



SYMBIOSIS INTERNATIONAL(DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

Re - accredited by NAAC with 'A' Grade

Founder: Prof. Dr. S. B. Mujumdar, M.Sc.,Ph.D. (Awarded Padma Bhushan and Padma Shri by President of ndia)

(Established under section 3 of the UGC Act 1956, by notification No.F.9-12/2001-U3 Government of India)

Sub Committee for Curriculum Development IT Systems for Management Specialization

Format to submit syllabus

Course Name : ERP-Business Process Integration

Course Code : T3155

(UG/PG): PG

Number of Credits: 3

Level: 5

Learning Objective(s): The role of information technology in building an integrated view of the core departmental function has become very crucial for management support has been ever increasing with every development in business functions. From basic inventory management software to total business integration, Enterprise Resource Planning (ERP) have come a long way and revolutionized business processes and information technology to support businesses. Business Process Integration enabled by an ERP system is an integrated software package that effectively performs all the required business functions of the organization. Financial Accounting, Materials Management and Sales and Distribution modules which support the accounting, procurement and sales process of a business organisation are discussed and taught. This can then be extended with advanced planning and more comprehensive customer relationship management, Supplier relationship Management, Production planning etc.

Pedagogy:

Interactive sessions with emphasis on related theory, case studies on contemporary issues and latest developments in the business world. Theoretical concepts of accounting, procurement and Sales & distribution are covered in the lecture session with the students working on hands-on lab exercises on the functional modules of ERP using SAP BPI-I and GBI 2.11 from the curriculum as prescribed by the SAP AG, under the University Alliance Partnership Program through their UCC at QUT, Brisbane, Australia

Pre-learning:

Basic understanding on the business functions and processes.

Basic knowledge on the domains of industry verticals will be preferred

Basic knowledge on computer application and MIS

Course Outline:

Sr No.	Topic	Teaching Tools (Cases/ Audio-Visual, Software etc.)	Hours
1	Introduction to BPI and ERP: Introduction to ERP, History of ERP, merits & demerits, information requirements Understanding the Core Business Processes	Videos on SAP and slide presentation	2
2	SAP-Basics: Basics of SAP R/3 Client-Server Integrated Business Solution, Business Process Integration & Stool Diagram	Slide presentation	1
3	SAP – FI: FI - Organization Structure & Rules (Demo with explanation)	Slide presentation	2
4	Exercise pertaining to creating Organization Structure for FI	SAP – Lab exercises	2
5	FI – Master Data (Concept and Demo)	Slide presentation	2
6	Exercise pertaining to FI – Master Data- GL explanation & Demo with an example	SAP – Lab exercises	
7	FI – Rules and exercises pertaining to FI Rules	SAP – Lab exercises	2
8	FI – Transactions Demo and Group Assignment FI Transactions	SAP – Lab exercises	2
9	SAP – MM: MM – Organization Structure and related exercises	Finolex / Kirloskar Org Structure	2
10	Exercise pertaining to creating Organization Structure for MM	SAP – Lab exercises	2
11	MM – Master Data and Rules and related exercises	SAP – Lab exercises	4
12	MM – Transactions and related exercises	Vendor Development presentation & SAP – Lab exercises	2
13	SAP – SD: SD – Organization Structure and related exercises	Real life examples & SAP – Lab exercises	3
14	SD – Master Data – Material, Customer and Price Master and related exercises	SAP – Lab exercises	6
15	SD – Transactions – Simple Sales Cycle, Customer Info Record and Scheduling Agreement	SAP – Lab exercises	3
16	SD – Transactions – Item Proposal, Delivery Due List and Customer Returns	SAP – Lab exercises	5
17	Lab Assignments and Practice on MM & SD	SAP – Lab exercises	5
		Total	45

Books Recommended:

1. Simha R. Magal, Jeffrey Word, "Integrated Business Processes with ERP Systems", John Wiley & Sons.
2. Alexander Redlein, "Facility Management: Business Process Integration", Diplomica GmbH, Hamburg 2004, ISBN: 3-8324-7607-5

Reference Reading:

1. Business Process Integration-I, published by the Rushmore Group LLC, Handouts, Notes and Power point presentations on BPI – I
2. Enterprise Resource Planning – Concepts and Practices by Vinod Kumar Garg & N K Venkatakrishna, PHI
3. Textbook of Enterprise Resource Planning by Mahadeo Jaiswal & Ganesh Vanapalli, Macmillan, 1/e 2005

Reference books or related web-sites:

1. Managing Business with SAP – Linda Lau (Idea Group Inc.)
2. European Case Clearing House (ecch)
3. Enterprise Resource Planning – Alexis Leon Tata McGraw Hill, 1/e, 2003
4. <http://www.sap.com/industries/index.epx> / www.sap-img.com
5. SAP Developers Community Blogs and sites

Suggested Evaluation Methods:

Presentation
 Hands on – Class assignments and homework assignments
 Group Projects/practical application using tool
 Case study
 Term / Semester end examination

Parallel/Similar courses the existing curriculum:

S.No.	Name of the course	Institute where it was offered

Name of Member	Viraja P Bhat				
Designation	IT-HOD, Asst. Professor				
Org. / Inst.	SIIB				
Signature					

Name of the Expert:

Signature:



Date: