

**BITS PILANI – HYDERABAD
CAMPUS LIBRARY
Fortnightly New-Book Display - 05
(29 Sep – 12 Oct, 2025)**

BITS Pilani
Hyderabad Campus

Practical Handbook of **MACHINE LEARNING**

Best suited for Software Professionals/College Students

Exclusive Offer

Get access to online **Full Length Video Lectures** by the authors through a **Scratch Code** inside the book



Sujit Bhattacharyya | Subhrajit Bhattacharya



Acc. No : 49168

Call No : 005.133 BHA-S

This book provides a hands-on approach with live examples of machine learning written for engineers, college students in their second or third year, as well as for professionals and faculty members who want to learn this exciting field on their own. The book focuses on explaining the concepts of machine learning, which are crucial in various applications. Some theoretical aspects are covered to provide sufficient intuition on how machine learning works, but without too much detail, which can overwhelm a first-time student. A comprehensive approach to Machine Learning makes the book accessible to self-learning faculty members, professionals, and college students. Numerous practical tips and Appendices on Basic Maths and Python Programming. Step-by-step hands-on exercises to help...



GENERATIVE ADVERSARIAL NETWORKS IN PRACTICE

Mehdi Ghayoumi

 **CRC Press**
Taylor & Francis Group
A CHAPMAN & HALL BOOK

Acc. No : 49592

Call No : 006.32 GHA-M

This book is an all-inclusive resource that provides a solid foundation on Generative Adversarial Networks methodologies, their application to real-world projects, and their underlying mathematical and theoretical concepts. Guides you through the complex world of GANs, demystifying their intricacies. Accompanies your learning journey with real-world examples and practical applications. Navigates the theory behind GANs, presenting it in an accessible and comprehensive way. Simplifies the implementation of GANs using popular deep learning platforms. Introduces various GAN architectures, giving readers a broad view of their applications. Nurture your knowledge of AI with our comprehensive yet accessible content. Practice your skills with numerous case studies and coding...



THE DECISIVE MIND

How to Make the Right
Choice Every Time

SHEHERYAR BANURI

Acc. No : 49278

Call No : 153.83 BAN-S

Have you ever set yourself a goal but struggled to achieve it? In a world overflowing with choices and distractions, indecision can be paralyzing. It can lead to missed opportunities, stress, and even damaged relationships. In *The Decisive Mind*, decision-making expert Professor Sheheryar Banuri provides a new framework to choose the life you want, one decision at a time. Using real-world examples and his groundbreaking research, Professor Banuri shows how even the smallest decisions have a profound impact on our lives. By understanding and streamlining your own process of decision-making, you will be able to make simple, effective, and efficient choices to help you edge closer to your aspirations and achieve your goals. From big, life-altering choices to the everyday decisions that shape...

FROM THE BESTSELLING AUTHOR OF DO IT TODAY

FOCUS ON WHAT MATTERS

A collection of stoic letters on living well



DARIUS FOROUX



Acc. No : 49342

Call No : 170 FOR-D

Why is it so hard to live well amidst the chaos and noise? While you might think this is a problem of the modern world, it's a timeless issue. 2000 years ago, the ancient Stoics talked about the exact same challenges we're facing today, like, How can we find inner peace? What does it take to be happy? Can we become more resilient? The answers can be found in the philosophy of Stoicism. I've used the philosophy since 2014 to change my life and career. Focus on What Matters is a collection of 70 letters/essays I wrote about different aspects of life, from happiness, wealth, health, to relationships, and much more. These letters, inspired by the original works of the Stoic philosopher Seneca, serve as reminders to focus on the right things in our chaotic lives. The goal of the original Letters from A Stoic by...



THE 7 DAY CHAKRA PATH

Daily Energy Work to Balance Your Life

SHAI TUBALI

For sale in the India Subcontinent only



Acc. No : 48282

Call No : 294.543 TUB-S

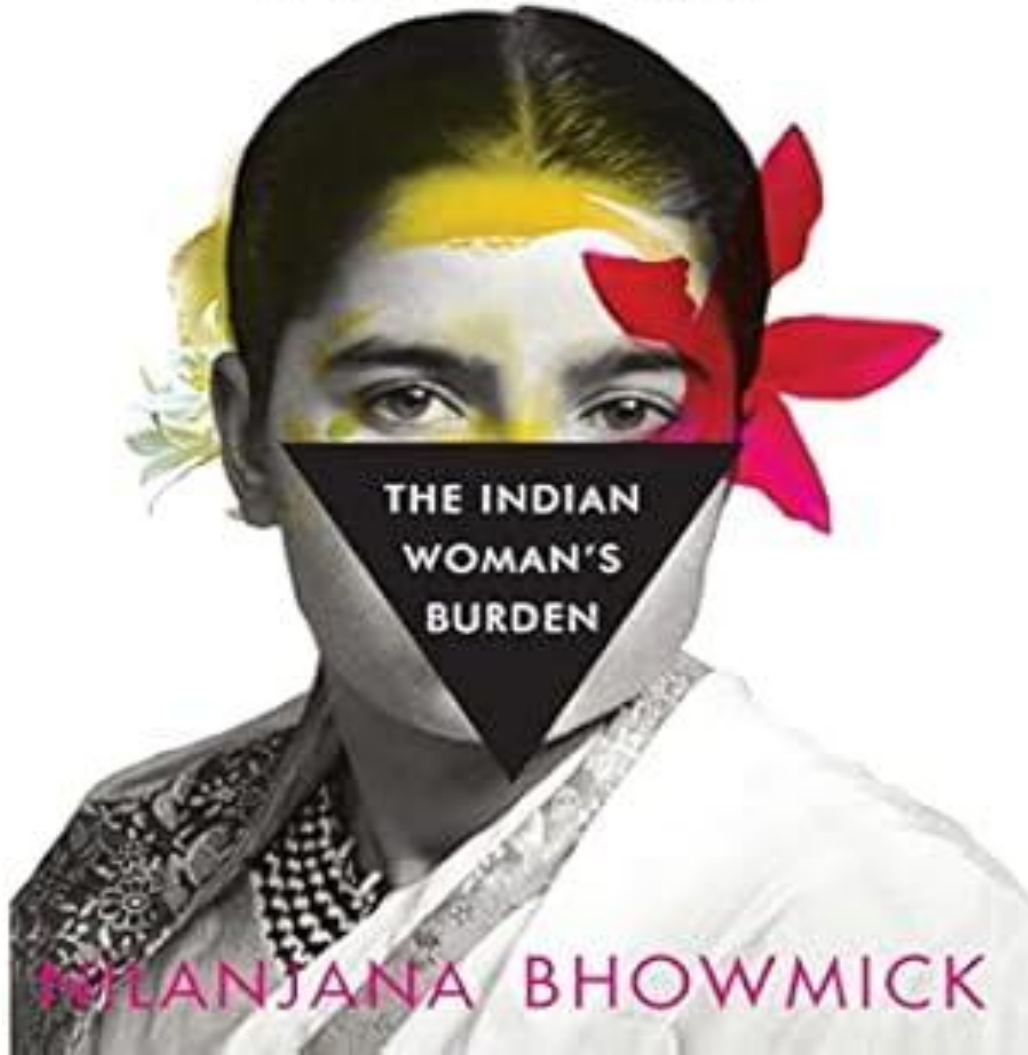
Daily Energy Work to Balance Your Life. The Ultimate Chakra Practice to Center Your Life. This innovative book presents an easy-to-use, step-by-step chakra method that helps you integrate energy work into your daily lifestyle. Assigning one chakra to each day of the week, the 7 Day Chakra Path makes it simple to focus your intentions, awaken your energy centers, and reach your goals. Join Shai Tubali on a rich, multicolored journey into the wisdom of the chakras. He shares meditations, affirmations, exercises, journal prompts, and visualizations, all of them specially designed to help you fully awaken your body and mind. Explore the chakras individually as well as how they work together. Discover what your chakra personality type is and what practices empower your days. This enlightening book...

LIES OUR MOTHERS TOLD US



Acc. No : 49715

Call No : 305.40954 BHO-N



Savitribai Phule, Mahasweta Devi, Amrita Pritam, Medha Patkar, Kamla Bhasin, and countless others have, since the nineteenth century, fought for and won equal rights for Indian women in a variety of areas universal suffrage, inheritance and property rights, equal remuneration, prevention of sexual harassment at the workplace, and others. Pioneering feminists believed that due to these hard-won rights, their daughters and granddaughters would have the opportunity to have rewarding careers, participate in the social and political growth of the country, gain economic independence, and become equal partners in their marriages. On paper, it would appear that a lot of Indian women in the twenty-first century have vastly improved, but, in reality, the demands of capitalism and the persistence...



