BIBLIOPHILE

Monthly Newsletter of Central Library

Compiled by

NAVA NALANDA CENTRAL LIBRARY

About Bibliophile

Welcome to the "Bibliophile – a Monthly Newsletter of Nava Nalanda Central Library". The Bibliophile is a gateway to library resources, services, and activities. It brings information about the newest resources added to the library collection. Each month, we proudly unveil a curated selection of new books spanning various genres, from contemporary fiction and historical novels to non-fiction and technical readings, key events that have taken place and achievements in the form of books or patents bytiet fraternity.

We are happy to unveil Vol. 2, No. 2 for February 2025. The highlight of this bulletin is twenty newly added books to our collection. The books are carefully curated to keep up with the latest developments in the fields.
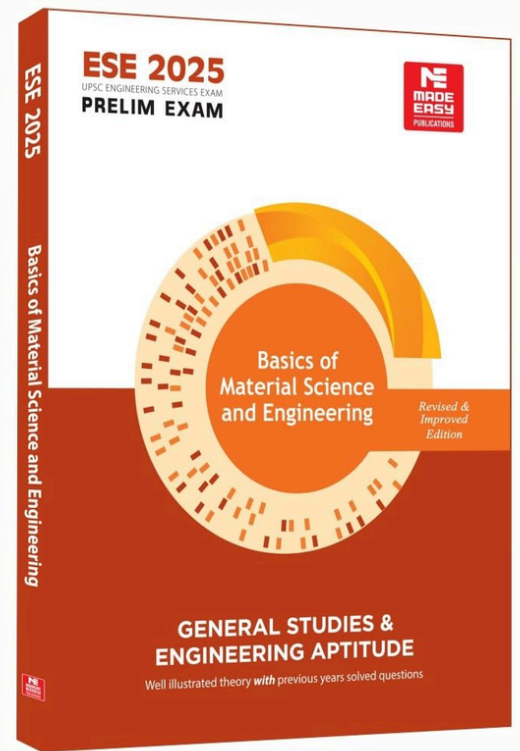
...Editorial Board

Contents of this Issue

ESE 2025 : Basics of Material Science and Engineering

About the Book

The content of this book is highly useful for **ESE- 2025 Prelims:** Paper- 1: Basics of Material Science and Engineering. It covers the entire syllabus that a student appearing for Engineering Services examination needs. The theoretical part has been written in a lucid language for easy comprehension of the readers. Previous year's ESE questions with solutions and practice sets are provided after every unit. All in all, the entire book is very informative and relevant to examination.With its broad coverage and organized presentation, this book is an essential tool for candidates preparing for ESE and various state-level examinations.
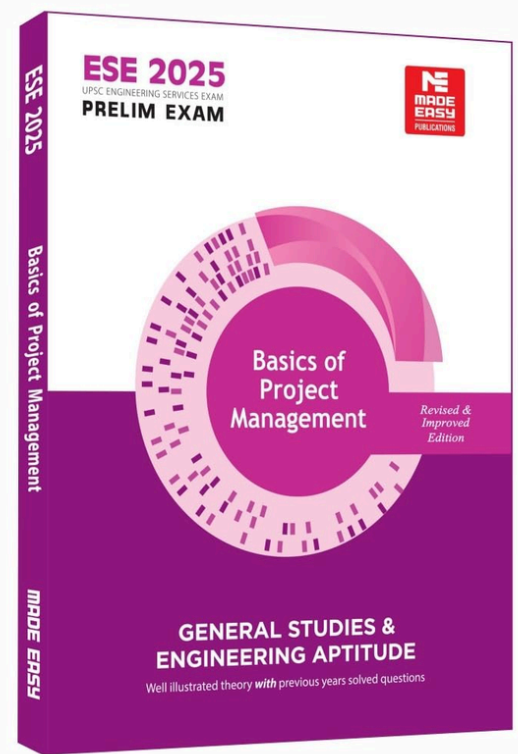
Bibliographic Details

- **Author:** Made Easy Publications
- **Publisher:** Made Easy Publications
- **Year :** 2024
- **ISBN:** 9789362028730

Read in the Library

ESE 2025: Basics of Project Management

About the Book

The content of *ESE 2025: Basics of Project Management* is highly useful for ESE- 2025 Prelims: Paper- 1: Basics of Project Management. It covers the entire syllabus that a student appearing for Engineering Services examination needs. The theoretical part has been written in a lucid language for easy comprehension of the readers. Previous year's ESE questions with solutions and practice sets are provided after every unit. All in all, the entire book is very informative and relevant to examination.
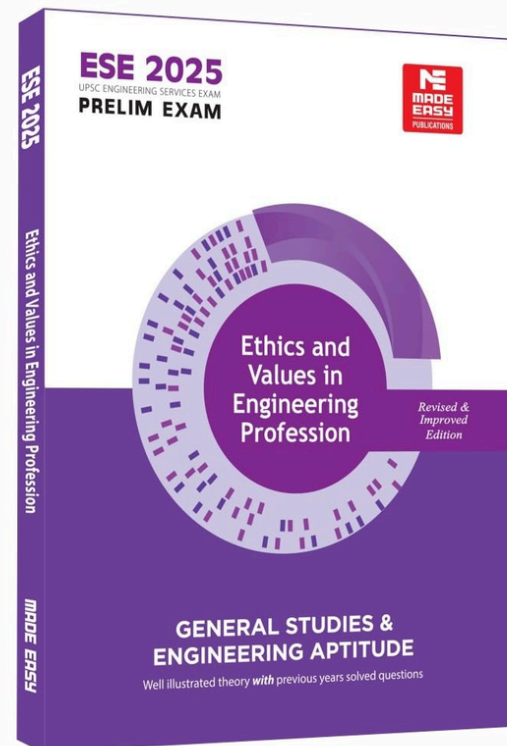
Bibliographic Details

