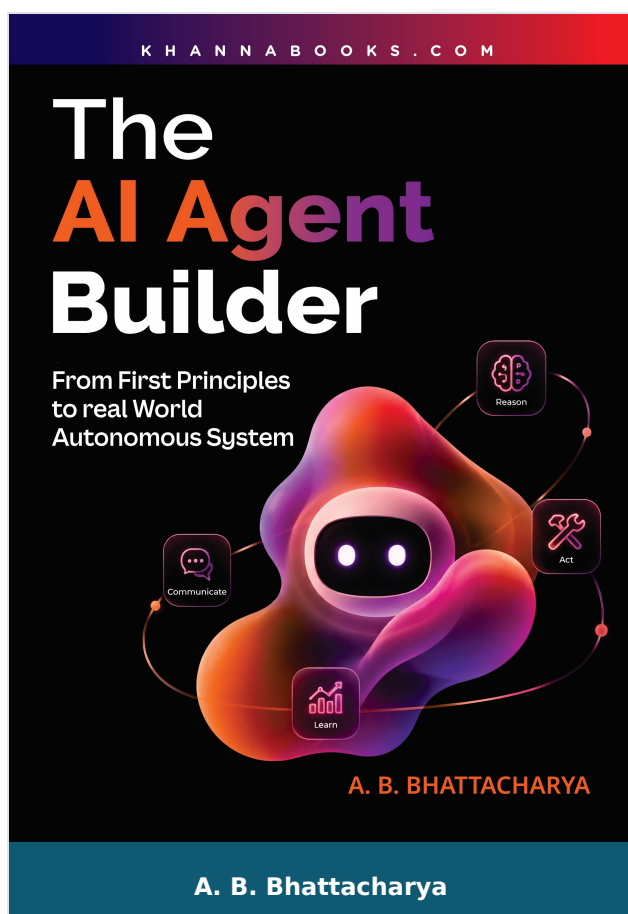




The AI Agent Builder (From First Principles to real World Autonomous System)

Author : A. B. Bhattacharya

ISBN 13 : 978-93-09430-40-4

ISBN 10 : 9309430400

E-ISBN 13 : 978-93-09430-40-4

Edition : First Edition

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Type of book : Physical

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Publisher : Khanna Publishing House

M.R.P : Rs 695.00

Categories : [Computer Science Engineering,](#)
[New Arrivals, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

The AI Agent Builder: From First Principles to Real-World Autonomous Systems is a comprehensive guide that introduces the concepts, architecture, development, and deployment of AI agents through a balanced combination of theoretical foundations and practical implementation. Intended for students, researchers, developers, and AI practitioners, the book explains agent architectures, large language models, memory systems, reasoning, planning, tool integration, multi-agent collaboration, safety, evaluation, deployment, and real-world applications.

Salient Features

- **AI Agent Foundations:** Explains the evolution of AI agents, agent architectures, environments, perception, reasoning, action, and large language models through a structured first-principles approach.
- **Practical Agent Development:** Covers memory systems, planning strategies, reasoning techniques, tool integration, autonomous execution, and multi-agent collaboration with exercises and project-based learning.
- **Modern AI Technologies:** Introduces APIs, function calling, external knowledge integration, vector databases, retrieval-augmented generation, and scalable deployment methods for intelligent autonomous systems.
- **Safety and Evaluation:** Explains performance benchmarking, reliability testing, hallucination detection, AI safety principles, prompt injection protection, guardrails, and responsible deployment practices.
- **Real-World Applications:** Demonstrates AI agent implementations for research assistance, customer support, data analysis, productivity, and other practical domains through representative application scenarios.
- **Practice-Oriented Learning:** Reinforces understanding through practical exercises, project ideas, short-answer questions, and multiple-choice questions that

strengthen conceptual and implementation skills.