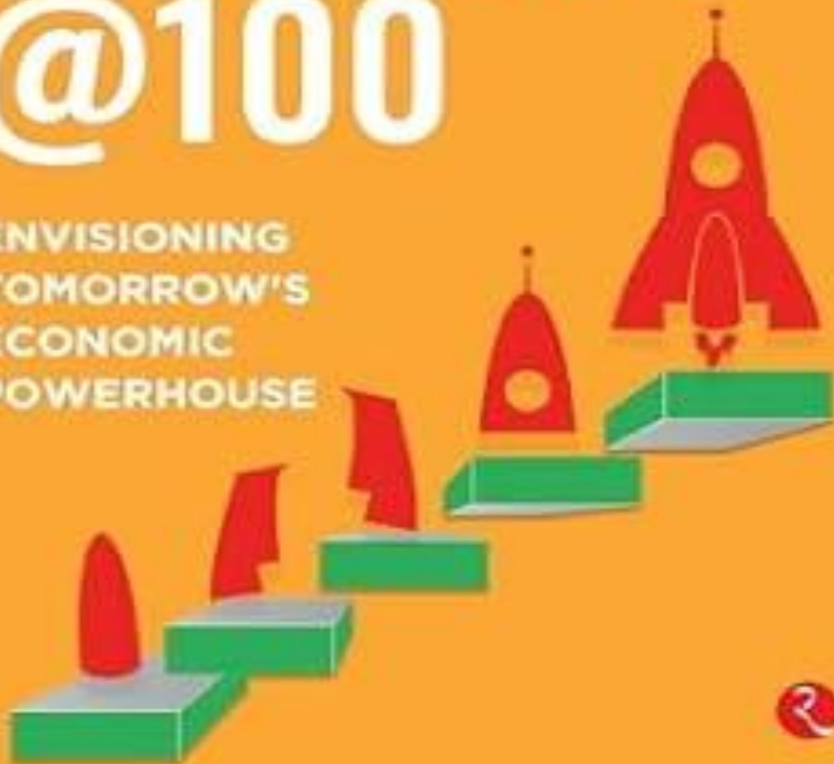
Acc. No : 49598
Call No : 330 HER-A

Heterodox economics can provide a more complete and robust explanation of economic realities than orthodox or mainstream economics. Contemporary Issues in Heterodox Economics, Implications for Theory and Policy Action argues that this greater explanatory power gives heterodox economics the ability to illuminate appropriate policy for the major crises of our time, as well as proffer the basis for a more rounded, pluralist approach to economic theory. The chapters in this wide-ranging volume address some of the key issues facing the global economy, including the growing disparity of income/wealth between persons and economic areas, environmental degradation, issues associated with employment, and the regularity of economic and financial crises. The authors examine potential policy...

KRISHNAMURTHY
SUBRAMANIAN

INDIA @100

ENVISIONING
TOMORROW'S
ECONOMIC
POWERHOUSE



Acc. No : 49400

Call No : 330.954 SUB-K

A \$55 trillion Indian economy rivalling the world's largest in 2047, when India celebrates its centennial audacious or achievable? In India@100, Envisioning Tomorrow's Economic Powerhouse, Krishnamurthy Subramanian explores this once-in-several-centuries opportunity knocking on India's doors. With a bold vision grounded in Indian realities, India@100 argues compellingly that India is at an inflection point that cannot be ignored. The country can grow at 8 per cent annually by reforming the economy zealously and doubling down on the sound policies implemented post-2014. Since 2007, when its GDP per capita was equal to India's current level, China has exploited its demographic dividend to grow at about 8 percent for about two decades. Similar growth for the next two...



Circular and Transformative Economy

Advances towards Sustainable Socio-economic Transformation

EDITED BY

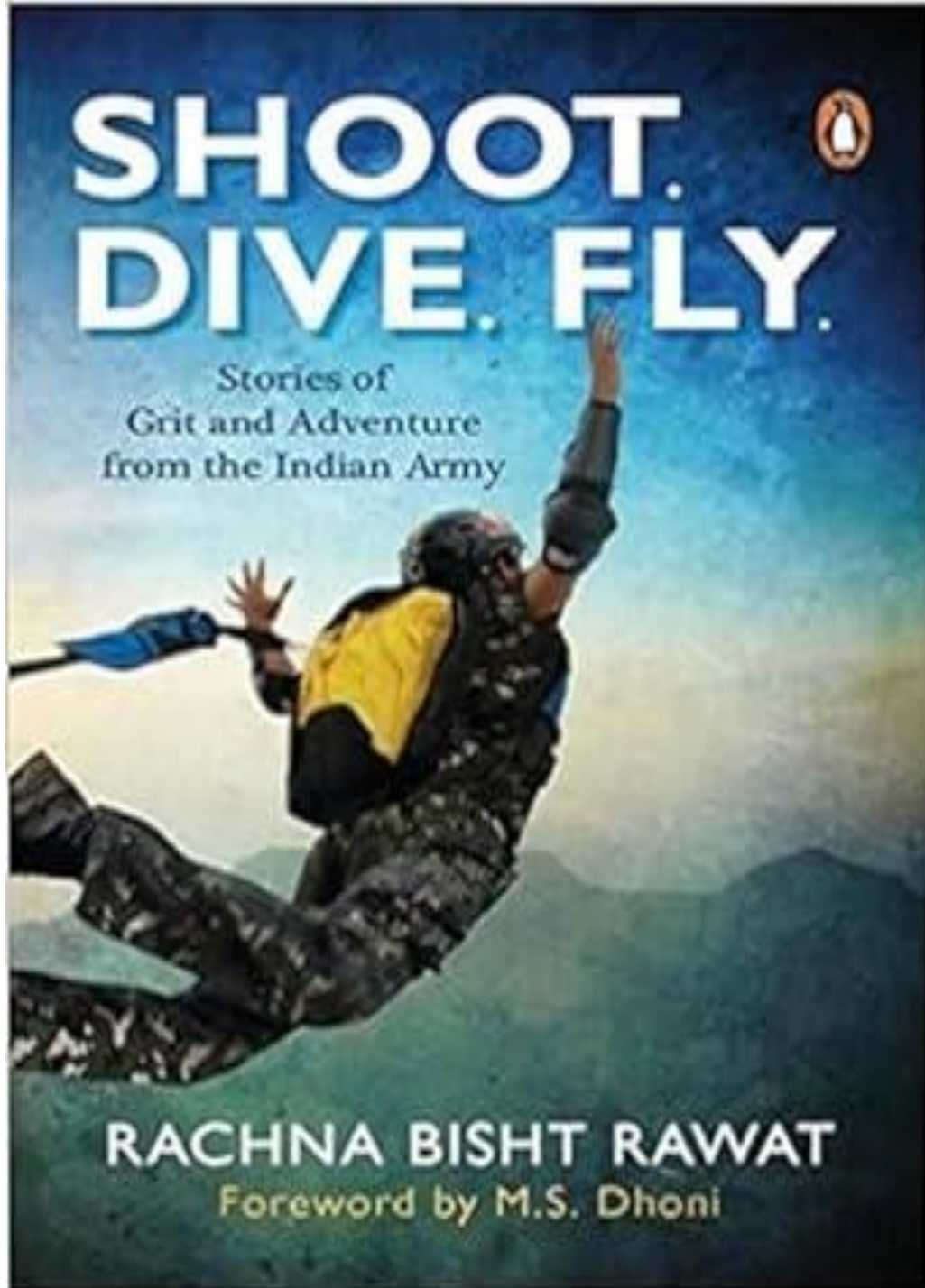
Luxon Nhamo, Sylvester Mpandeli,
Stanley Liphadzi and Tafadzwanashe Mabhaudhi



Acc. No : 49618

Call No : 338.927 NHA-L

The main aim of this book is to illustrate circular models for sustainable resource management. It highlights the benefits of transformative approaches in integrating, simplifying, and facilitating the understanding of complex systems and transforming systems towards greater sustainability while achieving multiple social, economic, and environmental outcomes. It provides pathways towards strategic policy decisions on socio-economic transformation supported by case studies. Discusses exploration of a transitional path to the circular economy, explored from the point of view of waste and technology. Explains transformational change towards sustainable socio-ecological interactions. Reviews provide pathways towards sustainability through scenario development. Provides assessment...



