

Introduction to Computing & Problem Solving with PYTHON

Author: Jeeva Jose

ISBN 13: 978-93-82609-81-0

ISBN 10: 93-82609-81-4

E-ISBN 13: 978-93-82609-81-0

Edition: Revised

Pages: 288

Type of book : Paperback

Weight (g): 400.00

Year: 2025

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 355.00

Computer Science Engineering,

Categories : Computer Science Engineering,

Emerging Technologies

Condition Type: New

Country Origin: India



Product Description

This book 'Introduction to Computing and Problem Solving with Python' will help every student, teacher and researcher to understand the computing basics and advanced Python Programming language. The Python programming topics include the reserved keywords, identifiers, variables, operators, data types and their operations, flow control techniques which include decision making and looping, modules, files and exception handling techniques. Advanced topics like Python regular expressions, Database Programming and Object Oriented Programming concepts are also covered in detail. All chapters have worked out programs, illustrations, review and frequently asked interview questions. The simple style of presentation makes this a friend for self-learners. More than 300 solved lab exercises available in this book is tested in Python 3.4.3 version for Windows. The book covers syllabus for more than 35 International Universities and 45 Indian universities like Dr. APJ Abdul Kalam Technological University, Christ University, Savitribai Phule Pune University, University of Delhi, University of Calicut, Mahatma Gandhi University, University of Mumbai, AICTE, CBSE, MIT, University of Virginia, University of Chicago, University of Toronto, Technical University of Denmark etc.

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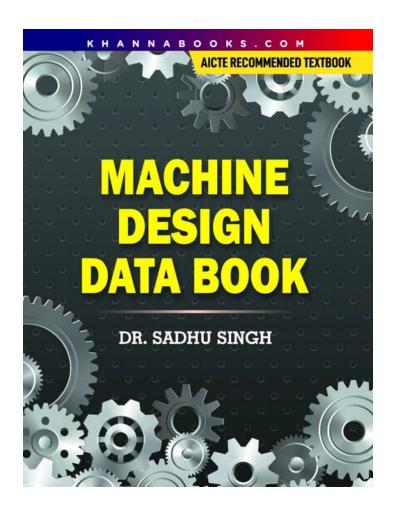
Chapter 1: Introduction to computers. Chapter 2: Program Logic and Flowcharts. Chapter 3: Introduction to Python. Chapter 4: Data Types and Operations. Chapter 5: Flow Control. Chapter 6: Functions. Chapter 7: Modules and Packages. Chapter 8: File Handling. Chapter 9: Object Oriented Programming. Chapter 10: Exception Handling. Chapter 11: Regular Expressions. Chapter 12: Database Programming.



Authors

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. P. Sojan Lal P. Sojan Lal was awarded PH. D. from Cochin University of Science and technology, kerala, India. He is Professor, department of computer science and engineering, MBITS, kerala, India and Research supervisor for PH. D. programs of University of petroleum & Energy Studies, Dehardun, India as well as school of computer science, Mahatma Gandhi University, kerala, India. He has 29 Years of academic and industrial experience with 60 publications inclusive of two technical books. His joint publications are recorded with world records India (2014) for most number of papers in several international technical journals within short duration. He has also obtained MBA from Strathclyde Business School, Scotland, UK and is a fellow of the Institution of engineers (FIE-India). He was the district Operation Board member for ASME, Middle east and Africa region. He is a member of ISTE, ASME, IEEE, CSI and engineering Council (UK). He is listed in marquis who's who in the world since 2009 as the biographical reference representing the world's most accomplished individuals.





Machine Design Data Book

Author: Sadhu Singh

ISBN 13: 978-93-82609-51-3

ISBN 10: 93-82609-51-2

E-ISBN 13: 978-93-82609-51-3

Edition: Revised

Pages: 320

Type of book : Paperback

Weight (g): 450.00

Year: 2023

Language: English

Publisher: Khanna Publishing House

M.R.P: Rs 360.00

Categories: Mechanical Engineering,

Mechanical Engineering

Condition Type: New

Country Origin: India

Product Description

The book shall be useful to the students and teacher of all Indian Universities and Institutions in the branches of mechanical Engineering, Production Engineering, Aeronautical Engineering, Agricultural Engineering, Chemical Engineering and other allied branches.



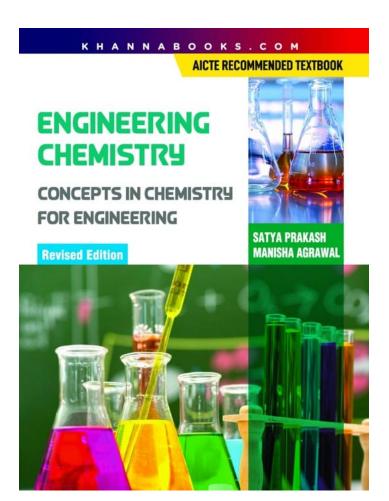
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Author

Sadhu Singh Dr. Sadhu Singh is a retired professor of Mechanical Engineering of Govind Ballabh Pant university of Agriculture & Technology, Pantnagar. He graduated in Mechanical Engineering with Hons, from Punjab University, Chandigarh, M.Sc. (Mechanical Design & Production Engineering) and Ph.D. from Kurukshetra University, Kurukshetra. His teaching experience spans 15 years at Regional Engineering College (now NIT), Kurukshetra and 19 years at Pantnagar University. He has been Professor & Head, Mechanical Engineering Departmentand Dean, Faculty of Engineering & Technology at Pantnagar. He has been Director (Colleges). Punjab Technical University, Jalandhar.





