

**Volume No. I**

**Issue No. 2**



## **Deshbandhu College Library**

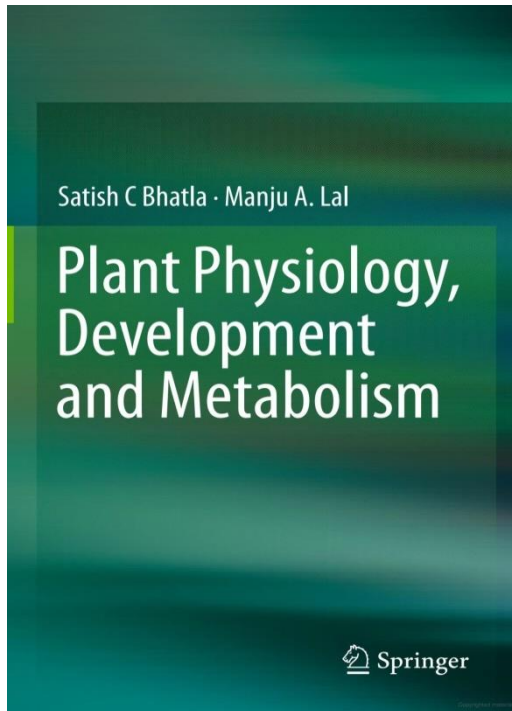
### **Current Awareness Service**

#### **Book Alert (New Arrivals of Books)**

**January 2022- June 2022**

1. Bhatla, S. C., & Lal, A. M . *Plant Physiology, Development and Metabolism*. 1st ed., Springer, 2019.

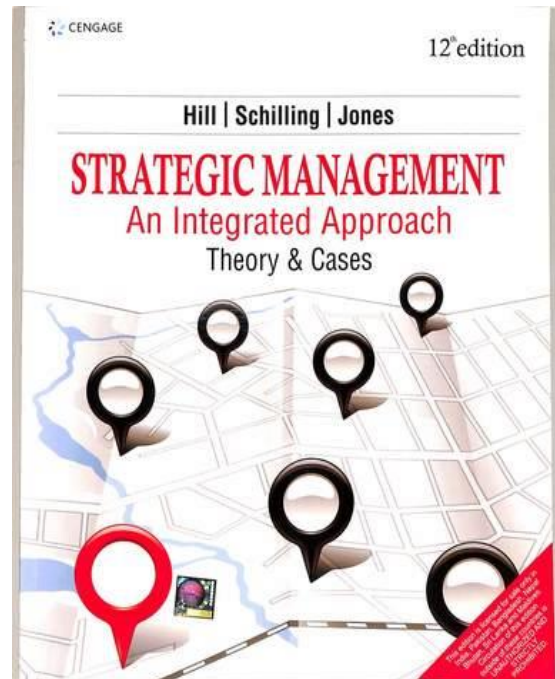
Accession No- 113429  
Call No- 571.2/B57P



**Book Descriptions** - This book focuses on the fundamentals of plant physiology for undergraduate and graduate students. It consists of 34 chapters divided into five major units. Unit I discusses the unique mechanisms of water and ion transport, while Unit II describes the various metabolic events essential for plant development that result from plants' ability to capture photons from sunlight, to convert inorganic forms of nutrition to organic forms and to synthesize high energy molecules, such as ATP. Light signal perception and transduction works in perfect coordination with a wide variety of plant growth regulators in regulating various plant developmental processes, and these aspects are explored in Unit III. Unit IV investigates plants' various structural and biochemical adaptive mechanisms to enable them to survive under a wide variety of abiotic stress conditions.

2. Hill, C. W. L. *Strategic Management: An Integrated Approach: Theory & Cases*. 12th ed., CENGAGE INDIA, 2022.

Accession No.- 113403  
Call No- 658.4012/H67S

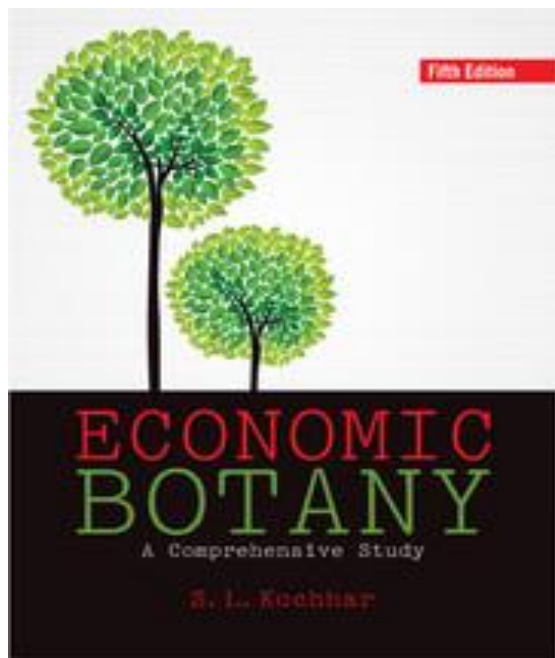


**Book Descriptions** - This comprehensive and engaging text presents the accumulated knowledge of strategic management scholarship in a way that is very accessible to students. Highly respected authors Hill, Schilling, and Jones integrate cutting-edge research on topics including competitive advantage, corporate governance, diversification, strategic leadership, technology and innovation, and corporate social responsibility through both theory and case studies. Based on real-world practices and current thinking in the field, The 12th edition features an increased emphasis on the changing global economy and its role in strategic management. Featured cases in this edition include Tesla motors, india' S Tata group, skullcandy, Uber, Google, and staples.

3. Kochhar, S. L. *Economic Botany: A Comprehensive Study*. 5th ed., Cambridge University Press, 2016.

Accession No- 113351

Call No- 581.63/K92E

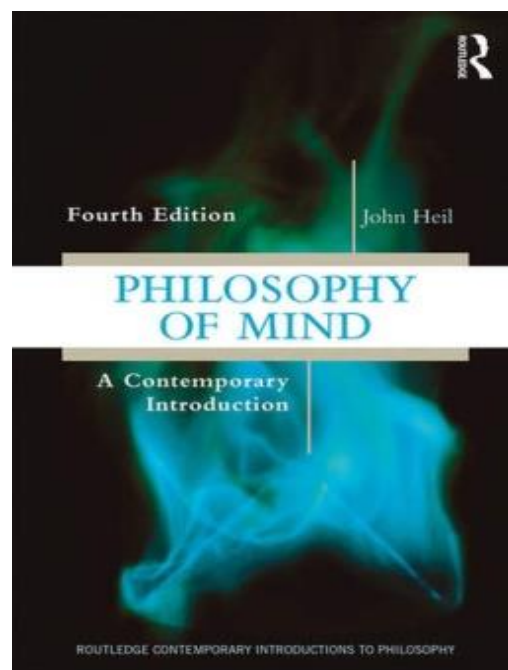


**Book Descriptions** - This book offers an up-to-date account of important crops grown worldwide. It provides detailed discussion on the history of plant exploration, migration, domestication and distribution, and crop improvement. The text starts with the origin and diversification of cultivated plants, followed by discussion on tropical, subtropical and temperate crops that are sources of food, beverages, spices and medicines, as well as plant insecticides, timber plants and essential oil-yielding plants. The genetic and evolutionary aspects of different plants and their health benefits are highlighted. The book covers topics dealing with biodiversity conservation, petro-crops, ethnobotanical studies, and important sub-tropical and temperate plants that have commercial importance. The significance of major plant species under each category is described in detail.

4. Heil, J. *Philosophy of Mind: A Contemporary Introduction*. 4th ed., Routledge. 2019.

Accession No- 113151

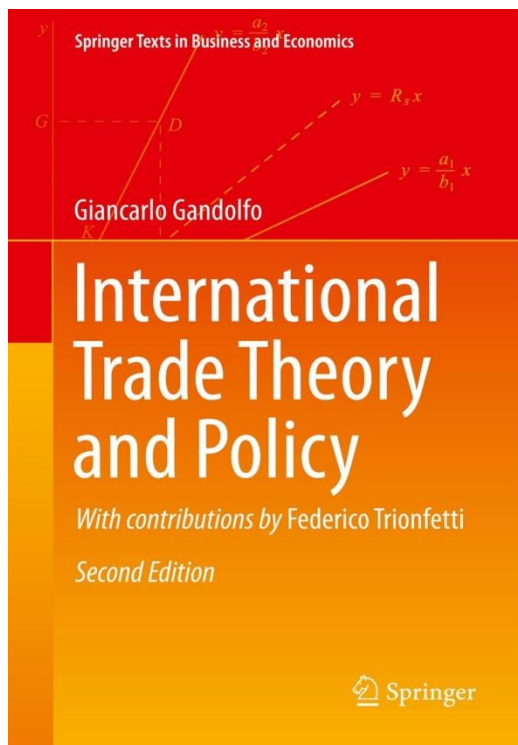
Call No- 128.2/H54P



**Book Descriptions** - The book is intended as a reader-friendly introduction to issues in the philosophy of mind, including mental–physical causal interaction, computational models of thought, the relation minds bear to brains, and assorted -isms: behaviorism, dualism, eliminativism, emergentism, functionalism, materialism, neutral monism, and panpsychism. The Fourth Edition reintroduces a chapter on Donald Davidson and a discussion of ‘Non-Cartesian Dualism’, along with a wholly new chapter on emergence and panpsychism. A concluding chapter draws together material in earlier chapters and offers what the author regards as a plausible account of the mind’s place in nature. Suggested readings at the conclusion of each chapter have been updated, with a focus on accessible, non-technical material.

5. Gandolfo, G., & Trionfetti, F. *International Trade Theory and Policy*. 2nd ed., Springer, 2013.

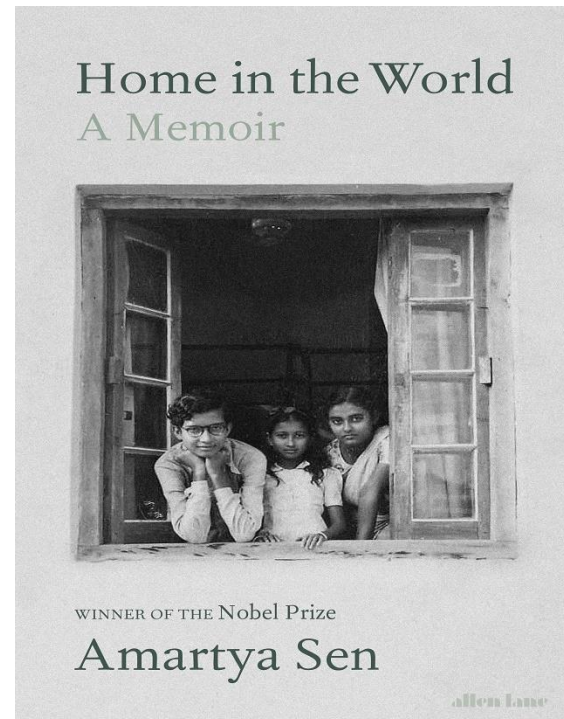
Accession No- 113173  
Call No- 382 /G15I



**Book Descriptions** - In the present text the author deals with both conventional and new approaches to trade theory and policy, treating all important research topics in international economics and clarifying their mathematical intricacies. The textbook is intended for undergraduates, graduates and researchers alike. It addresses undergraduate students with extremely clear language and illustrations, making even the most complex trade models accessible. In the appendices, graduate students and researchers will find self-contained treatments in mathematical terms. The new edition has been thoroughly revised and updated to reflect the latest research on international trade.