Acc. No : 49322

Call No : 355.10954 RAW-R

Learn all about an exceptional way of life shoot drive fly, aims to introduce teenagers to the armed forces and tell them about the perils, the rigours and the challenges, and the perks, the thrill, and the adventure of a career in uniform. Ballroom dancing, flying fighter planes, detonating bombs, skinning and eating snakes in times of dire need, and everything else in between, there's nothing our officers can't do. Read twenty-one nail-biting stories of daring. Hear from some amazing men and women about what the forces have taught them and decide if the olive green uniform is what you want to wear too. This book will help bust the false belief that an Army officer is a man with a gun who lives on the borders of the country, cut off from the rest of civilization, waiting for a war to begin, which might...



The Age of Reason

Being an Investigation of
True and Fabulous Theology



Thomas Paine



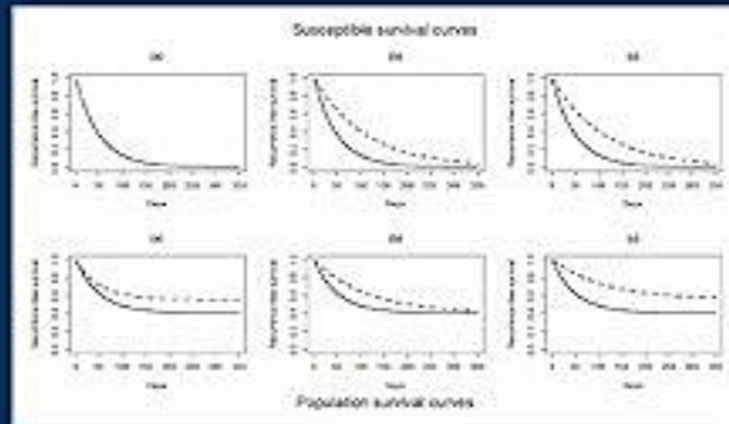
Acc. No : 49435

Call No : 509 PAI-T

Challenging the institutionalized religion and legitimacy of the Bible, *The Age of Reason* was Paine's years of study and reflection on the role of religion in society. His arguments had long been available to the educated elite, but by presenting them in an engaging and irreverent style, he made deism appealing and accessible to the masses. Originally distributed as unbound pamphlets, the book was cheap in order to put it within the reach of a large number of buyers. Fearing the spread of what were potentially revolutionary ideas, the British government prosecuted printers and booksellers who were associated with its publication and reach. However, even through that, *The Age of Reason* surpassed the boundaries of the religious agendas throughout the world at the dawn...



Advanced Survival Models



Catherine Legrand



A CHAPMAN & HALL BOOK

Acc. No : 49564

Call No : 519.5 LEG-C

Survival data analysis is a very broad field of statistics, encompassing a large variety of methods used in a wide range of applications, and in particular in medical research. During the last twenty years, several extensions of classical survival models have been developed to address particular situations often encountered in practice. This book aims to gather in a single reference the most commonly used extensions, such as frailty models in case of unobserved heterogeneity or clustered data, cure models when a fraction of the population will not experience the event of interest, competing risk models in case of different types of event, and joint survival models for a time-to-event endpoint and a longitudinal outcome. Presents state-of-the-art approaches for different advanced...

Rapid Review of Chemistry for the Life Sciences and Engineering

With Select Applications

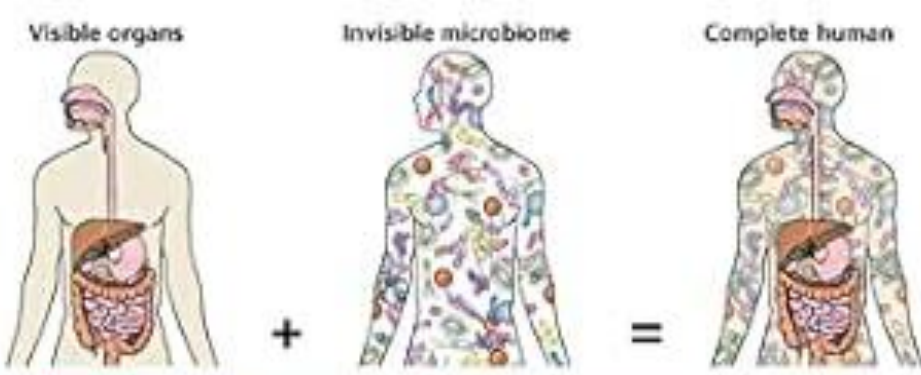
Armen S. Casparian
Gergely Sirakman
Ann O. Omollo



Acc. No : 49581

Call No : 540 CAS-A

Designed to demystify chemistry for the non-chemist, **Rapid Review of Chemistry for the Life Sciences and Engineering** is a useful reference manual for life scientists and engineers, who may have forgotten a formula, principle, or concept from the college chemistry taken a few years ago. With over 100 solved examples, from balancing chemical reactions, doing stoichiometry, and understanding nomenclature rules in both organic and inorganic chemistry, to calculating half-lives in kinetics or radioactive decay schemes, understanding colligative properties of solutions, and interpreting toxicities of hazardous materials, this book is intended to make reviewing and understanding chemistry much clearer and easier. Relevant diagrams are in color, and solved examples are organized by...



Microbiomes and Their Functions

Why Organisms Need Microbes

Vasu D. Appanna



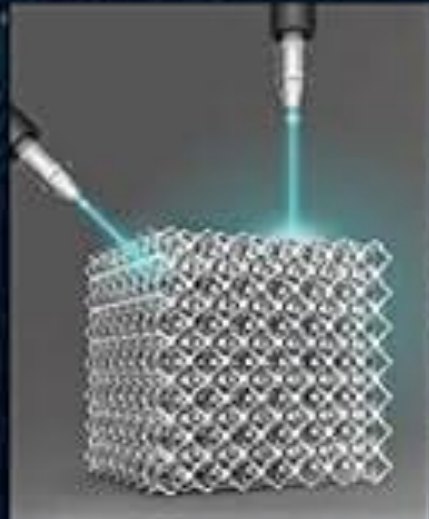
Acc. No : 49596

Call No : 579.17 APP-V

This book provides a fundamental understanding of the importance of the microbiome in the life of virtually all multicellular organisms. It explains why microbes are an integral part of living organisms and describes the diverse roles they perform for their hosts. Although the significance of modified bacteria, such as the mitochondria and chloroplasts, is deeply rooted in the evolution of all complex organisms, it is only recently that the contribution of microbial partners within and on their hosts is becoming fully evident. These communities of microbes are as essential to organisms as are the visible organs. Microbiomes are indeed invisible organs. They participate in the digestive process, assist in communication networks, supply essential nutrients, guard against foreign intrusion...



