

<b>JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>MBA III Semester</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>

**(17E00315) ENTERPRISE RESOURCE PLANNING  
(Elective III)**

**Objective :**The objective of the course is to provide the basic concepts of Enterprise Resource Planning, ERP Implementation and Maintenance.

- 1. Introduction to ERP:** Overview of ERP,MRPI,MRPII and Evolution of ERP, Business Modeling, ERP related technologies,Business PROCESS Re-engineering (BPR) – BPR Process, Myths regarding BPR, ERP Architecture.
- 2. Business Intelligence Systems-**Data Mining, Data Warehousing, On-line Analytical Processing (OLAP), On-line Transaction Processing (OLTP)
- 3. ERP Modules :**Finance Controlling, Accounting System, Manufacturing and Production Systems.Sales and Distribution Systems, Human Resource Systems.Plant Maintenance System, Material Management System, Quality Management System,.
- 4. ERP Implementation:** ERP Implementation life cycle, ERP package selection, ERP Implementation process, ERP project teams, ERP operation and Maintenance
- 5. ERP Products:** SAP, Oracle, Microsoft Dynamic, People Soft, Baan and their impact on enterprise applications.

**Text Books:**

- Enterprise Resource Planning, Singla, Cengage Learnings.
- Enterprise Resource Planning,Mahadeo Jaiswal & Ganesh Vanapalli,Macmillan

**References:**

- Enterprise Resource Planning, Alexis Leon, TMH.
- Enterprise Resource Systems,Motiwala,Pearson.
- ERP in practice, Jagan Nathan Vaman, TataMc.GrawHill.
- Enterprise Resource Planning and MIS,Venugopal Rao, Excel.
- ERP concepts &Practice,Vinod Kumar Kard arid NK Venkata Kristean, PHI.
- Concepts in ERP ,Monk,2/e Thomson.
- Managerial Issues of ERP, David L.Olson , TMH