6. Sen, Amartya. *Home in the World: A Memoir*. Liveright Publishing, 2022.

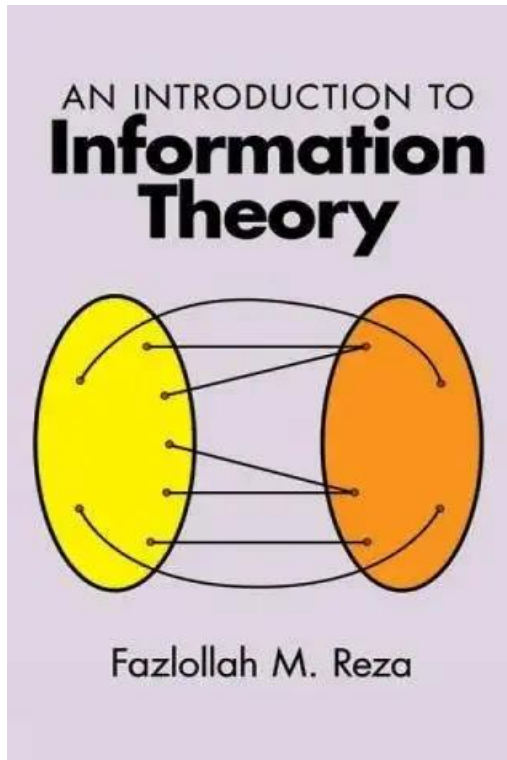
Accession No- 113165  
Call no- 330.092/Se50H



**Book Descriptions** - The extraordinary early life in India and England of one of the world's leading public intellectuals Where is 'home'? For Amartya Sen home has been many places - Dhaka in modern Bangladesh where he grew up, the village of Santiniketan where he was raised by his grandparents as much as by his parents, Calcutta where he first studied economics and was active in student movements, and Trinity College, Cambridge, to which he came aged nineteen. Sen brilliantly recreates the atmosphere in each of these. Central to his formation was the intellectually liberating school in Santiniketan founded by Rabindranath Tagore (who gave him his name Amartya) and enticing conversations in the famous Coffee House on College Street in Calcutta. As an undergraduate at Cambridge, he engaged with many of the leading figures of the day. This is a book of ideas - especially Marx, Keynes and Arrow - as much as of people and places.

7. Reza, F. M. *An Introduction to Information Theory*. Dover Publications, 2010.

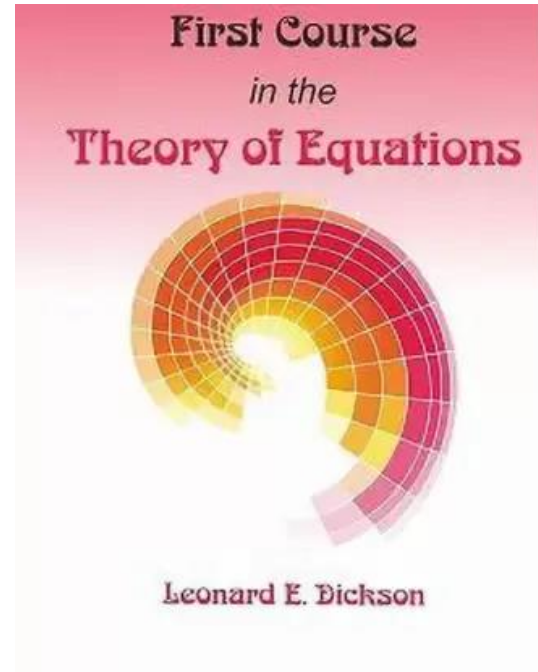
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Call No- 003.54/R49I



**Book Descriptions** - Written for an engineering audience, this book has a threefold purpose: (1) to present elements of modern probability theory & discrete, continuous, and stochastic; (2) to present elements of information theory with emphasis on its basic roots in probability theory; and (3) to present elements of coding theory. The emphasis throughout the book is on such basic concepts as sets, the probability measure associated with sets, sample space, random variables, information measure, and capacity. These concepts proceed from set theory to probability theory and then to information and coding theories. No formal prerequisites are required other than the usual undergraduate mathematics included in an engineering or science program. However, since these programs may not include a course in probability, the author presents an introductory treatment of probability for those who wish to pursue the general study of statistical theory of communications.

8. Dickson, L. E.. *First Course in the Theory of Equations*. Books and Books Unli,2022 .

Accession No- 113107  
Call No- 512.82/D47F

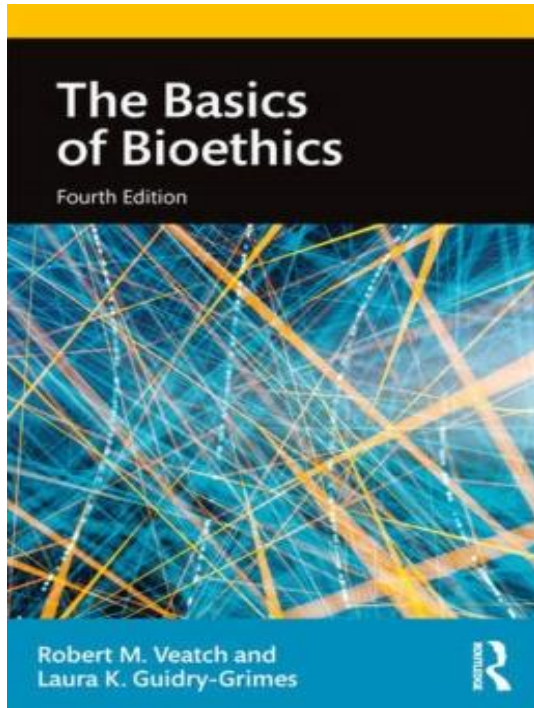


**Book Descriptions** - An Unabridged, Digitally Enlarged Printing To Include: Complex Numbers - Theorems On Roots Of Equations - Constructions With Ruler And Compasses - Cubic And Quartic Equations - The Graph Of An Equation - Isolation Of Real Roots - Solution Of Numerical Equations - Determinants; Systems Of Linear Equations - Symmetric Functions - Elimination, Resultants And Discriminants - Fundamental Theorem Of Algebra - Answers To Questions – Index.

