

Network Analysis and Synthesis

Author: N.K. Sharma

ISBN 13: 978-93-82609-21-6

ISBN 10: 93-82609-21-0

E-ISBN 13: 978-93-82609-21-6

Edition: 1

Pages: 536

Type of book : Paperback

Weight (g): 720.00

Year: 2021

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 499.00

Categories: Electrical, Electronics &

Communication Engineering

Condition Type: New

Country Origin: India

Product Description

This book is written in a very lucid and simplified manner to explain the concepts of 'network analysis and synthesis' It describes network terminology, various methods used to simplify networks, graph theory, various theorems, network functions, two port networks, positive real functions, network synthesis and design of passive filters and concepts of active filters.

Table of Contents

Chapter 1: Introduction. Chapter 2: Graph Theory. Chapter 3: Network Theorems. Chapter 4: Network Function.

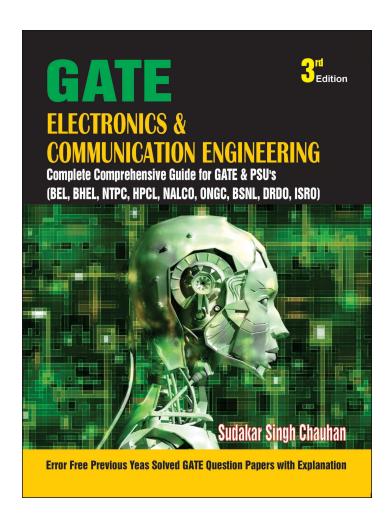
Chapter 5: Two Port Network. Chapter 6: Network Synthesis. Chapter 7: Filters. Index



Author

N.K. Sharma Dr. Nikhlesh Kumar sharma is working as Director of vidya College of Engineering, Bagpat road, Meerut. He has obtained his PH.D. and M. Tech. degree from IIT Kanpur in 2001 and 1993 respectively and B.Sc. (Engg.) in 1986 from Dayalbagh Educational Institute (Deemed University) Agra. He has worked as Director of Institute of Technology for women, GIDA, Gorakhpur and Raj Kumar Goel Engineering College, Ghaziabad. In September 2010, he has joined krishna Institute of engineering and Technology, Ghaziabad as professor & Dean (IR &D). He is a member of Board of studies (electrical and Electronics), Mahamaya Technical University, Noida formerly UP Technical University, Lucknow. He has membership of professional bodies of ISTE and IE(I). He has also worked as procurement officer of MHRD-World Bank TEQIP project. He has supervised 10 M. Tech. Dissertations and 02 Ph. D. thesis.





GATE Electronics & Communication Engineering

Author: S.S. Chauhan

ISBN 13: 978-93-82609-63-6

ISBN 10: 93-82609-63-6

E-ISBN 13: 978-93-82609-63-6

Edition: 3

Pages: 536

Type of book: Paperback

Weight (g): 1030.00

Year: 2015

Language: English

Publisher: Khanna Publishing House

M.R.P: Rs 485.00

Categories: OBJECTIVE TYPE BOOKS

Condition Type: New

Country Origin: India

Product Description

This book contains topic wise solved 20 years paper of GATE in electronics & communication engineering and 5 fully solved new questions for GATE examination to provide to approach and relevancy for the GATE examination. Efforts have been made to provide error free answer & tricky solutions and explanations. It has been kept in consideration that the book should fulfill the need of GATE examination standard and syllabus.