MATERIALS DEVELOPMENT AND PROCESSING FOR BIOMEDICAL APPLICATIONS



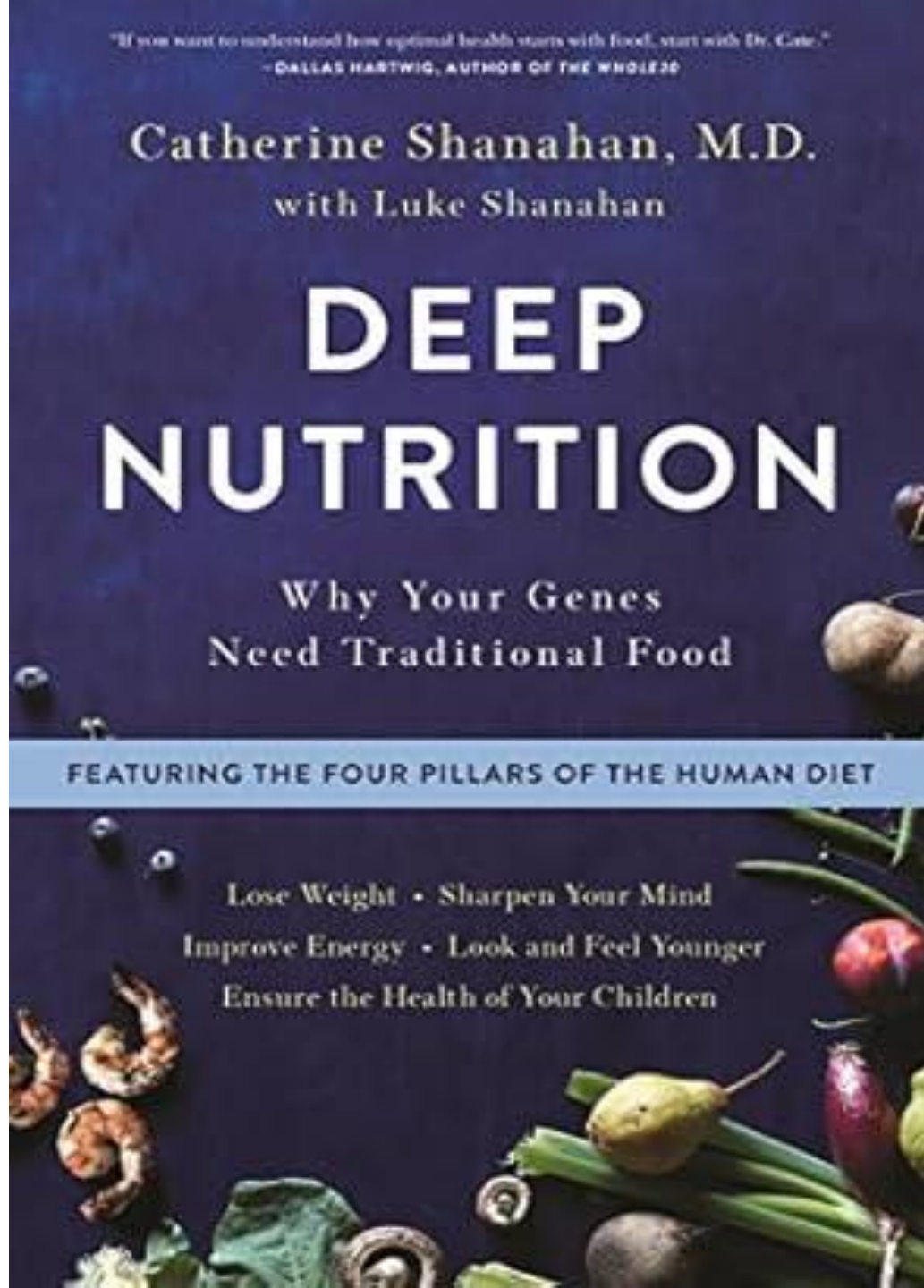
EDITED BY
SAVAŞ KAYA, SASIKUMAR YESUDASS,
SRINIVASAN ARTHANARI, SIVAKUMAR BOSE,
GONCAGÜL SERDAROĞLU



Acc. No : 49629

Call No : 610.28 KAY-S

Materials Development and Processing for Biomedical Applications focuses on various methods of manufacturing, surface modifications, and advancements in biomedical applications. This book examines in detail five different aspects, including materials properties, development, processing, surface coatings, future perspectives, and fabrication of advanced biomedical devices. Fundamental aspects are discussed to better understand the processing of various biomedical materials such as metals, ceramics, polymers, composites, etc. A wide range of surface treatments is covered in this book, which will be helpful for the readers to understand the importance of surface treatments and their future perspectives. Examines various properties of biomedical materials at the...



Acc. No : 49720

Call No : 613.2 SHA-C

One of the best health and wellness books of 2017 Sports Illustrated a self-published phenomenon examining the habits that kept our ancestors disease-free, now with a prescriptive plan for “the human diet” to help us all live long, vital, healthy lives. Physician and biochemist Catherine Shanahan, M.D. examined diets around the world known to help people live longer, healthier lives diets like the Mediterranean, Okinawa and blue zone and identified the four common nutritional habits, developed over millennia, that unfailingly produce strong, healthy, intelligent children and active, vital elders, generation after generation. These four nutritional strategies, fresh food, fermented and sprouted foods, meat cooked on the bone, and organ meats form the basis of what Dr. Ficate calls the...



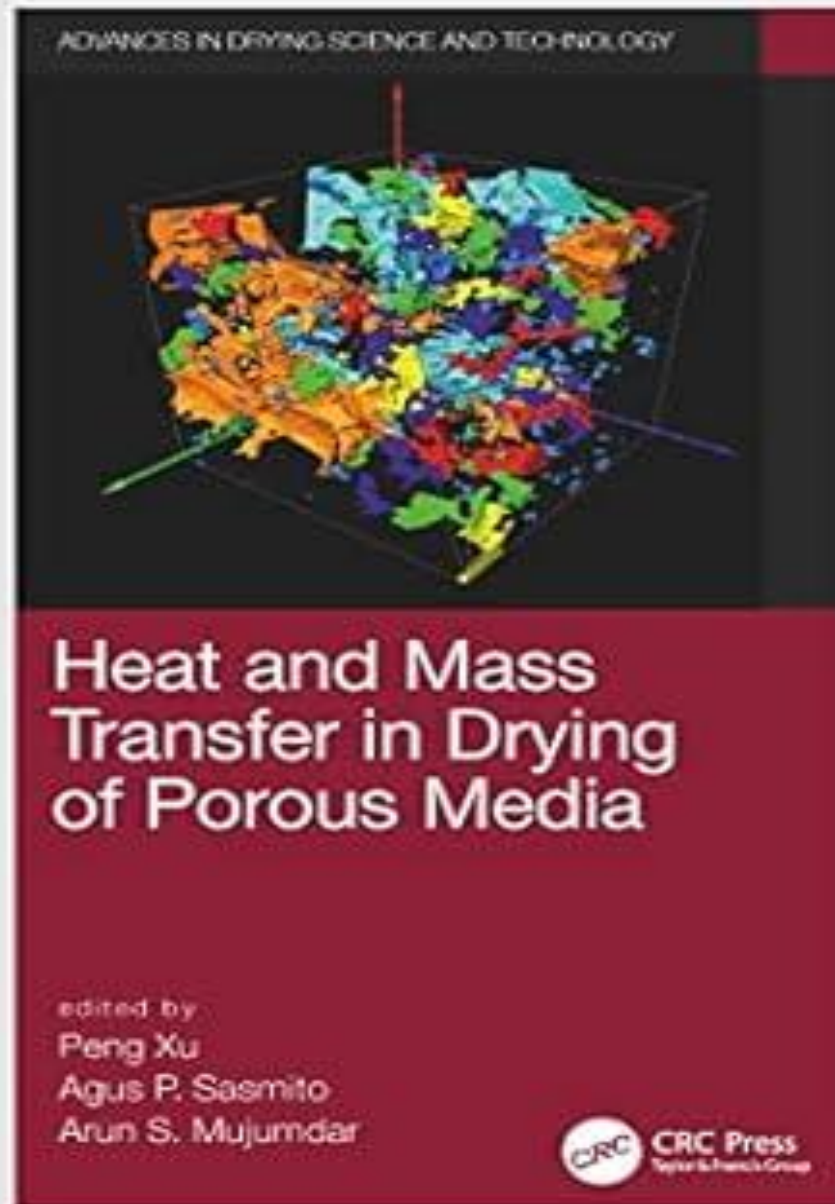
SEAWATER IN CONCRETE MIX

Hidenori Hamada
Nobuaki Otsuki
Takahiro Nishida

Acc. No : 49595

Call No : 620.136 HAM-H

In the near future, many parts of the world will suffer from a shortage of freshwater. Effective use of seawater in concrete production could therefore become a crucial technology. Seawater in Concrete Mix provides a detailed overview of the fundamental knowledge of concrete engineering that is essential for the usage of seawater-mixed concrete. According to the worldwide standard for reinforced concrete, freshwater is typically used in concrete mixing rather than seawater. Yet, a potential exists for the extensive use of seawater in concrete, especially with the addition of ground granulated blast-furnace slag, fly ash, or other mineral admixtures. The recent trend toward performance-based design makes this alternative more viable. The text is ideal for graduate students, researchers, and...



Acc. No : 49647

Call No : 621.4022 XU-P

Heat and Mass Transfer in Drying of Porous Media offers a comprehensive review of heat and mass transfer phenomena and mechanisms in the drying of porous materials. It covers pore-scale and macro-scale models, includes various drying technologies, and discusses the drying dynamics of fibrous porous material, colloidal porous media, and size-distributed particle systems. Providing guidelines for mathematical modeling and design as well as optimization of drying of porous material, this reference offers useful information for researchers and students as well as engineers in drying technology, food processes, applied energy, mechanical, and chemical engineering. Discusses the Multiphysics and multiscale mathematical models used in drying processes and porous materials to help understand...



