

Design Of Reinforced Concrete Structures By N Subramanian

THIS IS LIKEWISE ONE OF THE FACTORS BY OBTAINING THE SOFT DOCUMENTS OF THIS **DESIGN OF REINFORCED CONCRETE STRUCTURES BY N SUBRAMANIAN** BY ONLINE. YOU MIGHT NOT REQUIRE MORE BECOME OLD TO SPEND TO GO TO THE EBOOK INSTIGATION AS WITHOUT DIFFICULTY AS SEARCH FOR THEM. IN SOME CASES, YOU LIKEWISE GET NOT DISCOVER THE BROADCAST DESIGN OF REINFORCED CONCRETE STRUCTURES BY N SUBRAMANIAN THAT YOU ARE LOOKING FOR. IT WILL EXTREMELY SQUANDER THE TIME.

HOWEVER BELOW, LATER THAN YOU VISIT THIS WEB PAGE, IT WILL BE AS A RESULT DEFINITELY EASY TO ACQUIRE AS WELL AS DOWNLOAD GUIDE DESIGN OF REINFORCED CONCRETE STRUCTURES BY N SUBRAMANIAN

IT WILL NOT ALLOW MANY ERA AS WE ACCUSTOM BEFORE. YOU CAN REALIZE IT THOUGH PERFORM SOMETHING ELSE AT HOUSE AND EVEN IN YOUR WORKPLACE. HENCE EASY! So, ARE YOU QUESTION? JUST EXERCISE JUST WHAT WE PRESENT UNDER AS COMPETENTLY AS REVIEW **DESIGN OF REINFORCED CONCRETE STRUCTURES BY N SUBRAMANIAN** WHAT YOU LIKE TO READ!

DESIGN OF CONCRETE STRUCTURES - J. N. BANDYOPADHYAY 2008-07-07

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.

THE DESIGN OF REINFORCED CONCRETE STRUCTURES - D. PEABODY (JR.) 1936

REINFORCED CONCRETE DESIGN TO EUROCODES - PRAB BHATT 2014-02-12

THIS FOURTH EDITION OF A BESTSELLING TEXTBOOK HAS BEEN EXTENSIVELY REWRITTEN AND

EXPANDED IN LINE WITH THE CURRENT EUROCODES. IT PRESENTS THE PRINCIPLES OF THE DESIGN OF CONCRETE ELEMENTS AND OF COMPLETE STRUCTURES, WITH PRACTICAL ILLUSTRATIONS OF THE THEORY. IT EXPLAINS THE BACKGROUND TO THE EUROCODE RULES AND GOES BEYOND THE CORE TOPICS TO COVER THE DESIGN OF FOUNDATIONS, RETAINING WALLS, AND WATER RETAINING STRUCTURES. THE TEXT INCLUDES MORE THAN SIXTY WORKED OUT DESIGN EXAMPLES AND MORE THAN SIX HUNDRED DIAGRAMS, PLANS, AND CHARTS. IT SUITABLE FOR CIVIL ENGINEERING COURSES AND IS A USEFUL REFERENCE FOR PRACTICING ENGINEERS.

DESIGN OF REINFORCED CONCRETE STRUCTURES - DEAN PEABODY JR. 2013-09

LIMIT STATE DESIGN OF REINFORCED CONCRETE STRUCTURES - DERRICK BECKETT 1975

DESIGNERS' HANDBOOK TO EUROCODE 2 - A. W. BEEBY 1995

THIS HANDBOOK AIMS TO ASSIST DESIGNERS TO APPLY EUROCODE 2 BY EXPLAINING THE BACKGROUND TO, AND THE INTENTION OF, THE PROVISIONS INDICATING THE MOST CONVENIENT DESIGN APPROACHES, COMPARING THE PROVISIONS WITH THOSE IN BS 8110 PRESENTING DESIGN AIDS, CHARTS AND EXAMPLES.

