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decision making at the operations level. 3. Engineering Economics can lead to sub-optimisation of conditions in which a solution satisfies tactical objectives at the expense of strategic effectiveness. 4.

Engineering Economics: Meaning and Characteristics

Page 11/35

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Economics Environment 23 1.9.6 Types of Efficiency 24 1.10 Consumer and Producer Goods and Services 25

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Page 21/35

analyzing alternatives at a computer-aided design workstation or the Chief Executive Officer (CEO) considering a new project. An engineer who is unprepared to excel at engineering economy is not properly equipped for his or her job.

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the analysis of engineering decisions. As a discipline, it is focused on the branch of economics known as microeconomics in that it studies the behavior of individuals and firms in making decisions regarding the allocation of limited resources. Thus, it focuses on the decision making process, its context and environment. It is pragmatic Page 27/35

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