9. Veatch, R. M., & Guidry-Grimes, L. K.. *The Basics of Bioethics*. 4th ed., Routledge, 2019.

Accession No- 113148

Call No- 174.2/V47B

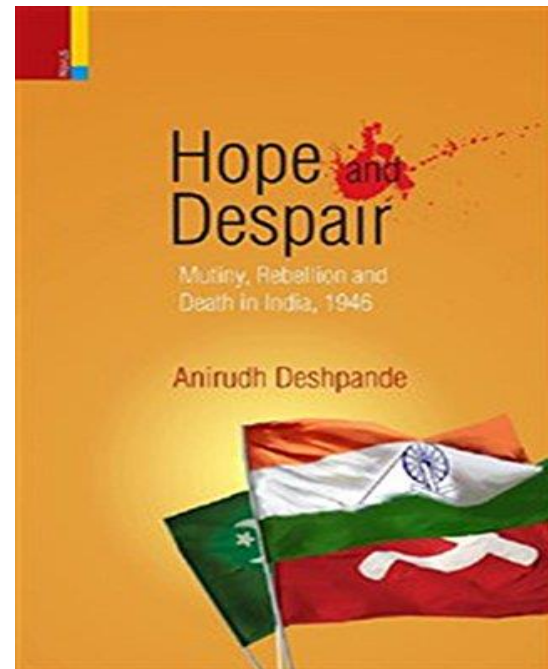


**Book Descriptions** - The Basics of Bioethics, Fourth Edition offers an easy-to-follow introduction to this dynamic field, intended for healthcare professionals, teachers, students, and anyone interested in bioethics. Accessible and enjoyable for readers of all backgrounds, the book contains numerous cases—including ones that recently have dominated international headlines—to help anchor the broader discussion. The text is suitable for use in short courses in schools of medicine, nursing, and other health professions; continuing professional education; various undergraduate departments; and adult education. Chapters are organized around common moral themes in order to help readers understand the values and other connections that tie together different positions in bioethics. This fourth edition adds a new chapter on alternative frameworks in bioethics, including narrative ethics and casuistry, feminist approaches, care ethics, and virtue ethics. Due to significant advances in genetics and reproductive possibilities, this new edition devotes a full chapter to each.

10. Deshpande, A. *Hope and Despair: Mutiny, Rebellion and Death In India*. Primus Books, 2016.

Accession No.- 113299

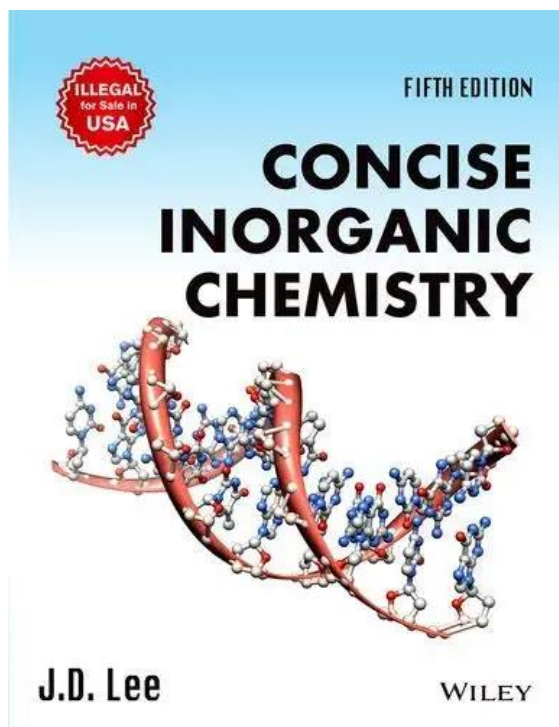
Call No.- 954.0359/D331H



**Book Descriptions** t -Hope and Despair: Mutiny, Rebellion and Death in India recounts the story of the thousands of Indians—sailors and forgotten working class individuals—who braved British bullets and bayonets on the streets of Bombay and Karachi, during the Royal Indian Navy Mutiny and the attendant civil rebellions of 1946. World War II in India was marked by inflation, food shortages, the great Bengal Famine and rising nationalism. While the Indian laboring classes bore the brunt of the War in the Indian cities and villages, millions of others became wartime recruits in the hope of a better future. The end of the War, however, brought neither prosperity nor peace to India. Thousands of demobilized servicemen entered the employment market precisely in the months when wage and job-related strikes rocked Indian cities almost every day. Great social anxiety about the future gripped the Indian masses and created a collective consciousness of rebellion woven.

11. **Concise Inorganic Chemistry: Fifth Edition** By J.D. Lee. 5th ed., Oxford University Press, 2008.

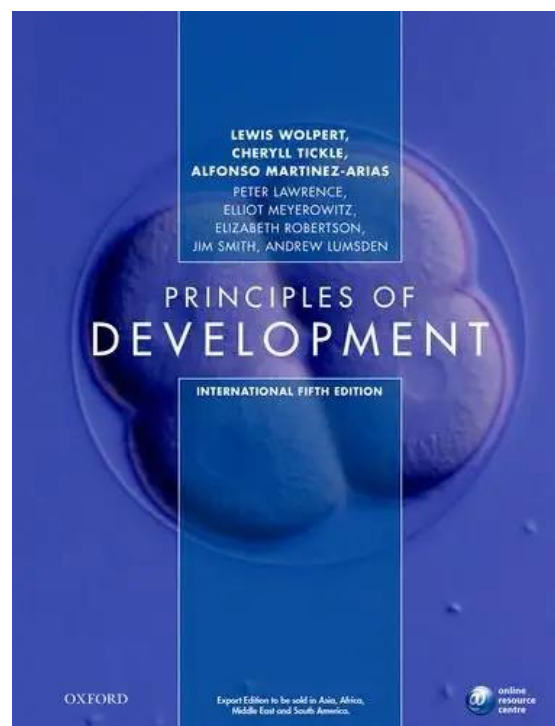
Accession No- 113225  
Call No- 546/L42C



**Book Descriptions** - The fifth edition of this classic textbook has been extensively revised, but remains faithful to the principles that established it as a favourite among teachers and students around the world. The book is divided into six parts: theoretical concepts and hydrogen, the *s*-block, the *p*-block, the *d*-block, the *f*-block, and other topics (the nucleus and spectra). An important aspect of the book is its focus on the commercial exploitation of inorganic chemicals, something other textbooks do not cover, and this coverage has been expanded for the fifth edition. The treatment of the inorganic aspects of environmental chemistry has also been extended.

12. **Wolpert, L., & Tickle, C. Fifth edition. PRINCIPLES OF DEVELOPMENT.** Oxford University Press, 2015.