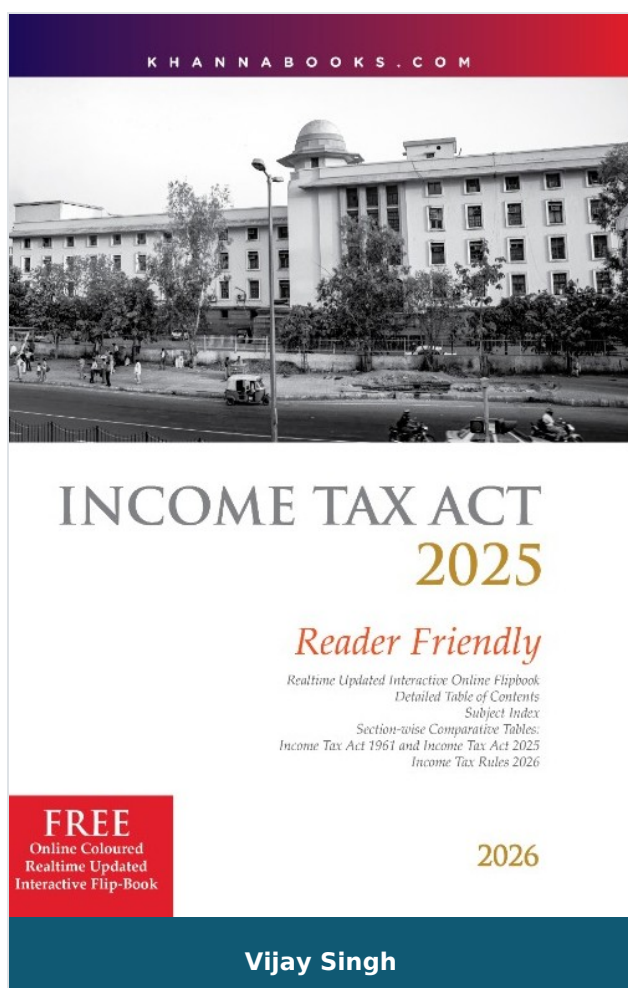
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 - 5- Memory Systems for Agents
 - 6- Planning and Reasoning
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Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness honored him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lighting is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.



Income Tax ACT 2025

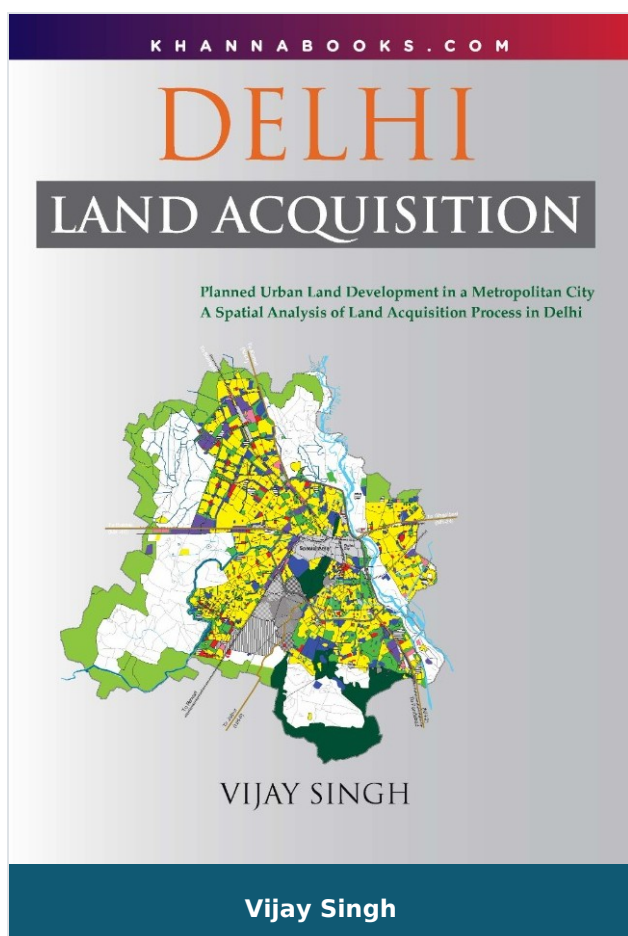
Author :	Vijay Singh
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ISBN 10 :	9309430257
E-ISBN 13 :	978-93-09430-25-1
Edition :	First
Pages :	732
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 2,195.00
Categories :	Civil Engineering, New Arrivals, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The Income Tax 2025 Act notified on the 21st August 2025 has come into force with effect from the 1st April 2026. The present Reader-friendly version of the Income Tax Act 2025 with its online Interactive Flipbook will be of great help to the practitioners as well students of Income Tax in India. The coloured online flipbook provided free with the print book is also mobile responsive. The gazette notification of the Income Tax Act 2025 can be downloaded from the online flipbook. The section-wise coloured comparative tables of the Income Tax Act 1961 and the Income Tax Act 2025; and the Income Tax Rules 2026 notified on the 20th March 2026 are provided in the online flipbook for ready reference. With a Free On-line Real Time Updated Interactive Flipbook of Income Tax Act 2025 and its PDF.

