Book Description

The Fifth edition of this hallmark text has been thoroughly updated in conformity with the rapid changes that have taken place in the field of cement and concrete technology. It takes the lead in presenting the various aspects involved in enhancing the product performance leading to high-performance and cost-effective concrete.

Key Words

1. Updated with revised IS 10262-2009: Concrete Mix Proportioning Guidelines
2. Section on Self-compacting concrete is completely rewritten, updated and enlarged in the light of development of new technologies
3. A new section on mix design for conventional fly ash concrete is included
4. The mix-design procedures are illustrated with flow charts to enable readers to evolve their own mix proportion calculators
5. Refreshed pedagogy includes:
   123 Exercise Questions
   678 MCQS
   237 Figures

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About Author

Dr. M L Gambhir has been professor and head of civil Engineering Department and Dean Planning & Resource Generation at the Thapar University, Patiala (Previously Thapar Institute of Engineering & Technology, Patiala). He obtained his Bachelor's and Master's degrees from University of Roorkee (Presently Indian Institute of Technology, Roorkee) and phD from Queen's University, Kingston, Canada.