ADVANCED REINFORCED CONCRETE DESIGN - N. K. RAJU 2016-03-30

REINFORCED CONCRETE DESIGN TO EUROCODE 2 - GIANDOMENICO TONIOLO 2017-05-09

THIS TEXTBOOK DESCRIBES THE BASIC MECHANICAL FEATURES OF CONCRETE AND EXPLAINS THE MAIN RESISTANT MECHANISMS ACTIVATED IN THE REINFORCED CONCRETE STRUCTURES AND FOUNDATIONS WHEN SUBJECTED TO CENTRED AND ECCENTRIC AXIAL FORCE, BENDING MOMENT, SHEAR, TORSION AND PRESTRESSING. IT PRESENTS A COMPLETE SET OF LIMIT-STATE DESIGN CRITERIA OF THE MODERN THEORY OF RC INCORPORATING PRINCIPLES AND RULES OF

THE FINAL VERSION OF THE OFFICIAL EUROCODE 2. THIS TEXTBOOK EXAMINES METHODOLOGICAL MORE THAN NOTIONAL ASPECTS OF THE PRESENTED TOPICS, FOCUSING ON THE VERIFICATIONS OF ASSUMPTIONS, THE RIGOROUSNESS OF THE ANALYSIS AND THE CONSEQUENT DEGREE OF RELIABILITY OF RESULTS. EACH CHAPTER DEVELOPS AN ORGANIC TOPIC, WHICH IS EVENTUALLY ILLUSTRATED BY EXAMPLES IN EACH FINAL PARAGRAPH CONTAINING THE RELATIVE NUMERICAL APPLICATIONS. THESE PRACTICAL END-OF-CHAPTER APPENDICES AND INTUITIVE FLOW-CHARTS ENSURE A SMOOTH LEARNING EXPERIENCE. THE BOOK STANDS AS AN IDEAL LEARNING RESOURCE FOR STUDENTS OF STRUCTURAL DESIGN AND ANALYSIS COURSES IN CIVIL ENGINEERING, BUILDING CONSTRUCTION AND ARCHITECTURE, AS WELL AS A VALUABLE REFERENCE FOR CONCRETE STRUCTURAL DESIGN PROFESSIONALS IN PRACTICE.

REINFORCED CONCRETE - B.S. CHOO 2002-12-24

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 STRUCTURES VOL. I - DR. B.C. PUNMIA 1992

SIMPLIFIED RULES FOR THE DESIGN OF MINOR REINFORCED CONCRETE STRUCTURES - PAUL F. WALSH 1978

LIMIT STATE DESIGN OF CONCRETE STRUCTURES - RAMCHANDRA 2018-10-01

BUREAU OF INDIAN STANDARDS, DELHI MADE LARGE NUMBER OF CHANGES AND ALTERATIONS IN IS: 456-2000, CODE OF PRACTICE FOR PLAIN AND REINFORCED CONCRETE. REALIZING THE NECESSITY AND IMPORTANCE, AUTHORS HAVE UPDATED THE COMPLETE TEXT AND PRESENTED THIS SUBJECT "LIMIT STATE DESIGN OF CONCRETE STRUCTURES". ULTIMATE LIMIT STATE (ULS- CONDITIONS TO BE AVOIDED) AND SERVICEABILITY LIMIT STATE (SLS- LIMITS UNDESIRABLE CRACKS AND DEFLECTIONS) ARE TWO MAIN ESSENTIAL ELEMENTS OF THIS SUBJECT. ULS INCLUDES 'LIMIT STATE OF COLLAPSE IN COMPRESSION, IN FLEXURE, IN SHEAR AND IN TORSION AS SUB ELEMENTS. WHEREAS, SLS INCLUDES LIMIT STATE OF SERVICEABILITY FOR DEFLECTIONS, CRACKING, FATIGUE, DURABILITY AND VIBRATIONS AS SUB-ELEMENTS. FEATURES: (I) TEXT FOR LIFE OF CONCRETE STRUCTURES, FIRE RESISTANCE AND CORROSION. (II) FOR ALL THOSE, WHO CARRY-OUT THEIR DESIGN USING COMPUTER-PROGRAMME, AUTHORS HAVE GIVEN PROCEDURES (DEVELOPED BY THEM) FOR DETERMINING THE STRESS IN HYSD-STEEL BARS CORRESPONDING TO STRAIN DEVELOPED IN CONCRETE.