- **Author:** Made Easy Publications
- **Publisher:** Made Easy Publications
- **Year :** 2024
- **ISBN:** 9789362023452

Read in the Library

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Acquisition Section, Central Library

ESE 2025: Ethics and Values in Engineering Profession

About the Book

This book *ESE 2025: Ethics and Values in Engineering Profession* is highly useful for ESE- 2025 Prelims: Paper- 1: Ethics and Values in Engineering Profession. It covers the entire syllabus that a student appearing for Engineering Services examination needs. The theoretical part has been written in a lucid language for easy comprehension of the readers. Previous year's ESE questions with solutions and practice sets are provided after every unit. Each solution follows a unique problem-solving method, enhancing clarity and understanding, making it an invaluable resource for ESE aspirants.
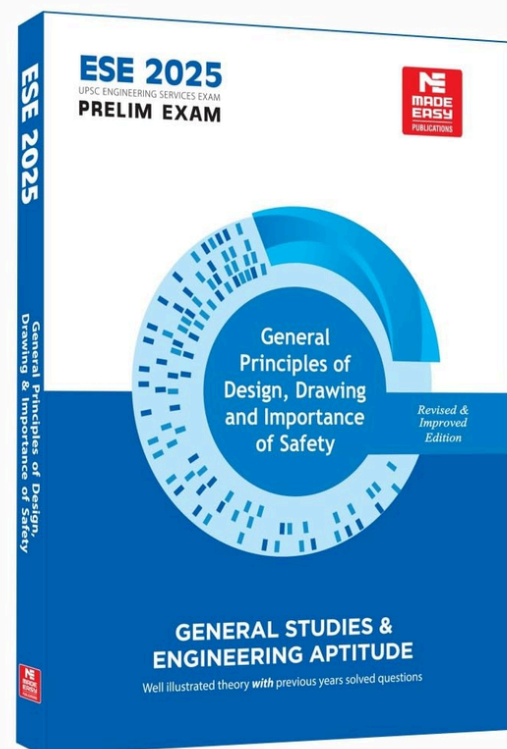
Bibliographic Details

- **Author:** Made Easy Publications
- **Publisher:** Made Easy Publications
- **Year :** 2024
- **ISBN:** 9789362020062

Read in the Library

ESE 2025: General Principles of Design, Drawing and Importance of safety

About the Book

ESE 2025: General Principles of Design, Drawing and Importance of safety is highly useful for ESE- 2025 Prelims: Paper- 1: General Principles of Design, Drawing and Importance of Safety. It covers the entire syllabus that a student appearing for Engineering Services examination needs. The theoretical part has been written in a lucid language for easy comprehension of the readers. Previous year's ESE questions with solutions and practice sets are provided after every unit. All in all, the entire book is very informative and relevant to examination.

Bibliographic Details

- **Author:** Made Easy Publications
- **Publisher:** Made Easy Publications
- **Year :** 2024
- **ISBN:** 9789362021892

Read in the Library

ESE 2025: Information and Communication Technologies

About the Book

The book **ESE 2025: Information and Communication Technologies** is highly useful for ESE- 2025 Prelims: Paper-1: Information and communication Technologies (ICT). It covers the entire syllabus that a student appearing for Engineering Services examination needs. The theoretical part has been written in a lucid language for easy comprehension of the readers. Previous year's ESE questions with solutions and practice sets are provided after every unit. All in all, the entire book is very informative and relevant to examination.
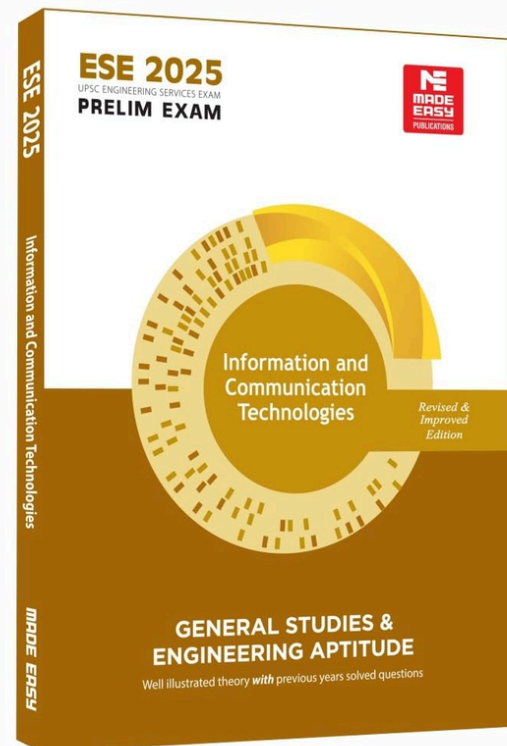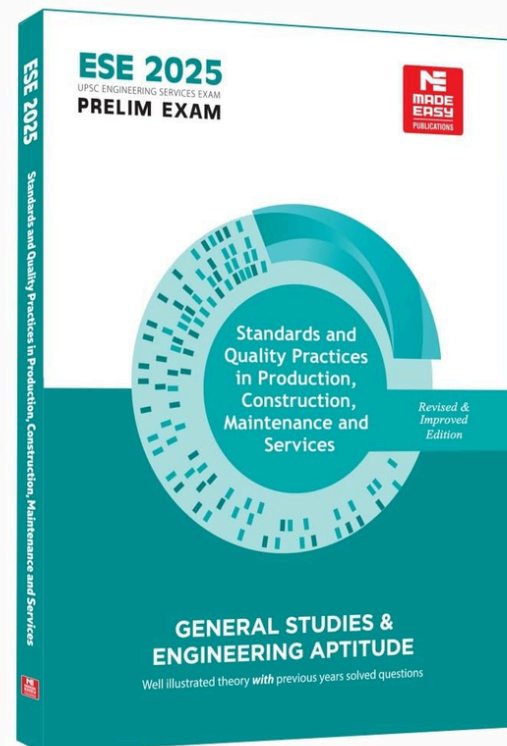
Bibliographic Details

