

Professional Certificate in Finance

- **Aim:** Engineers and technical executives are frequently required to communicate their decisions or make recommendations to other decision-makers such as CEO's, Marketing and Finance Directors. Hence having a thorough understanding of their priorities, gives Engineers and Technical executives a competitive advantage as well as contribute to a harmonious working environment. This course aims to equip future engineers and technical professionals with practical skills in working capital management, budgetary control and capital investment to assist them to make well-informed decisions.

- **Learning Outcome:** Upon completion of the course, you will be able
 - To carry out action plans that positively supports the overall working capital management strategy of the company leading to greater efficiency.
 - To assist the company to boost its earnings as well as meeting its financial obligations.
 - To assist top management in the systematic planning, co-ordination and controlling the operations using budgetary control techniques.
 - To analyse Master Budgets, Sales Budgets and other operating budgets in order to make effective decisions.
 - To evaluate strategic and tactical investment decisions based on a company's current situation and future goals.

▪ **Contents :**

➤ Day1 : **Working Capital Management**

- Liquidity and Efficiency Ratios.
- Inventory Management
- Account Receivable & Payable Management
- Cash Management
- Working Capital Cycle & Implications
- Exercises 1&2

➤ Day2: **Budgeting Control & Variance Analysis**

- Budgeting Techniques
- Master Budget, Sales & Operating Budget
- Variance Analysis
- Project-Based Costing and Pricing
- Exercise 3&4

➤ Day3: **Capital Investment Decision**

- NPV, Payback Period , IRR, ARR techniques
- Ranking of Projects Decision
- Make or Buy Decisions
- Exercise 5&6

NOTE: All exercises will be done during class.