EMERGING MATERIALS AND TECHNOLOGIES

ADVANCED MATERIALS FOR WASTEWATER TREATMENT AND DESALINATION

Fundamentals to Applications

EDITED BY

Ahmad Fauzi Ismail • Pei Sean Goh
Hasrinah Hasbullah • Farhana Aziz



CRC Press
Taylor & Francis Group



Acc. No : 49590

Call No : 628.3 ISM-A

Advanced Materials for Wastewater Treatment and Desalination: Fundamentals to Applications offers a comprehensive overview of current progress in the development of advanced materials used in wastewater treatment and desalination. The book is divided into two major sections, covering both fundamentals and applications. Describes the synthesis and modification of advanced materials, including metal oxides, carbonaceous materials, perovskite-based materials, polymer-based materials, and advanced nanocomposites. Examines relevant synthesis routes and mechanisms as well as correlates materials' properties with their characterization. Details new fabrication techniques, including green synthesis, solvent-free, and energy-saving synthesis approaches...

BRIAN TRACY

TAKE CHARGE OF YOUR LIFE

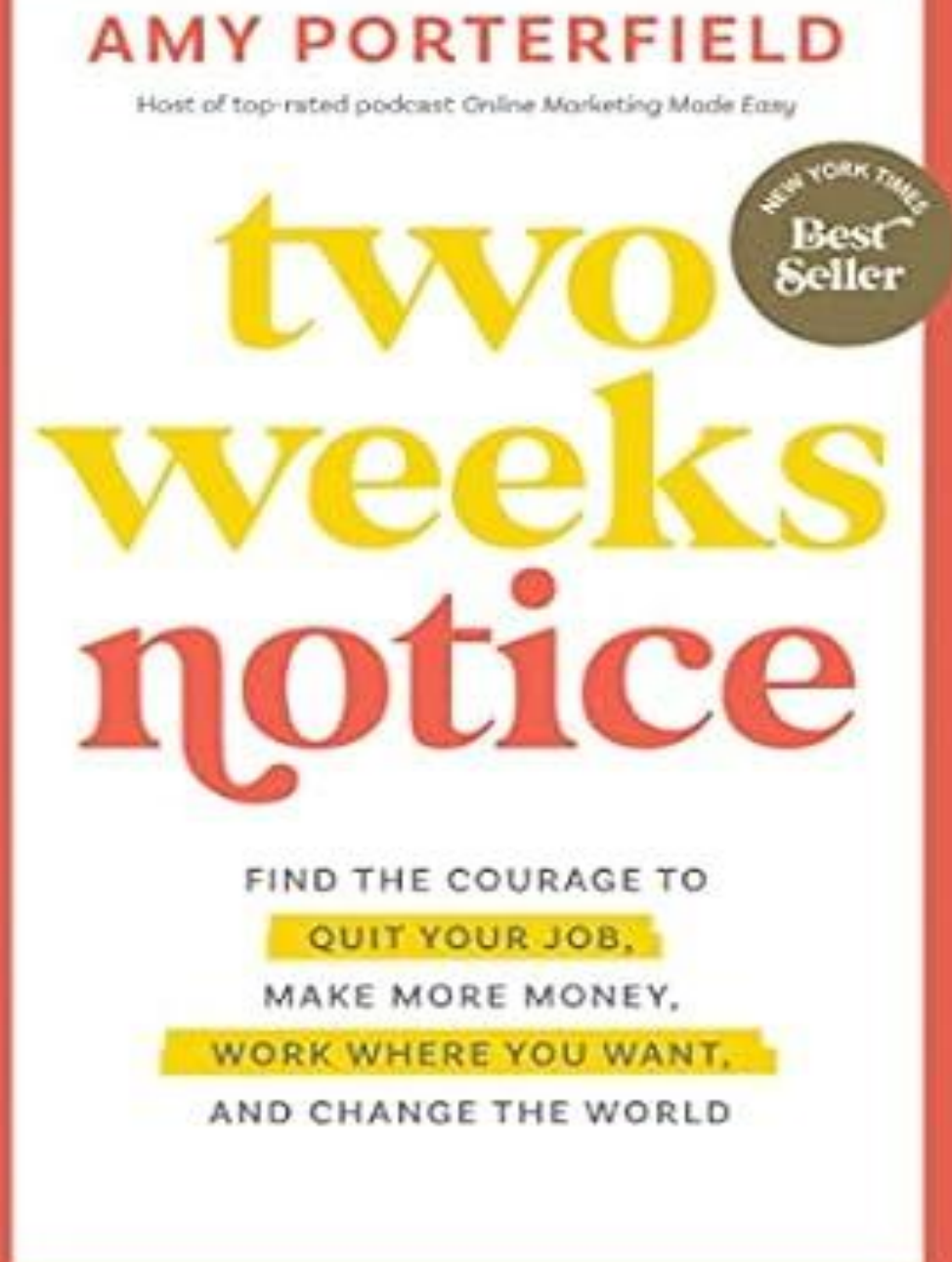
12 MASTER SKILLS FOR SUCCESS



Acc. No : 49237

Call No : 650.14 TRA-B

Brian Tracy will teach you the attitudes, mindset, and most importantly, the specific skills that will enable you to overcome any forces that others perceive may hold them back, whether it be your education level, current income level, gender, or socio-economic background. One of the hallmarks of Brian Tracy's philosophy is that you are 100% responsible for the results in your life. While Brian Tracy has discussed this philosophy since the 1980s, it is increasingly out of place in our current cultural moment. Today, numerous voices are telling you that any of your struggles or challenges are due to other people or societal conditions that are beyond your control. But, as you'll read in this life-changing book, the philosophy of complaint and blaming others is ultimately a dead-end path that leads to despair...



Acc. No : 48601

Call No : 658.11 POR-A

A step-by-step guide to create more balance, gain financial freedom, and create a life and business you love. If your heart is telling you that it's time to leave that 9-to-5 behind, or you feel alive every time you work on your side hustle, or you're fed up with building someone else's dreams, it is time to give your two weeks' notice. But you will need an experienced guide to give you the roadmap to turn this world of possibility into a reality. From corporate underling to multimillion-dollar entrepreneur, Amy Porterfield, host of the podcast Online Marketing Made Easy, has been there, done that. Her clear, step-by-step, and actionable guidance will help you to tackle paralyzing self-doubt and that not-enoughness feeling. find the courage to take action, even without confidence. get started...

Polymetallic Coatings to Control Biofouling in Pipelines

Challenges and Potential



Vinita Vishwakarma, Dawn S S, K. Gobi Saravanan,
A. M. Kamalan Kirubakaran, Saravanamuthu Vigneswaran,
and Gayathri Naidu

Acc. No : 49643

Call No : 666.2 VIS-V

Most of the pipelines used for the transport of various fluids are susceptible to the formation of biofilms, and the undesirable accumulation of microorganisms in pipelines leads to biodeterioration and increases the maintenance cost of the pipelines. This book focuses on nanostructured polymetallic coatings for corrosion and biofouling protection in offshore oil and gas pipelines, marine pipelines, ship structures, and port facilities, and corrosion-resistant surfaces of several engineered structures. Considering various reasons for biofouling in pipelines that transport crude and refined petroleum, gas, biofuels, and other fluids, including sewage, slurry, and water for drinking or irrigation, the underlying mechanism is thoroughly explained. A comparison of various protective techniques is also highlighted for...