COMPREHENSIVE RCC.DESIGNS - DR. B.C. PUNMIA

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.COLUMN 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.SHRIKAGE AND CREEP 47.FORM-Work 48.TESTS FOR CEMENT AND CONCRETE
DESIGN OF REINFORCED CONCRETE STRUCTURE (IS:456-2000), 3e - N. KRISHNA RAJU 2008-02-01

LIMIT STATE DESIGN OF REINFORCED CONCRETE - B. C. PUNMIA 2007

SEISMIC PERFORMANCE OF CONCRETE BUILDINGS - LIVIU CRAINIC 2012-12-10

THIS BOOK EXAMINES AND PRESENTS ESSENTIAL ASPECTS OF THE BEHAVIOR, ANALYSIS, DESIGN AND DETAILING OF REINFORCED CONCRETE BUILDINGS SUBJECTED TO STRONG SEISMIC ACTIVITY. SEISMIC DESIGN IS AN EXTREMELY COMPLEX PROBLEM THAT HAS SEEN SPECTACULAR DEVELOPMENT IN THE LAST DECADES. THE PRESENT VOLUME TRIES TO SHOW HOW THE PRINCIPLES AND METHODS OF EARTHQUAKE

DESIGN OF CONCRETE STRUCTURES - RAMCHANDRA 2012-03-01

THIS BOOK 'DESIGN OF CONCRETE STRUCTURES' IN S.I. UNITS IS BASED ON WORKING STRESS METHOD AS PER CODE IS: 456-2000. ALL THE CHAPTERS OF THE BOOK HAVE BEEN REVISED AND RE-ARRANGED IN EIGHT PARTS (32 THIRTY TWO CHAPTERS) SEPARATE ASPECTS OF DESIGN OF ONE STRUCTURAL MEMBER HAVE BEEN DESCRIBED IN DIFFERENT SUBSEQUENT CHAPTERS. IN ADDITION TO ABOVE (I) THE SERVICE LIFE OF CONCRETE STRUCTURES, (II) NON-DESTRUCTIVE TESTS/ EVALUATION OF STRENGTH (NDT/NDE) OF MATERIALS AND (III) FUTURISTIC CONSTRUCTION MATERIALS AND TECHNIQUE (FCMT) LIKELY TO BE USED FOR THE CONCRETE ARE NEW TOPICS. TEXT FOR THESE TOPICS (RARELY, AVAILABLE IN CURRENT BOOKS BY OTHER AUTHROS) HAVE BEEN FIRST TIME GIVEN TO FAMILIARIZE THE READERS.

DESIGN OF REINFORCED CONCRETE STRUCTURES - N. KRISHNA RAJU 2003

DESIGN OF REINFORCED CONCRETE - JACK C. MCCORMAC 2015-09-15

DESIGN OF REINFORCED CONCRETE, 10TH EDITION BY JACK MCCORMAC AND RUSSELL BROWN, INTRODUCES THE FUNDAMENTALS OF REINFORCED CONCRETE DESIGN IN A CLEAR AND

COMPREHENSIVE MANNER AND GROUNDED IN THE BASIC PRINCIPLES OF MECHANICS OF SOLIDS. STUDENTS BUILD ON THEIR UNDERSTANDING OF BASIC MECHANICS TO LEARN NEW CONCEPTS SUCH AS COMPRESSIVE STRESS AND STRAIN IN CONCRETE, WHILE APPLYING CURRENT ACI CODE.

