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[Irrigation Engineering and Hydraulic Structures](#) Jul 11 2022

[Irrigation Engineering and Hydraulic Structures](#) Nov 03 2021 *Irrigation Engineering and Hydraulic Structures* comprehensively deals with all aspects of Irrigation in India, soil moisture and different types of irrigation systems including but not limited to Sprinkler, Tubewell, Canal and Micro-Irrigation. The book also focuses on Engineering Hydrology, Dams, Water Power Engineering as well as Irrigation Water Management. Special care has been taken to highlight the principles, practices and design procedures that have been widely recommended as well as suggest improvements in the application of existing methods and adoption of latest techniques used in other parts of the world.

[Soil Mechanics and Foundation Engineering](#) Mar 19 2023

[Irrigation Engineering and Hydraulic Structures](#) Jan 17 2023

[International and Interstate River Water Disputes](#) Feb 18 2023

[Bligh's & Lane's Theory of Seepage](#) Dec 04 2021 Seminar paper from the year 2017 in the subject Engineering - General, Basics, grade: 1.5, University of Eastern Philippines, course: Civil Engineering, language: English, abstract: To prevent internal erosion and particle migration, control of seepage pressures and velocities must be given due consideration in the design of hydraulic structures. The percolation length (seepage) for a foundation can be determined by using various methods. There are number of methods available to analyze the problem on seepage and uplift

pressure, and one of which is Bligh's theory of creep. Other methods are Lane's Method, Kosla's Theory and Flow nets. Based on Bligh's theory, that along the bottom contour of the structure, the water creeps, and the percolation length (seepage) can be determined. Lane's theory was patterned from the Bligh's creep theory but according to Lane, Bligh had only calculated the total length of creep by adding both the horizontal and vertical length of creep and part of its limitation is it does not make any distinction between the two creeps. Some experts had criticized Lane's method due to the fact that it is an empirical method and not based on any mathematical approach. However, the method is also widely used due to the simplicity on its approach.

Physical and Engineering Geology Dec 24 2020

Environmental Pollution Control Engineering Sep 01 2021 This Revised Edition Of The Book On Environmental Pollution Control Engineering Features A Systematic And Thorough Treatment Of The Principles Of The Origin Of Air, Water And Land Pollutants, Their Effect On The Environment And The Methods Available To Control Them. The Demographic And Environmental Trends, Energy Consumption Patterns And Their Impact On The Environment Are Clearly Discussed. Application Of The Physical, And Chemical Engineering Concepts To The Design Of Pollution Control Equipment Is Emphasized. Due Importance Is Given To Modelling, Quality Monitoring And Control Of Specific Major Pollutants. A Separate Chapter On The Management Of Hazardous Wastes Is Added. Information Pertaining To Indian Conditions Is Given Wherever Possible To Help The Reader Gain An Insight Into India Sown Pollution Problems. This Book Is Mainly Intended As A Textbook For An Integrated One-Semester Course For Senior Level Undergraduate Or First Year Post-Graduate Engineering Students And Can Also Serve As A Reference Book To Practising Engineers And Decision Makers Concerned With Environmental Pollution Control.

Soil Mechanics & Foundation Engineering In Si Units Sep 13 2022 Part - 1. Fundamentals of Soil Mechanics : Introduction * Basic Definitions and Simple Tests * Practical Size Analysis * Plasticity Characteristics of Soils * Soil Classification * Clay Mineralogy and Soil Structure * Capillary Water * Permeability of Soil * Seepage Analysis * Effective Stress Principle * Stresses due to Applied Loads * Consolidation of Soils * Shear Strength * Compaction of Soils * Soil Stabilisation * Drainage, De-watering and Wells Part-2. Earth Retaining Structures and Foundation Engineering :. Site Investigations * Stability of Slopes * Earth Pressure Theories * Design of Retaining Walls and Bulkheads * Braced Cuts and Cofferdams * Shafts, Tunnels and Underground Conducts * Bearing Capacity of Shallow Foundations * Design of Shallow Foundations * Pile Foundation * Drilled Piers and Caissons * Well Foundations * Machine Foundations * Pavement Design * Laboratory Experiments * Introduction to Rock Mechanics * Geotechnical Earthquake Engineering * Glossary of Common Terms * Miscellaneous objective-type questions * References * Publications of Bureau of Indian Standards * Index.

