



Basic Mechanical Engineering (MGU, Kerala)

By R.K. Rajput

Laxmi Publications Pvt. Ltd, 2008. Softcover. Book Condition: New. First edition. This book has been written specifically to meet exhaustively the requirements of the subject of "Basic Mechanical Engineering" strictly according to the syllabus for 1st year B.E. examination (CMELRPTA) of Mahatma Gandhi University, Kerala. The book contains 5 Modules containing 9 chapters in all. Salient Features The presentation of the subject matter is very systematic and the language of the text is lucid, direct and easy to understand. Each chapter of book is saturated with much needed text supported by neat and self-explanatory diagrams to make the subject self-speaking to a great extent. A large number of solved examples, properly graded, have been added in various chapters to enable the students to attempt different types of questions in the examination without any difficulty. At the end of each chapter Highlights, Objective Type Questions, Theoretical Questions and Unsolved Examples have been added to make the book a complete and comprehensive unit in all respects. Contents: Module-1 1. Basic Concepts of Thermodynamics 2. First Law of Thermodynamics 3. Gas Power Cycles Module-2 4. Internal Combustion Engines 5. Refrigeration and Air-Conditioning Module-3 6. Power Transmission Module-4 7. Power Plants, Non-Conventional Energy Sources, Hydraulic...



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