- **Author:** Made Easy Publications
- **Publisher:** Made Easy Publications
- **Year :** 2024
- **ISBN:** 9789362025142

Read in the Library

ESE 2025: Standards and Quality Practices in Production, Construction, Maintenance

About the Book

This book is highly useful for *ESE- 2025 Prelims: Paper*- 1: Standards and Quality Practices in Production, Construction, Maintenance and Services. It covers the entire syllabus that a student appearing for Engineering Services examination needs. With its broad coverage and organized presentation, this book is an essential tool for candidates preparing for ESE and various state-level examinations. The theoretical part has been written in a lucid language for easy comprehension of the readers. Previous year's ESE questions with solutions and practice sets are provided after every unit.
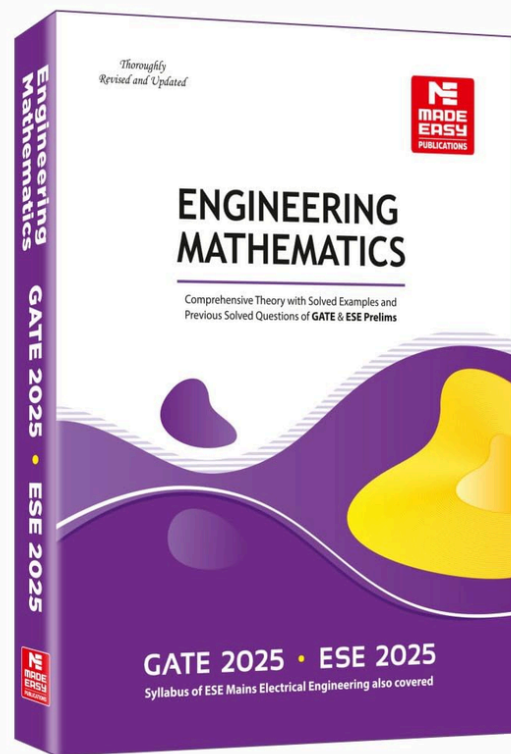
Bibliographic Details

- **Author:** Made Easy Publications
- **Publisher:** Made Easy Publications
- **Year :** 2024
- **ISBN:** 9789362025692

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Engineering Mathematics for GATE and ESE–2025 Prelims

About the Book

The new edition of **GATE 2025 & ESE 2025: Engineering Mathematics** compiles solved papers from the past 22 years, offering a comprehensive resource for exam preparation. This edition has been thoroughly revised, updated, and organized into topic-wise sections. Solutions are presented in a clear, step-by-step manner, making it easy for even beginners to grasp the concepts.

Each subject begins with an analysis of previous exam papers, helping students better understand key topics. While this book is an indispensable tool for GATE aspirants, it is also highly beneficial for those preparing for ESE, PSUs, and other competitive exams.
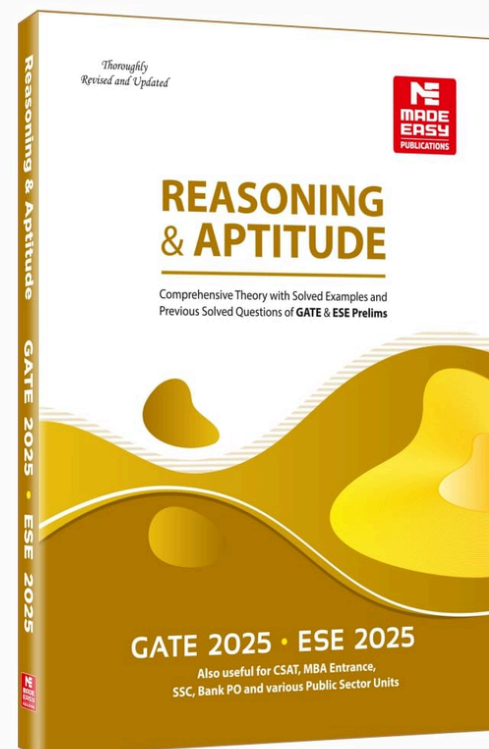
Bibliographic Details

- **Author:** Made Easy Publications
- **Publisher:** Made Easy Publications
- **Year :** 2024
- **ISBN:** 9789362022875

Read in the Library

Reasoning and Aptitude for GATE and ESE Pre– 2025

About the Book

The new edition of **GATE 2025 and ESE 2025: Reasoning & Aptitude** incorporates solved papers of the last 15years. The book is fully revised, updated, and edited. It has been divided into topic-wise sections. Solutions are written in a lucid and step-by-step manner so that a fresher student can also understand.

