

## Production Engineering Amitabh Ghosh

*In Public Works: Infrastructure, Irish Modernism, and the Postcolonial, Michael Rubenstein documents the relationship between Irish modernism and a restricted segment of the material culture of the modern state known colloquially as "public utilities" or "water, gas, and electricity." The water tap, the toilet, the gas jet, and the electrical light switch: these are all sites, in Irish modernism, of unexpected literary and linguistic intensities that burst through the routines of everyday life, defamiliarizing and reconceptualizing that which we might not normally consider worthy of literary attention. Such public utilities--material networks of power and provision, submission and entitlement--are taken up in Irish modernism not only as a nexus of anxieties about modern life, but also as a focal point for the hopes held out for the postcolonial Irish Free State. Public utilities figure a normative and utopian standard of modernity and modernization; they embody in Irish modernism and in other postcolonial literatures an ideal for the postcolonial state; and they figure a continuity between the material networks of the modern state and the abstract ideals of revolutionary republicanism (liberty, equality, and brotherhood). They define a new territory of contestation within the discourses of civil and human rights. Moreover, public utilities influence the formal qualities of both Irish modernist and postcolonial literature. In analyses of literary works by James Joyce, Flann O'Brien, Elizabeth Bowen, Denis Johnston, Samuel Beckett, and Patrick Chamoiseau, Rubenstein asks us to think about the industrial networks of the twentieth century alongside self-consciously "national" literary works and to understand them as different but inherently related forms of public works. In doing so his book maps thematic and formal relationships between national infrastructure and national literature, revealing an intimate dialogue between the nation's literary arts and the state's engineering cultures. "Public Works, Michael Rubenstein's pathbreaking book, brilliantly explores relationships between modern 'engineering cultures' and literary cultures. Juxtaposing literary texts and electric power generators, plays and water schemes, he offers us nothing less than a new way to read literary modernism's engagement with the real. His book represents a major intervention in postcolonial studies, uncovering new and pragmatic models of imagined community after colonialism. Additionally, Rubenstein's work marks a significant move in contemporary Irish studies by developing paradigms that help us read Ireland's postcolonial statehood in a global context. It also offers highly original readings of a series of Irish late-modernist writers, all in a timely and truly interdisciplinary project, beautifully done." --Enda Duffy, University of California, Santa Barbara ". . . one of the most original and important contributions to Irish studies, and to a number of other fields as well, that has been written by a young scholar in recent years. It will be an important and much discussed book. It participates in, and outlines the future of, significant new directions in areas such as Irish studies, modernist studies, postcolonial studies, and the study of the relations among technology, materiality, and culture." --Marjorie Howes, Boston College "Can you imagine a Joycean appeal for the payment of taxes? If you do not find it easy, you may be ready to take in the superb literary flair and pitch-perfect sense of present urgencies that puts Public Works at the sharpest*

*edge of new scholarship. Michael Rubenstein makes a tiger's leap into the recent past, when the intimacy of the home had not yet learned to take for granted its connection to networks of electricity, gas, and water. He has written the book on the very hot topic of infrastructure, and he's done so while also figuring out a new direction for postcolonial studies. You will never be able to read Ulysses the same way again." --Bruce Robbins, Columbia University*

*'A vision of our past lives in images that are most often, I am not ashamed to say, memories of what we ate, with whom and when . . .' In this well-seasoned medley of memories and meals, Indranee Ghosh brings together charming vignettes from her youth in the densely forested Khasi Hills and in Bengal with a delectable selection of recipes passed down over three generations. Anecdotes about eccentric kith and kin, folklore from the time of the Second World War and chronicles of Partition are served up in a warm and engaging narrative along with accounts of audacious kitchen adventures and fascinating nuggets of hard-learned culinary techniques. Featuring over 70 recipes that represent a mix of Bengali, Khasi and Nepali cuisines, Spiced, Smoked, Pickled, Preserved will introduce you to a variety of exciting fare. From essential spice mixes to forgotten dishes reinvented over time, from fermented delicacies like shidol in pumpkin leaves to a sizzling pan-roasted telapiya, from hearty fish stew to mouth-watering pork in plum sauce, and from sweet-and-sour fish roe ambal to a delicious tangerine payesh – every dish in this deeply personal collection has been tried, tested and practised to perfection. Whether you are an intrepid gastronome wanting to take your repertoire a bit further, or a foodie looking for a comforting bowl of goodness and a fresh flavour to tickle your tastebuds – this treasure trove of treats is your must-have culinary guide.*

*A History of the Indian Novel in English traces the development of the Indian novel from its beginnings in the late nineteenth century up until the present day. Beginning with an extensive introduction that charts important theoretical contributions to the field, this History includes extensive essays that shed light on the legacy of English in Indian writing. Organized thematically, these essays examine how English was "made Indian" by writers who used the language to address specifically Indian concerns. Such concerns revolved around the question of what it means to be modern as well as how the novel could be used for anti-colonial activism. By the 1980s, the Indian novel in English was a global phenomenon, and India is now the third largest publisher of English-language books. Written by a host of leading scholars, this History invites readers to question conventional accounts of India's literary history.*

*This volume presents research papers on micro and nano manufacturing and surface engineering which were presented during the 7th International and 28th All India Manufacturing Technology, Design and Research conference 2018 (AIMTDR 2018). The papers discuss the latest advances in miniature manufacturing, the machining of miniature components and features as well as improvement of surface properties. This volume will be of interest to academicians, researchers, and practicing engineers alike.*

*Innovations and Technologies for Soft Skill Development and Learning*

*The Shadow Lines*

*Carbon Democracy*

*Theory of Mechanisms and Machines*

*A Novel*

*Advances in Micro and Nano Manufacturing and Surface Engineering*

The stunningly vibrant final novel in the bestselling Ibis Trilogy It is 1839 and China has embargoed the trade of opium, yet too much is at stake in the lucrative business and the British Foreign Secretary has ordered the colonial government in India to assemble an expeditionary force for an attack to reinstate the trade. Among those consigned is Kesri Singh, a soldier in the army of the East India Company. He makes his way eastward on the Hind, a transport ship that will carry him from Bengal to Hong Kong. Along the way, many characters from the Ibis Trilogy come aboard, including Zachary Reid, a young American speculator in opium futures, and Shireen, the widow of an opium merchant whose mysterious death in China has compelled her to seek out his lost son. The Hind docks in Hong Kong just as war breaks out and opium "pours into the market like monsoon flood." From Bombay to Calcutta, from naval engagements to the decks of a hospital ship, among embezzlement, profiteering, and espionage, Amitav Ghosh charts a breathless course through the culminating moment of the British opium trade and vexed colonial history. With all the verve of the first two novels in the trilogy, *Flood of Fire* completes Ghosh's unprecedented reenvisioning of the nineteenth-century war on drugs. With remarkable historic vision and a vibrant cast of characters, Ghosh brings the Opium Wars to bear on the contemporary moment with the storytelling that has charmed readers around the world.

This book provides an introduction to Newtonian and relativistic mechanics. Unlike other books on the topic, which generally take a 'top-down' approach, it follows a novel system to show how the concepts of the 'science of motion' evolved through a veritable jungle of intermediate ideas and concepts. Starting with Aristotelian philosophy, the text gradually unravels how the human mind slowly progressed towards the fundamental ideas of inertia physics. The concepts that now appear so obvious to even a high school student took great intellectuals more than a millennium to clarify. The book explores the evolution of these concepts through the history of science. After a comprehensive overview of the discovery of dynamics, it explores fundamental issues of the properties of space and time and their relation with the laws of motion. It also explores the concepts of spatio-temporal locality and fields, and offers a philosophical discussion of relative motion versus absolute motion, as well as the concept of an absolute space. Furthermore, it presents Galilean transformation and the principle of relativity, inadequacy of Galilean relativity and emergence of the spatial theory of relativity with an emphasis on physical understanding, as well as the debate over relative motion versus absolute motion and Mach's principle followed by the principle of equivalence. The natural follow-on to this section is the physical foundations of general theory of relativity. Lastly, the book ends with some new issues and possibilities regarding further modifications of the laws of motion leading to the solution of a number of fundamental issues closely connected with the characteristics of the cosmos. It is a valuable resource for undergraduate students of physics, engineering, mathematics, and related disciplines. It is also suitable for interdisciplinary coursework and introductory reading outside the classroom. A New York Times Notable Book: A policeman chases a falsely accused man on a wild journey around the world in this "utterly involving" novel (The Sunday Times). When eight-year-old Nachiketa Bose first arrives in the East Bengali village of Lalpukur, he receives the name Alu—potato—for

