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# HANDBOOK

*on*

# Civil Engineering

**INCLUDES FORMULAE, KEY CONCEPTS  
& INTERVIEW QUESTIONS**

Useful for

**GATE | ESE | SSC | RRB | PSUs**  
& Other Competitive Examinations

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# Foreword

Dear Students,

The present Hand Book on Civil Engineering is an outcome of an attempt to have a single book on basic concepts and important formulae useful for civil students who are preparing for various competitive exams such as GATE, ESE, SSC, RRB, ISRO, State Service Commissions and other PSUs.



This book has been prepared by our subject experts by compiling it subject wise and chapter wise to help the students for quick revision of the subject, to recollect the basic concepts and formulae before going to exam.

What sets this book apart, from the similar books available already, is the inclusion of popular technical interview questions at the end of each chapter/ subject, which will help the students before going to a technical interview.

I'm thankful to all the Professors who have extended their valuable services in the preparation of this Book.

With best wishes

**Y.V. Gopala Krishna Murthy,**  
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