Each subject includes an analysis of previous exam papers, helping students grasp important concepts more effectively. The book is not only useful for GATE aspirants but also very fruitful for those who are aiming for ESE, PSUs & other such competitive examinations.
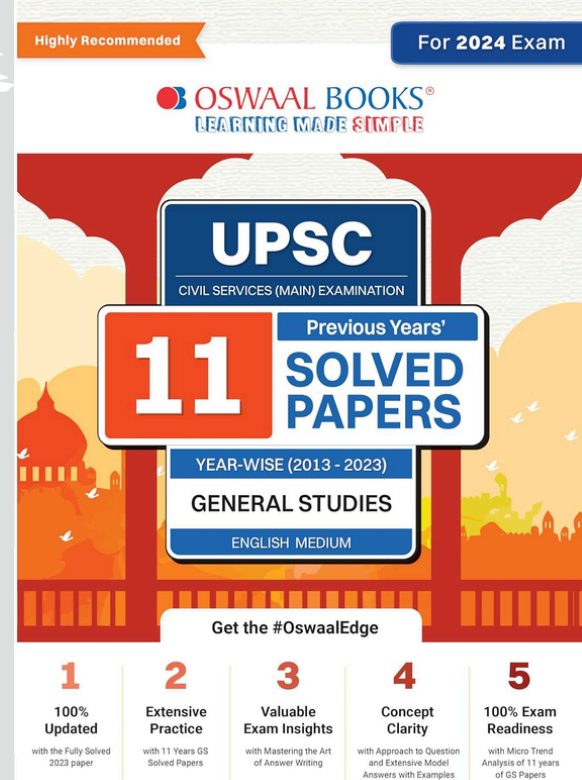
Bibliographic Details

- **Author:** Made Easy Publications
- **Publisher:** Made Easy Publications
- **Year :** 2024
- **ISBN:** 9789362023636

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UPSC CSE Mains 11 Years Solved Papers (2013–2023) General Studies For Civil Services Exams 2024

About the Book

The Oswaal UPSC Main 11 Years Solved Papers book is more than just a resource; it's your guiding star. Let's explore how:-

- **Time-Tested Excellence:** This book is a time machine through 11 years of UPSC Main papers, including the 2023 edition.
- **Practice Makes Perfect:** Extensive solved papers offer you ample opportunities to practice and build the confidence you need.
- **Answer Writing Mastery:** Unlock the art of effective answer writing with valuable exam insights.
- **Clarity Through Explanation:** This book provides approach to each question and extensive model answers with current examples to ensure your understanding is rock solid.

Bibliographic Details

- **Author:** Oswaal
- **Publisher:** Oswaal Books
- **Year :** 2024
- **ISBN:** 9789357288972

Read in the Library

Mastering Blockchain: Inner Workings of Blockchain, from Cryptography and Decentralized Identities

EXPERT INSIGHT

Mastering Blockchain

Inner workings of blockchain, from cryptography and decentralized identities, to DeFi, NFTs and Web3

Fourth Edition

Imran Bashir

<packt>

About the Book

With new chapters on Decentralized Finance, Decentralized Identity and blockchain privacy, scalability, and security, as well as bonus online content exploring alternative blockchains, this is an unmissable read for everyone who wants to gain a deep understanding of blockchain. Although this book covers the basics, including blockchain's technical underpinnings, cryptography, and consensus protocols, it doesn't shy away from advanced topics and practical expertise, such as decentralized application (DApp) development using smart contracts.

What You Will Learn:-

- Understand cryptography and its usage in blockchain.
- Solve issues relating to scalability, privacy, and security in blockchain
- Explore enterprise blockchains

Bibliographic Details

- **Author:** Imran Bashir
- **Publisher:** Packt Publishing
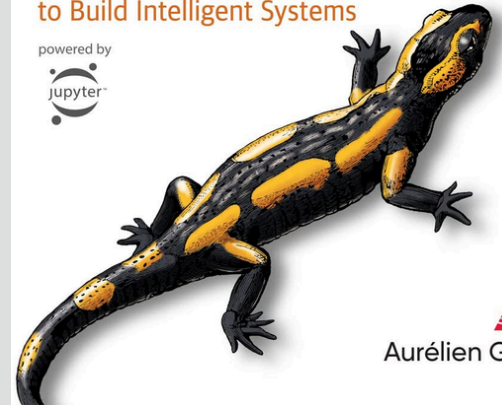- **Year :** 2023
- **ISBN:** 9781803241067

Read in the Library

Hands–On Machine Learning with Scikit–Learn, Keras and TensorFlow

About the Book

This best-selling book uses concrete examples, minimal theory, and production-ready Python frameworks--scikit-learn, Keras, and TensorFlow--to help you gain an intuitive understanding of the concepts and tools for building intelligent systems.

With this updated third edition, author Aurelien Geron explores a range of techniques, starting with simple linear regression and progressing to deep neural networks. Numerous code examples and exercises throughout the book help you apply what you've learned. Programming experience is all you need to get started.

