School of Computer Science and Engineering

Program Name: B.Tech

Course Code : BCSE 3055

Course Name: Enterprise Resource Planning

- **SAP AG in 2008 revenues: €9.4 billion**
  - More than 40,000 companies run SAP software
  - Providing more than 25 industry solutions
  - 39,355 SAP employees (December, 2008)

- **Value Offering**
  - Integrate business processes
  - Extend competitive capabilities
  - Provide a better return on investment at a lower total cost of ownership

- 12 million users in 120+ countries

- **Unique partner ecosystem**

  - More than 2,200 partners
  - Overall more than 180,000 SAP partner certificates

- The objective of a good financial accounting system is to provide company wide control and integration of financial Accounting Module of an ERP system, gives you the ability to centrally track financial accounting data within an international framework of multiple companies, languages, currencies, and charts of accounts. For example, when raw materials move from inventory into manufacturing, the system reduces quantity values in inventory and simultaneously, subtracts values for inventory accounts in the balance sheet. Most of the Financial Accounting modules comply with international accounting standards, such as GAAP and IAS. They also fulfill the local legal requirements of many countries.

Investment Management

Investment Management provides extensive support for investment processes right from planning through settlement. Investment management facilitates investment planning and budgeting at a level higher than that needed for specific orders or projects.

The controlling system gathers the functions required for effective internal cost accounting. It offers a versatile information system, with standard reports and analysis paths for the most common questions. In addition, there are features for creating custom reports to supplement standard reports

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Treasury

You can gain a significant competitive advantage by efficiently managing the short, medium, and long – term payment flows and the resulting risk exposure. Tasks such as short – term monitoring and concentration of bank account balances, medium – term planning, and forecasting of incoming and outgoing resources in accounts receivable and payable, to a long – term view of areas such as materials management and sales, underline the importance of intergrating information from various company divisions. Linking these operating divisions to realised and planned financial transactions and positions in treasury, has a significant impact on the company's success. Such integration also facilities management and control of cash flows, and risk positions through all the divisions in the company. The treasury component provides you with a basis for effective liquidity, portfolio and risk management.

Enterprise controlling comprises of those functions that will optimise share holder value, while meeting internal objectives for growth and investment. This module usually include executive information system, business planning and Budgeting, Consolidation, and Profit Centre Accounting.

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Maintenance mode

The post – ERP organization will need a different set of roles and skills than those with less integrated kinds of systems. At a minimum, everyone who uses these systems needs to be trained on how they work, how they relate to the business process and how a transaction ripples through the entire company whenever they press a key. The training will never end; it is an ongoing process; new people will always be coming in, and new functionality will always be entering the organization.

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The vendor should supply the product and its documentation as soon as the contract is signed. Only after the software is delivered, can the company develop the training and testing environment for the implementation team. The vendor is responsible for fixing any problems in the software that the implementation team encounters. So the vendor should have a liaison officer who should constantly interact with the implementation team. Another role the vendor has to play is that of the trainer – to provide the initial training for the company's key users, people who will play lead roles in the implementation of the system.

Thank You