, is scrutinised for its climate actions. A book analyses India's energy governance, highlighting achievements, challenges and transition towards a net-zero economy by 2070. It examines domestic goals, innovation systems, actor perspectives, market dynamics and institutional influences on energy resources and technologies.

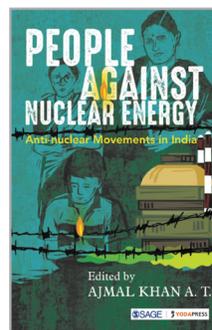
ROUTLEDGE INDIA | 2024 | 252 pp
HB | 9781032905068 | INR 1295



Effects of Climate Change on Insects
Physiological, Evolutionary, and Ecological Responses
Daniel González-Tokman, Researcher, Instituto de Ecología A.C., Mexico | Doctoral (Biological Sciences), National Autonomous University
Wesley Dáttilo, Researcher, Instituto de Ecología A.C. | Doctoral (Biological Sciences), National Autonomous University

This insightful volume explores how climate change impacts insect life, from physiological stress to shifts in ecological roles. It is a vital resource for understanding insect resilience and vulnerability in a warming world, with wide implications for biodiversity and ecosystem services.

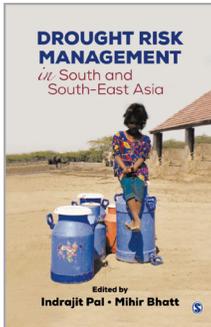
OXFORD UP | 2024 | 402 pp
HB | 9780198929932 | INR 4995



People Against Nuclear Energy
Anti-nuclear Movements in India
Ajmal Khan A. T., Interdisciplinary Researcher, Issues of Environment, Development and Public Policy | Ph.D., Development Studies, Tata Institute of Social Sciences

India, a key nuclear power in South Asia, promotes nuclear energy amid global climate concerns. Despite limited progress, local protests have erupted at project sites. The book delves into India's anti-nuclear movements over five decades across nine states. The book analyses historical and local factors driving these protests.

SAGE YODA PRESS | 2022 | 216 pp
HB | 9789354794254 | INR 1295

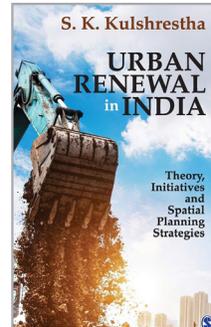


Drought Risk Management in South and South-East Asia

Mihir Bhatt, Director, All India Disaster Mitigation Institute (AIDMI) | U.G. (Architecture), CEPT University, P.G. (Urban Studies), Massachusetts Institute of Technology, Ph.D.
Indrajit Pal, Assistant Professor, Disaster Preparedness, Mitigation and Management, Asian Institute of Technology | Bachelor's (Geological Sciences), Master's (Sociology, Applied Geology), Jadavpur University, Ph.D.

This book explores diverse geo-climatic conditions and vulnerabilities to natural hazards like drought. The book emphasises the need for active government involvement and showcases best practices in socio-economic and technological interventions to mitigate drought risks. Field practitioners provide insights on intervention impacts at various levels.

SAGE INDIA | 2020 | 394 pp
 HB | 9789353883881 | **INR 1545**

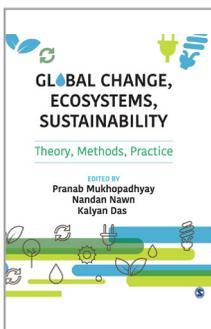


Urban Renewal in India

Theory, Initiatives and Spatial Planning Strategies
S. K. Kulshrestha

Urban Renewal in India explores urban renewal theory and practice, detailing strategies, tools, and techniques for redevelopment. It examines national initiatives like JNNURM, AMRUT, and HRIDAY, with case studies from cities including Delhi, Mumbai, Kolkata, Pune, and Hyderabad.

SAGE INDIA | 2018 | 304 pp
 HB | 9789352806379 | **INR 950**

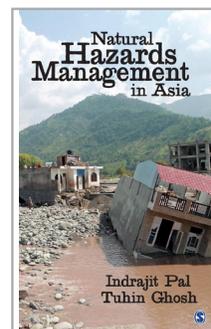


Global Change, Ecosystems, Sustainability

Theory, Methods, Practice
Kalyan Das
Pranab Mukhopadhyay

The book explores the link between economic growth and environmental preservation, highlighting human-induced threats to Earth's ecosystems. It delves into irreversible changes in Earth's systems, focusing on sustaining ecosystems for humans. The text discusses global change drivers, impacts, and mitigation strategies, emphasizing sustainable development with equity considerations.

SAGE INDIA | 2017 | 308 pp
 HB | 9789386446466 | **INR 1325**

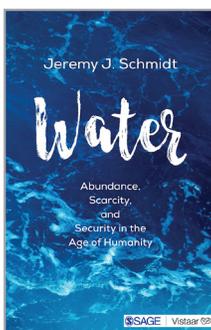


Natural Hazards Management in Asia

Tuhin Ghosh
Indrajit Pal

The book examines the increasing frequency of natural disasters globally, particularly in Asia, and explores how they evolve into disasters. It covers disaster management concepts, best practices, and tools to mitigate consequences. The study delves into the impact on human life, infrastructure, and economy, analyzing mitigation strategies and relevant policies and laws.

SAGE INDIA | 2017 | 400 pp
 HB | 9789386602183 | **INR 1375**

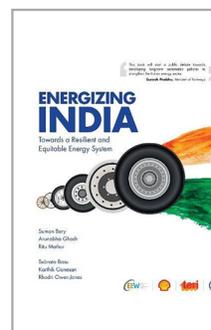


Water

Abundance, Scarcity, and Security in the Age of Humanity
Jeremy J. Schmidt

The book explores how humans disproportionately use water, leading to severe scarcity affecting individuals, states, and the global economy. Jeremy Schmidt challenges the lack of a coherent philosophy connecting people to the planet by tracing the evolution of water as a resource in American institutions. Understanding this history is crucial for addressing global water inequalities.

SAGEVISTAR | 2017 | 324 pp
 HB | 9789352800391 | **INR 1045**



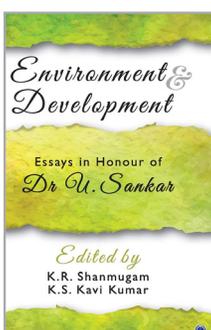
Energizing India

Towards a Resilient and Equitable Energy System

Suman Bery
Arunabha Ghosh
Ritu Mathur
Subrata Basu
Karthik Ganesan
Rhodri Owen-Jones

This volume delves into strategies for meeting India's energy needs, enhancing economic growth, and ensuring equity. It examines fuel and technology substitutions until 2030 and outlines pathways to 2050. A collaborative effort between Shell, CEEW, and TERI, it combines international expertise with domestic sustainable development experience, offering a comprehensive view of India's energy sector.