Bibliographic Details

- **Author:** Aurelien Geron
- **Publisher:** Shroff Publishers
- **Year :** 2023
- **ISBN:** 9789355421982

Read in the Library

Data Structures and Algorithms Made Easy in Java

Narasimha Karumanchi, M.Tech, IIT Bombay
Founder, CareerMonk.com

Data Structures and Algorithms Made Easy in Java
Data Structures and Algorithmic Puzzles

CareerMonk
Together we are better.

5TH EDITION

About the Book

This is a solution Bank for various complex problems related to data structures and algorithms. It can be used as a reference manual by those readers in the computer Science industry. The book has around 21 chapters and covers recursion and Backtracking, linked lists, stacks, queues, trees, priority queue and heaps, disjoint sets ADT, graph algorithms, sorting, searching, selection algorithms [Medians], symbol tables, hashing, string algorithms, algorithms design techniques, greedy algorithms, divide and conquer algorithms, dynamic programming, complexity classes, and other Miscellaneous concepts. This book serves as guide to prepare for interviews, exams, and campus work.

Bibliographic Details

- **Author:** Narasimha Karumanchi
- **Publisher:** CarrerMonk
- **Year :** 2022
- **ISBN:** 9788192107554

Read in the Library

Reinforcement Learning : An Introduction

Reinforcement Learning

An Introduction
second edition

Richard S. Sutton and Andrew G. Barto

About the Book

This second edition focuses on core online learning algorithms, with the more mathematical material set off in shaded boxes. Part I covers as much of reinforcement learning as possible without going beyond the tabular case for which exact solutions can be found. Many algorithms presented in this part are new to the second edition, including UCB, Expected Sarsa, and Double Learning. Part II extends these ideas to function approximation, with new sections on such topics as artificial neural networks and the Fourier basis, and offers expanded treatment of off-policy learning and policy-gradient methods. Part III has new chapters on reinforcement learning's relationships to psychology and neuroscience, as well as an updated case-studies chapter including AlphaGo and AlphaGo Zero, Atari game playing, and IBM Watson's wagering strategy.

Read in the Library

Bibliographic Details

- **Author:** Richard S. Sutton
- **Publisher:** MIT Press, London
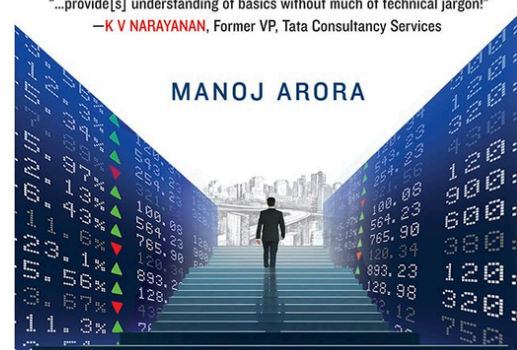- **Year :** 2018
- **ISBN:** 9780262039246

Autobiography of a Stock : A Common Man's Guide to Stock Investing

NATIONAL BESTSELLER

Second Edition

THE AUTOBIOGRAPHY OF A

STOCK

A common man's guide to stock investing

"...provide[s] understanding of basics without much of technical jargon!"
—**K V NARAYANAN**, Former VP, Tata Consultancy Services

MANOJ ARORA

About the Book

The Autobiography of a Stock takes a unique look at the problem – through the eyes of Mr. Stock. Gobind, a young man eager to invest, approaches Mr. Stock for help to guide him through the roller-coaster ride of buying a stock, holding on to it and finally exiting it in time. Join him on his exhilarating journey, complete with its soaring heights and dismal lows, in a real market scenario, with real stocks and real data. Learn with him as he discovers the 83 unforgettable lessons in the noisy world of stocks. Tried, tested and thoroughly practical, these lessons are stock market scripture that can bring you not only excellent returns but also long-term wealth.
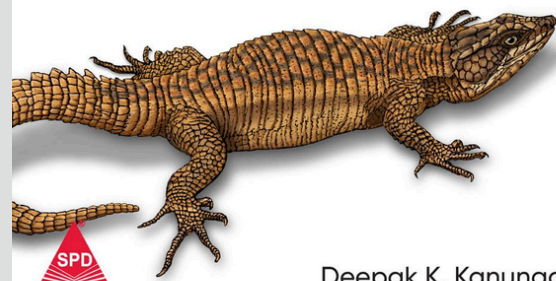
Bibliographic Details

- **Author:** Manoj Arora
- **Publisher:** Jaico Publishing House
- **Year :** 2018
- **ISBN:** 9789386867674

Read in the Library

Probabilistic Machine Learning for Finance and Investing

O'REILLY

Grayscale Edition
For Sale in the Indian Subcontinent & Select Countries Only*
*Refer Back Cover

Probabilistic Machine Learning for Finance and Investing

A Primer to Generative AI with Python

SPD

Deepak K. Kanungo

About the Book

Probabilistic ML technologies are based on a simple and intuitive definition of probability and the rigorous calculus of probability theory. These ML systems provide realistic support for financial decision-making and risk management in the face of uncertainty and incomplete information.

Probabilistic ML is the next generation ML framework and technology for AI-powered financial and investing systems for many reasons. They are generative ensembles that learn continually from small and noisy financial datasets while seamlessly enabling probabilistic inference, prediction and counterfactual reasoning.