MCQs In Medical Laboratory Technology And Molecular Biology Aug 12 2022 "About this book : • All MCQs from Haematology, Microbiology, Biochemistry, Histopathology, Molecular Biology etc. • Previous Questions from AIIMS, PGIMER, JIPMER. Vast syllabus of Medical Laboratory Technology can be reviewed in short period "

A Textbook of Geology Feb 23 2021

Comprehensive Textbook on Vitiligo Jun 10 2022 Vitiligo is a disorder having a significant impact in dark-skinned individuals. Along with the historical, cultural, and psychological aspects of the disease the multifactorial pathogenesis of this disorder is discussed in detail with special emphasis on the newer hypotheses proposed in the causation. Descriptions of the clinical aspects of the disease are supplemented with clinical photographs covering the latest therapeutic and surgical treatment options. Nonconventional treatments such as cosmetic camouflage and tattooing are also discussed. Topics of controversy such as the role of diet, patient selection for surgery, and so on, are covered in depth. Key Features

Discusses the recent advances in treatment Evidence-based approach Quality of life and psychological aspects covered Nonconventional treatment options included with practical tips on vitiligo surgery Controversial topics covered

Conference Proceedings of ICDLAIR2019 May 29 2021 This proceedings book includes the results from the International Conference on Deep Learning, Artificial Intelligence and Robotics, held in Malaviya National Institute of Technology, Jawahar Lal Nehru Marg, Malaviya Nagar, Jaipur, Rajasthan, 302017. The scope of this conference includes all subareas of AI, with broad coverage of traditional topics like robotics, statistical learning and deep learning techniques. However, the organizing committee expressly encouraged work on the applications of DL and AI in the important fields of computer/electronics/electrical/mechanical/chemical/textile engineering, health care and agriculture, business and social media and other relevant domains. The conference welcomed papers on the following (but not limited to) research topics: · Deep Learning: Applications of deep learning in various engineering streams, neural information processing systems, training schemes, GPU computation and paradigms, human-computer interaction, genetic algorithm, reinforcement learning, natural language processing, social computing, user customization, embedded computation, automotive design and bioinformatics · Artificial Intelligence: Automatic control, natural language processing, data mining and machine learning tools, fuzzy logic, heuristic optimization techniques (membrane-based separation, wastewater treatment, process control, etc.) and soft computing · Robotics: Automation and advanced control-based applications in engineering, neural networks on low powered devices, human-robot interaction and communication, cognitive, developmental and evolutionary robotics, fault diagnosis, virtual reality, space and underwater robotics, simulation and modelling, bio-inspired robotics, cable robots, cognitive robotics, collaborative robotics, collective and social robots and humanoid robots It was a collaborative platform for academic experts, researchers and corporate professionals for interacting their research in various domain of engineering like robotics, data acquisition, human-computer interaction, genetic algorithm, sentiment analysis as well as usage of AI and advanced computation in various industrial challenges based applications such as user customization, augmented reality, voice assistants, reactor design, product formulation/synthesis, embedded system design, membrane-based separation for protecting environment along with wastewater treatment, rheological properties estimation for Newtonian and non-Newtonian fluids used in micro-processing industries and fault detection.

Irrigation Engineering and Hydraulic Structures for [Civil Engineering Degree Students Nov 15 2022

River Engineering May 09 2022 This text book is designed essentially to meet the requirements of Undergraduate Engineering interested in Water Resources specialization. More particularly, the book shall help the field engineers involved with rivers understanding river's two function of transporting water as well as sediment. The book is divided in 3-major parts, viz. Basic Science of River flow, Sediment Transport and other topics like, Flood control, River Ganging, and River Trading. The book on River Engineering containing large number of solved problems. Simplified graphs Chapter on River Ecology and Interlinking of Rivers.

Water Supply Engineering Jun 22 2023

Irrigation Engineering and Hydraulic Structures Mar 07 2022

Transforming Cybersecurity Solutions using Blockchain Apr 15 2020 This book is targeted towards cybersecurity professionals (especially those dealing with cloud security) or any stakeholders dealing with cybersecurity who want to understand the next level of security infrastructure using blockchain. The book's security and privacy analysis help with an understanding of the basics of blockchain, and it explores the quantifying impact of the new attack surfaces introduced by blockchain technologies and platforms. In addition, the book contains relevant and current updates on the topic. It follows a practical approach to help understand how blockchain technology is used to transform cybersecurity solutions.

Sewerage Disposal and Air Pollution Engineering Dec 16 2022

Irrigation Engineering And Hydraulic Structures Aug 24 2023

Recent Advances in Mathematics for Engineering Jul 19 2020 In recent years, mathematics has experienced amazing growth in the engineering sciences. Mathematics forms the common foundation of all engineering disciplines. This book provides a comprehensive range of mathematics applied in various fields of engineering for different tasks such as civil engineering, structural engineering, computer science, and electrical engineering, among others. It offers chapters that develop the applications of mathematics in engineering sciences, conveys the innovative research ideas, offers real-world utility of mathematics, and has a significance in the life of academics, practitioners, researchers, and industry leaders. Features Focuses on the latest research in the field of engineering applications Includes recent findings from various institutions Identifies the gaps in the knowledge in the field and provides the latest approaches Presents international studies and findings in modeling and simulation Offers various mathematical tools, techniques, strategies, and methods across different engineering fields

Contemporary Computing Sep 20 2020 This volume constitutes the refereed proceedings of the Fourth International Conference on Contemporary Computing, IC3 2010, held in Noida, India, in August 2011. The 58 revised full papers presented were carefully reviewed and selected from 175 submissions.