SAGE INDIA | 2016 | 192 pp
 HB | 9789385985232 | **INR 2045**

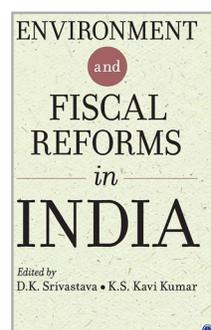


Environment and Development

Essays in Honour of Dr U. Sankar
K. R. Shanmugam
K. S. Kavi Kumar

The book delves into valuing environmental degradation, green economic growth, trade-environment linkage, climate change, health efficiency, and public works programs. It questions the sustainability of India's economic growth and its impact on well-being and natural capital. The text advocates for a paradigm shift towards sustainable development, emphasizing economic, social, and environmental outcomes.

SAGE INDIA | 2015 | 512 pp
 HB | 9789351506492 | **INR 1425**

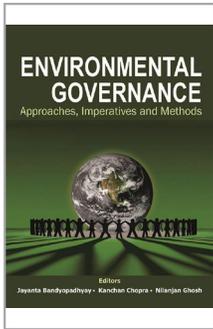


Environment and Fiscal Reforms in India

D. K. Srivastava
K.S. Kavi Kumar

The book discusses India's current tax reform emphasizing the need for an integrated fiscal regime to manage resources efficiently, tax polluting elements, and raise awareness about environmental issues. It criticizes the existing tax structure for its shortcomings and advocates for a comprehensive goods and services tax (GST) with environmental considerations. Targeted at students, scholars, policymakers, and general readers interested in public economics and environmental studies.

SAGE INDIA | 2014 | 360 pp
 HB | 9789351500414 | **INR 1245**



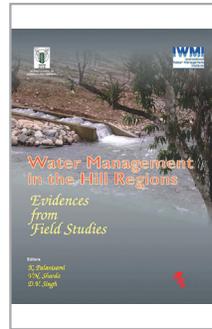
Environmental Governance

Approaches, Imperatives and Methods

Jayanta Bandyopadhyay
Kanchan Chopra
Nilanjan Ghosh

The book "Environmental Governance: Approaches, Imperatives and Methods" explores various aspects of environmental governance. It delves into different approaches and methods used in environmental governance, highlighting its significance and necessity.

BLOOMSBURY INDIA | 2013 | 396 pp
HB | 9788192430256 | INR 1200



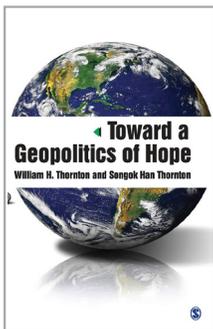
Water Management in The Hill Regions

Evidences From Field Studies

K. Palanisami
V.N. Sharda
D.V. Singh

The book "Water Management in the Hill Regions: Evidences from Field Studies" by K. Palanisami, published by Bloomsbury, explores water management practices in hilly areas. It provides insights from field studies, focusing on sustainable water resource management. The book addresses challenges and solutions related to water management in hill regions.

BLOOMSBURY INDIA | 2013 | 304 pp
HB | 9789382563495 | INR 1495

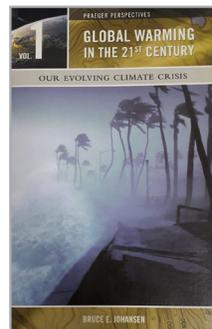


Toward a Geopolitics of Hope

Songok Han Thornton
William H. Thornton

"Toward a Geopolitics of Hope" proposes a theory of a 'second world' involving China and Russia as a counterweight to the US-dominated 'first world'. The authors argue that capitalism shapes the rivalry between these worlds, impacting democracy. They predict this rivalry will affect the third world, offering two developmental paths: neo-liberalism or neo-authoritarianism.

SAGE INDIA | 2012 | 276 pp
HB | 9788132109440 | INR 1195



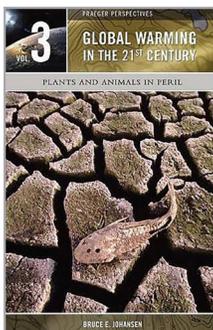
Global Warming in the 21st Century

Our Evolving Climate Crisis, Volume 1

Bruce E. Johansen

This volume examines evidence of global warming, rising temperatures, melting ice, greenhouse gas effects, feedback loops, ozone depletion, and misconceptions, while emphasizing strategies and urgent action to mitigate the evolving climate crisis and its global impacts.

GREENWOOD | 2006 | 304 pp
HB | 9780275985868 | INR 875



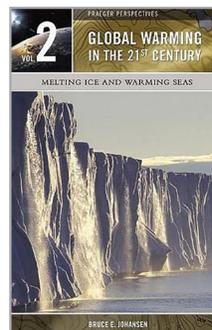
Global Warming in the 21st Century

Plants and Animals in Peril, Volume 3

Bruce E. Johansen

This volume analyzes climate change effects on plants, animals, and biodiversity, highlighting habitat loss, species migration, coral bleaching, disrupted ecosystems, and emphasizes conservation measures alongside mitigation strategies to protect flora, fauna, and ecological balance.

GREENWOOD | 2006 | 376 pp
HB | 9780275990930 | INR 900



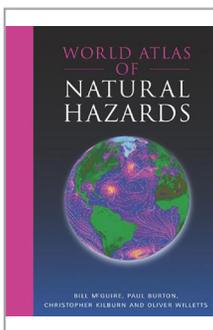
Global Warming in the 21st Century

Melting Ice and Warming Seas, Volume 2

Bruce E. Johansen

This volume focuses on polar and glacial ice melt, sea-level rise, ocean warming, and regional impacts. It explores altered ocean circulation, ecosystem disruption, and strategies for adaptation and mitigation in response to climate-induced environmental changes.

GREENWOOD | 2006 | 270 pp
HB | 9780275985875 | INR 875

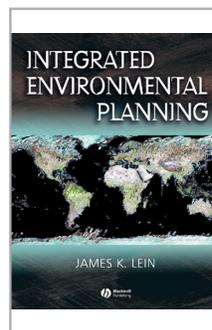


World Atlas Of Natural Hazards

Bill McGuire
Paul Burton
Christopher Kilburn
Oliver Willetts

The World Atlas of Natural Hazards explores the impact of geophysical hazards on society, highlighting the increasing frequency and severity of natural catastrophes. Through maps and narratives, the book addresses mitigation strategies and future risks, emphasizing the need for proactive measures to manage the escalating threats posed by climate change and human activities.

HODDER ARN | 2004 | 128 pp
HB | 9780340764053 | INR 3500

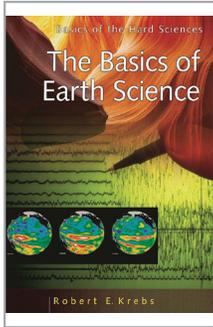


Integrated Environmental Planning

James K. Lein

An up-to-date reference on environmental planning covers theory, practice, and case studies. It emphasizes methodological analysis, real-world examples, and considerations of politics, ethics, and society. The book strikes a balance between theoretical and practical aspects, providing a comprehensive overview of environmental planning fundamentals.