Bibliographic Details

- **Author:** Deepak K. Kanungo
- **Publisher:** O'Reilly Media
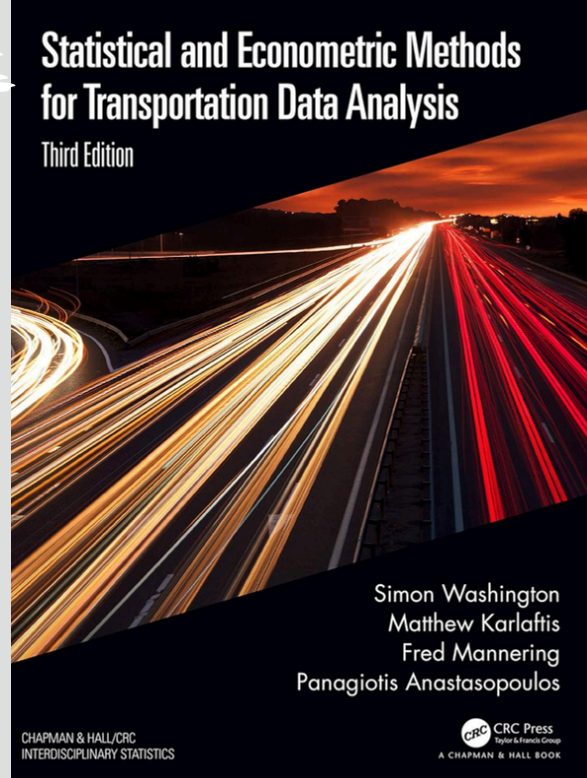- **Year :** 2023
- **ISBN:** 9789355429995

Read in the Library

Statistical and Econometric Methods for Transportation Data Analysis

About the Book

It offers an expansion over the first and second editions in response to the recent methodological advancements in the fields of econometrics and statistics and to provide an increasing range of examples and corresponding data sets.

New to the Third Edition:-

- Updated references and improved examples throughout.
- A new section discussing the practical aspects of random parameters model estimation.
- A new chapter on Latent Class Models.
- A new chapter on Bivariate and Multivariate Dependent Variable Models.
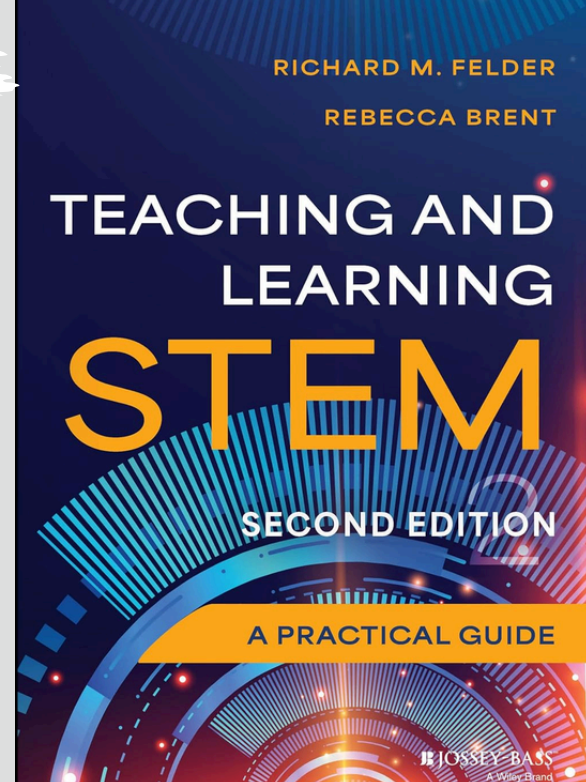
Bibliographic Details

- **Author:** Simon Washington
- **Publisher:** CRC Press
- **Year :** 2020
- **ISBN:** 9780367199029

Read in the Library

Teaching and Learning STEM : A Practical Guide

RICHARD M. FELDER

REBECCA BRENT

TEACHING AND LEARNING STEM

SECOND EDITION

A PRACTICAL GUIDE

JOSSEY-BASS
A Wiley Brand

About the Book

This book fills the gap, addressing, topics like learning objectives, course design, choosing a text, effective instruction, active learning, teaching with technology, and assessment—all from a STEM perspective. You'll also gain the knowledge to implement learner-centered instruction, which has been shown to improve learning outcomes across disciplines.

For this edition, chapters have been updated to reflect recent cognitive science and empirical educational research findings that inform STEM pedagogy. You'll also find a new section on actively engaging students in synchronous and asynchronous online courses, and content has been substantially revised to reflect recent developments in instructional technology and online course development and delivery.

Bibliographic Details

- **Author:** Richard M. Felder
- **Publisher:** John Wiley & Sons Inc.
- **Year :** 2024
- **ISBN:** 9781394196340

Read in the Library

L.S. Vygotsky's Pedological Works Vol. 1

About the Book

This book provides both a lost last word and a firm first foundation: seven lectures, given in the last months in the life of the Soviet thinker, teacher, and writer **L.S. Vygotsky,** offer us the most comprehensive and developed form of his thoughts on the child, expressed in the most fundamental and even popular form that Vygotsky himself used with his beginner-level students. Volume One includes translations of seven of Vygotsky's lectures that reflect his approach to pedology; the method of pedology and the "methodics" of the unit of analysis; the role of heredity and social environment in child development; and general laws of development in childhood that will help parents and teachers understand the way the child's endocrine system, nervous system, and mind change as the child enters a culture and learns to make history.