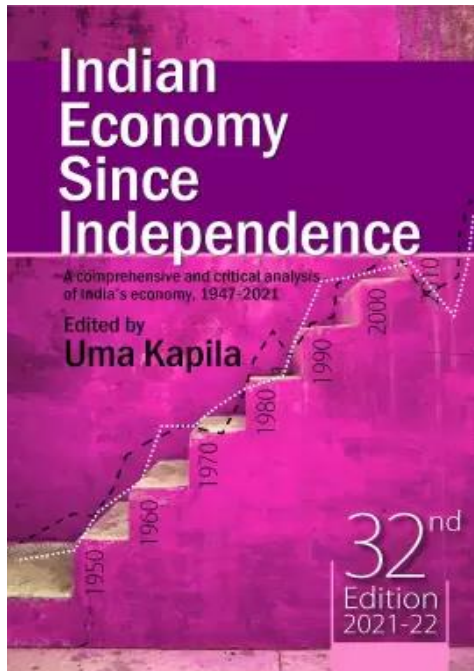
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Call No- 571.8/W73P



**Book Descriptions** - Emphasis throughout on the underlying principles - The commonalities between different Organisms and their development - enables students to get a clear sense of the 'big picture' Of the subject. Key points at the beginning and end of every Chapter, with concise summaries at the end of every section, reinforce the essential concepts that students should understand. Custom-drawn artwork makes the visualisation of processes and mechanisms in this challenging subject as straightforward as possible. Opportunities for problem solving are presented throughout the text and website, including short and Long Answer Questions at the end of each Chapter, interactive online MCQs, and online 'journal clubs'.

**13. Kapila, E. B. U. *Indian Economy Since Independence.* 32<sup>nd</sup> ed., Academic Foundation, 2022**

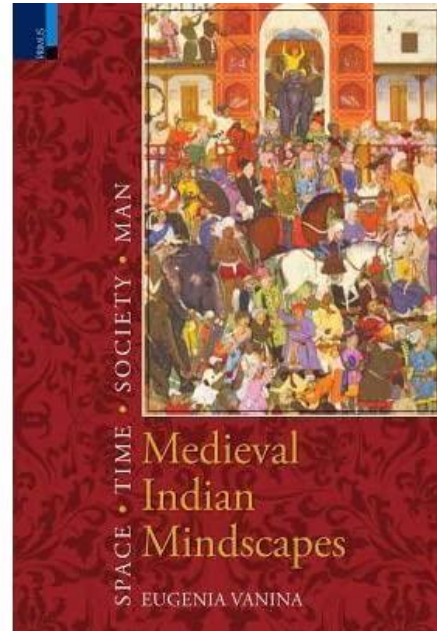
Accession No- 113514  
Call No- 330.954/K22T



**Book Descriptions** -“Uma Kapila’s 25th edition of this well-known volume contains an excellent and up-to-date collection of essays on the Indian Economy by some of the country’s leading economists, interspersed with very useful contributions by the editor herself. It will be a great boon for all students of the Indian economy...young and old.” The annual edition of Dr. Uma Kapila’s Indian Economy since Independence has become a staple, annually updated, reference for University students throughout the country, for aspirants for the civil service and other examinations, and for all those interested in a single comprehensive source of information, and analysis by a galaxy of scholars, on the Indian economy. This twenty-fifth anniversary edition marks a milestone in a remarkable journey, begun in 1988 by a revered teacher of long standing from Delhi University.

**14. Vanina, E.. *Medieval Indian Mindscapes: Space, Time, Society, Man* (1st ed.). Primus Books, 2012**

Accession No.- 113291  
Call No.- 954.02/V24M



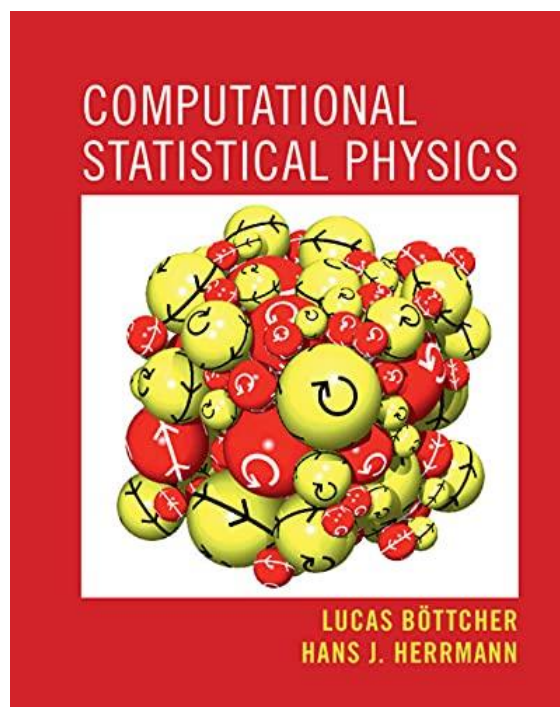
**Book Descriptions** -This book centres on the world perception of Indians in precolonial times. It compares specific features of their ‘mental programme’ and its comparability with counterparts in other pre-modern societies. While analysing the importance of space in the medieval world view, it discusses how medieval Indians comprehended their territories and landscape as ‘their own’ vis-à-vis the ‘alien’ space; it also dwells on the development of territorial-cultural and territorial-political identities, and knowledge about other lands and peoples. In a discussion of medieval temporality, the book also studies ways of perceiving the reckoning time, attitudes to the historical past and the manifold ways of recording it. Chapters on ‘Society’ and the medieval Indian perception of ‘Man’, his appearance and peculiarities further complement this book’s usefulness to medievalists as well as general readers keen to learn the dynamics of pre-modern Indian history and culture.