the size and shape of his extraordinary head. His uncle Balaram, the local schoolmaster and phrenology enthusiast, sends Alu to apprentice as a weaver, and the boy soon surpasses the skill of his master. But when a tragic bombing leaves Alu suspected of terrorism, he flees across India to Bombay and the Arabian Sea, followed all the way by the dogged policeman—and avid ornithologist—Jyoti Das. From East Bengal to the Persian Gulf and North Africa, Amitav Ghosh's wild and extraordinary novel "follows in the footsteps of magical realists like Gabriel Garc í a M á rquez and Salman Rushdie" (The New York Times Book Review). "A novelist of dazzling ingenuity." —San Francisco Chronicle "A Scheherezade effortlessly spinning tales within tales, the possessor of a strong narrative voice quite like no other." —Newsday "Ghosh's writing soars, producing electric images." —The Baltimore Sun "A wonderful mix of magic and horror, wit and curiosity . . . Ghosh has really woven a fresh world for us to visit." —Providence Sunday Journal

The first edited collection to bring ecocritical studies into a necessary dialogue with postcolonial literature, this volume offers rich and suggestive ways to explore the relationship between humans and nature around the globe, drawing from texts from Africa and the Caribbean, as well as the Pacific Islands and South Asia. Turning to contemporary works by both well- and little-known postcolonial writers, the diverse contributions highlight the literary imagination as crucial to representing what Eduoard Glissant calls the "aesthetics of the earth." The essays are organized around a group of thematic concerns that engage culture and cultivation, arboriculture and deforestation, the lives of animals, and the relationship between the military and the tourist industry. With chapters that address works by J. M. Coetzee, Kiran Desai, Derek Walcott, Alejo Carpentier, Zakes Mda, and many others, Postcolonial Ecologies makes a remarkable contribution to rethinking the role of the humanities in addressing global environmental issues.

Basic Mechanical Engineering

Engineering Mechanics

Rebel with a Paintbrush

Technoscience in History

Additive Manufacturing

Political Power in the Age of Oil

**Opening in Calcutta in the 1960s, Amitav Ghosh's radiant second novel follows two families -- one English, one Bengali -- as their lives intertwine in tragic and comic ways. The narrator, Indian born and English educated, traces events back and forth in time, from the outbreak of World War II to the late twentieth century, through years of Bengali partition and violence, observing the ways in which political events invade private lives.**

**The revised and updated second edition of this book gives an in-depth presentation of the basic principles and operational procedures of general manufacturing processes. It aims at assisting the students in developing an understanding of the important and often complex interrelationship among various technical and economical factors involved in manufacturing. The book begins with a discussion on material properties while laying emphasis on the influence of materials and processing**

parameters in understanding manufacturing processes and operations. This is followed by a detailed description of various manufacturing processes commonly used in the industry. With several revisions and the addition of four new chapters, the new edition also includes a detailed discussion on mechanics of metal cutting, features and working of machine tools, design of molds and gating systems for proper filling and cooling of castings. Besides, the new edition provides the basics of solid-state welding processes, weldability, heat in welding, residual stresses and testing of weldments and also of non-conventional machining methods, automation and transfer machining, machining centres, robotics, manufacturing of gears, threads and jigs and fixtures. The book is intended for undergraduate students of mechanical engineering, production engineering and industrial engineering. The diploma students and those preparing for AMIE, Indian Engineering Services and other competitive examinations will also find the book highly useful. **New to This Edition : Includes four new chapters Non-conventional Machining Methods; Automation: Transfer Machining, Machining Centres and Robotics; Manufacturing Gears and Threads; and Jigs and Fixtures to meet the course requirements. Offers a good number of worked-out examples to help the students in mastering the concepts of the various manufacturing processes. Provides objective-type questions drawn from various competitive examinations such as Indian Engineering Services and GATE.**