Bibliographic Details

- **Author:** L.S. Vygotsky
- **Publisher:** Springer
- **Year :** 2019
- **ISBN:** 9789811505270

Read in the Library

L.S. Vygotsky's Pedological Works Vol. 2

L. S. Vygotsky

L.S. Vygotsky's Pedological Works. Volume 2.

The Problem of Age

Translated with notes and lecture outlines by David Kellogg and Nikolai Veresov

Springer

About the Book

This book is the second volume in a series presenting new English translations of L.S. Vygotsky's writings on the holistic science of the child he called "pedology".It includes the problem of age and age periodization; the structure and dynamics of age, psychological characteristics of age crises and diagnostics of development in relation to age, and the zone of proximal development, which became his most widely known but least understood theoretical innovation. Vygotsky also devotes chapters to the stable periods of infancy and early childhood and two whole chapters to school age.

Bibliographic Details

- **Author:** L.S. Vygotsky
- **Publisher:** Springer
- **Year :** 2021
- **ISBN:** 9789811619069

Read in the Library

Balancing Acts: The Scholarship of Teaching and Learning in Academic Careers

About the Book

Drawing on interviews with Dan Bernstein (psychology, University of Nebraska), Brian Coppola (chemistry, University of Michigan), Sheri Sheppard (mechanical engineering, Stanford University), Randy Bass and colleagues within and outside their institutions and fields, the author looks at the routes these pathfinders have traveled through the scholarship of teaching and learning and at the consequences that this unusual work has had for the advancement of their careers, especially tenure and promotion. In collaboration with the Carnegie Foundation for the Advancement of Teaching.

Bibliographic Details

- **Author:** Mary Taylor Huber
- **Publisher:** Routledge
- **Year :** 2004
- **ISBN:** 9781563770654

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How to Locate these Books in Catalogue:

- Through scan the QR Code; or
- These books can be searched in library catalogue by visiting http://library.thapar.edu.
- Type exact Title or ISBN or Author name.

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1. Login with your credential at https://library.thapar.edu
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- If you are not able to log in, then - CLICK ON THE FORGOT YOUR PASSWORD (https://library.thapar.edu/cgi-bin/koha/opac-password-recovery.pl)

2. Search the Book with Title or ISBN
- Click the Link "Place Hold"
- Choose Options which suits you.
- An automatic email will be generated by the system confirming the hold
- Collect the book within 24 Hours else it will be pass on to other user or returned to shelves.

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NAVA NALANDA CENTRAL LIBRARY

ZOTERO TRAINING SESSION

A training session was Successfully organized on Zotero Reference Management , Dated - 16.01.2025 in the Seminar Hall of the Central Library.

What we learned:-

- A comprehensive overview of Zotero's features.
- Step-by-step guidance on installation, setup, and usage.
- Tips and tricks to optimize your workflow and improve research productivity.

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Compiled by:
Acquisition Section, Central Library

Author Workshop on
"Scientific Writing and Publishing"

Author Workshop on "Scientific Writing and Publishing" was successfully conducted by Springer Nature in association with Nava Nalanda Central Library on 29.01.2025.

What did we learn from this

- How to find the right journal to submit your manuscript?
- Peer Review and writing response letters.
- What to do after your manuscript gets published.
- Research Integrity – Publishing Ethics
- Other topics like Open access, free author tools by Springer Nature, etc. Hints and tips for publishing scientific books

BOOK DONATION DRIVE

Nava Nalanda Central Library organized a book donation drive on the occasion of Christmas Day. Students, faculty members, and alumni of the TIET family made this event a success by donating around 210 books.
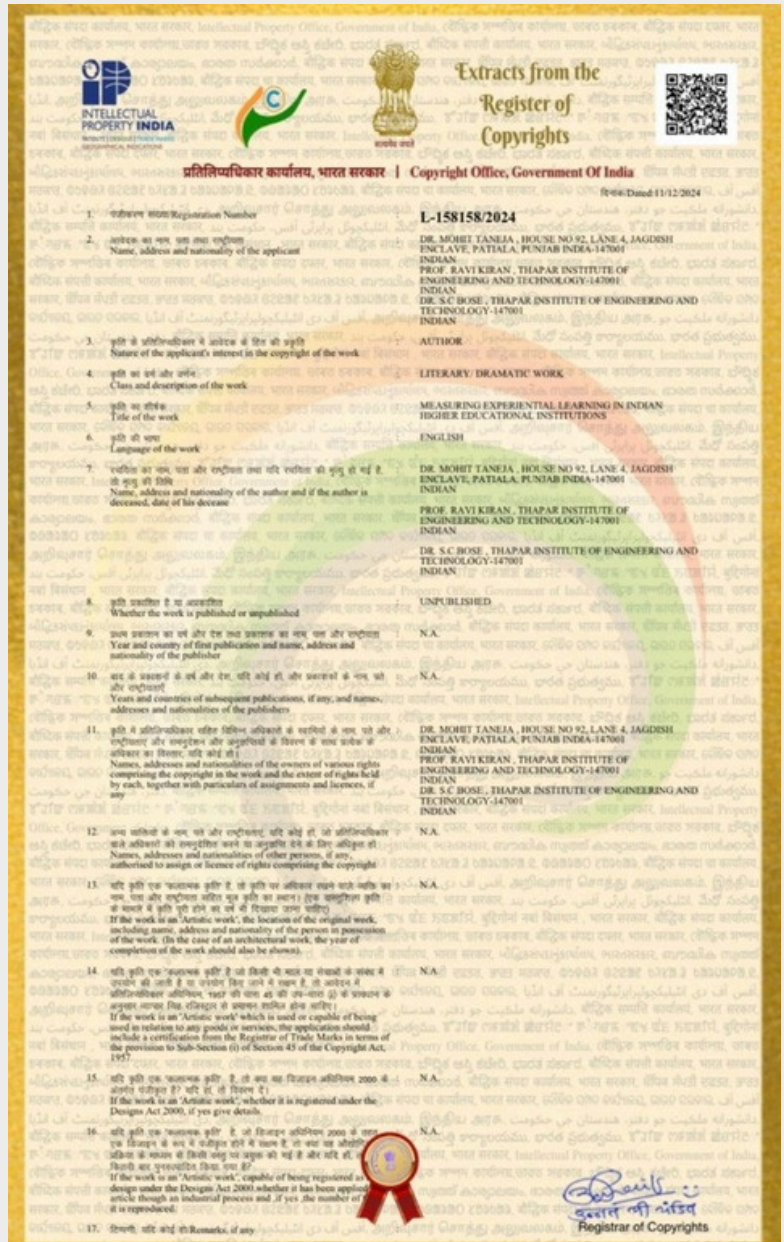
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Bibliographic Information