Engineering Chemistry

Author: Manisha Agrawal

ISBN 13: 978-93-80016-75-7

ISBN 10: 93-80016-75-1

E-ISBN 13: 978-93-80016-75-7

Edition: Revised

Pages: 240

Type of book : Paperback

Weight (g): 350.00

Year: 2024

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 399.00

APPPLIED SCIENCES &

Categories: HUMANITIES, APPPLIED

SCIENCES & HUMANITIES

SKU: 9789380016757

Condition Type: New

Country Origin: India

Product Description

The book has been written in simple language to help self study. The concepts have been explained with the help of equations and diagrams. The diagrams have been nicely labeled for clear understanding. Numerical examples have been solved with systematic steps. Solved and unsolved problems have been included. Experiments prescribed for engineering chemistry course have been included, theory and principle of each experiment have been explained in detail. Experimental producers have been written in an step wise manner. Viva voice has been discussed at the end of each experiment. Important points have been emboldened.



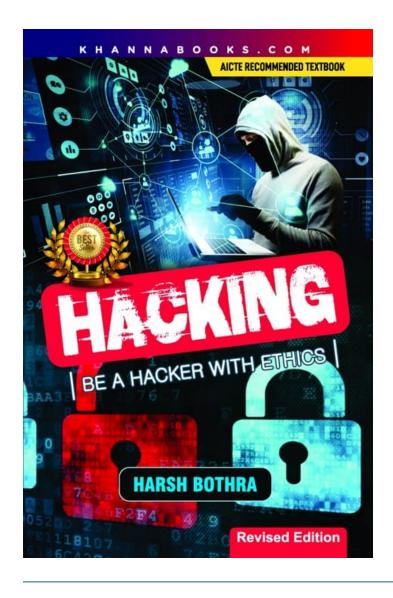
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Chapter 1: Atomic and Molecular Structure. Chapter 2: Spectroscopic Techniques and Applications. Chapter 3: Intramolecular Forces and Potential Energy Surfaces. Chapter 4: Use of Free Energy in Chemical Equilibria. Chapter 5: Periodic Properties. Chapter 6: Stereochemistry and Organic Reactions. Objectives Index

Authors

Satya Prakash "Satya Prakash is presently professor of Chemistry at Guru Teg Bahadur Institute of Technology, GGSIP University, New Delhi. He has earlier been associated with teaching and research work at Delhi University, University of Jodhpur, University of New South Wales, Sydney (Australia), La Trobe University, Melbourne (Australia) and University of Zambia, Zambia for about 40 years. Dr. Prakash has published about 25 research papers in National and International Journals of repute. He has also vetted and edited a number of books published by the Ministry of HRD, Government of India." Manisha Agrawal Dr. Manisha Agarwal is Dean, Basic Sciences at Chhattisgarh Swami Vivekanand Technical University Bhilai. Professor and head, Department of Chemistry at Rungta College of Engineering & Technology, Bhilai, (C.G.). She completed Ph. D. from Pt. Ravishankar Shukla University, Raipur in 1999. Since then she has been engaged in teaching and research. Dr. Manisha has authored several papers which have been published in SCI indexed International and National journals. She has organised more than 10 Conferences and workshops as convener among them four were International Conferences. She has credited five books as author, three patents as inventor and applicant and six Research Project Grants as Principal Investigator from Government Funding agencies like AICTE, CCOST and CSVTU. She has supervised 5 M. Phil. Students, 12 BE and Diploma students. Presently 6 research scholars are perusing Ph. D. under her supervision.





Hacking

Author: Harsh Bothra

ISBN 13: 978-93-86173-05-8

ISBN 10: 93-86173-05-0

E-ISBN 13: 978-93-86173-05-8

Edition: Revised

Pages: 200

Type of book : Paperback

Weight (g): 260.00

Year: 2024

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 199.00

Categories: Computer Science Engineering,

Emerging Technologies

Condition Type: New

Country Origin: India

Product Description

In today's time where geographical boundaries are easily covered by Internet and computers with click of a button, there are lies risks within the ecosystem. Hacking somebody's details could lead to damages and losses. In this book we have tried to provide a glimpse into the Technology world of the common terms and procedures used by the hackers to intrude into the system. It is a humble effort to make students understand with help of Diagram and Images the procedures through which the vulnerabilities are exploited. It is written in simple and lucid language to be understood by one and all.



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Chapter 5: Scanning.

PART-B. PERFORMING THE HACK

Chapter 6: Hacking Into System.

Chapter 7: Trojans & Backdoors.

Chapter 8: Viruses & Worms.

Chapter 9: Sniffing, Packet Analysis & Session.

Chapter 10: Social Engineering.

Chapter 11: Cryptography.

Chapter 12: Steganography.

Chapter 13: Vulnerability Assessment.

Chapter 14: Deep Web & Dark Net.

PART-C. ADVANCE HACKING

Chapter 15: Denial of Service.

Chapter 16: Web Application & Web Server Penetration Testing.

Chapter 17: Wireless Network Exploitation.

Chapter 18: Additional References.



Author

Harsh Bothra is a Computer Science Engineer, Information Security Researcher & Ethical Hacker. He Authored a book Titled Hacking: Be A hacker With Ethics Recommended by MHRD, AICTE & NITTTR, Harsh is a Founder & CEO of Cyber Square info Solutions, Present Chapter Leader of OWASP Bikaner and former OWASP- Jaipur Chapter Lead for more than two years. He has been actively training students across various reputed institutions. Alongside, Harsh also works in developing software & web applications. Harsh has a significant interest in exploring various technical domains and spreading his knowledge through online & offline mediums.