**Climate Change** is geared toward a variety of students and general readers who seek the real science behind global warming. Exquisitely illustrated, the text introduces the basic science underlying both the natural progress of climate change and the effect of human activity on the deteriorating health of our planet. Noted expert and author Edmond A. Mathez synthesizes the work of leading scholars in climatology and related fields, and he concludes with an extensive chapter on energy production, anchoring this volume in economic and technological realities and suggesting ways to reduce greenhouse-gas emissions. **Climate Change** opens with the climate system fundamentals: the workings of the atmosphere and ocean, their chemical interactions via the carbon cycle, and the scientific framework for understanding climate change. Mathez then brings the climate of the past to bear on our present predicament, highlighting the importance of paleoclimatology in understanding the current climate system. Subsequent chapters explore the changes already occurring around us and their implications for the future. In a special feature, Jason E. Smerdon, associate research scientist at Lamont-Doherty Earth Observatory of Columbia University, provides an innovative appendix for students.

**The relationship of the current technosciences and the older engineering sciences, examined through**

**the history of the “useful” sciences in Prussia. Do today's technoscientific disciplines—including materials science, genetic engineering, nanotechnology, and robotics—signal a radical departure from traditional science? In Technoscience in History, Ursula Klein argues that these novel disciplines and projects are not an “epochal break,” but are part of a history that can be traced back to German “useful” sciences and beyond. Klein's account traces a deeper history of technoscience, mapping the relationship between today's cutting-edge disciplines and the development of the useful and technological sciences in Prussia from 1750 to 1850. Klein shows that institutions that coupled natural-scientific and technological inquiry existed well before the twentieth century. Focusing on the science of mining, technical chemistry, the science of forestry, and the science of building (later known as civil engineering), she examines the emergence of practitioners who were recognized as men of science as well as inventive technologists—key figures that she calls “scientific-technological experts.” Klein describes the Prussian state's recruitment of experts for technical projects and manufacturing, including land surveys, the apothecary trade, and porcelain production; state-directed mining, mining science, and mining academies; the history and epistemology of useful science; and the founding of Prussian scientific institutions in the nineteenth century, including the University of Berlin, the Academy of Building, the Technical Deputation, and the Industrial Institute.**

**Proceedings of AIMTDR 2018**

**Industrial Engineering and Production Management**

**Design Data Handbook for Mechanical Engineers in Si and Metric Units**

**Textbook of Refrigeration and Air Conditioning**

**Public Works**

**Theory of Machines**

*In short, gloriously inventive essays, Whiting Award-winning author Amy Leach's The Everybody Ensemble invites us to see and celebrate our oddball, interconnected world Humans, please turn your guns into kazoos. Are you feeling dismay, despair, disillusion? Need a break from the ho-hum, the hopeless, and the hurtful? Feel certain that there's a version of our world that doesn't break down into tiny categories of alliance but brings everybody together into one clattering, sometimes discordant but always welcoming chorus of glorious pandemonium? Amy Leach, the celebrated author of the transcendent Things That Are, invites you into The Everybody Ensemble, an effervescent tonic of a book. These short, wildly inventive essays are filled with praise songs, poetry, ingenious critique, soul-lifting philosophy, music theory, and whimsical but scientific trips into nature. Here, you will meet platypuses, Tycho Brahe and his moose, barnacle goslings, medieval mystics, photosynthetic bacteria,*

and a wholly fresh representation of the biblical Job. Equal parts call to reason and to joy, this book is an irrepressible celebration of our oddball, interconnected world. The Everybody Ensemble delivers unexpected wisdom and a wake-up call that sounds from within. For readers of Ross Gay, Eula Biss, Anne Lamott, Annie Dillard, Ralph Waldo Emerson, and even Lewis Carroll, these twenty-four essays will be a perfect match.