BLACKWELL | 2003 | 240 pp
HB | 9780632043460 | INR 895

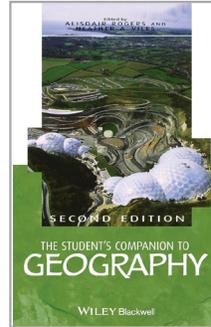


The Basics of Earth Science

Robert E. Krebs

The book introduces Earth science topics like earthquakes, fossils, Earth's spheres, the Big Bang Theory, El Nino, and the atmosphere in a beginner-friendly manner. It includes examples, tables, and figures to explain concepts. Advanced topics like geochronology, seismology, and geomagnetism are covered, along with a chapter on Earth science history. Additional student resources include hands-on projects, a glossary, bibliography, and indexes.

GREENWOOD | 2003 | 368 pp
 HB | 9780313319303 | INR 1195

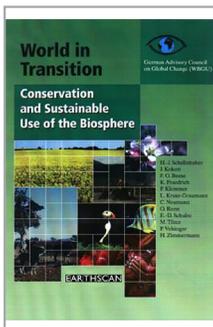


The Student's Companion to Geography

Alisdair Rogers
 Heather A. Viles

The updated second edition of this comprehensive geography study guide features contributions from key geographers worldwide. It offers guidance from pre-degree considerations to career paths, practical tips for enhancing study and research skills, and remains a valuable resource for geography students seeking academic success and professional development.

BLACKWELL | 2003 | 416 pp
 HB | 9780631221326 | INR 895

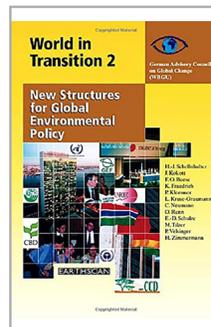


World In Transition Vol. 1

Conservation and Sustainable Use of the Biosphere
 German Advisory Council on Global Change

Human-induced biodiversity loss, termed the 'Sixth Extinction,' threatens global wellbeing. The German Advisory Council on Global Change emphasizes urgent action, including protecting land, establishing a Biodiversity Panel, conserving plant diversity, and enhancing cooperation. This authoritative analysis stresses the dwindling time for effective intervention, making it a crucial read for policymakers and scientists.

EARTHSCAN | 2001 | 352 pp
 HB | 9781853838026 | INR 1500

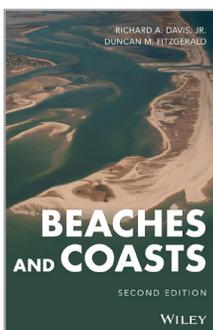


World In Transition Vol. 2

New Structures for Global Environmental Policy
 German Advisory Council on Global Change

The book emphasizes the importance of international institutions in managing the global environment. It criticizes current arrangements for inadequately addressing challenges and advocates for urgent alternatives. The German Advisory Council on Global Change proposes comprehensive policies for a successful future regime, highlighting the need for a strengthened UN Environment Programme and an alliance focused on assessment, organization, and funding.

EARTHSCAN | 2001 | 240 pp
 HB | 9781853838521 | INR 1500

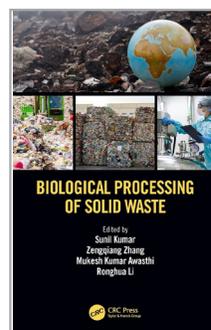


Beaches and Coasts (2nd Edition)

Richard A. Davis, Jr.
 Duncan M. Fitzgerald

The second edition of "Beaches and Coasts" is a comprehensive textbook focusing on the world's diverse coastlines, emphasizing climate change impacts. It covers coastal processes, landforms, and management, with updated content on events like Hurricane Katrina and Hurricane Sandy. The book, richly illustrated and authored by experts, targets undergraduate and graduate students studying coastal geology.

WILEY | 2019 | 528 pp
 HB | 9781119334484 | USD 97.95

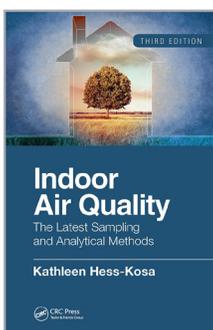


Biological Processing of Solid Waste

Sunil Kumar
 Zengqiang Zhang
 Mukesh Kumar Awasthi
 Ronghua Li

This comprehensive book covers the fundamentals, technologies, and management of biological processing of solid waste. It discusses kinetic modeling, environmental impacts like greenhouse gas emissions, energy recovery, biodrying, cases, challenges, successful business models, and economic analyses. Targeted at researchers and industry professionals, it provides valuable insights into solid and hazardous waste management.

CRC PRESS | 2019 | 368 pp
 HB | 9781138106420 | GBP 175



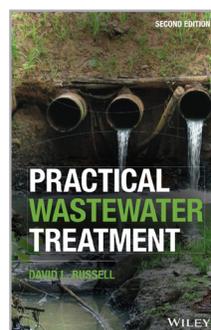
Indoor Air Quality

The Latest Sampling and Analytical Methods (3rd Edition)

Kathleen Hess-Kosa

"Indoor Air Quality: The Latest Sampling and Analytical Methods, Third Edition" is a practical guide covering indoor air contaminants in buildings. It discusses assessment concepts, common substances, health effects, sampling protocols, and trends. The updated edition includes strategies, guidelines, standards, and a new chapter on ozone data and sampling approaches.

CRC PRESS | 2019 | 420 pp
 HB | 9781138306615 | GBP 165

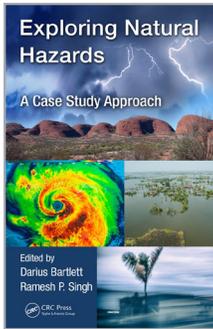


Practical Wastewater Treatment (Second Edition)

David L. Russell

The second edition of "Practical Wastewater Treatment" is a comprehensive guide on industrial wastewater treatment, covering theory, practices, and design of treatment facilities. It addresses various industrial waste management approaches and includes new chapters on topics like Reverse Osmosis and desalination. The book is suitable for professionals and students in civil or chemical engineering.

WILEY | 2019 | 448 pp
 HB | 9781119100850 | USD 133.95



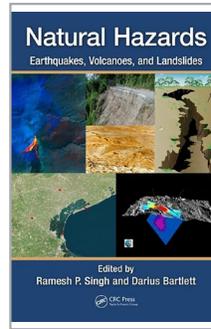
Exploring Natural Hazards

A Case Study Approach

Darius Bartlett
Ramesh P. Singh

The book "Exploring Natural Hazards: A Case Study Approach" contributes to disaster risk reduction by showcasing advanced practices for monitoring natural hazards. It focuses on hazards from the hydrosphere and atmosphere, discussing causes and solutions through improved policy-making and modern technologies. The book addresses challenges, lessons, and recommendations related to various hazards, serving as a valuable resource for practitioners, professionals, researchers, and students in the field.

CHAPMAN HALL | 2018 | 376 pp
HB | 9781138054424 | **GBP 185**



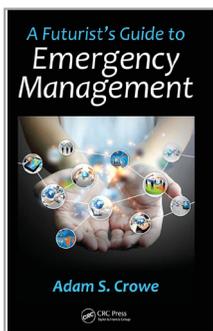
Natural Hazards

Earthquakes, Volcanoes, and Landslides

Darius Bartlett
Ramesh P. Singh

The book "Natural Hazards: Earthquakes, Volcanoes, and Landslides" explores the impacts of climate change on natural hazards like earthquakes and landslides. It discusses the use of satellite data for monitoring and analyzing these hazards, emphasizing the importance of understanding underlying processes to predict and manage such events.