The Garden Against Time

IN SEARCH OF A COMMON PARADISE



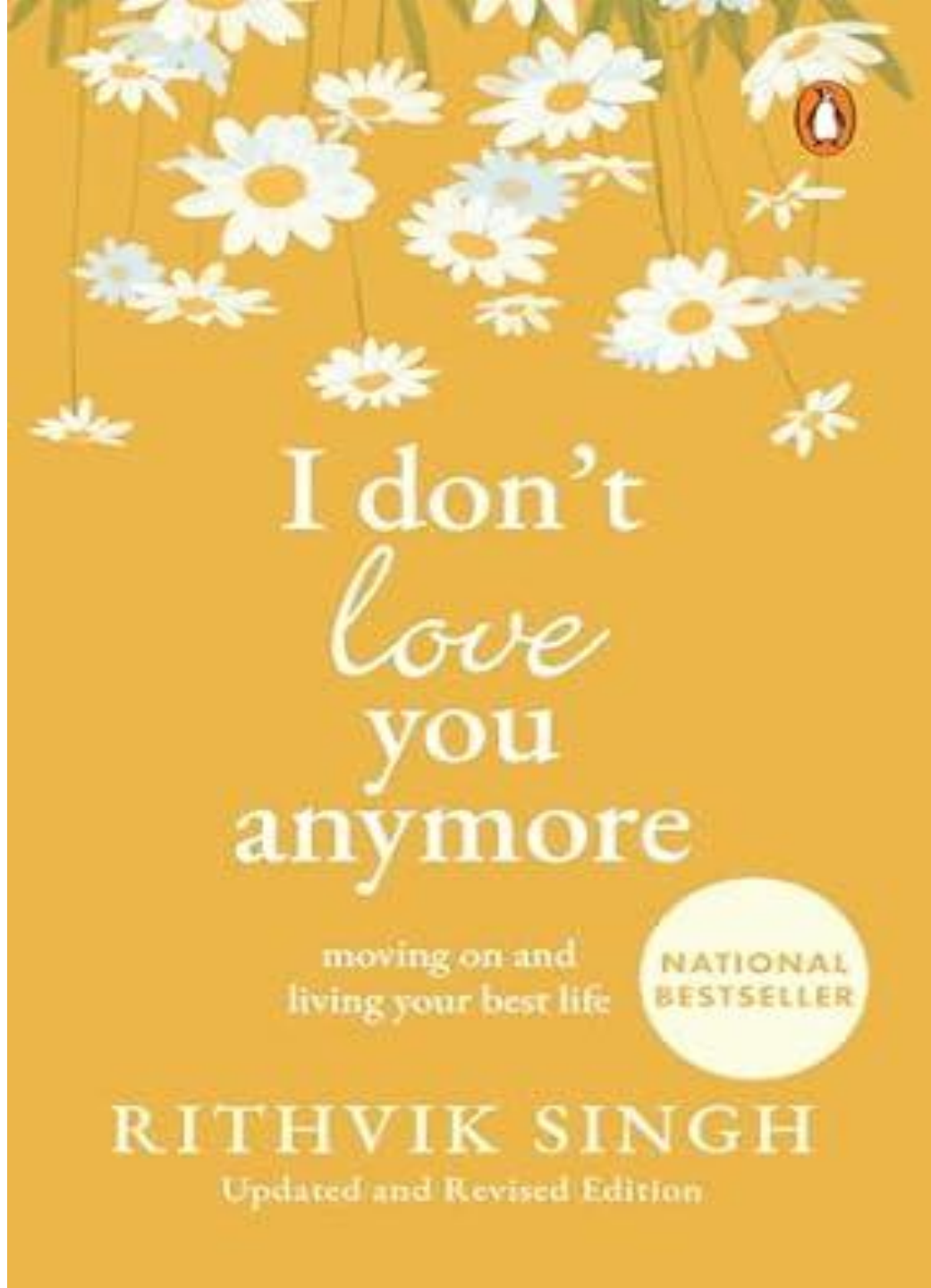
OLIVIA LAING



Acc. No : 49351

Call No : 712.6 LAI-O

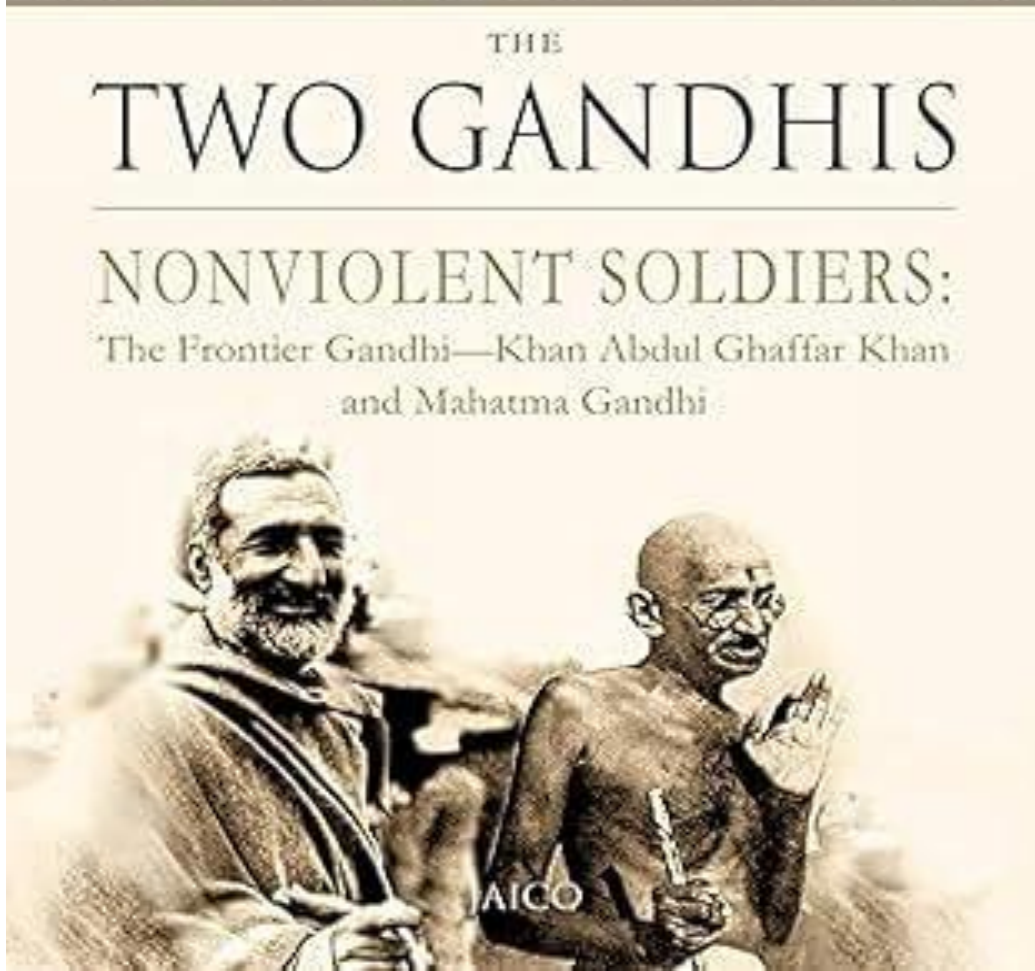
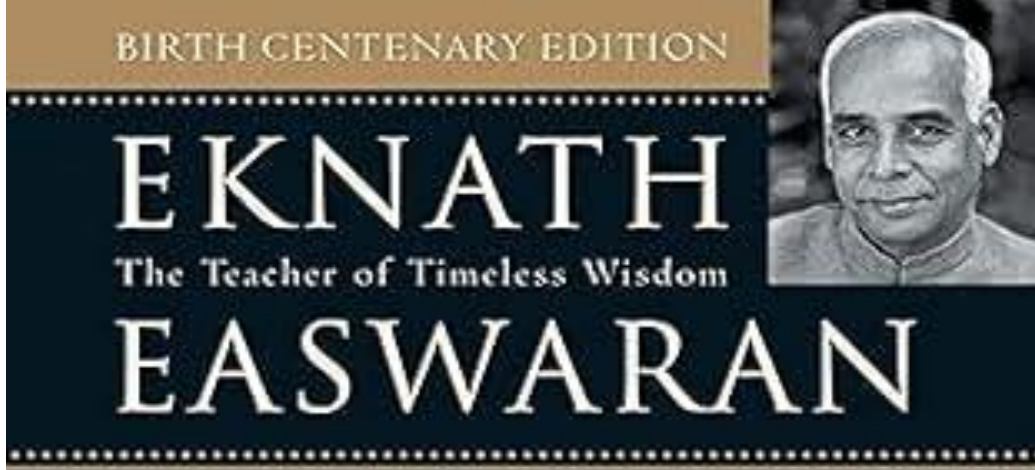
A garden contains secrets, we all know that: buried elements that might put on strange growth or germinate in unexpected places. The garden that I chose had walls, but like every garden, it was interconnected, wide open to the world. In 2020, Olivia Laing began to restore a walled garden in Suffolk, an overgrown Eden of unusual plants. The work drew her into an exhilarating investigation of paradise and its long association with gardens. Moving between real and imagined gardens, from Milton's Paradise Lost to John Clare's enclosure elegies, from a wartime sanctuary in Italy to a grotesque aristocratic pleasure ground funded by slavery, Laing interrogates the sometimes-shocking cost of making paradise on earth. But the story of the garden doesn't always enact larger patterns of privilege and...



Acc. No : 49338

Call No : 821 SIN-R

I Don't Love You Anymore by Rithvik Singh is a heartfelt poetry book that explores the complexities of love, relationships, and the human heart. This book will be the perfect companion for anyone who is going through the process of healing, letting go, and reclaiming their life after heartbreak. If you have ever fallen in love, you know that love brings both joy and tears. The honest feelings and emotions portrayed in the book will be relatable to many. Author Rithvik's words will immerse you in grief but also provide comfort. It will help you love yourself a bit more. The story follows the protagonist as they navigate the turbulent waters of love, heartbreak, and self-discovery. With raw emotion and unflinching honesty, Rathore explores the darker corners of the human experience, laying bare the...