15. Bottcher, L., & Herrmann, H. J.. *Computational Statistical Physics*. 1st ed., Cambridge University Press, 2021.

Accession No.- 113259

Call No- 530.15950285/B761C

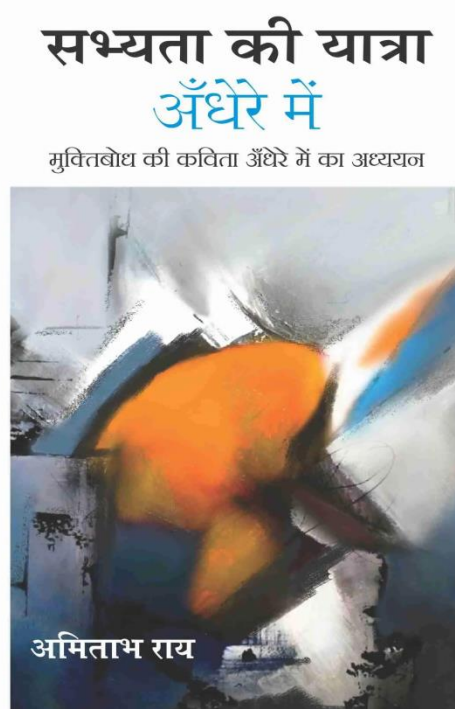


**Book Descriptions** - Providing a detailed and pedagogical account of the rapidly-growing field of computational statistical physics, this book covers both the theoretical foundations of equilibrium and non-equilibrium statistical physics, and also modern, computational applications such as percolation, random walks, magnetic systems, machine learning dynamics, and spreading processes on complex networks. A detailed discussion of molecular dynamics simulations is also included, a topic of great importance in biophysics and physical chemistry. The accessible and self-contained approach adopted by the authors makes this book suitable for teaching courses at graduate level, and numerous worked examples and end of chapter problems allow students to test their progress and understanding.

16. Ray, A. *Sabhyata Ki Yatra Andhere Mein*. 1<sup>st</sup> ed., Setu Prakashan, 2022.

Accession No- 113178

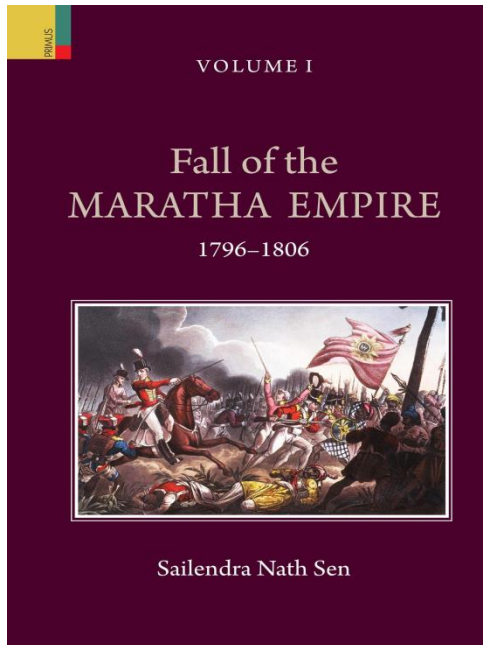
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**पुस्तक का परिचय**- अँधेरे में', मुक्तिबोध की लम्बी कविता पर। अमिताभ राय का यह लम्बा विनिबन्ध 20वीं सदी और उसके आगे की जीवनगत रचनाओं का सूक्ष्म विश्लेषण है। विश्लेषण का शिल्प पाठ की प्रविधि में है। पाठ की गहरी संलग्नता को यहाँ देखा जा सकता है। अमिताभ ने गैर अकादमिक बर्ताव के साथ इस कृति में अपने अन्तःकरण को समीक्षा की दृष्टि से...

17. Sen, S. N. *The Fall of the Maratha Empire, 1796-1806*. Adfo Books, 2022.

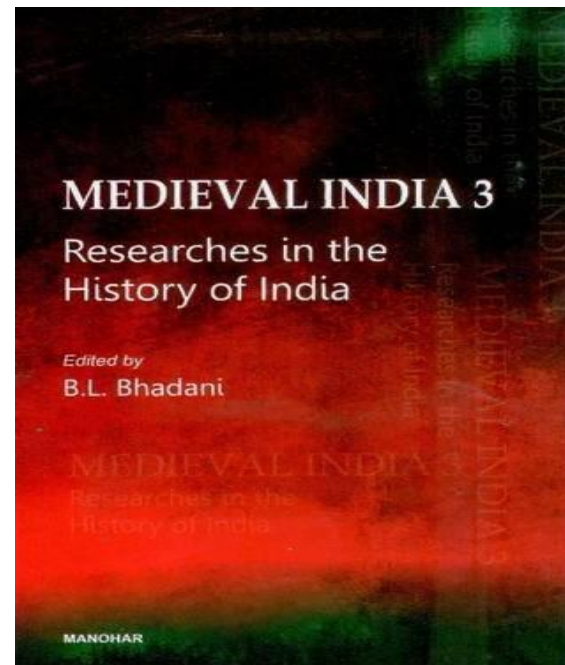
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**Book Descriptions-** All of the Maratha Empire, Vol. I (1796-1806) documents that significant transitional epoch in modern Indian history when the Marathas lost their hegemony in India and Peshwa Bajirao II became a subservient tool of British imperialism by concluding the Treaty of Bassain in 1802. The two resourceful Maratha chiefs Shinde and Bhonsle, fought against the British in the Second Anglo-Maratha War while Holkar remained quiescent. Shinde and Bhonsle were, however, defeated by the brilliant and meticulous planning of Governor-General Lord Wellesley and the British Generals. The vast amount of material available at the National Archives of India, New Delhi; the Secretariat Record Office, Bombay; and the British Library, London, along with the published documents contained in the several volumes of the Poona Residency Correspondence and the Wellesley papers in Montgomery Martin's volumes, have been fully utilized to reconstruct the fascinating story of the fall of the Marathas in this volume