This text emphasizes the underlying metallurgical principles of casting technology so that the students can develop a sound set of analytic skills, helpful in the development of improved casting processes and products. The pictorial and diagrammatic support provided throughout reinforces the clarity of the text for a thorough understanding of the metal casting concepts and technologies. Besides comprehensive coverage of the casting processes and elaborate discussion of properties of cast irons, cast steels, and cast nonferrous alloys, the text also familiarizes the students with the most recent developments in binder systems, casting practices, solidification processing, metal filtration, metallurgy of cast alloys, alloy design, and energy and environment management. The book is primarily designed for degree and diploma students pursuing courses in metallurgical, mechanical, and production engineering disciplines as well as for candidates studying for Associate Membership Examinations (AMIIM, AMIE, Grad. IIF). It would also benefit M.Tech./M.E. students specializing in foundry technology and allied disciplines.

For close to 20 years, *Industrial Engineering and Production Management* has been a successful text for students of Mechanical, Production and Industrial Engineering while also being equally helpful for students of other courses including Management. Divided in 5 parts and 52 chapters, the text combines theory with examples to provide in-depth coverage of the subject.

Contemporary Indian Writers in English (CIWE) is a series that presents critical commentaries on some of the best-known names in the genre. With the high visibility of Indian writing in English in academic, critical, pedagogic and reader circles, there is a perceivable demand for lucid yet rigorous introduction of several of its authors and genres. The CIWE texts cater to a wide audience - from the student seeking information and critical material on particular works to the general, informed reader who might want to know a little more about an author she has just finished reading. Cast in a user-friendly format, and written with a high degree of critical and theoretical rigour, the texts in the series will provide astute, accessible, informed entry-points into a wide range of works and writers. CIWE, we hope, will further strengthen the interest in and readership of one of the most significant components of world literatures in English. Amitav Ghosh, a novelist with an extraordinary sense of history and place, is indisputably one of the most important novelists and essayists of our times. In this volume, John Hawley provides a lucid, friendly and thorough introduction to the fiction and essays of Ghosh.

*The Everybody Ensemble*

*A History of the Indian Novel in English*

*Select Proceedings of Asian MMS 2018*

*Prussia, 1750-1850*

*Climate Change*

*Descriptive Archaeoastronomy and Ancient Indian Chronology*

This book presents the basic fundamentals of descriptive archaeoastronomy and its application to the astronomical descriptions found in ancient Indian scriptures. Archaeoastronomy is a branch of positional astronomy that helps to determine the epochs of ancient astronomical alignments and special astronomical events. In this book, only the descriptions of special stellar alignments and events found in ancient texts can identify the antiquity of the descriptions. India possesses a large volume of ancient scriptures like Vedas and Puranas which contain many astronomical descriptions as in ancient India positional astronomy was well developed. The antiquities of these texts are determined through archaeoastronomical techniques. Major events like Mahabharata War are dated and using these dates a chronology of ancient India is determined. The astronomically determined chronology is compared with the results from various archaeological, palaeoclimatological, geological and genealogical investigations of ancient India. This introductory book interests readers interested in unveiling the mystery involved with the protohistory of this ancient civilization.

This volume presents select papers from the Asian Conference on Mechanism and Machine Science 2018. This conference includes contributions from both academic and industry researchers and will be of interest to scientists and students working in the field of mechanism and machine science.

While writing the book, we have continuously kept in mind the examination requirements of the students preparing for U.P.S.C.(Engg. Services) and A.M.I.E.(I) examinations. In order to make this volume more useful for them, complete solutions of their examination papers up to 1975 have also been included. Every care has been taken to make this treatise as self-explanatory as possible. The subject matter has been amply illustrated by incorporating a good number of solved, unsolved and well graded examples of almost every variety.

