

SYLLABUS :-

Prerequisite: None
Engineering economy: equivalence, time value, present value and annual equivalent cost, rate of return, replacement analysis, evaluation of public activities, generation and evaluation of alternatives in engineering situations, projects, replacement and inventory.
Accounting: Financial statements, double entry bookkeeping.
Costing: cost concepts, material, labour and overhead costs, overhead allocations and absorption, introduction to job costing, process costing, marginal costing, and standard costing, relevant costs for decision making, cost control and cost reduction.
Textbooks: Sullivan, W.G., J.A. Bontadelli, and E.M. Wicks (2000), Engineering Economy, Pearson Education Asia, 11th Edition. Horngren C.T., G.L. Sundem, and W.O. Stratton (2002), Introduction to Management Accounting, Pearson Education, 12th Edition.