Acc. No : 48388

Call No : 923.254 EAS-E

From a Tradition of Blood Revenge Comes One of History's Greatest Peacemakers. When Mahatma Gandhi roused millions in a peaceful revolution against colonial rule, Khan Abdul Ghaffar Khan seemed an unlikely man to enlist. Yet from the ruthless Pathan tradition in Indian's rugged North-West Frontier Province, Khan raised history's first nonviolent army of 100,00 men. Many cautioned Gandhi against involving himself in his nonviolent struggle these such as people with a record of brutality. But under Khan's leadership, the Pathans proved that it is often those who are capable of great violence who dare to stand unarmed against injustice. During the early years of the Second World War, I was a graduate student at the University of Nagpur. Lying as it does near the geographical center of India, Nagpur is a...

Foreword by **PRIME MINISTER NARENDRA MODI**

The Extraordinary Life of **Anandiben Patel**

DARE, DREAM, DO

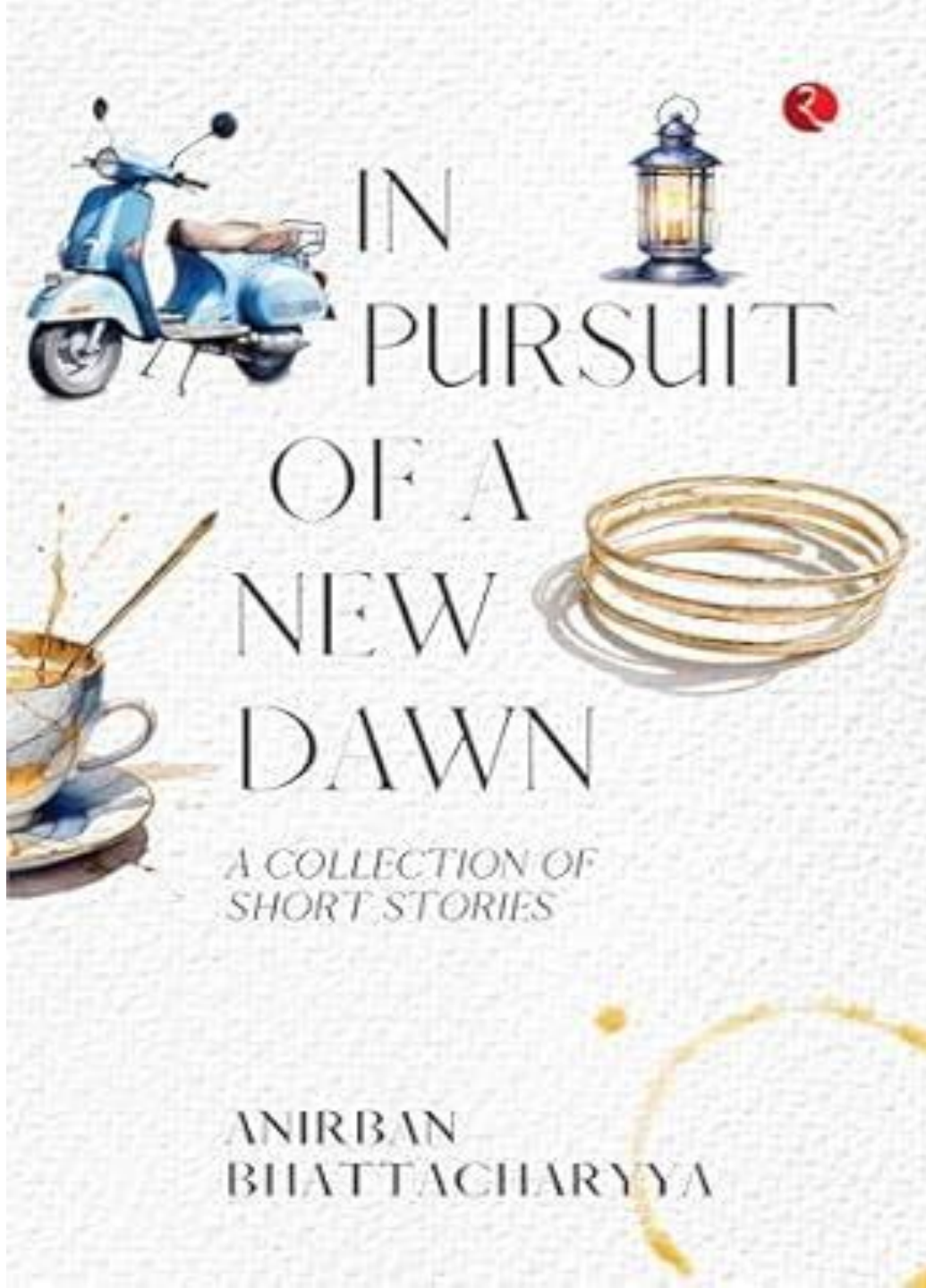
As told to **ANURAG GARG**



Acc. No : 49467

Call No : Biography GAR-A

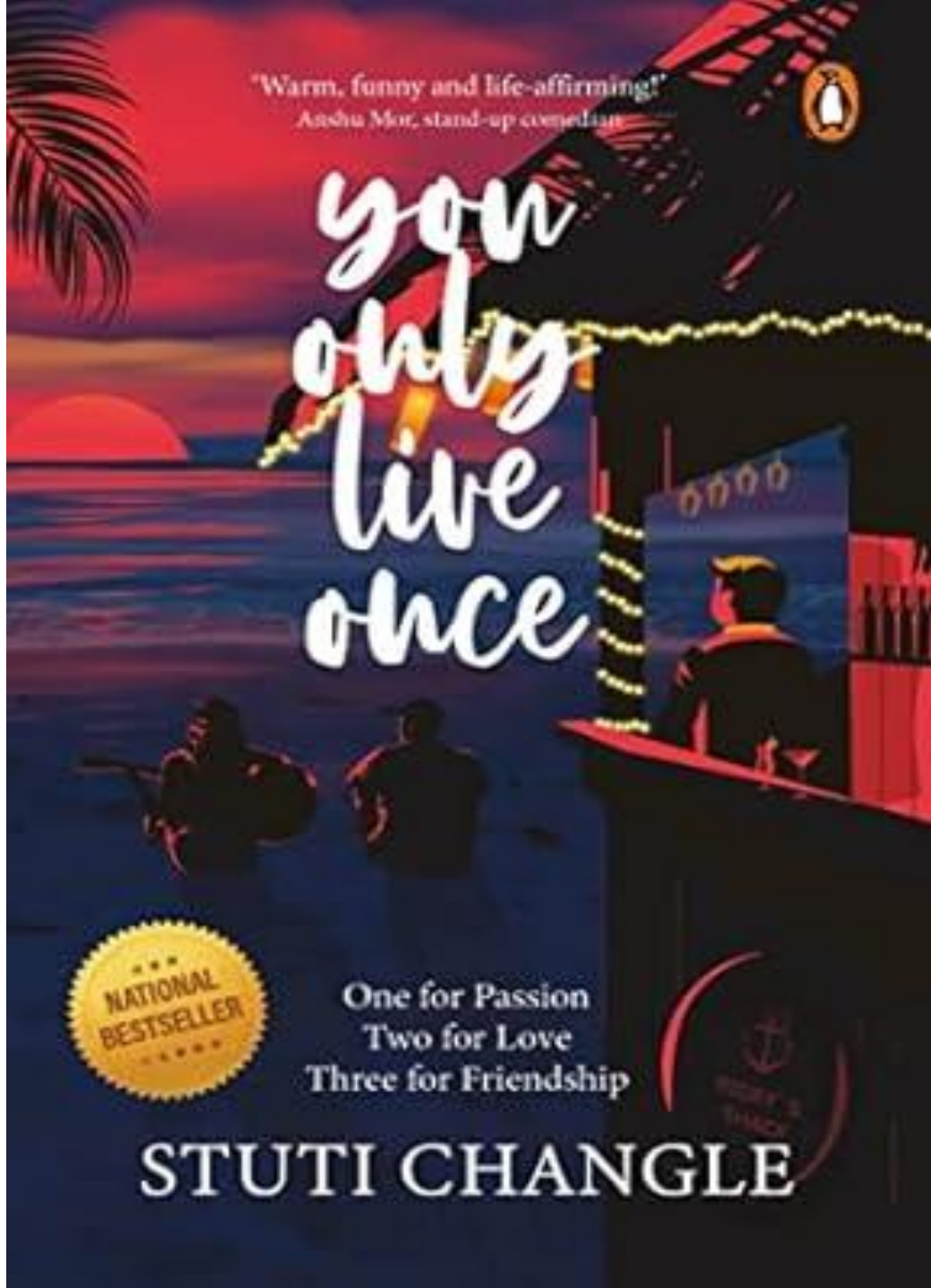
The story of a woman who dared to dream for herself and her country. This is the inspiring account of Anandiben Patel's journey, one that is dotted with courage and determination. Fondly referred to as the Iron Lady of Gujarat, Anandiben took over as the 15th chief minister of Gujarat after Narendra Modi became the prime minister of India in 2014. However, Anandiben is so much more than the woman who succeeded Modi. Dare, Dream, Do is also the story of a mother, a leader, and a warrior. In this memoir, Anandiben shares her personal and political journey from her close association with Prime Minister Modi, Atal Bihari Vajpayee and Murli Manohar Joshi to her two years as the chief minister of Gujarat, from being on the verge of turning 75 and deciding to resign in August 2016 to now being...