18. Bhadani, B. L. *Medieval India 3: Researches in the History of India*. Manohar Publishers, 2012.

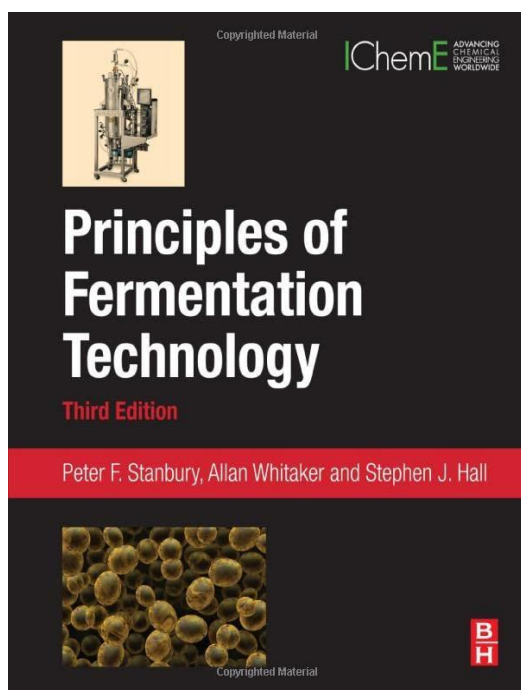
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**Book Descriptions-** This volume offers varied but comprehensive studies relating to Medieval Indian History and Culture from the twelfth to the eighteenth century. Based on extensive use of contemporary sources (including those hitherto unknown), the essays cover political, social, economic, cultural and environmental issues both at the macroscopic and microscopic levels. It contains fifteen essays, contributed by scholars associated with the Centre of Advanced Study, Department of History, Aligarh Muslim University as well as those who belong to other institutions in the country

19. Stanbury, P. F., Whitaker, A., & Hall, S. J. *Principles of Fermentation Technology* . 3rd ed., Butterworth-Heinemann. 2016.

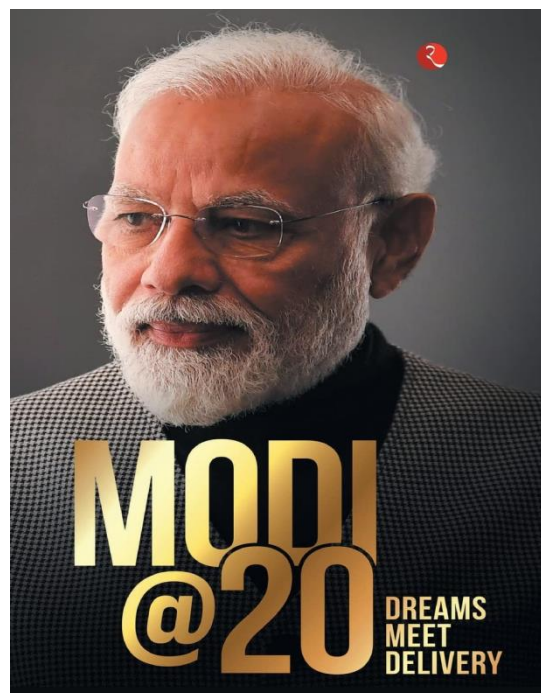
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Call No.- 579.W28F



**Book Descriptions-** The successful structure of the previous edition of *Principles of Fermentation Technology* has been retained in this third edition, which covers the key component parts of a fermentation process including growth kinetics, strain isolation and improvement, inocula development, fermentation media, fermenter design and operation, product recovery, and the environmental impact of processes. This accurate and accessible third edition recognizes the increased importance of animal cell culture, the impact of the post-genomics era on applied science and the huge contribution that heterologous protein production now makes to the success of the pharmaceutical industry. This title is ideally suited for both newcomers to the industry and established workers as it provides essential and fundamental information on fermentation in a methodical, logical fashion. Stanbury, Whitaker and Hall have integrated the biological and engineering aspects of fermentation to make the content accessible to members of both disciplines with a focus on the practical application of theory.

20. Bluekraft Digital Foundation. *Modi @ 20: Dream meet delivery*. Rupa, 2020.

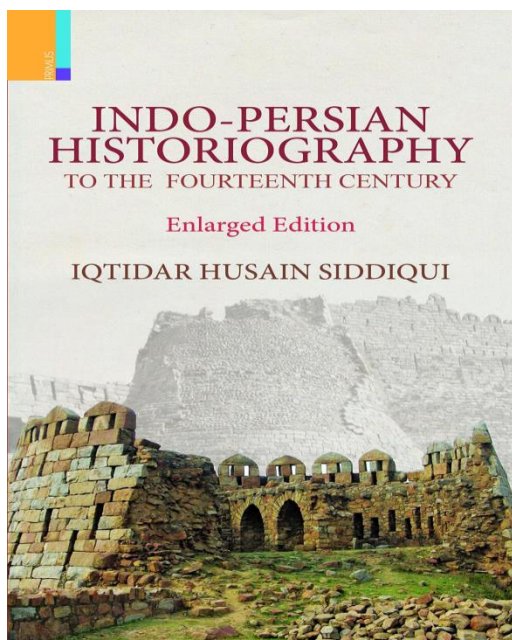
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**Book Descriptions-** The rise of Narendra Modi is a watershed moment in Indian politics. In fact, such is the magnitude of his influence on the country that India's governance paradigm and political history can be easily divided into two distinct eras—pre- Modi and post-Modi. Modi became the chief minister of the Indian state of Gujarat in 2001. He was undefeated in all subsequent elections and became the state's longest serving chief minister. While Modi strode Gujarat like a colossus, propelling multi-dimensional progress, bigger responsibilities beckoned. Modi's exemplary success in Gujarat, paved the way for him to be popularly elected India's prime minister in an overwhelming victory in 2014. He is a prime minister unlike anyone earlier, both in terms of appeal and body of work. As a result, in 2019, he was re-elected with an even bigger mandate. His appeal is the result of his work in many domains over a long social, political and administrative career. Modi's impact is not restricted to India alone, and numerous national and international polls regularly declare that he is the most popular international leader. In 2021, Modi completed twenty continuous years as the head of a government.