Author

Vijay Singh



Delhi (Land Acquisition) with CD

Author :	Vijay Singh
ISBN 13 :	978-93-09430-28-2
ISBN 10 :	9309430281
E-ISBN 13 :	978-93-09430-28-2
Edition :	First
Pages :	280
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Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 1,195.00
Categories :	Civil Engineering, New Arrivals, Book Store
Condition Type :	New
Country Origin :	India

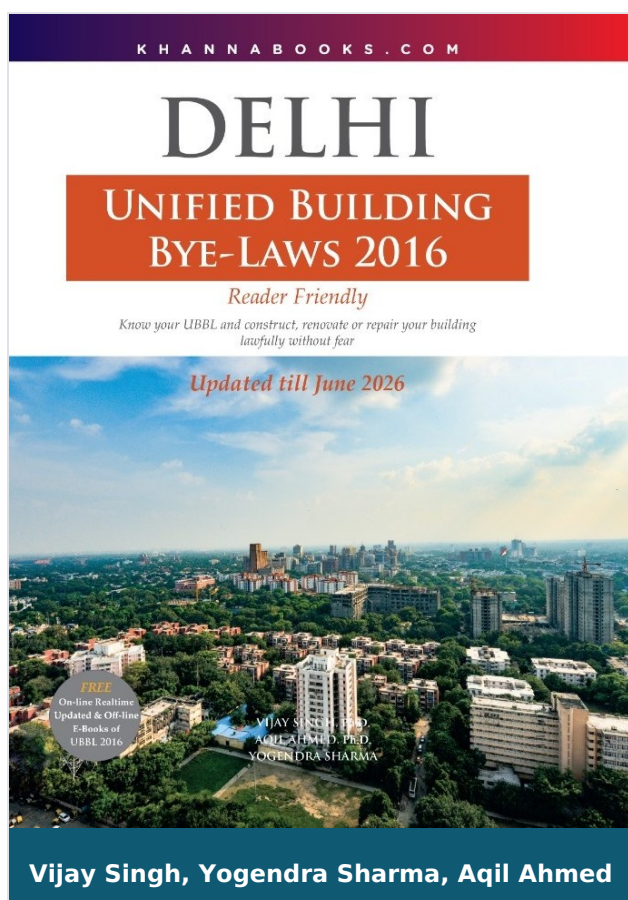
Product Description

The first comprehensive and analytical study of the land acquisition process in Delhi where the urbanization was undertaken by the State acquiring the rural land on a large scale and converting it to urban uses. It is an important contribution in the domain of public policy and its application in the framework of time and space.

Along with Colour E-book and data tables in word document format.

Author

Vijay Singh



Delhi (Unified Building Bye-Laws 2016 (Colour Edition)

Author : Vijay Singh, Yogendra Sharma, Aqil Ahmed

ISBN 13 : 978-93-09430-32-9

ISBN 10 : 930943032X

E-ISBN 13 : 978-93-09430-32-9

Edition : First

Pages : 412

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 995.00

Categories : [Civil Engineering, New Arrivals, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Annexure-1 The Building Bye-Laws for Delhi 1983 were revised in 2016 after a long spell of almost 33 years and now updated in 2020. In these years, Delhi's built landscape has enormously changed. Not only the volume of built-up area has increased, but the types of built-up constituents have also grown ranging from plotted construction to multiple flats; from authorised to unauthorised colonies, from JJ Clusters to built-up slums to name only a few, each one with a different character altogether, posing various kinds of challenges to the objective of developing a planned Delhi.

