



**STANLEY**  
**COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN**  
( Approved by AICTE , New Delhi | Affiliated to Osmania University ,Hyderabad)  
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## ENTERPRISE RESOURCE PLANNING

### UNIT-I

**Introduction to ERP:** Overview- Benefits Of ERP – ERP and Related Technologies – Business Process Reengineering – Data Warehousing – Data Mining – On-Line Analytical Processing – Supply Chain Management.

### UNIT- II

**ERP Implementation:** Implementation Life Cycle – Implementation Methodology Hidden Costs –Organizing Implementation – Vendors, Consultants and Users – Contracts – Project Management andMonitoring.

### UNIT- III

**Business Modules:** Business Modules In An ERP Package – Finance – Manufacturing – Human Resource – Plant Maintenance – Material Management – Quality Management – Sales and Distribution.

### UNIT- IV

**ERP Market:** ERP Market Place – SAP AG – PeopleSoft – Bean Company – JD Edwards. World Solutions Company – Oracle Corporation – QAD System Software Associates.

### UNIT- V

**ERP – Present and Future:** Turbo Charge the ERP System – EIA – ERP and Ecommerce – ERP and Internet – Future Directories in ERP.

### Suggested Reading:

1. Alexis Leon, “*ERP Demystified*” , Tata McGraw Hill,1999.
2. Joseph A. Brady, Ellen F. Monk, bret J. Wranger, “*Concepts in Enterprise Resource Planning*”, Thomas Learning, 2001.
3. Vinod Kumar Garg and N.K. Venkata Krishnan, “*Enterprise Resource Planning –Concepts and Planning*”, prentice Hall, 1998.
4. Jose Antonio Fernandez , “*The SAP R/3 Hand book*”, Tata McGraw Hill, 1998.