



## The Pearson Guide to the GATE Mechanical Engineering

By Rama Krishna Hegde

Pearson Education, 2012. Softcover. Book Condition: New. First edition. The Pearson Guide to the GATE?Mechanical Engineering is written exclusively to cater to the needs of aspirants preparing for the Graduate Aptitude Test in Engineering. The book is designed to cover the entire syllabus of GATE examination. Organized into four parts?engineering mathematics, applied mechanics and design, fluid mechanics and thermal sciences, and manufacturing and industrial engineering?this book offers a comprehensive understanding of all relevant aspects of the study module. The book also provides an in-depth study of essential concepts which aim to enhance the learning skills of students and help them succeed in the examination. Contents Linear Algebra Calculus Differential Equations Complex Variables Probability and Statistics Numerical Methods Engineering Mechanics Strength Of Materials Theory of Machines Vibrations Design Fluid Mechanics Heat Transfer Thermodynamics Applications Engineering Materials Metal Casting Forming Joining Machining and Machine Tool Operations Metrology and Inspection Computer-Integrated Manufacturing Production Planning and Control Inventory Control Operations Research Printed Pages: 952.

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