The understanding of Building Bye-laws which guide the construction, is very important if their compliance is to be a reality in Delhi. Incidentally, in their notified format, the Unified Building Bye-laws for Delhi 2016 are only a document describing a set of rules for buildings in Delhi, most of times, difficult to comprehend their simple meaning and implications by one's own builders.

For better compliance, it is necessary that these bye-laws are presented in a reader friendly way for their easy understanding by professionals as well as by people who want to build, repair or renovate their houses without any technical knowledge. It is for this purpose, that a reader friendly version of Unified Building Bye-laws 2016 has been designed.

The on-line real time updated e-book of UBBL for Delhi 2016 in the form of a flip book would keep the user updated of all the amendments and notifications on real time basis whereas its off-line version would provide the ease of reading and searching and the PDF version for using it for professional purposes.

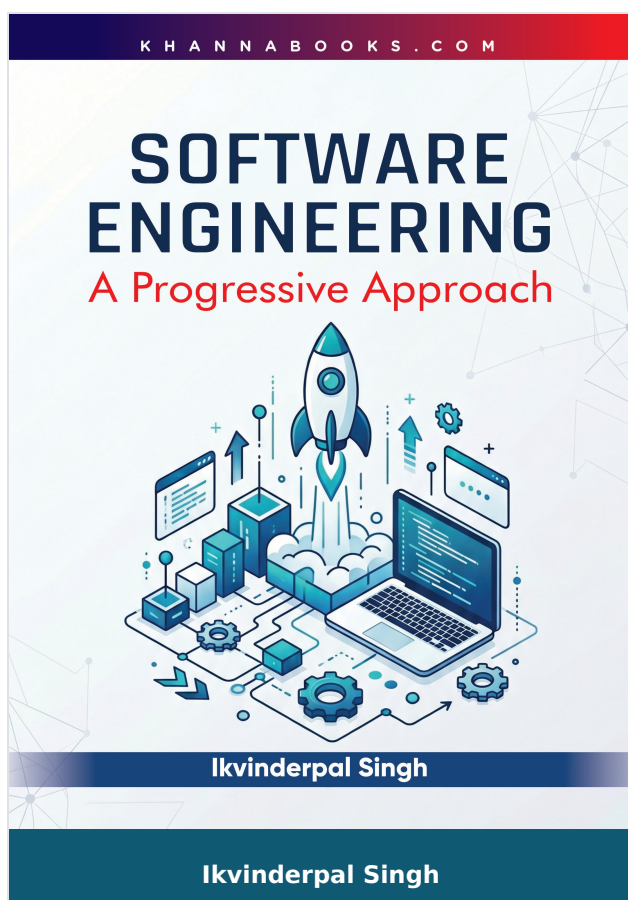
The set of print book with its on-line and off-line versions will be a valuable asset for architects, building professionals, building owners, contractors & students.

Author

Vijay Singh

Yogendra Sharma

Aqil Ahmed



SOFTWARE ENGINEERING A Progressive Approach

Author : Ikvinderpal Singh

ISBN 13 : 978-93-82609-22-3

ISBN 10 : 9382609229

E-ISBN 13 : 978-93-82609-22-3

Edition : First

Pages : 536

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 699.00

Categories : [Computer Science Engineering,](#)
[Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Software Engineering: An Engineering Approach provides a comprehensive and reader-friendly introduction to software development as a rigorous engineering discipline. Tailored for upper-level undergraduate students, first-year graduate students, and industry practitioners, this text bridges the gap between chaotic programming habits and mature software practices. It outlines structural development life cycles, detailed cost estimation metrics, design modeling frameworks, and exhaustive verification methodologies. By highlighting the integration of Computer-Aided Software Engineering (CASE) tools, the text provides readers with the practical skills needed to deploy high-quality, reliable, and maintainable systems. Ultimately, this volume serves as an essential manual for navigating the rapid technical shifts within modern industrial applications.