CRC PRESS | 2018 | 526 pp
HB | 9781138054431 | **GBP 190**

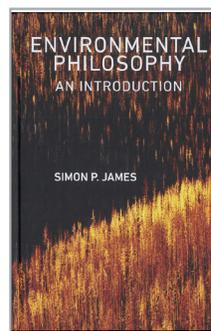


A Futurist's Guide to Emergency Management

Adam S. Crowe

"A Futurist's Guide to Emergency Management" offers interdisciplinary analysis on future scenarios, global trends, and risk management elements. It utilizes historical data, current practices, and scientific insights to aid emergency management officials in planning for future conditions. The book covers citizen behaviors, gender roles, risk perceptions, and emerging issues like climate change and cyber threats.

CRC PRESS | 2015 | 346 pp
HB | 9781482253917 | **GBP 145**



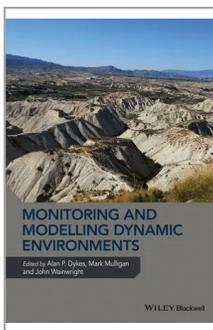
Environmental Philosophy

An Introduction

Simon James

Environmental philosopher Simon P. James delves into questions about humanity's relationship with the natural world, exploring topics like animal minds, moral obligations towards ecosystems, and environmental aesthetics. Drawing from various sources, the book emphasizes the importance of urgent action in the face of climate change and serves as a valuable resource for students and those interested in environmental issues.

POLITY PR | 2015 | 240 pp
HB | 9780745645469 | **USD 72.75**

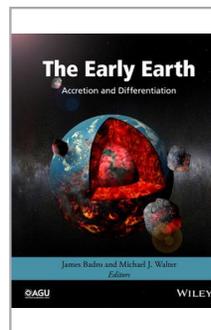


Monitoring And Modelling Dynamic Environments

Alan P. Dykes
John Wainwright

John Thornes, a prominent physical geographer, emphasized understanding landform processes through various methods and interdisciplinary approaches. This book showcases research influenced by his work, focusing on integrating methodologies for better natural system comprehension and environmental management strategies. It covers a wide range of topics, reflecting Thornes' diverse interests and contributions to geomorphological research.

BLACKWELL | 2015 | 352 pp
HB | 9780470711217 | **USD 132.95**



The Early Earth

Accretion and Differentiation

James Badro
Michael J. Walter

"The Early Earth: Accretion and Differentiation" offers a comprehensive overview of Earth's formation and evolution processes. It covers topics like planetesimal accretion, impacts, and differentiation leading to Earth's current state. The book integrates findings from various disciplines like cosmochemistry and geodynamics. It targets graduate students, academics, and researchers in geophysics and planetary sciences.

AMERICANGU | 2015 | 336 pp
HB | 9781118860571 | **USD 163.95**



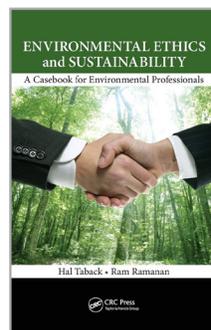
Disaster Management

International Lessons in Risk Reduction, Response and Recovery

Alejandro Lopez-Carresi
Others

The book bridges the gap between theory and practice in disaster management, offering valuable lessons to both practitioners and academics. It covers all phases of the disaster cycle and addresses cross-cutting issues such as vulnerability mapping and gender concerns. Written by international experts, it provides practical insights for professionals, scholars, and students.

ROUTLEDGE | 2014 | 352 pp
HB | 9781849713474 | **GBP 145**



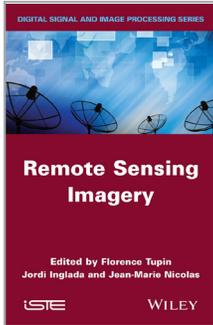
Environmental Ethics And Sustainability

A Casebook for Environmental Professionals

Hal Taback
Ram Ramanan

"Environmental Ethics and Sustainability: A Casebook for Environmental Professionals" presents a decision-making model emphasizing ethics. It covers human instincts, attitudes, and environmental decision-making concepts. The book guides in developing an ethics culture and education programs. It addresses ethical dilemmas through case studies, offering options and practical training for environmental professionals and students.

CRC PRESS | 2014 | 270 pp
HB | 9781466584204 | **GBP 130**

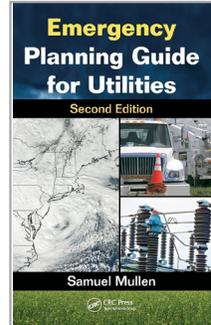


Remote Sensing Imagery

Florence Tupin
Jordi Inglada
Jean-Marie Nicolas

This book on remote sensing imagery covers the global lifecycle of images, including sensors, acquisition systems, image processing algorithms, and various applications like movement monitoring and data assimilation. Divided into three parts, it offers technological information, physics elements, and specificities of radar or optical images, making it suitable for graduate students and engineers.

WILEY-ISTE | 2014 | 368 pp
HB | 9781848215085 | USD 184.95

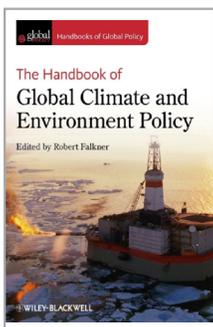


Emergency Planning Guide For Utilities

Samuel Mullen

The "Emergency Planning Guide for Utilities, Second Edition" addresses the challenges utility managers face in planning for natural disasters and utility-related incidents. It offers new approaches for developing emergency plans, training, and managing programs to enhance organizational resilience and meet consumer expectations. The guide focuses on improving customer experience and reducing the impact on infrastructure and resources.

CRC PRESS | 2013 | 234 pp
HB | 9781466504851 | GBP 145

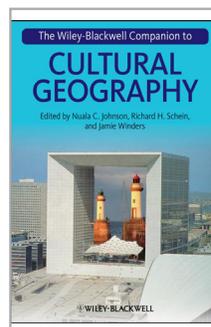


The Handbook of Global Climate and Environment Policy

Robert Falkner

"The Handbook of Global Climate and Environment Policy" offers a comprehensive overview of global policy on climate and the environment by an interdisciplinary team of experts. It explores environmental challenges, global actors, and the connections between global climate policy and the economy. The book serves as a resource for students, researchers, and policy practitioners.

WILEY-BLAC | 2013 | 552 pp
HB | 9780470673249 | USD 225.95

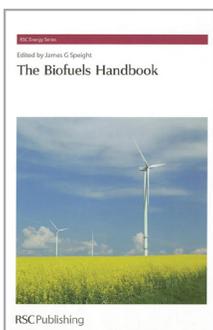


The Wiley-Blackwell Companion To Cultural Geography

Nuala C. Johnson
Richard H. Schein
Jamie Winders

The book, a 2014 Choice Outstanding Academic Title, offers an updated analysis of cultural geography. It covers key themes, historical evolution, and new topics like biotechnology and media. Edited by experts, it includes contributions from various disciplines and international perspectives. The thematic structure explores identities, nature, culture, flows, and mobility.

