GUJARAT TECHNOLOGICAL UNIVERSITY
Syllabus for Master of Business Administration (3rd Semester)
Subject Name: Business Process Integration
Subject Code: 1539605

With effective
from academic
year 2020-21

1. Learning Outcomes:

Learning Outcome Component	Learning Outcome (Student will be able to)
Business Environment and Domain Knowledge (BEDK)	• *Develop* understanding of various information technologies and their application to facilitate business process integration. • *Develop* understanding of various business processes.
Critical Thinking, Business Analysis, Problem Solving and Innovative Solutions (CBPI)	• *Provide* feasible business solutions by analyzing the Prevailing business system and applying the tools of system integration
Global Exposure and Cross-Cultural Understanding (GECCU)	• *Develop* a global perspective regarding understanding of design, development and integration of systems
Social Responsiveness and Ethics (SRE)	• *Construct* a logical framework for evaluating information related ethical dilemmas frequently encountered by managers.
Effective Communication (EC)	• *Determine* methods for evaluating the effectiveness and efficiency of an integrated system. • *Develop* various requirements document, written in clear and concise business language, and present it to a business entities.
Leadership and Teamwork (LT)	• *Acquire* leadership skills to work as a System Integrator and design systems right from conceptualization to implementation to integration.

LO–PO Mapping:

Correlation Levels:
1 = Slight (Low); 2 = Moderate (Medium); 3 = Substantial (High), "-" = no correlation

Subject Code: 1539605	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
LO1: *Develop* understanding of various information technologies and their application to facilitate business process integration and *Develop* understanding of various business processes.	3	3	1	-	2	-	-	1	2
LO2: *Provide* feasible business solutions by analyzing the Prevailing business system and applying the tools of system integration	1	3	3	1	2	1	1	2	2
LO3: *Develop* a global perspective regarding understanding of design, development and integration of systems	1	3	1	1	3	-	1	1	2
LO4: *Construct* a logical framework for evaluating information related ethical dilemmas frequently encountered by managers.	1	1	3	2	1	1	3	1	2

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LO5: *Determine* methods for evaluating the effectiveness and efficiency of an integrated system. *Develop* various requirements document, written in clear and concise business language, and present it to a business entity.	1	1	3	3	-	2	2	1	1
LO6: *Acquire* leadership skills to work as a System Integrator and design systems right from conceptualization to implementation to integration.	2	2	1	1	-	3	1	1	2

2. Course Duration: The course duration is of **40 sessions of 60 minutes each**.

3. Course Contents:

Module No.	Contents	No. of sessions	70 Marks (External Evaluation)
I	**Introduction of Business Processes:** • Functional Organizational structure • Key business processes **Introduction to Enterprise System: (ES)** • Architectures of Enterprise system • Overview of an ERP • Types of data in ERP • Types of Reporting	10	16
II	**Accounting Process:** • Financial vs. Management Accounting • Organizational Data • Master data • Processes • Reporting **Procurement Process:** • Basics of procurement • Organizational data • Master data • Processes • Reporting	10	18
III	**Fulfillment Process:** • Fundamentals of fulfillment • Organizational data • Master data • Processes • Reporting **Production Process:** • Make-to-Stock vs. Make-to-Order strategy • Overview of Production process • Master data	10	18

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	• Processes • Reporting		
IV	**Inventory & Warehouse Management Process (IWM)** • Overview of Inventory & Warehouse Management • Organizational data • Master data • Processes • Reporting **Material Planning Process** • Basics of Material Planning process • Master data • Processes • Reporting **Integration** • Integration of all key business processes	**10**	**18**
V	**Practical:** • Students should prepare a brief report on various business process of selected company and how that company integrated its processes / may integrate various processes. • Also students are expected to study tool/s (software, hardware, communication technology, implementation methodology etc.) used to integrate the processes.	**NA**	**30 Marks (CEC)**

4. Pedagogy:

- ICT enabled Classroom teaching
- Industrial/Cotemporary Case study
- Practical/live assignments
- Interactive classroom discussions
- ERP (SAP GUI) Training Module

5. Evaluation:

Students shall be evaluated on the following components:

	Internal Evaluation	**(Internal Assessment-50 Marks)**
A.	• Continuous Evaluation Component	30 marks
	• Classroom Presence & Participation	10 marks
	• Class Quiz	10 marks
B.	**Mid-Semester Examination**	**(Internal Assessment-30 Marks)**
C.	**End–Semester Examination**	**(External Assessment-70 Marks)**

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6. Reference Books:

Sr. No.	Author	Name of the Book	Publisher	Year of Publication/Edition
1.	Simha R. Magal, Jeffrey Word	Integrated Business Processes with ERP Systems	Wiley	Latest Edition
2.	Simha R. Magal, Jeffrey Word	Essentials of Business Processes & Information Systems	Wiley	Latest Edition
3.	Marianne Bradford	Modern ERP Systems: Select, Implement and Use Today's Advanced Business Systems	Marianne Bradford	3rd Edition
4.	Simha R. Magal, Raymond Boykin, Bipin Prabhakar, & Mary Beth Goodrich	Business Process Configuration with SAP ERP	Epistemy Press	Latest Edition
5.	F. Robert Jacobs, D. Clay Whybark	Why ERP? A primer on SAP Implementation	McGraw-Hill	Latest Edition
6.	Mr. C.S.V. Murthy	Enterprise Resource Planning (ERP) Text and Case Studies	Himalaya Publication	Latest Edition

7. List of Journals/Periodicals/Magazines/Newspapers/Web resources, etc.

1. Enterprise Resource Planning Insights
2. ERP News
3. Education Research and Perspectives
4. International Journal of Applied Decision Sciences
5. Journal of Management Information Systems