Enterprise Resource Planning Strategy

Credits   3
Faculty Name   Pritam Parija
Program   MBA – EMBA
Academic Year and Term 2022-23, Term IV

1.   Course Description

Enterprise Systems includes enterprise resource planning (ERP), Supply Chain Management (SCM), Customer Relationship Management (CRM), and other enterprise-level systems such as the Human Capital Management (HCM) which are critical to all dynamic companies having global presence.

The course will be divided into the following sections

1. Section 1 – Introduction to ERP (4-6 Sessions)
    a. Basics of ERP Strategy, Processes, and implementations
    b. This will cover the core reading material
2. Section 2 – ERP Processes & Strategy (4-6 Sessions)
    a. Detailed drill down into all ERP processes
    b. This can be associated with an ERP implementation using ERPNext tool
3. Section 3 – ERP Implementation (2-3 Sessions)
    a. Understand strategy for successful ERP Consulting, Design and implementations
    b. Will have a Change Management Case Study
4. Section 4 – ERP Technology Focus (2 Session)
    a. Focus on CRM or SAP or similar ERP tool or technology
    b. Will have associated assignment or case study
    c. Build your own ERP
5. Section 5 – ERP & Digital Technologies (2-3 Sessions)
    a. Will focus on impact of technologies like AI, Analytics and RPA on ERP
    b. Will have a case study or assignment in RPA

2.   Student Learning Outcomes

On completion of the course participants will be able to:
- You will understand what we mean by ERP and the strategic intent and outcomes of its modules
- You will be able to appreciate ERP as a strategic instrument, applicable to companies of any size using any tool from MS Excel to SAP.
- You will be able to discuss and demonstrate various types of modules and processes in ERP

- You will be able to understand and demonstrate implementation strategies for ERP
- You will be able to discuss and demonstrate the impact and benefits of technologies like Analytics, AI and RPA on ERP
- You will have designed and implemented an ERP system for a given company

3. Textbooks and Reading Material
- Required
  - Enterprise Resource Planning by Veena Bansal , Pearson India
- Suggested Reading
  - Enterprise Systems for Management, Luvai F. Motowalla, & Jeff Thompson, Pearson Education
  - Learning Materials provided under the SAP university Alliances program

4. Tentative Session Plan

Session	Topic	Details
1	Introduction to ERP	
2	ERP Structures & Modules	Case Study 1
3	ERP Software Options & ERP Process Re-Engineering	
4	ERP System Selection	Case Study 2
5	ERP User Training	Case Study 3
6	Case Study Presentation	
7	ERP Modules – II (Accounting)	Case Study 4/ Assignment
8	ERP Modules – II (Procurement)	
9	ERP Modules – II (Fulfillment)	
10	ERP Modules – II (Production)	
11	ERP Modules – II (Inventory)	
12	ERP Modules – II (Materials Planning)	
13	ERP Modules – II (Integration)	
14	ERP Modules – II (Integration)	
15	ERP implementation - I	Assignment
16	ERP Implementation – II	
17	ERP & Related Technologies	
18	ERP & Related Technologies	
19	ERP & Automations	Case Study 5
20	Enhancing Enterprise Intelligence	

5. Evaluation
a. Quiz   –   20%
b. End Term   –   30%
c. Assignments   –   40%
d. CP   –   10%

6. Academic Integrity:

Broad Course Guidelines

Your attitude toward learning the course material will influence your learning and performance. The skills you will acquire in this course will be very useful irrespective of your future roles in any business. You are responsible for all of the materials covered in class and in the textbook. You are free to meet your instructor in connection with homework assignments and to clarify any concepts from the lecture, with appointment.

Course Conduct

You will not indulge in any disruptive activities during the class lecture and discussions/presentations. Students not attending classes are responsible for the class coverage and announcements. Mobile phones are not allowed inside the class room. All Online classes will need video to be switched on to encourage engagement, exceptions to be explicitly requested and approved. Adopting unfair means or mal-practice/s, or plagiarism in any form will make you eligible to get an F grade in the entire course.

Class Participation

Class participation is essential to the success of the class. You must attend classes in order to participate. You should provide meaningful contribution to the class through comments and discussion. Attendance will also be used to decide on the marks for your class participation component.

Course Transparency

You are free to meet and ask your instructor regarding any discrepancy as regards course evaluation.