- **Granted Date:** Dec,2024
- **Reg. No:** L-158158/2024
- **Diary No:** 953/2024-CO/L
- **Year :** 2024

Author Details:-

Dr. Ravi Kiran
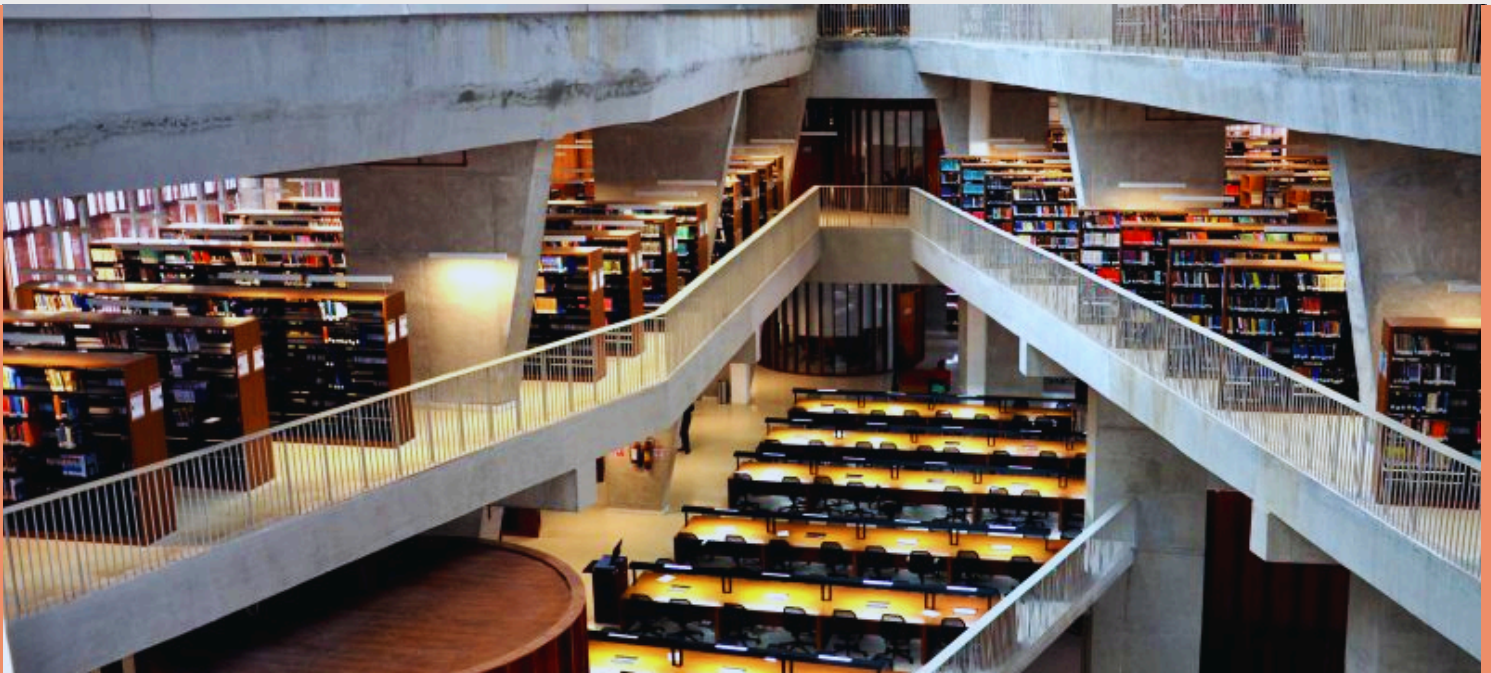Professor
SHSS

Dr. S.C. Bose
Associate Professor
SHSS

Dr. Mohit Taneja
(Research Scholar)
SHSS

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OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

BIBLIOPHILE: MONTHLY NEWSLETTER OF CENTRAL LIBRARY

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Mr. Mandeep

The Content is Compiled by Mr Mandeep, Junior library and information assistant at Central Library in association with Acqusition section.

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Patiala – 147004, Punjab, INDIA

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