
R C C Designs By B C Punmia Ashok Kumar Jain Pdf

Reinforced Concrete Structures Vol. II
Reinforced Concrete Structures
RCC Theory and Design
Step by Step Rcc Design of Multistorey Buildings
Design of R.C.C. Buildings using Staad Pro V8i with Indian Examples
Reinforced Concrete Structures: Analysis and Design
Limit State Design of Reinforced Concrete
Treasure of R.C.C. Designs
Static and Dynamic Methods
Advance R.C.C. Design (R.C.C. Volume-I)
Reinforced Concrete Structures
Design According to CSA A23. 3-04
Design Of R.C.C. Structural Elements
R.C.C Design & Drawing
Design theory and examples
Reinforced Concrete Structures (R.C.C. Designs)
Advanced Reinforced Concrete Design
Reinforced Concrete Design, Second Revised Edition
Principles of Reinforced Concrete Design
Reinforced Concrete Design
Design for RCC Slabs - A Ready Reckoner
Reinforced Concrete Design
R.C.C. Theory and Design
Treasure of R.C.C. Designs
DESIGN OF CONCRETE STRUCTURES
Design of Prestressed Concrete
(in M.K.S. Units).
Reinforced Concrete Design: Principles And Practice
Reinforced Concrete Design
R.C.C. Designs (Reinforced Concrete Structures)
Comprehensive Rcc.Designs
REINFORCED CONCRETE DESIGN 3E
Design of Reinforced Concrete Structures
Reinforced Concrete
LIMIT STATE DESIGN OF REINFORCED CONCRETE
Soil Mechanics and Foundations
Treasure of R.C.C. Designs
Solutions Manual

ANGELICA PEREZ

Reinforced Concrete Structures Vol. II PHI Learning Pvt. Ltd.

This highly successful book describes the background to the design principles, methods and procedures required in the design process for reinforced concrete structures. The easy to follow style makes it an ideal reference for students and professionals alike.

Reinforced Concrete Structures Firewall Media

R.C.C. Designs (Reinforced Concrete Structures)Comprehensive Rcc.DesignsLaxmi Publications

RCC Theory and Design Educreation Publishing

CONTENTS: Part 1:Working Stress Method 1.Introduction 2.Theory of reinforced beams and Slabs 3.Shear and bond 4.Torsion 5.Doubly reinforced beams 6. T and L-Beams 7.Design of beams and Slabs 8.Design of stair cases 9.Reinforced brick and hollow tile roofs 10.Two-way slabs 11.Circular slabs 12.Flat slabs 13.Axially loaded columns 14.Combined direct and bending stresses 15.Continuous and isolated footings 16.Combined footings 17.Pile foundations 18.Retaining Walls Part 11: Water Tanks 19.Domes 20.Beams curved in plan 21.Water tanks-1 Simple cases 22.Water tanks-11 Circular & INTZE Tanks 23.Water tanks-111: Rectangular tanks 24.Water tanks-IV: Underground tanks Part 111:Miscellaneous Structures 25.Reinforced concrete pipes 26.Bunkers and silos 27.Chimneys 28.Portal frames 29.Building frames Part IV:Concrete Bridges 30. Aqueducts and box culverts 31.Concrete Bridges Part V: Limit State Design 32.Design concepts 33.Singly reinforced section 34.Doubly reinforced sections 35.T and L-Beams 36.Shear bond and torsion 37.Design of beams and slabs 38.Axially loaded columns 39.Columns with Uniaxial and Biaxial bending 40.Design of stair cases 41.Two way slabs 42.Circular slabs 43.Yield Line theory and design of slabs 44.Foundations Part IV:Prestressed concrete and Miscellaneous Topics 45.Prestressed concrete 46.Shrinkage and creep 47.Form-Work 48.Tests for cement and concrete
Step by Step Rcc Design of Multistorey Buildings CBS Publishers & Distributors Pvt Limited, India

Sets out basic theory for the behavior of reinforced concrete structural elements and structures in considerable depth. Emphasizes behavior at the ultimate load, and, in particular, aspects of the seismic design of reinforced concrete structures. Based on American practice, but also examines European practice.

Design of R.C.C. Buildings using Staad Pro V8i with Indian Examples Tata McGraw-Hill Education

This book focuses on the analysis and design of reinforced concrete structures in conformity with CSA A23.3-04 Canadian standard. Such members are often encountered in engineering practice, particularly in buildings. Using an original approach, the authors present the subject matter as clearly and effectively as possible. Each aspect is carefully illustrated and is the subject of a thorough theoretical development. This is followed by a step-by-step procedure for both design and verification, along with many fully developed numerical applications.

