



Finance for Engineers

For All engineers looking to take up Financial roles or all engineering managers responsible for Finance and Procurement

Students will learn by the end of the course

To Interpret balance sheets and income statements

Apply cash Flow Techniques

Understand Business Plan Fundamentals and Key Components

Evaluate Contents of Business Plans

Apply Inventory Control Procedures and Supply Chain Management

Use Supply Analysis, Procedures as JIT, to monitor Inventory and ensure sufficient supplies

Understand Financial Constraints

Identify Available and Alternate Funding Sources

Develop Funding Proposals and Implement Funding Plans

Calculate economic equivalence, Inflation, Purchasing Power of money

Perform Cost Estimation

Apply Engineering Economic Analysis

Develop financial projections (Tax, Equity, Profitability, Liquidity, Working Capital Management)

Establish Capital Resource Requirements

Understand Capital Rationing

Measure Return on Investment

Establish and Monitor Capital Budget

Apply tools and Techniques of Risk Analysis

Perform Risk Analysis and Interpret Results