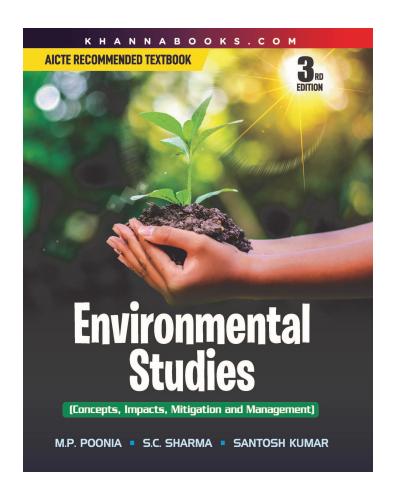
Table of Contents

Chapter 1: Network Theory. Chapter 2: Electronic Devices & Analog Circuits. Chapter 3: Digital Circuits. Chapter 4: Microprocessors. Chapter 5: Control System. Chapter 6: Signals & System. Chapter 7: Communication System. Chapter 8: Electromagnetic Field Theory. Chapter 9: Engineering Mathematics. Chapter 10: General Aptitude. Chapter 11: Gate 2013 Solved Paper. Chapter 12: Gate 2014 Solved Paper. Chapter 13: Gate 2015 Solved Paper. Chapter 14: Model Test Paper-1. Chapter 15: Model Test Paper-2. Chapter 16: Model Test Paper-3. Chapter 17: Model Test Paper-4. Chapter 18: Model Test Paper-5.

Author

S.S. Chauhan Sudakar Singh Chauhan is presently working as an Assistant Professor in the department of Electronics and Communication Engineering at NIT Kurukshetra, Haryana, India. He worked in BSNL (BSNL_JTO) as a Switch Engineer and later on resigned so that he can contribute his knowledge & experience for the betterment of young generation. He was involved in GATE preparation classes and had taught several core courses like Electronics Devices & Analog Circuits, Digital Electronics, Signals & Systems, Control Systems, Microprocessor, Analog and Digital Communication etc.





Environmental Studies

Author: M.P. Poonia

ISBN 13: 978-93-90779-02-4

ISBN 10: 93-90779-02-2

E-ISBN 13: 978-93-90779-02-4

Edition: Third

Pages: 536

Type of book : Paperback

Weight (g): 720.00

Year: 2025

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 495.00

Categories: Computer Science Engineering,

Environmental Engineering

Condition Type: New

Country Origin: India

Product Description

Environmental degradation has been major concern since past few decades, because of economic growth and development across the world has caused major impacts on the Earth's ecosystems and natural resources to an extent that can limit the well-being of future generations. India has recently started realizing the importance of environmental and the environmental education. Following the 2001 Supreme Court directive, the environmental education has been or is being included in the curriculum right from the school stage to College/University level. This book covers the syllabi of all Indian Technical Universities and other Universities for different disciplines, may it be in the name of environmental studies, environmental science. ecology or natural resource management. This book is written to bring about an awareness of a variety of environmental concerns and deals form concepts through impacts, mitigation auto management.



Table of Contents

Chapter 1: Introduction - Multi-Disciplinary Nature of Environmental Studies. Chapter 2: The Earth and the Biosphere (The Earth Sciences). Chapter 3: Ecology. Chapter 4: Ecosystems. Chapter 5: Biodiversity and its Conservation. Chapter 6: Natural Resources. Chapter 7: Forest Resources. Chapter 8: Water Resources. Chapter 9: Mineral Resources. Chapter 10: Land (Soil) Resources. Chapter 11: Energy Resources. Chapter 12: Food Resources. Chapter 13: Environmental Pollution (Hazards and Control). Chapter 14: Waste Management. Chapter 15: Disaster Management. Chapter 16: Social Issues. Chapter 17: Environmental Challenges. Chapter 18: Human Population and the Environment. Chapter 19: Resettlement and Rehabilitation (R&R). Chapter 20: Environmental Protection. Chapter 21: Environmental Legislations. Chapter 22:Environmental Impact Assessment (EIA). Chapter 23: Environmental Management and Environmental Management Plan. Chapter 24: Field Work (Project Work). Exercise Question (Distinguishing, Short Answer Questions, Expansions, Fill in the Blanks, MC, True-False).



Authors

Dr. M.P. Poonia is presently serving as Vice Chairman, All India Council for Technical Education (AICTE). Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh. Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata. Dr. M.P.Poonia is specialized in the field of Mechanical Engineering. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 8 books with M/s. Khanna Book Publishing Company. S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has actively associated with various environmental and rehabilitation & resettlement issues and successfully resolved various complicated issues. He has also worked as consultant for matters related to safety, environment and R & R. He has written about a dozen books on subjects related to engineering and management including management of projects. Prof. Santosh Kumar, Former Professor of Civil Engineering at the Bihar College of Engineering/NIT Patna, obtained his Bachelor's degree in Civil Engineering from Regional Institute of technology/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph.D from Patna University. Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science. Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a Fellow of Institution of engineers India; Chairman Indian Water Resources Society (Patna Chapter).