REINFORCED CONCRETE WITH WORKED EXAMPLES - FRANCO ANGOTTI 2022-06-07

THIS TEXTBOOK DESCRIBES THE DESIGN OF REINFORCED AND PRESTRESSED CONCRETE STRUCTURES ACCORDING TO THE LATEST ADVANCES BOTH IN THE FIELD OF MATERIALS, CONCRETE AND STEEL, AND IN THE FIELD OF STRUCTURAL ANALYSIS. THESE ADVANCES HAVE BEEN INCLUDED IN CURRENT VERSION OF EUROCODE 2, WHICH IS TAKEN AS REFERENCE. ALL SUBJECTS ARE PRESENTED STARTING FROM THEIR THEORETICAL BASES AND PASSING TO CORRESPONDING EC2 FORMULATIONS. A LARGE PART OF THE BOOK IS CONCERNED WITH THE MOST INNOVATIVE EC2 PARTS, LIKE NONLINEAR STRUCTURAL ANALYSES, SECOND-ORDER EFFECTS, PUNCHING AND STRUT-AND-TIE MODELS. THE TEXTBOOK IS EQUIPPED WITH NUMEROUS WORKED EXAMPLES, USEFUL FOR THE READER WHO IS NOT FAMILIAR WITH THE DESIGN OF REINFORCED AND PRESTRESSED CONCRETE STRUCTURES BY THE LIMIT STATE METHOD. EXAMPLES HAVE BEEN CHOSEN AMONG THE MOST FREQUENT CASES OF THE PROFESSIONAL PRACTICE. THANKS TO THIS STRUCTURE, IT CAN BE OF INTEREST BOTH TO STRUCTURAL DESIGNERS FOR THEIR PROFESSIONAL TRAINING AND TO STUDENTS OF ENGINEERING AND ARCHITECTURE SCHOOLS FOR THEIR STUDIES. THE VOLUME CONTAINS TWELVE CHAPTERS, WHICH FOLLOW THE SAME STRUCTURE OF EC2, EXCEPT FOR CHAPTER 6 (DEALING WITH PRESTRESSED CONCRETE STRUCTURES), WHICH DOES NOT MATCH ANY CHAPTER OF EC2, AS PRESTRESSED CONCRETE IS CONSIDERED IN EC2 AS A PARTICULAR CASE OF REINFORCED CONCRETE, AND CORRESPONDING FORMULATIONS ARE SHED OVER DIFFERENT CHAPTERS.

REINFORCED CONCRETE STRUCTURES VOL. II - DR. B.C. PUNMIA 1992

PRACTICAL DESIGN OF REINFORCED CONCRETE BUILDINGS - SYED MEHDI ASHRAF 2017-11-10

THIS BOOK WILL PROVIDE COMPREHENSIVE, PRACTICAL KNOWLEDGE FOR THE DESIGN OF REINFORCED CONCRETE BUILDINGS. THE APPROACH WILL BE UNIQUE AS IT WILL FOCUS PRIMARILY ON THE DESIGN OF VARIOUS STRUCTURES AND STRUCTURAL ELEMENTS AS DONE IN DESIGN OFFICES WITH AN EMPHASIS ON COMPLIANCE WITH THE RELEVANT CODES. IT WILL GIVE AN OVERVIEW OF THE INTEGRATED DESIGN OF BUILDINGS AND EXPLAIN THE DESIGN OF VARIOUS ELEMENTS SUCH AS SLABS, BEAMS, COLUMNS, WALLS, AND FOOTINGS. IT WILL BE WRITTEN IN EASY-TO-USE FORMAT AND REFER TO ALL THE LATEST RELEVANT AMERICAN CODES OF PRACTICE (IBC AND ASCE) AT EVERY STAGE. THE BOOK WILL COMPEL USERS TO THINK CRITICALLY TO ENHANCE THEIR INTUITIVE DESIGN CAPABILITIES.

FUNDAMENTALS OF REINFORCED CONCRETE - SINHA N.C. & ROY S.K. 2007

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.

PRACTICAL DESIGN OF REINFORCED CONCRETE STRUCTURES - GHOSH KARUNA MOY 2010

REINFORCED CONCRETE STRUCTURES HANDBOOK - STEPHENS WOLTZ 2012-09

NO FURTHER INFORMATION HAS BEEN PROVIDED FOR THIS TITLE.

LIMIT STATE DESIGN OF REINFORCED CONCRETE - P. C. VARGHESE 2008-09-23

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.

