

Jawaharlal Nehru University
Dr. B R Ambedkar Central Library
Science & Art Collection (7th Floor)

October, 2024

Recommended books added to the existing collection

- 1) "Arrow pushing in inorganic chemistry : a logical approach to the chemistry of the main-group elements", Abhik Ghosh and Steffen Berg.
- 2) "The science of electric vehicles : concepts and applications", Frank R Spellman.
- 3) "Electromagnetics made easy", S Balaji.
- 4) "Maya in Physics", N C Panda.
- 5) "Quantum phases of matter", Subir Sachdev.
- 6) "Quantum computation", Helmut Bez and Tony Croff.
- 7) "Quantum computing for programmers", Robert Hundt.
- 8) "Customizable and adaptive quantum processors : theory and applications", Nadia Nedjah and Luiza de Macedo Mourelle.
- 9) "Soft computing : recent advances and applications in engineering and mathematical sciences", ed. by Pradip Debnath, Oscar Castillo and Poom Kumam.
- 10) "Analog and pulse circuits", Dayadi Lakshmaiah, C B Rama Rao and K. Kishan Rao.
- 11) "Matrix methods of structural analysis (3rd ed.)", Madhu B Kanchi.
- 12) "Advanced VLSI design and testability issues", ed. by Suman Lata Tripathi, Sobhit Saxena and Sushanta Kumar Mohapatra.
- 13) "Computational fluid dynamics for mechanical engineering", George Qin.
- 14) "GATE engineering mathematics (For B.Tech/B.E students)", Dipak Kumar Jana.
- 15) "Contemporary ELT strategies in engineering pedagogy : theory and practice", ed. by S Mekala and Geetha R.
- 16) "Introduction to engineering and scientific computing with Python", David E Clough and Steven C Chapra.
- 17) "The power of geometric algebra computing", Dietmar Hildenbrand.
- 18) "Mathematical modeling", Simon Serovajsky.
- 19) "A course on abstract algebra (2nd ed.)", Minking Eie and Shou Te Chang.
- 20) "A short introduction to string theory", Thomas Mohaupt.
- 21) "Indian mathematics : an introduction", Ashok Jhunjhunwala.
- 22) "Optimization using linear programming (Through software) (2nd ed.)", A J Meitei and Veena Jain.
- 23) "Statistical methods in human genetics", Indranil Mukhopadhyay and Partha Pratim Majumdar : Indian Statistical Institute Series.
- 24) "Smart proxy modeling : artificial intelligence and machine learning in numerical simulation", Shahab D. Mohaghegh.

- 25) "Machine learning for edge computing : frameworks, patterns and best practices", ed. by Amitoj Singh, Vinay Kukreja and Taghi Javdani Gandamani.
- 26) "Introduction to electronic materials and devices", Sergio M Rezende.
- 27) "Digital signal processing : an introduction", D Sundararajan.
- 28) "Bioinformatics for evolutionary biologists : a problems approach (2nd ed.)", Bernhard Haubold & Angelika Borsch-Haubold.
- 29) "Chemical biology and drug discovery", Marco F. Schmidt.
- 30) "Energy materials : a short introduction to functional materials for energy conversion and storage", Aliaksander S Bandarenka.
- 31) "Principles of molecular regulation", ed. by P Michael Conn and Anthony R. Means.
- 32) "Fundamentals of thermodynamics", John H S Lee & K Ramamurthi.
- 33) "3D printing of sensors, actuators, and antennas for low-cost product manufacturing", ed. by Rupinder Singh, Balwinder Singh Dhaliwal and Shyam Sundar Pattnaik."
- 34) "Internet of things and fog computing-enabled solutions for real-life challenges", ed. by Anil Saroliya...[[et. al].
- 35) "An introduction to machine learning(3rd ed.)", Miroslav Kubat.
- 36) "Data science without makeup : a guidebook for end users, analysts and managers", Mikhail Zhilkin.
- 37) "Artificial intelligence in information and communication technologies, healthcare and education : a roadmap ahead", ed. by Parikshit N Mahalle ...[et. al].
- 38) "Cloud data center network architectures and technologies", Lei Zhang and Le Chen.
- 39) "Nanoscale electronic devices and their applications", Khurshed Ahmad Shah and Farooq Ahmad Khanday.
- 40) "Modern metaheuristics in image processing", Diego Oliva..[et.al].
- 41) "Modern manufacturing technology : spotlight on future", Jitendra Kumar Kaliyar and Ranjeet Kumar Sahu.
- 42) "Advances in manufacturing technology : computational materials processing and characterization", ed. by Rupinder Singh, Sukhdeep Singh Dhami and B S Pabla.
- 43) "Security and resilience of cyber physical systems", ed. by Krishan Kumar..[et. al].
- 44) "Fungi of Odisha (Part-I)", Nibha Gupta...[et. al]
- 45) "Fungi of Odisha (Part-II)", Nibha Gupta...[et. al]
- 46) "Mammalian toxicology of insecticides", ed. by Timothy C Marrs.
- 47) "Design and strategy in organic synthesis : from the chiron approach to catalysts", Stephen Hanessian, Simon Girous and Bradley L. Merner.
- 48) "Electric circuits laboratory manual (Synthesis Lectures on Electrical Engineering)", Farzin Asadi
- 49) "Introduction to electronic devices", Corrado Di Natale.
- 50) "Immunology for medical students (3rd ed.)", Matthew Helbert.
- 51) "Evolutionary intelligence for healthcare applications", T. Ananth Kumar...[et. al].
- 52) "Artificial intelligence and digital systems engineering", Adedeji B Badiru.
- 53) "A handbook of modern clinical medicine for Ayurveda students (Modern aspects of kayachikitsa based on UG and PG Syllabus", Rima Das.

- 54) "History of Ayurveda (The Chukhamba Ayurveda Studies 14)", Deepak Yadav 'Premchand'.
- 55) "Traditional and alternative medicine : research & policy perspectives", Tuley De Silva...[et. al].
- 56) "Inderbir Singh's Textbook of Human histology : as per the competency-based medical education curriculum (NMC) (10th ed.)", Pushpalatha K, Deepa Bhat.
- 57) "Essentials of panchkarma therapy" , Pulak Kanti Kar.
- 58) "Biodiversity , traditional knowledge and intellectual property rights", S Ram Reddy..[et. al].
- 59) "Global art in local art worlds : changing hierarchies of value", ed. by Oscar Salemink...[et. al].
- 60) "Disability and art history from antiquity to the twenty-first century", ed. by Ann Millett-Gallant and Elizabeth Howie.
- 61) "Museums and wealth : the politics of contemporary art collections", Nizan Shaked.
- 62) "Rethinking dance history : issues and methodologies(2nd ed.)", Geraldine Morris and Lorraine Nicholas.
- 63) "Curating in a time of ecological crisis : biennales as agents of change", Felicity Fenner.
- 64) "Incapacity and theatricality : politics and aesthetics in theatre involving actors with intellectual disabilities", Tony McCaffrey.
- 65) "Raising the curtain : recasting women performers in India", Lata Singh.
- 66) "The monstrous-feminine : film, feminism, psychoanalysis (2nd ed.)" , Barbara Creed.
- 67) "Music as atmosphere : collective feelings and affective sounds", ed. by Friedlind Riedel and Juha Torvinen.
- 68) "Disability, space, architecture : a reader", ed. by Jos Boys.
- 69) "Uttam Kumar : a life in cinema", Sayandeb Chowdhury.