This book is intended to serve as a text on dynamics for undergraduate students of engineering. The book provides in-depth discussions of the fundamentals of Newtonian mechanics, more commonly known as dynamics. Drawing on the author's extensive experience in teaching the subject of dynamics at two Indian Institutes of Technology (IITs) and the Indian Institute of Engineering Science and Technology (IEST), the book contains 498 line diagrams, 123 worked-out examples and 222 exercise problems. The answers to select exercise problems are provided at the end of the book. A wealth of detailed illustrations make the book ideally suited for both self-study and classroom use at both introductory and secondary levels. Thus the book offers a valuable resource for both students and teachers of dynamics, addressing the main topics covered in core level courses on 'Dynamics' for students of civil, mechanical and aerospace engineering across the globe.

Introduction to Dynamics

Recipes and Reminiscences from India's Eastern Hills

Mechanism and Machine Science

Amitav Ghosh

SPICED, SMOKED, PICKLED, PRESERVED

An Introduction

An artist? A dreamer? A rebel? Who exactly was Amrita Sher-Gil? She was a little bit of all these things, really. Amrita grew up with a great sense of mischief and adventure in two very different worlds, in a village near Budapest, Hungary, and among the cool, green hills of colonial Simla. She defied headmistresses, teachers, art critics and royalty to make her own determined way in the world of grown-ups and art. Join her on a journey through her life, a journey that takes her family through World Wars and political turmoil as they travel in pursuit of love, a home and a modern, artistic education for Amrita!

This book retraces the socio-political background of 19th and 20th-century South Africa, highlighting the importance of Mohandas Gandhi's actions in South Africa. On the longlist of the Vodafone Crossword Book Award 2010.

The field of additive manufacturing has seen explosive growth in recent years due largely in part to renewed interest from the manufacturing sector. Conceptually, additive manufacturing, or industrial 3D printing, is a way to build parts without using any part-specific tooling or dies from the computer-aided design (CAD) file of the part. Today, most engineered devices are 3D printed first to check their shape, size, and functionality before large-scale production. In addition, as the cost of 3D printers has come down significantly, and the printers' reliability and part quality have improved, schools and universities have been investing in 3D printers to experience, explore, and innovate with these fascinating additive manufacturing technologies. Additive Manufacturing highlights the latest advancements in 3D printing and additive manufacturing technologies. Focusing on additive manufacturing applications rather than on core 3D printing technologies, this book: Introduces various additive manufacturing technologies based on their utilization in different classes of materials Discusses important application areas of additive manufacturing, including medicine, education, and the space industry Explores regulatory challenges associated with the emergence of additive manufacturing as a mature technological platform By showing how 3D printing and additive manufacturing technologies are currently used, Additive Manufacturing not only provides a valuable reference for veteran researchers and those entering this exciting field, but also encourages innovation in future additive manufacturing applications.

This is the revised edition of the book with new chapters to incorporate the latest developments in the field. It contains approx. 200 problems from various competitive examinations (GATE, IES, IAS) have been included. The author does hope that with this, the utility of the book will be further enhanced.

Manufacturing Science

Infrastructure, Irish Modernism, and the Postcolonial

CASTING TECHNOLOGY AND CAST ALLOYS

The Circle of Reason

A Textbook of Production Engineering

The Satapur Moonstone

In this ambitious successor to *The Great Derangement*, acclaimed writer Amitav Ghosh finds the origins of our contemporary climate crisis in Western colonialism's violent exploitation of human life and the natural environment. A powerful work of history, essay, testimony, and polemic, Amitav Ghosh's new book traces our contemporary planetary crisis back to the discovery of the New World and the sea route to the Indian Ocean. *The Nutmeg's Curse* argues that the dynamics of climate change today are rooted in a centuries-old geopolitical order constructed by Western colonialism. At the center of Ghosh's narrative is the now-ubiquitous spice nutmeg. The history of the nutmeg is one of conquest and exploitation—of both human life and the natural environment. In Ghosh's hands, the story of the nutmeg becomes a parable for our environmental crisis, revealing the ways human history has always been entangled with earthly materials such as spices, tea, sugarcane, opium, and fossil fuels. Our crisis, he shows, is ultimately the result of a mechanistic view of the earth, where nature exists only as a resource for humans to use for our own ends, rather than a force of its own, full of agency and meaning. Writing against the backdrop of the global pandemic and the Black Lives Matter protests, Ghosh frames these historical stories in a way that connects our shared colonial histories with the deep inequality we see around us today. By interweaving discussions on everything from the global history of the oil trade to the migrant crisis and the animist spirituality of Indigenous communities around the world, *The Nutmeg's Curse* offers a sharp critique of Western society and speaks to the profoundly remarkable ways in which human history is shaped by non-human forces.