STRUCTURAL DESIGN AND DRAWING - N. KRISHNA RAJU 2005

THIS BOOK PROVIDES, IN SI UNITS, AN INTEGRATED DESIGN APPROACH TO VARIOUS REINFORCED CONCRETE AND STEEL STRUCTURES, WITH PARTICULAR EMPHASIS ON THE LOGICAL PRESENTATION OF STEPS CONFORMING TO INDIAN STANDARD CODES. DETAILED DRAWINGS ALONG WITH CAREFULLY CHOSEN EXAMPLES, MANY OF THEM FROM EXAMINATION PAPERS, GREATLY FACILITATE THE UNDERSTANDING OF THE SUBJECT.

DESIGN OF REINFORCED CONCRETE STRUCTURES - NARAYANAN SUBRAMANIAN 2013

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.

DESIGN OF R.C.C. STRUCTURAL ELEMENTS VOL. I - S.S. BHAVIKATTI 2007

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 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.

REINFORCED CONCRETE STRUCTURES - ROBERT PARK 1991-01-16

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.

REINFORCED CONCRETE STRUCTURE - IC SYAL | AK GOEL 2008

IT HAS BEEN GRATIFYING TO FIND THE EARLIER EDITIONS OF THE BOOK READ AND USED IN SO MANY PARTS OF THE COUNTRY. THE NEW EDITION OWES MUCH TO THE USEFUL COMMENTS AND SUGGESTIONS OF THE TEACHERS, STUDENTS AND THE PRACTISING ENGINEERS TO WHOM THE EXPRESS THEIR GRATEFUL THANKS. A NEW CHAPTER ON PRESTRESSED CONCRETE HAS BEEN ADDED TO THE NEW EDITION. IN PARTICULAR, THE CHAPTER DISCUSSES VARIOUS ASPECTS OF PRESTRESSING, LIKE TYPES OF PRESTRESSING, VARIOUS METHODS OF PRESTRESSING, MATERIALS USED, LOSSES IN PRESTRESS, LAYOUT OF CABLE PROFILES, ANALYSIS AND METHODS OF DESIGN OF VARIOUS ELEMENTS AND THE DETAILED ANALYSIS AND DESIGN OF END BLOCK.

REINFORCED CONCRETE DESIGN: PRINCIPLES AND PRACTICE - RAJU N. KRISHNA 2007

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.

DESIGN OF REINFORCED CONCRETE - JACK C. MCCORMAC 2005

PUBLISHER DESCRIPTION

STRUCTURAL DESIGN & DRAWING: 3RD EDITION - N KRISHNA RAJU 2009

STRUCTURAL DESIGN AND DRAWING REINFORCED CONCRETE AND STEEL, IN SI UNITS, IS AN INTEGRATED TEXT CATERING TO THE NEEDS OF CIVIL AND STRUCTURAL ENGINEERING STUDENTS AND PRACTICING ENGINEERS. THE VARIOUS DESIGN EXAMPLES PRESENTED CONFORM TO THE LATEST INDIAN STANDARD CODES DEALING WITH REINFORCED CONCRETE AND STEEL STRUCTURES. DETAILED DRAWING ALONG WITH CAREFULLY CHOSED EXAMPLES, MANY OF THEM FROM EXAMINATION PAPERS, GREATLY FACILITATE THE UNDERSTANDING OF THE SUBJECT **EARTHQUAKE RESISTENCE DESIGN FOR REINFORCED CONCRETE STRUCTURES - S. MUNTER 1995**

THE SRIA'S NEW GUIDE IS BOTH AN UPDATE AND AN EXPANSION OF THE 1995 SEISMIC DETAILING FOR REINFORCED CONCRETE BUILDINGS IN AUSTRALIA. IT COVERS DESIGN AS WELL AS DETAILING OF REINFORCED CONCRETE BUILDINGS FOR SEISMIC ACTIONS. IT WILL ASSIST GRADUATE ENGINEERS, PRACTICING ENGINEERS AND OTHER DESIGNERS WITH LIMITED SEISMIC EXPERIENCE, AND SENIOR ENGINEERS SEEKING TO REFRESH THEMSELVES OF THE CURRENT DEVELOPMENTS AND PRACTICAL ASPECTS OF REINFORCEMENT DESIGN AND DETAILING FOR SEISMIC ACTIONS IN AUSTRALIA.