Salient Feature:

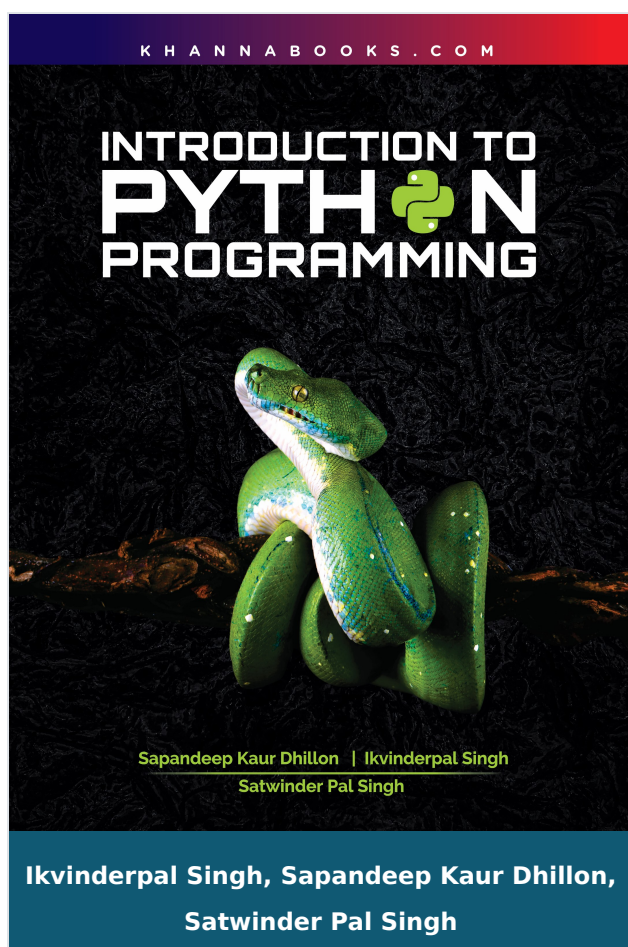
- **Foundational Learning Paradigms:** Evaluates core software development principles, stakeholder management roles, Davis's rules, and CMM quality frameworks to establish structural programming discipline.
- **Essential Algorithms:** Covers foundational process pathways including Waterfall, prototyping, incremental growth, Spiral architectures, and rapid development life cycles.
- **Practical Implementation:** Explains algorithmic test-case design using equivalence partitioning, boundary values, structural basis paths, and systematic integration testing methodologies.
- **Data Strategy:** Integrates data flow diagrams, structured dictionaries, entity relationships, and structural object-oriented UML modeling to streamline architectural configurations.
- **Model Optimization:** Maximizes lifecycle efficiency through automated CASE tool environments, repository coordination architectures, and software quality assurance

planning guides.

Author

Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.



INTRODUCTION TO PYTHON PROGRAMMING

Author : Ikvinderpal Singh, Sapandeep Kaur Dhillon, Satwinder Pal Singh

ISBN 13 : 978-93-09430-36-7

ISBN 10 : 9309430362

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 695.00

Categories : [New Arrivals, Emerging Technologies, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

INTRODUCTION TO PYTHON PROGRAMMING Python Programming offers a practical and comprehensive introduction to Python, covering core programming concepts, data structures, functions, modules, exception handling, file handling, and object-oriented programming. The book also introduces NumPy and Pandas for numerical computing and data analysis. With clear explanations, solved examples, programming exercises, and real-world applications, it is an ideal resource for undergraduate and postgraduate students, beginners, and self-learners. **Salient Feature**

- Student-friendly and easy-to-understand approach.
- Covers Python fundamentals to intermediate concepts.
- Solved examples, practical programs, and exercises.
- Algorithms and programming logic explained step by step.
- Includes NumPy and Pandas for data analysis.