**About the Book:** This book is an attempt to consolidate the basic scientific studies in the machining area so that fundamental mechanics and other concepts related to primary machining processes could be understood. The book is essentially designed for senior undergraduate mechanical and production engineering students but practicing engineers will also find it useful for tool and product design. The topics covered include plastic deformation, chip formation, tool geometry, mechanics of orthogonal and oblique cutting, measurement of cutting force, cutting temperature, tool wear and tool life, economics of machining, grinding of metals and machining vibrations. The analyses presented have been illustrated through numerical examples. Review questions and bibliography are also included. **About the Author:** Dr. G.K. Lal has been associated with the Indian Institute of Technology, Kanpur for the past 34 years. He retired as a Professor of Mechanical Engineering in 2003 and had earlier held the positions of Dean

(1976-80) and Deputy Director (1982-88). Before joining IIT Kanpur he had taught at the Banaras Hindu University and held research positions at the University of Sherbrooke (Canada) and the Carnegie-Mellon University (USA). He also worked as a Design Engineer with the Abitibi Paper and Power Corp. of Canada. "A brilliant, revisionist argument that places oil companies at the heart of 20th century history—and of the political and environmental crises we now face." —Guardian Oil is a curse, it is often said, that condemns the countries producing it to an existence defined by war, corruption and enormous inequality. Carbon Democracy tells a more complex story, arguing that no nation escapes the political consequences of our collective dependence on oil. It shapes the body politic both in regions such as the Middle East, which rely upon revenues from oil production, and in the places that have the greatest demand for energy. Timothy Mitchell begins with the history of coal power to tell a radical new story about the rise of democracy. Coal was a source of energy so open to disruption that oligarchies in the West became vulnerable for the first time to mass demands for democracy. In the mid-twentieth century, however, the development of cheap and abundant energy from oil, most notably from the Middle East, offered a means to reduce this vulnerability to democratic pressures. The abundance of oil made it possible for the first time in history to reorganize political life around the management of something now called "the economy" and the promise of its infinite growth. The politics of the West became dependent on an undemocratic Middle East. In the twenty-first century, the oil-based forms of modern democratic politics have become unsustainable. Foreign intervention and military rule are faltering in the Middle East, while governments everywhere appear incapable of addressing the crises that threaten to end the age of carbon democracy—the disappearance of cheap energy and the carbon-fuelled collapse of the ecological order. In making the production of energy the central force shaping the democratic age, Carbon Democracy rethinks the history of energy, the politics of nature, the theory of democracy, and the place of the Middle East in our common world.

This Is A Comprehensive Book Meeting Complete Requirements Of Engineering Mechanics Course Of Undergraduate Syllabus. Emphasis Has Been Laid On Drawing Correct Free Body Diagrams And Then Applying Laws Of Mechanics. Standard Notations Are Used Throughout And Important Points Are Stressed. All Problems Are Solved Systematically, So That The Correct Method Of Answering Is Illustrated Clearly. Care Has Been Taken To See That Students Learn The Methods Which Help Them Not Only In This Course, But Also In The Connected Courses Of Higher Classes. The Dynamics Part Is Split In To Sufficient Number Of Chapters To Clearly Illustrate Linear Motion To General Plane Motion. A Chapter On Shear Force And Bending Moment Diagrams Is Added At The End To Coyer The Syllabi Of Various Universities. All These Feature Make This Book A Self-Sufficient And A Good Text Book.

Conceptual Evolution of Newtonian and Relativistic Mechanics

Introduction to Machining Science

Flood of Fire

Parables for a Planet in Crisis

Literatures of the Environment

Calcutta Chromosome: A Novel (PB)

Traditional education revolves around the teaching of technical skills, especially within STEM fields. However, soft skills--broadly, communication and intrapersonal skills--are essential within all fields, especially those frequently involving research and collaboration. However, the focus on teaching students to be adept communicators and team members remains woefully underdeveloped. Innovations and Technologies for Soft Skill Development and Learning is a pivotal reference source that explores the mental and psychological growth of individual learners at different stages of education concerning soft skills and the need for innovation and creativity to lead a successful career. Highlighting topics including higher education, emotional intelligence, and student behavior, this book is ideally designed for educators, curriculum developers, instructional designers, administrators, policymakers, academicians, researchers, and students.

Manufacturing Science, 2/e Manufacturing Science Theory of Mechanisms and Machines The Nutmeg's

Curse Parables for a Planet in Crisis University of Chicago Press

The highly anticipated follow-up to the critically acclaimed novel *The Widows of Malabar Hill*. India, 1922: It is rainy season in the lush, remote Sahyadri mountains, where the princely state of Satapur is tucked away. A curse seems to have fallen upon Satapur's royal family, whose maharaja died of a sudden illness shortly before his teenage son was struck down in a tragic hunting accident. The state is now ruled by an agent of the British Raj on behalf of Satapur's two maharanis, the dowager queen and her daughter-in-law. The royal ladies are in a dispute over the education of the young crown prince, and a lawyer's counsel is required. However, the maharanis live in purdah and do not speak to men. Just one person can help them: Perveen Mistry, Bombay's only female lawyer. Perveen is determined to bring peace to the royal house and make a sound recommendation for the young prince's future, but she arrives to find that the Satapur palace is full of cold-blooded power plays and ancient vendettas. Too late, she realizes she has walked into a trap. But whose? And how can she protect the royal children from the palace's deadly curse?

Amitav Ghosh is an authoritative critical introduction to the fictional and non-fictional writings of one of the most celebrated and significant literary voices to have emerged from India in recent decades. It is the first full-length study of Amitav Ghosh's work to be available outside India. Encompassing all of Ghosh's fictional and non-fictional writings to date, this book takes a thematic approach which enables in-depth analysis of the cluster of themes, ideas and issues that Ghosh has steadily built up into a substantial intellectual project. This project overlaps significantly with

many of the key debates in postcolonial studies making this book both an introduction to Ghosh's writing and a contribution to the development of ideas on the 'postcolonial', in particular, its relation to postmodernism. Aimed at students and the general reader, this book is an ideal introduction to one of contemporary literature's most fascinating writers.

The Girmitiya Saga

Donkeys, Essays, and Other Pandemoniums

Amrita Sher-Gil

Manufacturing Science, 2/e

Postcolonial Ecologies

MANUFACTURING PROCESSES

***Machine design is one of the important subjects in mechanical engineering and a thorough knowledge of the design aspects of machine elements is essential for all design engineers. Working out the design of a machine as a whole, or its components, usually involves the use of several formulae, graphs, standard tables and other relevant data. Availability of all such information in one handbook not only eliminates the unnecessary task of remembering the required formulae and equations, but also helps design engineers to solve the problems in machine design quickly and efficiently. This handbook has been prepared keeping these basics in mind. References have been made to several standard textbooks on machine design while compiling the data of this book. In the preparation of the fourth edition, most of the chapters and topics have been upgraded and improved by adding additional information on current design.***

***The Multicolor Edition Has Been thoroughly revised and brought up-to-date. Multicolor pictures have been added to enhance the content value and to give the students and idea of what he will be dealing in reality, and to bridge the gap between theory and Practice.***

***From Victorian India to near-future New York, The Calcutta Chromosome takes readers on a wondrous journey through time as a computer programmer trapped in a mind-numbing job hits upon a curious item that will forever change his life. When Antar discovers the battered I.D. card of a long-lost acquaintance, he is suddenly drawn into a spellbinding adventure across centuries and around the globe, into the strange life of L. Murugan, a man obsessed with the medical history of malaria, and into a magnificently complex world where conspiracy***

***hangs in the air like mosquitoes on a summer night.  
The Science of Global Warming and Our Energy Future***

***The Nutmeg's Curse  
An Inquiry Into the Nature and Causes of the Wealth of Nations***