ADVANCED REINFORCED CONCRETE DESIGN - P. C. VARGHESE 2009-01-09

INTENDED AS A COMPANION VOLUME TO THE AUTHOR'S LIMIT STATE DESIGN OF REINFORCED CONCRETE (PUBLISHED BY PRENTICE-HALL OF INDIA), THE SECOND EDITION OF THIS COMPREHENSIVE AND SYSTEMATICALLY ORGANIZED TEXT BUILDS ON THE STRENGTH OF THE FIRST EDITION, CONTINUING TO PROVIDE A CLEAR AND MASTERLY EXPOSITION OF THE FUNDAMENTALS OF THE THEORY OF CONCRETE DESIGN. THE TEXT MEETS THE TWIN OBJECTIVE OF CATERING TO THE NEEDS OF THE POSTGRADUATE STUDENTS OF CIVIL ENGINEERING AND THE NEEDS OF THE PRACTISING CIVIL ENGINEERS AS IT FOCUSES ALSO ON THE PRACTICES FOLLOWED BY THE INDUSTRY. THIS TEXT, ALONG WITH LIMIT STATE DESIGN, COVERS THE ENTIRE DESIGN PRACTICE OF REVISED CODE IS456 (2000). IN ADDITION, IT ANALYZES THE PROCEDURES SPECIFIED IN MANY OTHER BIS CODES SUCH AS THOSE ON WINDS, EARTHQUAKES, AND DUCTILE DETAILING. WHAT'S NEW TO THIS EDITION CHAPTER 18 ON EARTHQUAKE FORCES AND STRUCTURAL RESPONSE OF FRAMED BUILDINGS HAS BEEN COMPLETELY REVISED AND UPDATED SO AS TO CONFORM TO THE LATEST I.S. CODES 1893 (2002) ENTITLED CRITERIA FOR EARTHQUAKE RESISTANT DESIGN OF STRUCTURES (PART I - FIFTH REVISION). CHAPTERS 19 AND 21 WHICH TOO DEAL WITH EARTHQUAKE DESIGN

HAVE BEEN REVISED. A SUMMARY OF ELEMENTARY DESIGN OF REINFORCED CONCRETE MEMBERS IS ADDED AS APPENDIX. VALUABLE TABLES AND CHARTS ARE PRESENTED TO HELP STUDENTS AND PRACTISING DESIGNERS TO ARRIVE AT A SPEEDY ESTIMATE OF THE STEEL REQUIREMENTS IN SLABS, BEAMS, COLUMNS AND FOOTINGS OF ORDINARY BUILDINGS.

ANALYSIS AND DESIGN OF REINFORCED CONCRETE STRUCTURES WITH ICES STRUDL-II - JOHN M. BIGGS 1970

EXAMPLES OF THE DESIGN OF REINFORCED CONCRETE BUILDINGS TO BS8110 - C.E. REYNOLDS 2017-12-21

THE LATEST EDITION OF THIS WELL-KNOWN BOOK MAKES AVAILABLE TO STRUCTURAL DESIGN ENGINEERS A WEALTH OF PRACTICAL ADVICE ON EFFECTIVE DESIGN OF CONCRETE STRUCTURES. IT COVERS THE COMPLETE RANGE OF CONCRETE ELEMENTS AND INCLUDES NUMEROUS DATA SHEETS, CHARTS AND EXAMPLES TO HELP THE DESIGNER. IT IS FULLY UPDATED IN LINE WITH THE RELEVANT BRITISH STANDARDS AND CODES OF PRACTICE.

DESIGN REINFORCED CONCRETE STRUCTURES 4E - CBS PUBLISHERS & DISTRIBUTORS 2016-05-20

ELEMENTARY REINFORCED CONCRETE DESIGN - ZHUJING LI 2005