Handling Priority Inversion in Time-Constrained Distributed Databases Oct 02 2021 In the computer science industry, high levels of performance remain the focal point in software engineering. This quest has made current systems exceedingly complex, as practitioners strive to discover novel approaches to increase the capabilities of modern computer structures. A prevalent area of research in recent years is scalable transaction processing and its usage in large databases and cloud computing. Despite its popularity, there remains a need for significant research in the understanding of scalability and its performance within distributed databases. *Handling Priority Inversion in Time-Constrained Distributed Databases* provides emerging research exploring the theoretical and practical aspects of database transaction processing frameworks and improving their performance using modern technologies and algorithms. Featuring coverage on a broad range of topics such as consistency mechanisms, real-time systems, and replica management, this book is ideally designed for IT professionals, computing specialists, developers, researchers, data engineers, executives, academics, and students seeking research on current trends and developments in distributed computing and databases.

Irrigation Engineering (Including Hydrology) Nov 22 2020 The First Edition of this treatise on Irrigation Engineering duly subsidised by national Book trust, Government of India, published in 1984. was highly acclaimed by the engineering teachers and taughts and its revised edition appeared in 1990. The dynamism inherent in the subject necessitated drastic changes in the text, prompted by the overwhelming response of irrigation and agriculture engineering students and practising engineers in the country and abroad duly patronised by the publications, Shri Ravindra Kumar Gupta, Managing Director, S.Chand & Company Ltd., New Delhi

Irrigation Engineering and Hydraulic Structures Oct 14 2022

Sewage and Waste Disposal Engineering. Vol. II. Oct 22 2020

Soil Mechanics and Foundation Engineering Aug 20 2020

Contributions to Hardware and Software Reliability Apr 08 2022 With better computing facilities now available, there is an ever-increasing need to ensure that elegant theoretical results on hardware reliability are computationally available. This book discusses those aspects which have relevance to computing systems and those where numerical computation was a problem. It is also well known that nearly 70% of the cost goes into software development and hence software reliability assumes special importance. The book not only gives an extensive review of the literature on software

reliability but also provides direction in developing models which are flexible and can be used in a variety of testing environments. Besides, several alternative formulations of the release time problem are discussed along with variants such as allocation of testing effort resources to different modules of the software, or the testing effort control problem. Software reliability has now emerged as an independent discipline and requires a strong partnership between computer scientists, statisticians and operational researchers. This aspect is broadly highlighted in the book.

Hydrology and Water Resources Engineering Jul 23 2023

Water Resources and Hydrology May 17 2020

Environmental Engineering Jun 17 2020

Irrigation and Water Power Engineering Jan 25 2021

VLSI Design and Test Mar 27 2021 This book constitutes the refereed proceedings of the 23st International Symposium on VLSI Design and Test, VDAT 2019, held in Indore, India, in July 2019. The 63 full papers were carefully reviewed and selected from 199 submissions. The papers are organized in topical sections named: analog and mixed signal design; computing architecture and security; hardware design and optimization; low power VLSI and memory design; device modelling; and hardware implementation.

Sewage and Waste Disposal Engineering Apr 27 2021

Engineering Hydrology Jul 31 2021

Waste Water Engineering Feb 06 2022

Irrigation Engineering and Hydraulic Structures Jan 05 2022

Water Supply Engineering Apr 20 2023

Water Supply Engineering May 21 2023

Face To Face CAT 27 years Sectionwise & Topicwise solved paper 2020 Jun 29 2021 Common Aptitude Test or popularly known as CAT is dream and most popular exam amongst students who wants to persue career in management. But as common its name is, it is the toughest exam in India and needs thorough concept clarity and immense practice. CAT, today is doorway to some of the best B-Schools in India and hence thousands of students appear every year for the examination. The current edition of "Face To Face CAT" has been carefully and consciously revised to reinforce the conceptual clarity in the aspirants by providing the Sectionwise and Topicwise previous 27 Years' (1993-2019) Questions along with the detailed solutions. The book is basically divided into 3 sections; Quantitative Aptitude, Data Interpretation and Logical Reasoning, and Verbal Ability and Reading Comprehension, which is exactly according to the paper pattern giving the complete coverage of the entire syllabus. 3 Previous Years' Questions Papers [2019 -2017] are being provided right in the beginning of the book that gives the insight of the pattern of the examination which help candidates to prepare accordingly. Moreover 3 Practice Papers are also attached at the end of the book for thorough practice which also helps to track the self progress. With such voluminous set of questions that too in sectionwise and topicwise manner, it offers a robust tool to attune aspirants with constant self-evaluation to move on the way for success in this exam. TABLE OF CONTENTS Introduction: CAT (About the Exam & How to Succeed in it?), CAT Solved Paper 2019, CAT Solved Paper 2018, CAT Solved Paper 2017, SECTION-I: Quantitative Aptitude, SECTION-II: Data Interpretation and Logical Reasoning, SECTION-III: Verbal Ability and Reading Comprehension, Practice Sets (1-3).