Reinforced Concrete Structures: Analysis and Design Firewall Media

A PRACTICAL GUIDE TO REINFORCED CONCRETE STRUCTURE ANALYSIS AND DESIGN Reinforced Concrete Structures explains the underlying principles of reinforced concrete design and covers the analysis, design, and detailing requirements in the 2008 American Concrete Institute (ACI) Building Code Requirements for Structural Concrete and Commentary and the 2009 International Code Council (ICC) International Building Code (IBC). This authoritative resource discusses reinforced concrete members and provides techniques for sizing the cross section, calculating the required amount of reinforcement, and detailing the reinforcement. Design procedures and flowcharts guide you through code requirements, and worked-out examples demonstrate the proper application of the design provisions.

COVERAGE INCLUDES: Mechanics of reinforced concrete Material properties of concrete and reinforcing steel Considerations for analysis and design of reinforced concrete structures Requirements for strength and serviceability Principles of the strength design method Design and detailing requirements for beams, one-way slabs, two-way slabs, columns, walls, and foundations

Limit State Design of Reinforced Concrete CRC Press

This book provides an extensive coverage of the design of reinforced concrete structures in accordance with the current Indian code of practice (IS 456: 2000). As some of the Indian code provisions are outdated, the American code provisions are provided, wherever necessary. In addition, an attempt is made to integrate the provisions of IS 456 with earthquake code (IS 13920), as more than 60% of India falls under moderate or severe earthquake zones. The text is based on the limit state approach to design and covers areas such as the properties of concrete, design of various structural elements such as compression and tension members, beams & slabs, and design for flexure, shear torsion, uni-axial and biaxial bending and interaction of these forces. Each chapter features solved examples, review questions, and practice problems as well as ample illustrations that supplement the text. An exhaustive list of references as well as appendices on strut-and-tie-method, properties of soils, and practical tips add value to the rich contents of book.

Treasure of R.C.C. Designs CRC Press

This Book Systematically Explains The Basic Principles And Techniques Involved In The Design Of Reinforced Concrete Structures. It Exhaustively Covers The First Course On The Subject At B.E./ B.Tech Level.Important Features: * Exposition Is Based On The Latest Indian Standard Code Is: 456-2000. * Limit State Method Emphasized Throughout The Book. * Working Stress Method Also Explained. * Detailing Aspects Of Reinforcement Highlighted. * Incorporates Earthquake Resistant Design. * Includes A Large Number Of Solved Examples, Practice Problems And Illustrations.The Book Would Serve As A Comprehensive Text For Undergraduate Civil Engineering Students. Practising Engineers Would Also Find It A Valuable Reference Source.

Static and Dynamic Methods CRC Press

This book is intended to give a basic knowledge of design of R.C.C buildings using Staad Pro V8i, to those who already have some knowledge in working in this software. This is highly useful for Civil Engineering Students who want to develop design skills in R.C.C. by using Staad Pro. Indian Code references were given where ever necessary and many snapshots of working example are inserted in almost every page of the book so that the reader

can understand easily. This book is highly suitable for Indian Civil Engineers, as all the examples are in Indian Code methods. This will greatly benefit practicing engineers and students in India as this is the first detailed book on R.C.C building design using Staad Pro, with Indian Examples. Static method and Dynamic method of analysis has been explained by taking the same example problem, so that the reader can understand the differences in those methods.

Advance R.C.C. Design (R.C.C. Volume-Ii) Firewall Media

This text primarily analyses different methods of design of concrete structures as per IS 456: 2000 (Plain and Reinforced Concrete—Indian Standard Code of Practice, 4th revision, Bureau of Indian Standards). It gives greater emphasis on the limit state method so as to illustrate the acceptable limits for the safety and serviceability requirements of structures. Besides dealing with yield line analysis for slabs, the book explains the working stress method and its use for designing reinforced concrete tension members, theory of redistribution of moments, and earthquake resistant design of structures. This well-structured book develops an effective understanding of the theory through numerous solved problems, presenting step-by-step calculations. The use of SP-16 (Design Aids for Reinforced Concrete to IS: 456-1978) has also been explained in solving the problems. KEY FEATURES : Instructional Objectives at the beginning of the chapter highlight important concepts. Summary at the end of the chapter to help student revise key points. Sixty-nine solved illustrative examples presenting step-by-step calculations. Chapter-end exercises to test student's understanding of the concepts. Forty Tests to enable students to gauge their preparedness for actual exams. This comprehensive text is suitable for undergraduate students of civil engineering and architecture. It can also be useful to professional engineers.