WILEY-BLAC | 2013 | 568 pp
HB | 9780470655597 | USD 213.25

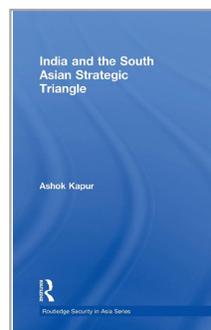


The Biofuels Handbook

James G. Speight

Handbook detailing production options for synthetic fuels from biological sources, serving as a key reference for researchers in academia and industry.

RSC | 2011 | 574 pp
HB | 9781849730266 | GBP 280

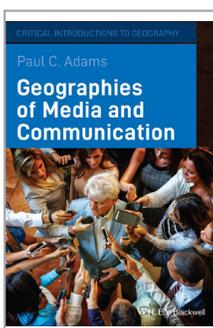


The India and the South Asian Strategic Triangle

Ashok Kapur

The book explores the strategic dynamics among India, Pakistan, and China, focusing on their enmities and friendship that shaped power distribution and relationships in South Asia. It delves into internal debates, conflict zones, nuclear advancements, and China's policies in Tibet and Pakistan. The evolving relationship dynamics, influenced by factors like India's ties with the US, are also discussed.

ROUTLEDGE | 2011 | 256 pp
HB | 9780415454667 | GBP 150

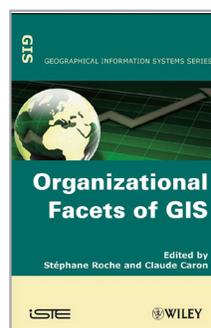


Geographies Of Media And Communication

Paul C. Adams

"Geographies of Media and Communication" delves into the transformative impact of communication technologies on human interactions and spatial relationships. The book explores the intersection of geography and communication theories, analyzing media representations of places, diffusion of technologies, and their influence on societal belonging. Paul C. Adams connects geographical concepts with communication theories to offer a comprehensive perspective.

WILEY-BLAC | 2009 | 288 pp
HB | 9781405154147 | USD 58.95

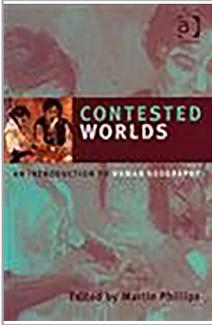


Organisational Facets of GIS

Roche Stéphane
Caron Claude

The book explores Global Information Systems, focusing on organizational and social aspects. It offers a historical view of geographic information society and its link to information technology. Readers delve into diverse organizational and social contexts of GIS implementation, emphasizing consultation and participation across various geographic and cultural settings in Europe, the United States, and Canada.

WILEY-ISTE | 2009 | 368 pp
HB | 9781848210851 | USD 149.95



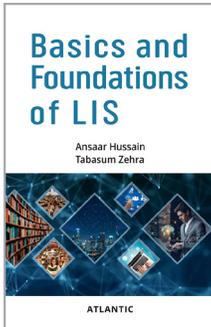
Contested Worlds

An Introduction to Human Geography

Martin Phillips

"Contested Worlds introduces various geographical worlds under construction and debate, exploring different perspectives contested by geographers. It emphasizes the role of contestation in shaping geographical studies and addresses global to local scales through theoretical discussions and international case studies. The book advocates for embracing geography as a contested enterprise for critical engagement in contemporary human geographies."

ASHGATE | 2005 | 486 pp
HB | 9780754641124 | **GBP 70**

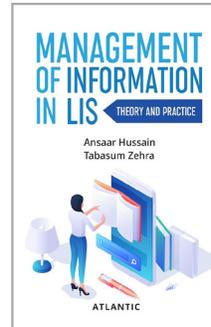


Basics and Foundations of LIS

Ansaar Hussain, Chief Librarian, J&K Higher Education Department | Master's (LIS), University of Kashmir, Gold Medalist
Tabasum Zehra, Information Science Professional | Master's (LIS & English Literature), Central University of Kashmir

This book is a comprehensive textbook covering core principles of LIS. It includes historical evolution, fundamental laws, library types, information society, legislation, services, sources and user studies. It meets UGC CBSE guidelines for undergraduates and is beneficial for BLIS/MLIS aspirants and professionals.

ATLANTIC | 2024 | 326 pp
 HB | 9788126938483 | **INR 995**



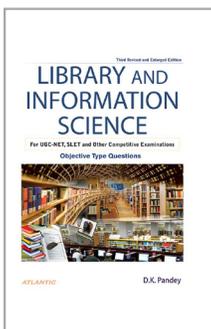
Management of Information in LIS

Theory and Practice

Ansaar Hussain, Chief Librarian, J&K Higher Education Department | Master's (LIS), University of Kashmir, Gold Medalist
Tabasum Zehra, Information Science Professional | Master's (LIS & English Literature), Central University of Kashmir

This is a comprehensive textbook covering core principles of information management in Library and Information Science. It includes topics like classification, cataloguing, and indexing, with detailed explanations of DDC, AACR-2R, and MARC 21. The book meets UGC CBSE guidelines and offers revision exercises and sample question papers.

ATLANTIC | 2024 | 434 pp
 HB | 9788126938513 | **INR 1395**



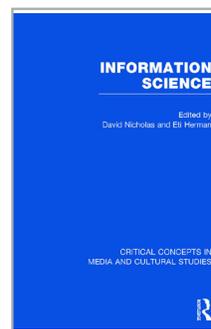
Library and Information Science

For UGC-NET, SLET and Other Competitive Examinations (Objective Type Questions)

D.K. Pandey, Library Professional in Arunachal University | M.Lib.Sc., Indira Gandhi National Open University

A comprehensive book on Library Science for UGC-NET/JRF and SLET exams, featuring 5000+ solved questions from past papers. Ideal for aspirants aiming to excel in Library and Information Science exams, as well as competitive tests for Librarian positions in government institutions like Kendriya Vidyalaya and Navodaya Vidyalaya.

ATLANTIC | 2021 | 412 pp
 HB | 9788126932368 | **INR 1495**



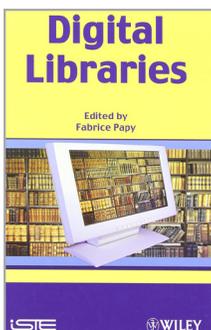
Information Science 4 Vols. Set

Critical Concepts in Media and Cultural Studies

David Nicholas
Eti Herman

Information Science explores the theoretical and practical aspects of information provision and consumption in today's knowledge societies. This four-volume collection from Routledge's Critical Concepts series covers the discipline's history, management, user aspects, and economic implications. Edited by leading scholars, it serves as a comprehensive reference for scholars, policymakers, and information professionals.

ROUTLEDGE | 2014 | 2168 pp
 HB | 9780415682992 | **GBP 1250**

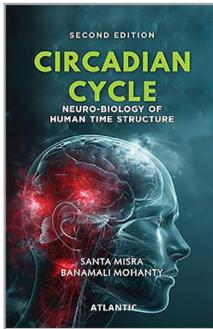


Digital Libraries

Fabrice Papy

Digital Libraries examines the digitisation of libraries, covering librarian roles, user experience, cataloguing, search engines, information access, legal issues, visualization, and the future of libraries in the digital age, with interdisciplinary insights for information specialists and technologists.

