



## Reinforced Concrete Structures (Revised Edition)

By Dr. I.C. Syal, Dr. A.K. Goel

S. Chand & Company Ltd, 2013. Softcover. Condition: New. 4th edition. (For the Students of B.E./B.Tech. of civil Engineering) 1. The fourth edition of the book has been comprehensively revised as per latest syllabi of different Technological Universities of India. 2. The latest Indian Standard Specifications and code of practices, related to Cement & Concrete are used in this edition. 3. Four new chapters namely, Masonry Structures, Concrete Bridges, Design Examples on Limit State Method and Yield Line Theory have been added to the new edition. 4. Detailed analysis and design of End Blocks by different methods are also discussed. 5. Numerous solved examples with diagrams showing details of reinforcement as practiced in India have been included in the text. 6. At the end of the book, four Appendices are included. Contents: PART-I: MATERIALS 1. INTRODUCTION PART-II: WORKING STRESS METHOD OF DESIGN 2. REINFORCED CONCRETE BEAM ANALYSIS 3. BEAM REINFORCED IN TENSION AND COMPRESSION 4. SHEAR, BOND AND TORSION 5. DESIGN OF RECTANGULAR BEAMS 6. FLANGED BEAMS 7. SLABS 8. AXIALLY LOADED COLUMNS 9. COMBINED BENDING AND DIRECT STRESSES 10. FOUNDATIONS 11. STAIRS 12. RETAINING WALLS 13. DOMES 14. BEAMS CURVED IN PLAN 15. REINFORCED BRICK WORK 16. FRAMEWORK PART-III...



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