

# MARIS STELLA COLLEGE, VIJAYAWADA-8

(An autonomous college affiliated to Krishna University)

**Department of Computer Science**

**B.Com (Computer Applications)**

**Academic Year 2019 - 2020**

**Semester : VI**

**Paper Code: COMPC091**

**Title : Enterprise Resource Planning**

**Course Outcomes:** On completing the course, students will be able to:

CO1. Gain an understanding and appreciation of the principles and applications relevant to enterprise resource planning.

CO2. Understand the basic concepts of ERP.

CO3. Identify different technologies used in ERP.

CO4. Understand and apply the concepts of ERP Manufacturing Perspective and ERP Modules.

CO5. Discuss the benefits of ERP

CO6. Understand and implement the ERP life cycle.

CO7. Apply different tools used in ERP.

## SYLLABUS

**Unit-I:**

**6 Hrs**

**Introduction:** Overview of enterprise systems – Evolution - Risks and benefits -

Fundamental technology - Issues to be consider in planning design and implementation of cross functional integrated ERP systems.

**Unit-II:**

**6 Hrs**

**ERP Solutions and Functional Modules:** Overview of ERP software solutions- Small, medium and large enterprise vendor solutions, BPR and best business practices - Business process Management, Functional modules.

**Unit-III:**

**8 Hrs**

**ERP Implementation:** Planning Evaluation and selection of ERP systems -

Implementation life cycle - ERP implementation, Methodology and Frame work- Training – Data Migration - People Organization in implementation-Consultants, Vendors and Employees.

**Unit-IV:**

**8 Hrs**

**Post Implementation:** Maintenance of ERP- Organizational and Industrial impact; Success and Failure factors of ERP Implementation.

**Unit- V:**

**8 Hrs**

**Emerging Trends on ERP:** Extended ERP systems and ERP add – ons – CRM, SCM, Business analytics – Future trends in ERP systems – web enabled, wireless technologies, cloud computing.

**Reference Books:**

1. Gupta S.P. “Statistical Methods”, Sultan Chand, New Delhi, 2010.
2. K.V. Rao, “Research Methodology in Commerce and Management”, Sterling Publishers, New Delhi, 2012.
3. T.S. Wilkinson & P.L. Bhandarkar, “Methodology and Techniques of Social Research”, 2010.