WILEY-ISTE | 2008 | 544 pp
 HB | 9781848210424 | **USD 197.95**



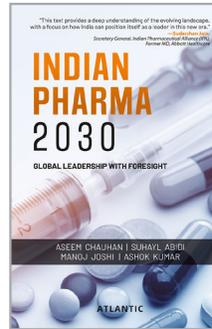
Circadian Cycle

Neuro-Biology of Human Time Structure

Santa Misra, Former Professor of Psychology, Sri Sri University | M.Phil., Ph.D., D.Litt
Banamali Mohanty, Former Professor of Psychology, Utkal University | B.A., M.A.(Psychology), Utkal University

“Circadian Cycle: Neuro-Biology of Human Time Structure” delves into biological rhythms impacting body and mind, connecting neurobiology to daily life. The book explores circadian rhythms’ influence on mental health, stress, and human development, offering insights for students and curious minds in various sciences. It emphasizes practical applications for well-being and time management.

ATLANTIC | 2026 | 364 pp
HB | 9789372264517 | INR 995



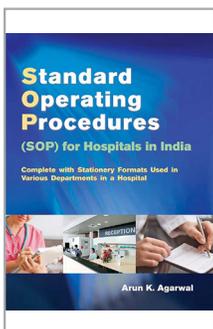
Indian Pharma 2030

Global Leadership With Foresight

Aseem Chauhan, Chancellor, Amity University
Suhayl Abidi, Consultant, Centre for VUCA Studies, Amity University
Manoj Joshi, Seasoned Professor, Specialising in Strategy, Innovation and Entrepreneurship | PhD, Strategy
Ashok Kumar

“Indian Pharma 2030: Global Leadership with Foresight” delves into India’s pharmaceutical industry, analyzing its past, present, and future. It discusses regulatory aspects, global alignment efforts, and upcoming trends like biosimilars and APIs. The book suggests strategies for achieving pharmaceutical dominance by 2030, focusing on generic drugs, biosimilar market growth, and CDMO prospects, emphasizing international regulatory integration and innovation in R&D.

ATLANTIC | 2025 | 254 pp
HB | 9788126941438 | INR 895



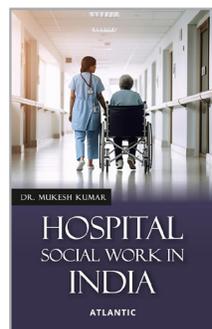
Standard Operating Procedures (SOP) for Hospitals in India

Complete with Stationery Formats Used in Various Departments in a Hospital

Arun K. Agarwal, Hospital Administrator and Consultant | M.B.B.S., G.S.V.M. Medical College

This book provides guidance on creating SOPs for middle and small-sized hospitals. It covers duties, responsibilities, procedures and sample formats for departments, catering to new and established hospitals, as well as students in healthcare management programs.

ATLANTIC | 2024 | 524 pp
HB | 9788126907762 | INR 1750

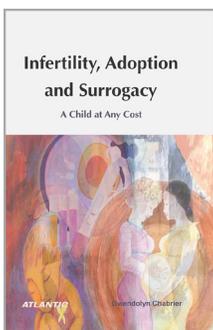


Hospital Social Work in India

Dr. Mukesh Kumar, Senior Medical Social Welfare Officer, AIIMS, Member, (NAPSWI), (AIAMSWP), (IATC) | M.A. (Social Work), Kurukshetra University, Ph.D., IGNOU, New Delhi

The book delves into hospital social work in India, analysing its role and offering recommendations for practice improvement. It explores stakeholder responsibilities and provides a comprehensive review of the field. Targeting a wide audience including medical social workers, educators, institutions, associations and policymakers, it serves as a valuable resource.

ATLANTIC | 2024 | 122 pp
HB | 9788126939428 | INR 795



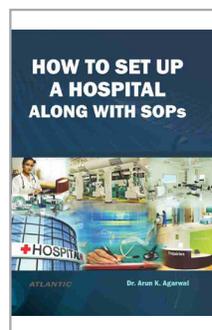
Infertility, Adoption and Surrogacy

A Child at Any Cost

Gwendolyn Chabrier, Former Lecturer, New York University, The University of Rouen and the Sorbonne | B.A., M.A., New York University

Childbirth symbolises union and societal institution, while infertility burdens couples and women, leading to stigma and blame. The desire for a baby drives illegal means and ethical dilemmas for hopeful couples, doctors and surrogates. Legal and cultural scrutiny complicates new-age reproduction methods, which is explored in a book on surrogacy, adoption and infertility.

ATLANTIC | 2023 | 246 pp
HB | 9788126935512 | INR 895

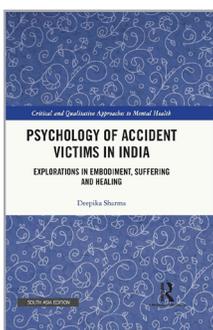


How to Set Up a Hospital Along with SOPs

Dr. Arun K. Agarwal, Hospital Administrator and Consultant | M.B.B.S., G.S.V.M. Medical College

The book is based on the author’s experience as a Hospital Consultant and a Medical Administrator, and offers SOPs and guidance for successful hospital establishment and operation. It emphasises the importance of accreditation for profitability and insurance partnerships. It is a beneficial read for individuals in the hospital industry.

ATLANTIC | 2022 | 660 pp
HB | 9788126920952 | INR 1995

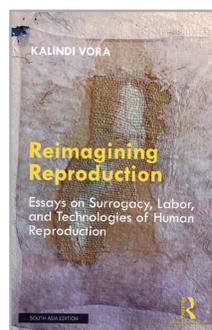


Psychology of Accident Victims in India

Explorations in Embodiment, Suffering and Healing
Deepika Sharma

This book explores the psychological journey of accident survivors with locomotor disability, emphasising their transition from suffering to healing. It offers a comprehensive view of disability, examining how societal and cultural factors influence the perception of the body. Through personal stories, it sheds light on the challenges and resilience of people with disabilities, advocating for improved support and understanding.

ROUTLEDGE INDIA | 2024 | 196 pp
HB | 9781032668147 | INR 1295

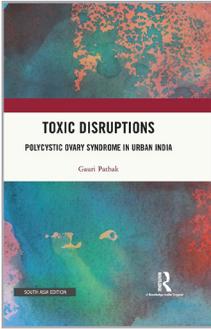


Reimagining Reproduction

Essays on Surrogacy, Labor, and Technologies of Human Reproduction
Kalindi Vora

Kalindi Vora’s book delves into India’s gestational surrogacy practices, exploring ethical, legal, and labor dimensions within global contexts. It’s essential reading for those studying gender, South Asian studies, and reproductive health.