21. Siddiqui, I. H. *Indo-Persian Historiography to the Fourteenth Century. Enlarged Edition, Primus Books, 2016.*

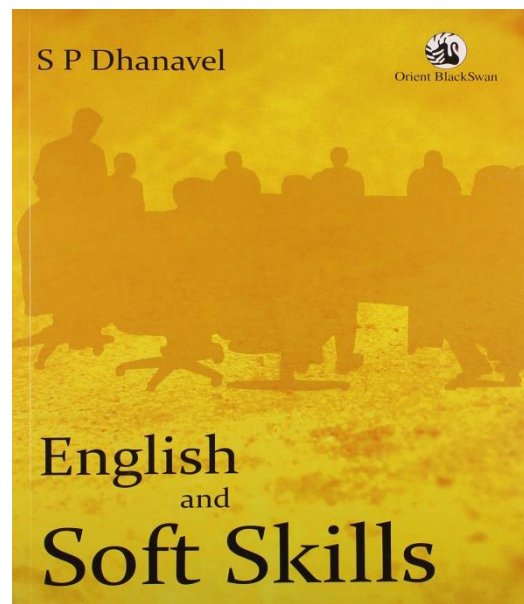
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Call No-954.007202/Si50I



**Book Descriptions-** This book discusses the origin and growth of Indo-Persian historiography with particular emphasis on India's contribution to the literary heritage of the Persian world. It also evaluates the important changes that the writing of history underwent as it developed within the Indian environment. Besides a discussion of the methods employed by the Indo-Persian historians, the book focuses, for the first time, on an important contemporary work, Awfi's *Jawami'ul-Hikayat-waLivam'ul-Rivaayat* as a source for the study of the history of the social and political developments in the Islamic world. This enlarged edition also examines the poet 'Isami's *Futuhus-Salatin* that chronicles the reign of the Sultans from the eleventh to fourteenth centuries, and is remarkable for the details of the political and social developments that took place in south India after its annexation to the Sultanate of Delhi. writers included in this book as well as analyse each work in the context of contemporary works and narratives produced in the neighbouring countries. It aims to fill an important gap in medieval Indo-Persian historiography as it assesses the history of history writing by immigrants and Indian scholars.

22. Dhanavel, S.P. *English and Soft Skills. Orient BlackSwan, 2022.*

Accession No- 112517  
Call No - D41E



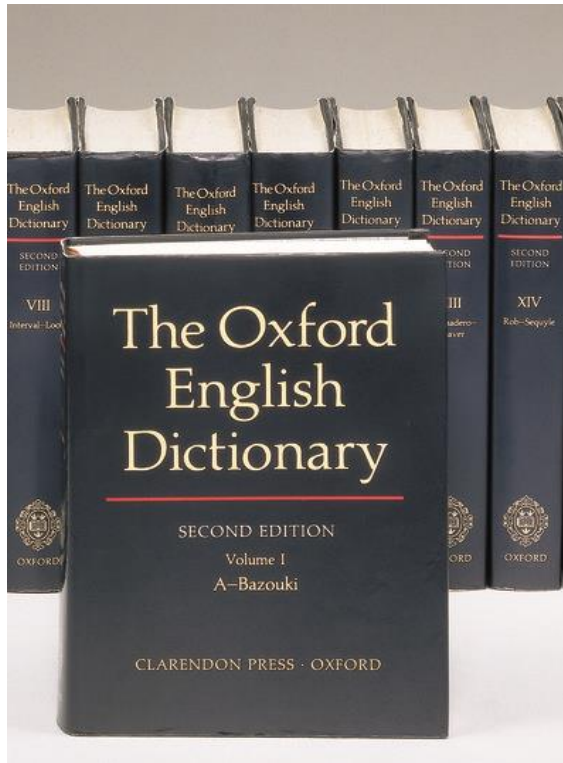
**Book Descriptions-** English and Soft Skills is a textbook intended to help students acquire and practise the soft skills they will need in their working lives. It addresses the growing demand from organisations for capable and competent professionals. Thus, it aims at bridging the gap between the teaching-learning situation in the classroom and the professional expectations current in industry. The book provides students with a variety of challenging and interesting activities that focus on a set of ten interlinked soft skills-listening, teamwork, emotional intelligence, assertiveness, learning to learn, problem solving, attending interviews, adaptability, non-verbal communication and written communication. English and Soft Skills is suitable for study at the undergraduate level and can be adapted to suit any syllabus and examination system in the country.

## REFERENCE SOURCES

1. Simpson, J. A., and Weiner E S C. *The Oxford English Dictionary*. Clarendon Press, 2001.

Accession No.- 112659-78

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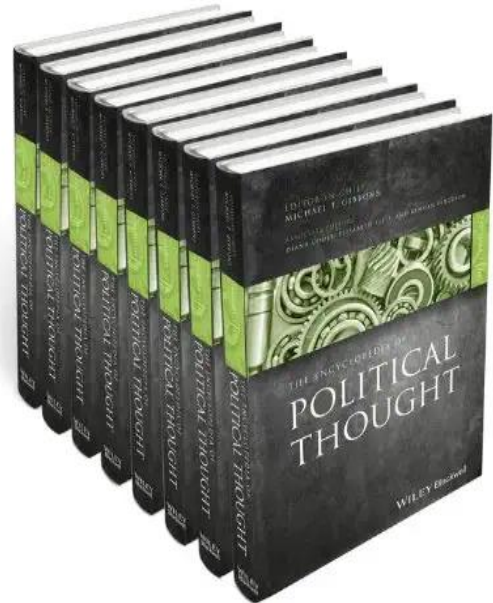


About - The 20-volume Oxford English Dictionary is the accepted authority on the evolution of the English language over the last millennium. It traces the usage of words through 2.4 million quotations from a wide range of international English language sources. The OED has a unique historical focus. Accompanying each definition is a chronologically arranged group of quotations that trace the usage of words, and show the contexts in which they can be used. The quotations are drawn from a huge variety of sources worldwide - literary, scholarly, technical, and popular - and represent authors as disparate as Geoffrey Chaucer and Erica Jong, William Shakespeare, Charles Darwin and Isabella Beeton.

2. Gibbons, M. T., Coole, D., Ellis, E., & Ferguson, K. (2014, October 6). *The Encyclopedia of Political Thought* (1st ed.). Wiley-Blackwell.

Accession No.- 112903-112910

Call No- 320.03/G38E



About- The Encyclopedia of Political Thought is the most comprehensive and rigorous treatment of significant political thinkers, political theories, concepts, ideas, and schools of thought.

- Comprises over 900 A-Z entries, including brief definitions, biographies, and major topics, written by a team of 700 contributors from around the world
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**and**

**Mr. Saurabh Verma**