

M.C.A. SEM – V

MCA – EL4 : Enterprise Resource Planning

Teaching Scheme (per week)		Examination Scheme					
		INT		EXT		TOTAL	
Th. (hours)	Pr. (hours)	Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)
4	-	30	-	70	-	100	-

UNIT I

(25%)

Introduction to ERP : Introduction , ERP General Model, Evolution of ERP, Reasons for growth of ERP, Reasons for failure, why ERP Packages are used now ? **Enterprise Overview** - Integrated Management Information, Business Modeling, Integrated Data Model **ERP Technologies:** - BPR, MIS, DSS, EIS, Supply Chain Management, **ERP Generations**

UNIT II

(25%)

ERP Implementation Lifecycle : Pre-evaluation screening, package evaluation, project planning phase, Gap Analysis, Reengineering, Configuration, Team training, Testing, Going live, End-user Training, Post Implementations, **Role of Vendors, consultants and user's, Cost of ERP Implementation.**

UNIT III

(25%)

ERP Modules: Business Modules, Finance, Plant maintenance, Quality Management, Materials Management, Manufacturing, Human resources, Sales and Distribution, **ERP Market:** Introduction, SAP AG, BAAN, PeopleSoft Oracle and JD Edwards.

UNIT IV

(25%)

ERP-Present and Future Directions: Limitation of ERP, Implementation requirements, ERP & E-Commerce, ERP & Internet, Future Directions, **Case Studies in different Sector :** Software industry, Telecom, Textile, Electronic manufacturing

Text Books

- ERP Demystified by Alexis Leon : TMH Publication (10th edition)
- ERP by VinodKumar Garg and NK Venkitakrishan : PHI Publication

Reference Books

- ERP Implementation cycle by Stephen Harwood
- ERP by Joseph A Brady, Thomson
- ERP by Sunil Sharma & Parag Diwan, Excel book

Question Paper Scheme:

Section – I

Q.1 - Objective Type Unit I & II
(11) Marks

Section – II

Q.4 - Objective Type Unit III & IV

Q.2 - Unit-I **OR** Q.2 Unit-I
Marks

(12) Marks Q.5 - Unit-III **OR** Q.5 Unit-III

(12)

Q.3 - Unit-II **OR** Q.3 Unit-II
(12) Marks

(12) Marks Q.6 - Unit-IV **OR** Q.6 Unit-IV