ROUTLEDGE INDIA | 2024 | 146 pp
HB | 9781032723808 | INR 1295

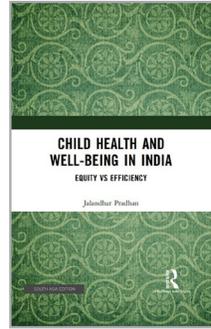


Toxic Disruptions

Polycystic Ovary Syndrome in Urban India
Gauri Pathak, Aarhus University Denmark

This ethnographic book explores how urban middle-class women in India are vulnerable to polycystic ovary syndrome (PCOS) due to contaminated environments and political-economic changes. It delves into the link between toxic landscapes, endocrine-disrupting chemicals and PCOS, as well as the biosocial impacts of the condition on women and urban India's evolving landscape.

ROUTLEDGE INDIA | 2024 | 166 pp
HB | 9781032669274 | INR 1295

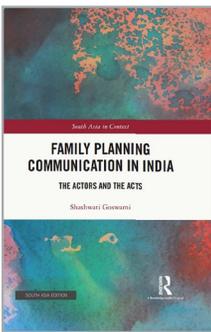


Child Health and Well-Being in India

Equity Vs Efficiency
Jalandhar Pradhan

This book delves into child health and well-being in India, examining inequalities and utilising NFHS-V data. It evaluates child health indicators through an equity and efficiency lens, discussing measurement methodologies and "Multidimensional Child Poverty." The work quantifies health disparities among Indian states, offering insights for policymakers, scholars and NGOs.

ROUTLEDGE INDIA | 2024 | 148 pp
HB | 9781032768267 | INR 1295

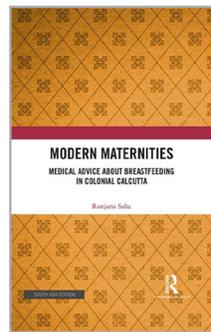


Family Planning Communication in India

The Actors and the Acts
Shashwati Goswami

The book explores India's family planning communication history, linking it to the population discourse initiated by British colonial rule. It delves into the impact of censuses, Five-Year plans and the Ford Foundation on shaping communication strategies. Ultimately, it argues that such efforts homogenised Indian identity, erasing cultural and economic diversity.

ROUTLEDGE INDIA | 2024 | 250 pp
HB | 9781032768311 | INR 1295

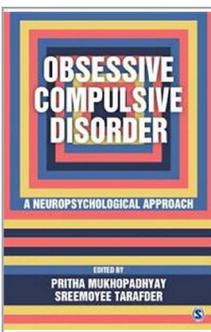


Modern Maternities

Medical Advice about Breastfeeding in Colonial Calcutta
Ranjana Saha

This book delves into diverse perspectives on breastfeeding by European women, indigenous midwives, and Bengali-Hindu women. Through archival research, the book explores themes like modernity, race, gender and colonialism, shedding light on breastfeeding practices, motherhood and societal norms in colonial India.

ROUTLEDGE INDIA | 2023 | 290 pp
HB | 9781032768243 | INR 1295

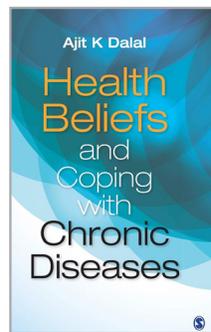


Obsessive Compulsive Disorder

A Neuropsychological Approach
Sreemoyee Tarafder
Pritha Mukhopadhyay

This comprehensive edited book on Obsessive Compulsive Disorder (OCD) explores the disorder through a neuropsychological lens, evaluating research perspectives to enhance treatment options and therapy strategies. It covers neuropsychological assessment tools, symptom severity, beliefs, cognition, and familial factors. The book also discusses obsessive-compulsive personality traits for a holistic understanding of OCD.

SAGE INDIA | 2018 | 276 pp
HB | 9789352807314 | INR 850

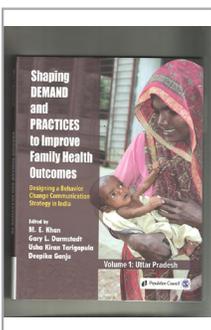


Health Beliefs and Coping with Chronic Diseases

Ajit K. Dalal

"Health Beliefs and Coping with Chronic Diseases" emphasizes the impact of a patient's faith, cultural beliefs, and attitude on recovery from chronic illnesses. Drawing from empirical studies, it underscores the influence of social, psychological, and spiritual factors on maintaining good health. The book explores how traditional societies like India blend medical and spiritual remedies.

SAGE INDIA | 2015 | 264 pp
HB | 9789351500780 | INR 1045

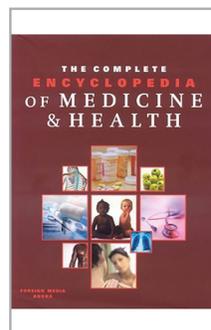


Shaping Demand and Practices to Improve Family Health Outcomes

Designing a Behavior Change Communication Strategy in India, Volume I: Uttar Pradesh, Volume II: Bihar
M.E. Khan
Gary Darmstadt
Usha Kiran Tarigopula
Deepika Ganju
France Donnay

The book explores maternal and child health issues in India, emphasizing the role of communication strategies in promoting preventive health practices. It focuses on eight key family health behaviors linked to Millennium Development Goals 4 & 5. The study, funded by the Bill & Melinda Gates Foundation, offers insights for policymakers, implementers, researchers, and field personnel.

SAGE INDIA | 2012 | 708 pp
HB | 9788132108979 | INR 3045

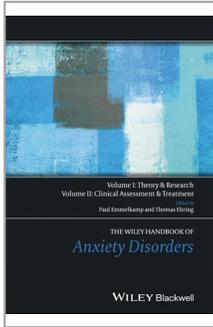


The Complete Encyclopedia of Medicine and Health

Johannes Schade

A comprehensive medical and health reference with up-to-date information on various aspects of medicine. Thoroughly illustrated and user-friendly, it covers a wide scope of topics.

FOREIGNMED | 2006 | 960 pp
HB | 9781601360014 | INR 1495

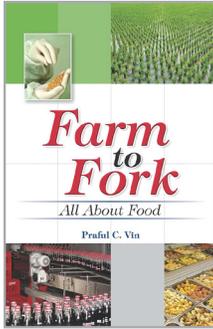


The Wiley Handbook of Anxiety Disorders 2 Vols. Set

Paul Emmelkamp
Thomas Ehring

The Handbook on anxiety and related disorders is internationally focused, covering new DSM-5 criteria. It includes diverse authors and treatments like virtual reality exposure therapy and cognitive enhancers. Edited by field leaders, it discusses treatment failures, transdiagnostic approaches, and issues for children and older individuals. Published in two volumes.

BLACKWELL | 2014 | 1448 pp
HB | 9781118775356 | USD 454.95

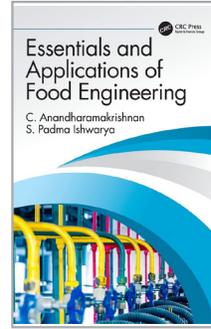


Farm to Fork

All About Food
Praful C. Vin

The book "Farm To Fork All About Food" by Praful C. Vin, published by Bloomsbury, explores various aspects of food. It delves into topics related to food production, distribution, and consumption. The book provides insights into the journey of food from farms to tables, offering a comprehensive view of the food industry.