Acc. No : 49459

Call No : Fiction BHA-A

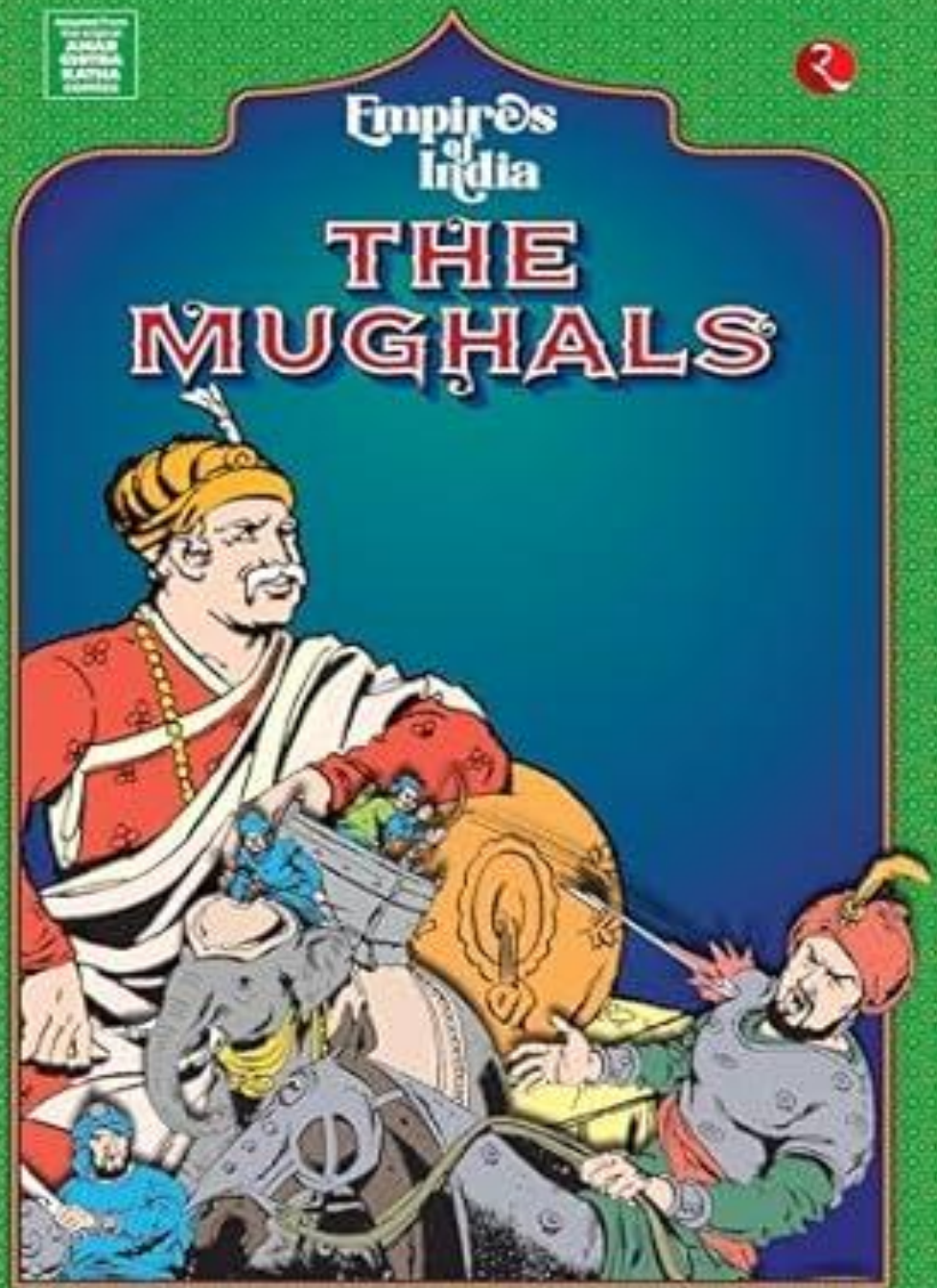
The Tigress is punished for liberating herself from pain and misery. An unlikely friendship between a school teacher and a child who sells tea leads to unexpected situations. After a woman realizes she misidentified her rapist, she makes it her life's mission to fight for the wrongfully convicted. This book is a collection of eight such compelling narratives where ordinary people are In Pursuit of a New Dawn. Anirban 'Andy' Bhattacharyya looks at life that exists between right and wrong and delves into the transformative power of the human will in driving social change. This is a sensitive and evocative exploration of social stigmas, systemic biases and disparities, and how kinship and allyship can help dismantle inequity. These thought-provoking stories will inspire and compel readers to take action and bring...



Acc. No : 49339

Call No : Fiction CHA-S

What if you ran away from your life today? Twenty years later, three people are looking for you. One is dying to meet you again. The other wishes you had never met them. The third wish they could have met you at least once. You are one person. Aren't you? But you are not the same person to each of them. Find the answers about your own life in this story about searching for love and discovering yourself. Join a broken but rising YouTube star, Alara, a struggling but hopeful stand-up comedian, Aarav, and a zany but zen beach-shack owner, Ricky. Together, take the journey to seek the truth behind the famous singer Elisha's disappearance somewhere by the sea in Goa. Will you be able to find Elisha? Or will you end up finding yourself? The writing style is simple yet magical, with...



Acc. No : 49490

Call No : Fiction GH0-S (Young Learners)

The Mughal Empire began in India in the year 1526. For 300 years, the dynasty of the Mughal kings flourished, creating incomparable wealth and seeing the growth of magnificent art and architecture. Their tumultuous reign is now brought to life in these stories adapted from the Amar Chitra Katha comics. Babur, who began life in faraway Ferghana, came to India in search of a kingdom and glory. He laid the foundations of a mighty empire. The scholarly Humayun, who faced incessant revolts and had to flee his kingdom for a few years. His son, the great Akbar, united a large empire and thought deeply about religion and philosophy. Jahangir, with his untold wealth and his passion for his queen Nur Jahan, a flamboyant ruler herself. Shah Jahan, who took Mughal art to its zenith with the building of the Taj Mahal. And the tragic and cruel fate that befell Dara...

Jill Tomlinson



The
Hen
Who Wouldn't
Give Up



Acc. No : 49840

Call No : Fiction TOM-J (Young Learners)

A heart-warming story about a hen with as much pluck as she has cluck from the author of the Owl Who Was Afraid of the Dark. Hilda is a small, speckled hen, and when Hilda makes up her mind, nothing can stop her. Hilda's auntie has just had a family of chicks, and she's determined to visit them. But how is Hilda going to travel the five miles to her auntie's farm? Filled with gentle humor and comfort, Jill Tomlinson's animal stories have been enjoyed by children who want to snuggle down with a good read for decades. Perfect for kids aged 5+ who love Julia Donaldson and Dick King Smith's the Sheep Pig. This edition is beautifully illustrated by Paul Howard. Have you enjoyed all of Jill's animal stories? The Owl Who Was Afraid of the Dark. The Cat Who Wanted to Go Home. The Gorilla Who...

Links to Access Library Resources / Services

OPAC Link: <https://bitspilani-hyd-opac.kohacloud.in/>

E-Resources Link: <https://bitspilani-hyd-opac.kohacloud.in>

Digital Library: <http://125.22.54.221:8080/jspui/> (within the Campus)

Old Question Papers: <http://125.22.54.221:8080/jspui/handle/123456789/1>
(within the Campus Only)

Online News Papers: <https://onlinenewspapers.com/india.shtml>



7A

7A
Library
Engineering
Literature
Geography

Thank you