

# GUJARAT TECHNOLOGICAL UNIVERSITY

## Master of Computer Application

**Subject Name** : Enterprise Resources & Financial Management

**Subject Code** : 610007

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### Objectives:

To provide awareness of the underlying financial structure and procedure of the organization so that the interaction of financial systems with information systems can be understood by the information system designers.

### Contents:

1. ERP Introduction – Enterprise resource planning, Benefits of ERP, business process reengineering, Data warehousing, Data Mining, On line Analytical Processing (OLAP), Supply Chain Management ERP Modules – Introduction, Business modules in ERP, finance
2. Introduction to accounting, Accounting mechanics-I Basic records, Accounting mechanics-II Final Accounts
3. Analysis and Interpretation of Financial Statements
4. Budgetary Control
5. Project Management
6. Fixed Assets and Depreciation Accounting, Standards for Control

### Main Reference Book(s):

1. A textbook of Financial Cost and Management Accounting by Dr. P. Periasamy, Himalaya Publishing House.
2. Accounting and Financial Management by D.R. Patel, Atul Prakashan.
3. ERP Demystified by Alexis Leon, Tata McGrawHill Publication.

### Suggested Additional Reading:

1. Accounting for Management by N.P. Srinivasan, M. Sakthivel Murugan, S. Chand.

### Chapter Wise Coverage from Main Reference Book(s):

1. ERP Introduction – Chapter 1-9 (From Alexis Leon)
2. ERP Modules – Chapter 20,21 (From Alexis Leon)
3. Accounting Principles and Concepts, Double Entry System of Accounting, Accounting Books and Records, Final Accounts (Chapter 2 to 4 from Dr. Periasamy).
4. Ratio Analysis (Chapter 9 from Dr. Periasamy).

5. Forecasting and Budgetary Control (Chapter 11 from D.R. Patel) excluding methods of forecasting and proforma financial statements.
6. Project Management (Chapter 12 from D.R. Patel), only project appraisal techniques.
7. Fixed Assets and depreciation Accounting (Chapter 5 from D.R. Patel) excluding implication of the cost concepts and financial accounting treatment of depreciation, cash flow implications of depreciation, taxation and depreciation accounting, accounting standards for depreciation.
8. Standard Costing (Chapter 8 from D.R. Patel)
9. Break Even Analysis (Chapter 10 from D.R. Patel)

**Accomplishments of the student after completing the course:**

Students will have insight of Enterprise resource planning, Business modules and Financial management