<div align="center">

Department of Management
Amrita Vishwa Vidyapeetham
Amritapuri

Term V (Oct-Dec 2018)

</div>

Course Title: **Enterprise Resources Planning**

Course Code: OM 607 E
Credits: **3**
Total Sessions: **24**
Course Instructor: **Abhijath.V**
Contact Information: abhijath@gmail.com   9645075151
Course Link:
Office:
Office hours:
Course contributes mostly to: Employability/ Entrepreneurship/ Practical Orientation

Course Description

Coverage emphasizes Managerial aspects related to designing, planning, implementing and extending enterprise systems in organizations.

The focus areas are
- Managerial aspects of Enterprise Resources Planning
- The intricate relationship between functions, processes and concept of enterprise integration
- Best practices in enterprise integration
- Looking at organizational improvements through ERP
- Looking at performance from an organizational perspective
- ERP being looked at as a management philosophy

The course however does not focus on
- Technicalities of ERP
- Teaching on working on ERP software—This is something that organizations teach on the job
- Look at ERP from merely a software point of view

Course Objectives (CO)

1) Prepare students to handle the industry requirement of professionals to conceptualize and manage enterprise integration

2) The objective is to direct the thinking of students from an enterprise point of view and also to let them know about the importance of processes in organizations

3) The course would cover all the functions of business and the Key business processes

4) Design to enable students to model key business processes and design the required controls in these processes and also identify the relevant risks in these processes

5) Make use of functional expertise with a big picture organizational thinking

6) Understand the Why, What and how of enterprise integration

Alignment of course objectives (CO) with learning goals (LG) of Assurance of Learning

The methodology and sequence of delivery necessitates critical and integrative thinking, Effective oral and written communications, and intricacies of project, risk and change management, Integrity of process and above all a consistent and persuasive push to implement the concept of Enterprise integration.

- Faculty explains the business processes under each function
- Process is mapped and flowcharted
- Internal process relationships are mapped
- End to end processes are explained
- Principles ,requirements and methodology of integration explained
- During the summarization session, Total integration explained
- Transactional workings experimented in software

LG / CO	Critical and integrative Thinking	Effective written and oral communication	Societal and Environmental Awareness	Ethical Reasoning	Leadership
CO1	3	2	2	3	3
CO2	3	3	2	3	2
CO3	3	3	3	3	3
CO4	3	3	2	3	3
CO5	3	3	2	2	2
CO6	3	2	1	0	3

Unit-wise scope for outcomes and Bloom's taxonomy

Students are encouraged to

- Attend all lectures. Be an active listener/participant.
- Read the text and other instructional materials.
- Be ahead of class lectures by pre-reading the Chapters and come to class fully ready to   discuss the issues/topics
- Keep up-to-date regarding ERP/EI trends and developments in India and USA by reading quality-oriented periodicals published in print and in the Internet.
- Participate in discussions of case studies of organizations implementing ERP/EI.
- In your study group / teams, conduct comprehensive analyses of case studies.
- Practice solving the problems assigned
- Work on live problems

Bloom's Levels of Learning	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6
Creating	X		X	X	X	X
Evaluating	X	X	X		X	X
Analyzing	X	X	X	X	X	X
Applying		X	X	X	X	X
Understanding	X	X	X	X	X	X
Remembering	X	X	X	X	X	X

Course Structure

Part I-Why, What and How of Integration /Basics of ERP and Enterprise Integration

Part II-End to End thinking and process management

Part III—Core and supporting end to End

Part IV-Controlling Processes

Part V—Directing processes

Part VI-The full and complete integration

Part VII-Benefits and limitations and extended integration

Each part is associated with Exercises/short cases and projects

Pedagogy
- Case studies
- Individual presentations
- Group presentations
- Role play
- Class discussions
- Group and individual assignments
- Videos
- Live exercises

Assessment (Grading Policy: Relative)

S. no	Assessment exercise	Description	Weight
Group assessment			
1	Group assignments	*Cases* *Group Exercises* *Mini Project* *Main Project* *Live problem solving*	10% 10% 10% 10% 10%
Individual Assessment			
2	End-term exam	*Final exam*	35%
3	Individual assignments	*Short cases and readings* *Problem solving* *In class exercises*	15%

Course Requirements

Academic dishonesty is any type of cheating that occurs in relation to a formal academic exercise. It can include Plagiarism means the adoption or reproduction of original creations of another author (person, collective, organization, community or other type of author, including anonymous authors) without due acknowledgment (reference and citation). In accordance with the University Code of Academic Misconduct, plagiarism in any form will result in an "F" for the component of course. Cheating on exams carries similar penalties.

Written Work: All written work for this class should be typed and grammatically and mathematically correct

Attendance: Attendance is expected. In the case of absence, you are responsible for all work assigned or due. Anyone who plans to miss a class should provide assignments prior to class. Students with less than 80% attendance will not be graded for the course.

Examination and Assignment Submission Policy: Students are expected to take the examinations and submit assignments as per the predetermined schedule. Missed examinations will never be given, unless there are convincing reasons.

Every session would have about 45 minutes of lecture, 15 minutes of discussion /questions and answers and 15 minutes devoted to application of the concepts in the chosen field through case studies, problems, examples etc.

The course will be based on the lecture, case and situation simulation methods. Hence, it is expected that each student will have read the assigned material and/or case and be prepared to discuss them and answer related questions in class. The assigned reading load is heavy, as the breadth of the Quality Management field necessitates. Your registration in this course is a commitment to do a careful, critical reading of all required materials prior to each class. Discussions and individual contributions are encouraged, expected, and shall count toward your final performance evaluation.

Course Text
Concepts in Enterprise Resource Planning Ellen F Monk & Bret J Wagner Cengage Publishers

Session Plan

Session No	Topic	Class Preparation	Post class reading
1,2	Basics of ERP AND Enterprise Integration	Chapter 1 and 2 text book	Assigned readings/short cases
3,4	Why and What of Integration	Assigned readings	Assigned cases
5,6	How of Integration	Assigned readings	Assigned cases
7	Benefits/Limitations of integration	Assigned readings	
8	Extended integration	Assigned chapters in text/assigned cases	
9,10	End to End process Thinking	Assigned readings in text	Short cases/organizational readings
11,12	The concept of end to end modeling and processes	Assigned readings and chapters	Exercises assigned
13,14	Order to Cash process	Relevant chapter in text	Exercises assigned
15,16	Procure to Pay Process	Relevant chapter in text	Exercises assigned
17,18,19	Demand to Build Process	Relevant chapter in text	Exercises assigned
20	Hire to Retire process	Relevant chapter in text	Exercises assigned

21,22	Budget to report and GCR	Relevant chapter in text	Exercises assigned
23	Other Independent process modules-CS/PM/AM/PS	Relevant chapter in text	Exercises assigned
24	Full integration	Assigned readings	Mini project/Project
25	Integration in different industries-Manufacturing and Services	Specified readings	
26,27	Evaluation/summarization/Course outcome review		

Contribution to Placements

This course introduces to the students to principles of Quality Management, which are later reinforced using case studies from Indian scenario. Further, the project will get them ready to develop an understanding of quality processes and defined outcomes. This enhances their employability in the domain of Quality in Operations. Several companies test students on their understanding of quality concepts and its practical applications This course guides the development of such acumen needed for recruitment in Operations domain.