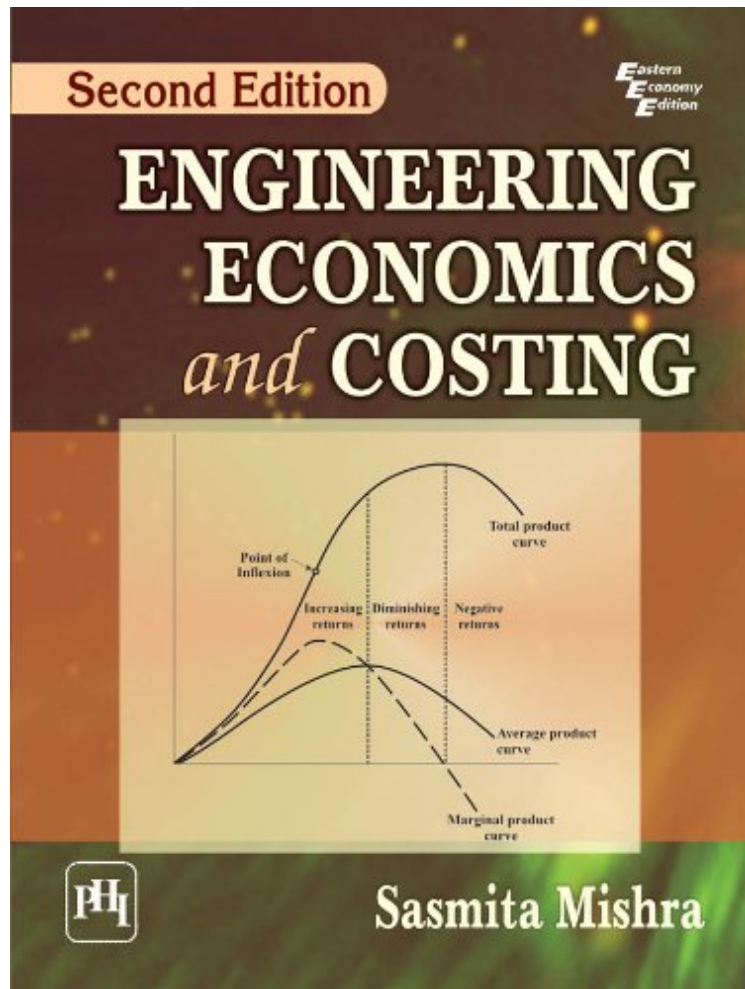


# Engineering Economics and Costing

Sasmita Mishra

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This substantially revised and updated edition of Engineering Economics and Costing continues to build on the fundamental principles and applications of the subject. Divided into three parts: Part I, Engineering Economics; Part II, Financial System; and Part III, Cost Accounting, the text discusses, in a simple and easy-tounderstand language, such topics as interest formulas and their applications, and various methods, for example, the present worth method of comparison, future worth method, annual equivalent method, and the rate of return method. It also includes, in its Appendix, interest tables for a wide range of interest rates (0.25–50%) and for a period ranging from one year to 100 years. These tables, along with the topics discussed, will help students of both Engineering and MCA in evaluating

engineering projects. WHAT IS NEW TO THIS EDITION • Chapter 2 gives a distinction between Microeconomics and Macroeconomics. • Chapter 2 also explains the concept of income elasticity, cross elasticity of demand, and elasticity of substitution. • At the end Chapter 3, a variety of simple numerical problems with solutions are given to illustrate the concepts discussed. • Chapter 8 provides more examples illustrating the various aspects of break-even analysis. While the book is intended primarily as a text for B.Tech. and MCA courses of Biju Patnaik University of Technology (BPUT), Orissa, it would also be highly useful for BE/B.Tech. students of other universities/institutes. Besides, practising engineers and project consultants making economic decision analysis would find this well-organized book immensely valuable. What the Reviewer Says: The book is very clear in exposition of the concepts and theories of Economics. I am confident that it will be extremely helpful to the engineering students.—Dr. NIRMAL CHANDRA SAHU Professor, Postgraduate Department of Economics, Berhampur University, Orissa