Author

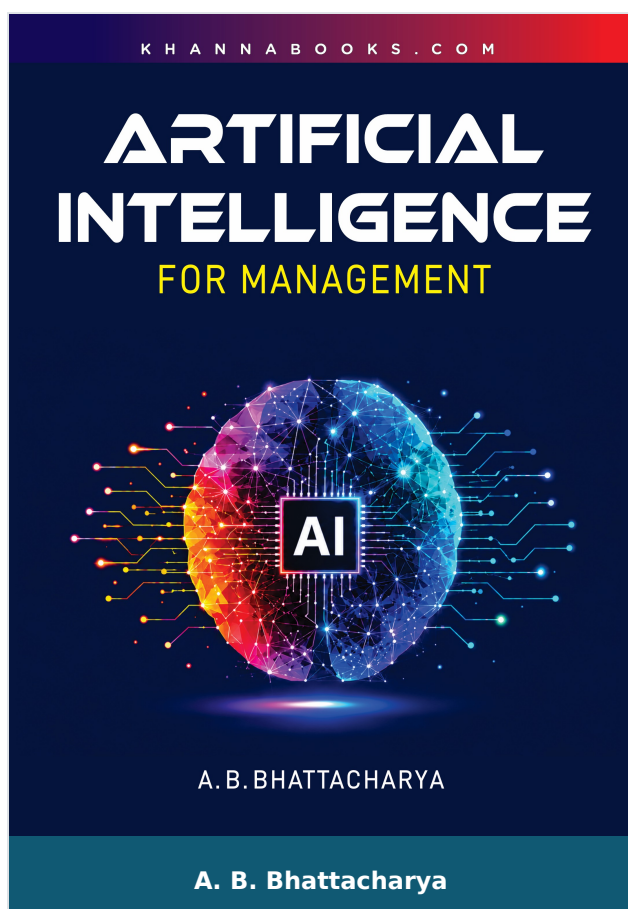
Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.

Sapandeep Kaur Dhillon

Sapandeep Kaur Dhillon is an assistant professor in the department of computer science, Guru Nanak Dev University, Amritsar, bringing 12+ years of dedicated academic experience to the discipline. She has authored 4 books, published 10+ research papers across national and international journals, reflecting her steady engagement with emerging trends in computing. Her academic interests span data structures, Compiler Design, and Artificial Intelligence, where she integrates foundational theory with practical, algorithmic thinking.

Satwinder Pal Singh



Artificial Intelligence For Management

Author : A. B. Bhattacharya

ISBN 13 : 978-93-09430-11-4

ISBN 10 : 9309430117

E-ISBN 13 : 978-93-09430-11-4

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Pages : 176

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

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Categories : [Computer Science Engineering](#)

Condition Type : New

Country Origin : India

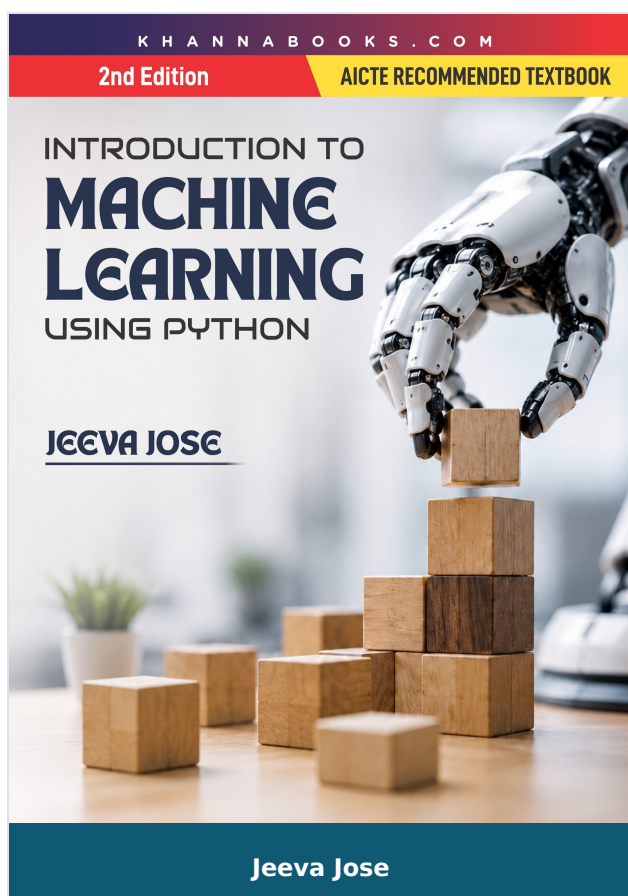
Product Description

Artificial Intelligence is transforming the way organizations operate, decide, and grow. This book bridges the gap between AI concepts and real-world managerial applications, empowering managers to make informed decisions, drive innovation, and lead responsibly in the AI era.

Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness honored him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lightning is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.



Introduction to Machine Learning Using Python

Author :	Jeeva Jose
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Edition :	Second
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 268.00
Categories :	Computer Science Engineering, New Arrivals, University Recommended, Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Salient features of this book:

AICTE recommended book for Indian Universities and Autonomous colleges.

- This book can be used as a self study material or for instructor assisted teaching.
- Frequent questions for interviews and examinations are provided.

Topics Covered in this Book

Chapter 1. Introduction to Machine Learning

Chapter 2. Regression

Chapter 3. Classification

Chapter 4. Cluster Analysis

Chapter 5. Advanced Multivariate Analysis

Chapter 6. Semi-supervised, Reinforcement & Active Learning

Chapter 7. Deep Learning

Chapter 8. Introduction to TensorFlow

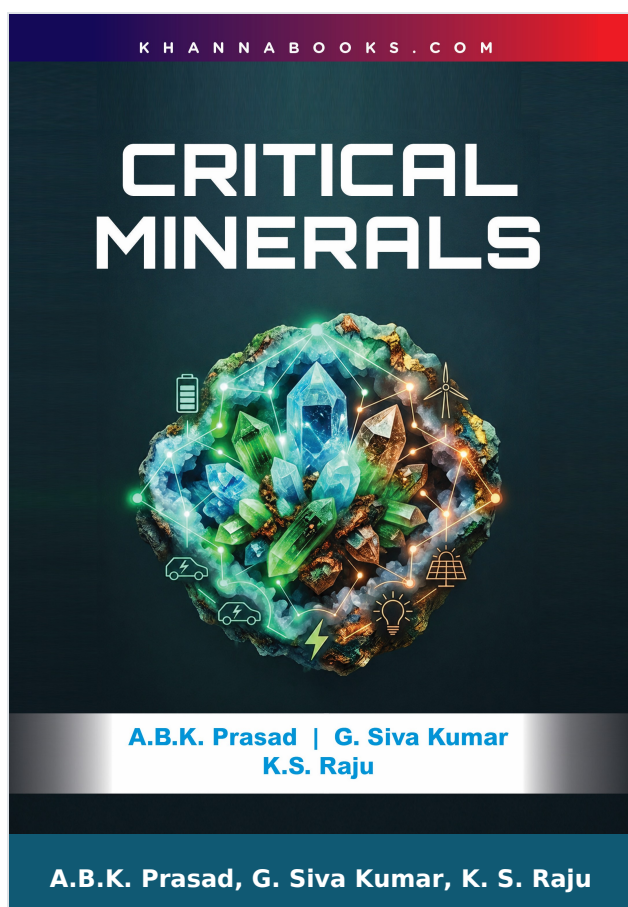
Chapter 9. Regression using TensorFlow

Chapter 10. Artificial Neural Networks using TensorFlow

Author

Jeeva Jose

Dr. Jeeva Jose completed Ph. D. in Computer Science from Mahatma Gandhi University, Kerala, India and is a faculty member at BPC College, Kerala. Her passion is teaching and areas of interests include world wide web, Data Mining and Cyber laws. She has been in higher education for the last 15 years and has completed three research projects funded by UGC and KSCSTE. She has published more than twenty research papers in various refereed journals and conference proceedings. She has edited three books and has given many invited talks in various conferences. She is a recipient of ACM-W Scholarship provided by Association for Computing Machinery, New York.