BLOOMSBURY INDIA | 2012 | 184 pp
HB | 9788192430270 | INR 660

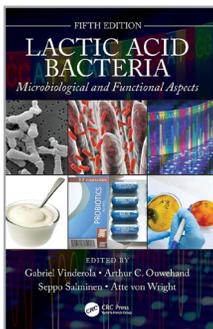


Essentials and Applications of Food Engineering

C. Anandharamakrishnan
S. Padma Ishwarya

Essentials & Applications of Food Engineering offers a comprehensive overview of food engineering operations, including units, dimensions, material and energy balance, fluid flow, heat and mass transfer, and novel food processing techniques. The textbook features case studies, numerical problems, and multiple choice questions, catering to students, instructors, and food industry professionals.

CRC PRESS | 2019 | 802 pp
HB | 9781138366558 | GBP 145



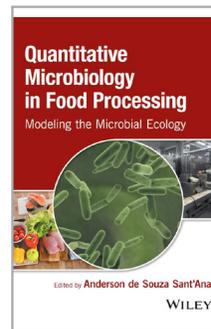
Lactic Acid Bacteria

Microbiological and Functional Aspects (5th Edition)

Gabriel Vinderola
Arthur Ouwehand
Seppo Salminen
Atte von Wright

The Fifth Edition of "Lactic Acid Bacteria: Microbiological and Functional Aspects" explores how lactic acid-producing fermentation enhances food quality and nutrition. Updated with 12 new chapters, it covers global regulations, health effects, and technological applications of LAB in food production. The book also delves into novel bacteria, probiotics, and emerging health targets.

CRC PRESS | 2019 | 764 pp
HB | 9780815366485 | GBP 260



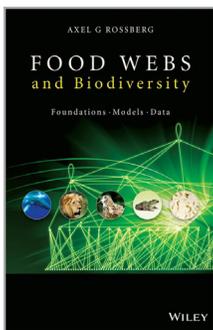
Quantitative Microbiology in Food Processing

Modeling the Microbial Ecology

Anderson de Souza Sant'Ana

"Quantitative Microbiology of Food Processing" delves into the impact of food processing techniques on microorganisms, emphasizing food safety and stability. The book integrates various concepts, providing background information on unit operations, discussing quantitative aspects, and offering examples. It is a valuable resource for students, scientists, and professionals in food engineering and microbiology.

WILEY | 2017 | 696 pp
HB | 9781118756423 | USD 251.95



Food Webs And Biodiversity

Foundations, Models, Data

Axel Rossberg

"Food Webs and Biodiversity" offers a fresh perspective on food webs, linking macroecological patterns to fundamental concepts. It predicts ecological community characteristics, generalizes competition theory, and proposes a quantitative theory for species richness. The book, relevant due to global warming, targets a broad audience including ecologists, mathematicians, and physicists interested in networks.

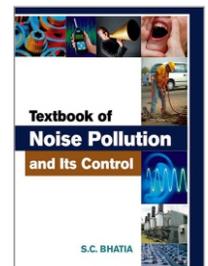
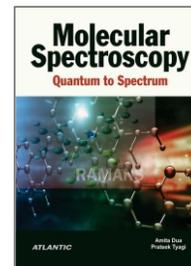
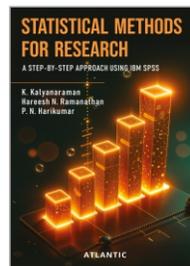
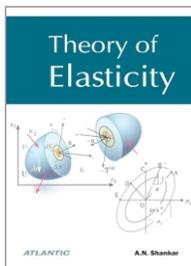
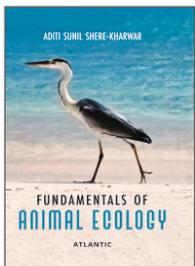
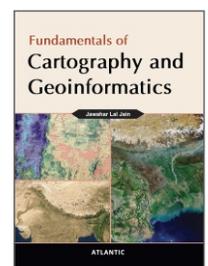
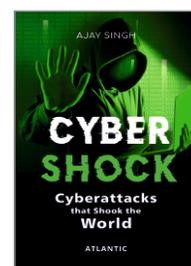
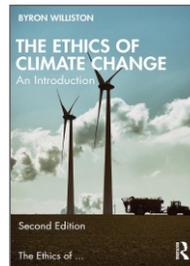
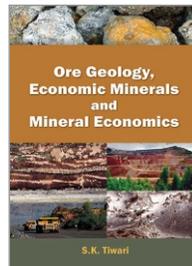
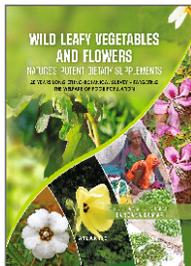
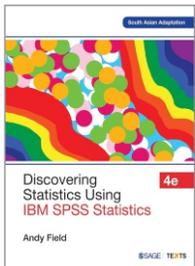
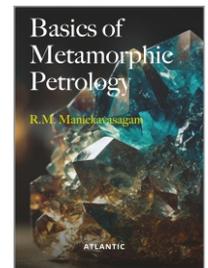
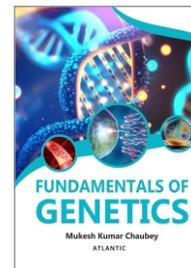
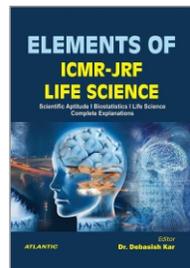
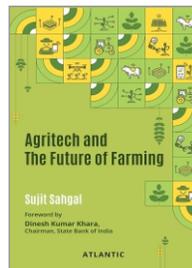
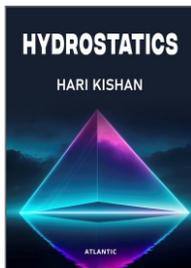
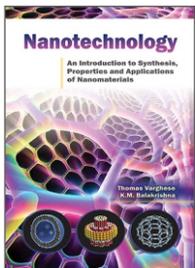
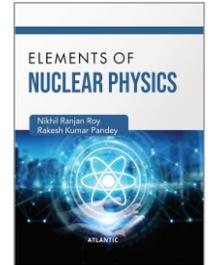
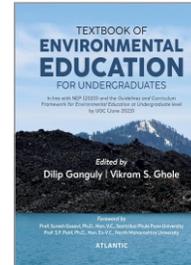
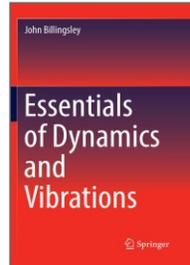
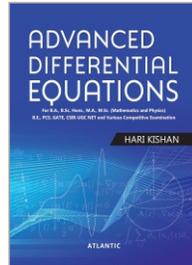
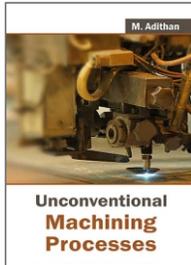
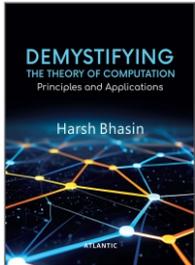
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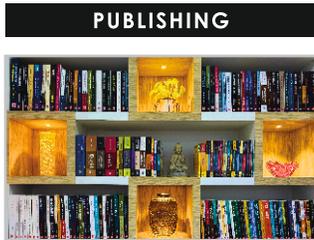
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