

# **About the Author**

Shishir Kumar Persai is currently running Reva Academy, Chhattisgarh's leading ESE, GATE and PSU preparation academy. Hailing from Bhilai, Mr. Persai completed his post-graduation in 2008 from VJTI, Mumbai with specialization in CAD/CAM and Automation.

With nearly a decade of teaching experience across various leading institutes for several competitive examinations, Mr. Persai is currently mentoring and guiding over 100 students for GATE, ESE, PSUs, IAS & SSC.

Dedicated to his teaching profession sincerely, Mr. Persai believes that good teachers nurture imagination, ignite hope and instill a lifelong love of learning in students. To his credit, several of his taught students are studying in various IIT's and NIT's and have cracked USPC ESE. Many others have made it to illustrious PSUs and BARC.

In his spare time, Mr. Persai loves to explore new places, meet new people and try out new cuisines.

# Preface



This book is written with the aim to help and guide ambitious mechanical engineering graduates; preparing for various technical entrance and government job recruitment examinations.

The Handbook inculcates key concepts and well-illustrated formulae required to prepare for GATE, Engineering Services, Civil Services, BARC and all other PSU's recruitments. The author has put in conceptual understanding of the subject in simplest words and his rich experience of qualifying examinations of national repute in the making. The book is especially ideal for last-minute preparation for students.

This book contains all mechanical engineering subjects with special emphasis on exam oriented questions with latest methods & techniques to help students perform better. It also contains engaging tricks and shortcuts for important theories to help save time during the exam.

As per current examination system, the author guarantees more than 90% of any National level Mechanical Engineering exam paper to be covered by studying concepts shared in the book. This book will help readers brush up the most significant areas of Mechanical Engineering.

The endeavour to write this book is a result of excitement and challenge that the author experienced while preparing for competitive examinations.

**All the Best**

**Shishir Kumar Persai**

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