

B. Sc. (IT) Final Semester -VI
Paper I
Enterprise Resource Planning

Unit I

INTRODUCTION Business needs and ERP, ERP as an overview, entries as an overview, Benefits of ERP, ERP and related technologies, ERP architecture, business process reengineering, data warehousing, data mining, on line analytical processing supply choice management.

Unit II

ERP: Client server architecture and ERP, ERP implementation life cycle, implementation methodologies, ERP implementation – The hidden cost, organizing implementations, vendors, consultants and users, contracts with vendors, consultants and employees, project management and monitoring. After ERP implementation.

Unit III

THE BUSINESS MODULE : Business models in an ERP package, finance, manufacturing human resource, plant maintenance, materials management, quality management sales and distribution.

Unit IV

Selection of ERP, SWOT analysis of various ERP products supply chain enabled ERP. ERP and Electronic Data Interchange (EDI) integration, ERP in manufacturing and non manufacturing industries.