

# GUJARAT TECHNOLOGICAL UNIVERSITY

B. E. SEMESTER: VI

Industrial Engineering

Subject Name: **Finance Management and Cost Control**

Subject Code: **161503**

Teaching Scheme				Evaluation Scheme		
Theory	Tutorial	Practical	Total	University Exam (Theory) (E)	Mid Sem Exam (Theory) (M)	Practical (I)
4	2	0	6	70	30	50

Sr. No	Course Content	Total Hrs.
1.	<b>Estimating for Engineering Production:</b> Types of estimation, methods of estimate, data required for estimating, estimating material requirements, standard form of materials, estimating the time for operations, estimation for sample parts-cast, forged, formed, welded and machined parts.	24
2.	<b>Costing and Cost control :</b> Cost elements, allocation of over heads, factory costs, administration and sales cost, cost accounting systems, standard costs, break even points, profit and volume relationship.	12
3.	<b>Finance Accounting :</b> Double entry system, cash book, ledger, balancing the accounts, profit and loss account, Use of financial accounting balance sheets as a picture of sources and uses of funds, comparison of financial accounting reports through ratio analysis, profitability ratios, liquidity ratios, depreciation of fixed assets, valuation of current assets.	20
4.	<b>Budgetary control :</b> Strategic decisions, evaluating investment alternatives, comprehensive budgeting, budgetary control systems.	4
5.	<b>Sources of Finance :</b> Private or public, local, national or international factors affecting the selection of sources: capitalizing the reserves.	4

## **Reference Books:**

1. Financial management by I. M. Pandey– Vani Education book.
2. Financial management & cost control by NPC volume.
3. The VNR concise guide to financial management by Carl Heyel.
4. Mathematics of finance by Lloyd L. Smail.
5. Introduction to Business finances by Bion B.Howard & Miller Upton.
6. Financial decision making by John J. Hampton.
7. Financial management & Policy by James C. Van Horne.
8. Financial management by Chandra
9. Accounting and finance for manager by B.K.Chaudhary.