Critical Minerals

Author : A.B.K. Prasad, G. Siva Kumar, K. S. Raju

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Categories : [New Arrivals, Metallurgical Engineering, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

The global transition from fossil fuel energy to green energy heavily relies on critical minerals containing lithium, nickel, cobalt, copper and Rare Earth Elements (REEs). Critical minerals provide a comprehensive guide to these essential resources, detailing their geological occurrence, mining techniques and processes. It highlights their indispensable role in manufacturing modern technologies from electric vehicle (EV) batteries, wind turbines to advanced digital electronics and strategic defence systems. Beyond the technical aspects, the book critically examines the geopolitical landscape, addressing market monopolies, price volatility, and supply chain uncertainties. It also sheds light on the environmental concerns of mining and India's strategic push for self-reliance through the National Critical Mineral Mission. Written with clarity, it serves as a highly useful resource for university students pursuing engineering, geology, metallurgy, and material sciences, as well as industry professionals navigating this vital sector.

Salient Features

- Strategic Classification:** Classifies critical minerals based on economic importance and global supply
- Rare Earth Elements:** Covers the occurrence and complex chemical extraction processes of REEs
- Lithium Processing:** Details advanced extraction techniques from hard rock pegmatites and continental brines
- Analytical Methods:** Explains the use of advanced analytical instruments like ICP-MS, XRF, and LIBS for precise elemental analysis and mineral identification
- Green Energy:** Explores the use of critical minerals and their compounds in EV motors, wind turbines, and solar panels
- Geopolitics:** Analyses international trade policies, market monopolies and supply chain vulnerabilities
- India's Initiatives:** Details the National Critical Minerals Mission and domestic resource potential
- Environmental Impact:** Discusses the ecological footprints of mining and processing operations and need for sustainability.

Author

A.B.K. Prasad

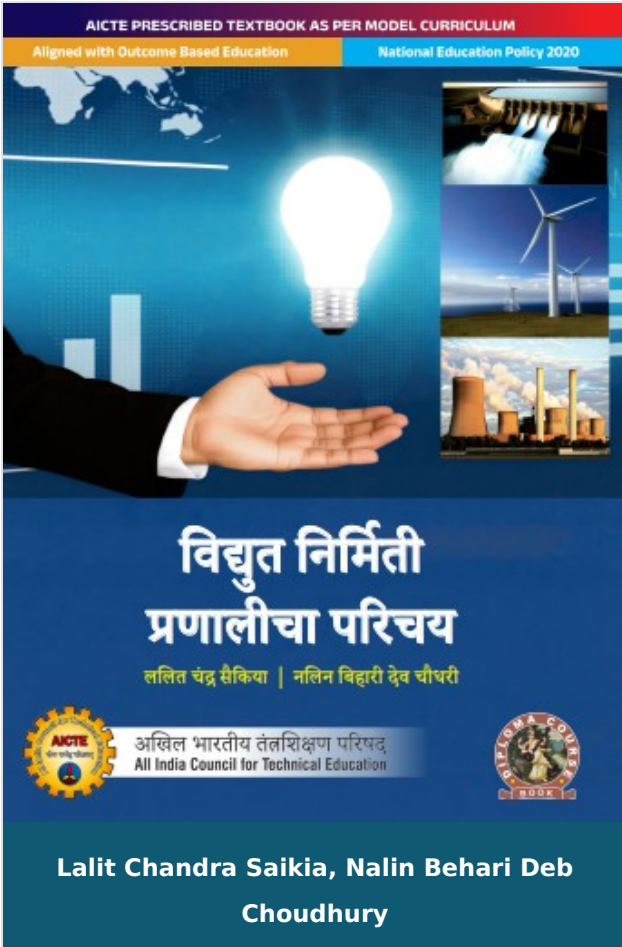
A.B.K. Prasad,

G. Siva Kumar

G. Siva Kumar, K.S. Raju

K. S. Raju

A.B.K. Prasad, G. Siva Kumar, K.S. Raju



Introduction to Electric Generation Systems

Author :	Lalit Chandra Saikia, Nalin Behari Deb Choudhury
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Product Description

Introduction to Electric Generation Systems

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Assam Dr.

Nalin Behari Deb Choudhury

Dr. Nalin Behari Deb Choudhury Professor National Institute of Technology Silchar, Assam