

B.Tech (Petrochem & Petroleum Refinery Engineering) syllabus for the batch 2016-17 & 2017-18

PCP8H002 E-COMMERCE AND ENTERPRISE RESOURCE PLANNING 3-0-0

Module I

Overview of Electronic Commerce, Driving the Electronic Commerce Revolution, The Internet, Portals. Open Systems Inter Connection (OSI) Model, XML, Data Warehousing, BuildingOwnWebSite,InternetSecurity

Module II

E-Commerce and Internet, Electronic Market, Business to Business E-Commerce, Four C's (Convergence, Collaborative Computing, Content Management and Call Center) , Wireless Application Protocol (WAP), Intranet and Extranets. Data Interchange (EDI), Electronic PaymentSystems,E-Security

Module-III


Overview of enterprise systems – Evolution - Risks and benefits - Fundamental technology - Issues to consider in planning designing and implementation of cross functional integrated ERP systems. Small, medium and large enterprise vendor solutions, BPR, and best business practices - Business process Management, Functional modules.

Module IV

ERP IMPLEMENTATION: Planning Evaluation and selection of ERP systems, Implementation life cycle - ERP implementation, Methodology, Data Migration, Success and Failure factors of ERP Implementation. Extended ERP systems and ERP add-ons -CRM, SCM, Manufacturing prospective, Business analytics .

Books:

- E- Commerce and Enterprise Resource Planning ; CSV Murthy, HPH
- Enterprise Resource Planning- Concepts and Practices ; V K Garg and N K Venkatkrishna, PHI
- Enterprise Resource Planning; Alexix Leon ; TMH


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