Reinforced Concrete Structures Wiley

This substantially revised second edition takes into account the provisions of the revised Indian Code of practice for Plain and Reinforced Concrete IS 456 : 2000. It also provides additional data on detailing of steel to make the book more useful to practicing engineers. The chapter on Limit State of Durability for Environment has been completely revised and the new provisions of the code such as those for design for shear in reinforced concrete, rules for shearing main steel in slabs, lateral steel in

columns, and stirrups in beams have been explained in detail in the new edition. This comprehensive and systematically organized book is intended for undergraduate students of Civil Engineering, covering the first course on Reinforced Concrete Design and as a reference for the practicing engineers. Besides covering IS 456 : 2000, the book also deals with the British and US Codes. Advanced topics of IS 456 : 2000 have been discussed in the companion volume Advanced Reinforced Concrete Design (also published by Prentice-Hall of India). The two books together cover all the topics in IS 456 : 2000 and many other topics which are so important in modern methods of design of reinforced concrete.

Design According to CSA A23. 3-04 R.C.C. Designs (Reinforced Concrete Structures) Comprehensive Rcc.Designs

This new edition of a highly practical text gives a detailed presentation of the design of common reinforced concrete structures to limit state theory in accordance with BS 8110.

S. Chand Publishing

This book on Reinforced Concrete has been comprehensively revised with a view to make it more suitable for the updated syllabus of various Technical Institutes and Engineering Colleges of different Universities.

Design Of R.C.C. Structural Elements Tata McGraw-Hill Education

The sixth edition of this comprehensive textbook provides the same philosophical approach that has gained wide acceptance since the first edition was published in 1965. The strength and behavior of concrete elements are treated with the primary objective of explaining and justifying the rules and formulas of the ACI Building Code. The treatment is incorporated into the chapters in such a way that the reader may study the concepts in a logical sequence in detail or merely accept a qualitative explanation and proceed directly to the design process using the ACI Code.

R.C.C Design & Drawing Wiley

This book is a complete tutorial for analysis, designing and detailing of RCC buildings by both manual and computer software (STAAD.Pro and STAAD.foundation) means. It explains the processes of analysis and design of a multistorey building step by step by limit state method employing self-load, service load and earthquake loads. It uses a single example of a real-world

reinforced concrete building problem to explain all the processes analysis and design from beginning to end. This makes the book most useful for students and practicing professional alike. This is a must book for civil and structural engineering students, teachers and construction professionals.

Design theory and examples Laxmi Publications

Publisher Description

Reinforced Concrete Structures (R.C.C. Designs) New Age International

Encouraging creative uses of reinforced concrete, Principles of Reinforced Concrete Design draws a clear distinction between fundamentals and professional consensus. This text presents a mixture of fundamentals along with practical methods. It provides the fundamental concepts required for designing reinforced concrete (RC) structures, emphasizing principles based on mechanics, experience, and experimentation, while encouraging practitioners to consult their local building codes. The book presents design choices that fall in line with the boundaries defined by professional consensus (building codes), and provides reference material outlining the design criteria contained in building codes. It includes applications for both building and bridge structural design, and it is applicable worldwide, as it is not dependent upon any particular codes. Contains concise coverage that can be taught in one semester Underscores the fundamental principles of behavior Provides students with an understanding of the principles upon which codes are based Assists in navigating the labyrinth of ever-changing codes Fosters an inherent understanding of design The text also provides a brief history of reinforced concrete. While the initial attraction for using reinforced concrete in building construction has been attributed to its fire resistance, its increase in popularity was also due to the creativity of engineers who kept extending its limits of application. Along with height achievement, reinforced concrete gained momentum by providing convenience, plasticity, and low-cost economic appeal. Principles of Reinforced Concrete Design provides undergraduate students with the fundamentals of mechanics and direct observation, as well as the concepts required to design reinforced concrete (RC) structures, and applies to both building and bridge structural design.

Advanced Reinforced Concrete Design New Age International

This new edition of a highly practical text gives a detailed

presentation of the design of common reinforced concrete structures to limit state theory in accordance with BS 8110. *Reinforced Concrete Design, Second Revised Edition* John Wiley & Sons
Indian Standard Code Of Practice Is-456 For The Design Of Main And Reinforced Concrete Was Revised In The Year 2000 To Incorporate Durability Criteria In The Design. As A Result Of It Many Codal Provisions Have Been Changed. Hence There Is Need

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To Train Engineering Students In Designing Reinforced Cement Concrete Structures As Per The Latest Code Of Is -456. With His Experience Of More Than 40 Years In Teaching, The Author Has Tried To Bring Out Students And Teachers Friendly Book On The Design Of Rcc Structures As Per Is-456: 2000. Rcc Design Is A Vast Subject. It Is Normally Taught In Two To Three Courses For Civil Engineering Students. This Book Is For The First Course In Rcc

Design And Author Is Writing Another Book Advanced Rcc Design To Meet The Requirement Of Further Courses. This Book Deals With Design Philosophy And Design Of Various Structural Components Of Building. The Design Procedure Is Clearly Explained And Illustrated With Several Examples By Presenting The Solutions Step By Step In Details And With Neat Sketches Showing Reinforcement Details.

Principles of Reinforced Concrete Design PUQ