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Jindal Global Business School  
*Course Outline*

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Course Title	Introduction to SAP S4HANA ERP
Core or Elective	Elective
Program and Batch	MBA 2, IBM 4
Semester & Academic Year	Spring 2026
Credits	1.5
Discipline/Area	Information Systems & Analytics
Name of the Faculty Member/Course Instructor	<b>Barsha Saha</b>
Contact Details of the Faculty Member	<a href="mailto:barsha.saha@jgu.edu.in">barsha.saha@jgu.edu.in</a>
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Faculty Member's Open Office Day/s & Time	TBD

### Introduction to the Course

Welcome to Introduction to SAP S4HANA ERP industry elective!

The simplest way to define ERP is to think about all the core business processes needed to run a company: finance, HR, manufacturing, supply chain, services, procurement, and others. At its most basic level, ERP helps to efficiently manage all these processes in an integrated system. It is often referred to as the system of record of the organisation.

Yet today's ERP systems are anything but basic and have little resemblance to the ERP of decades ago. They are now delivered via the cloud and use the latest technologies – such as artificial intelligence (AI) and machine learning – to provide intelligent automation, greater efficiency, and instant insight across the business. Modern cloud ERP software also connects internal operations with business partners and networks around the world, giving companies the collaboration, agility, and speed, they need to be competitive today.

This PG elective is designed to deliver the business perspective of ERP partnered with SAP, a leading ERP service provider. The course focuses on business requirements, SAP-ERP based solution development with adequate practical implementations. The core SAP module for this elective is SD & MM integrated with relevant modules such as FICO, WM and PP and advanced module DSD, which is heavily relied on by top FMCG brands. The course follows hands-on activities on SAP suite for each session and designed for continuous assessment.

**Prerequisites:** Prior experience with any programming language is preferred for this course.

## Course Learning Objectives

At the end of the course, students should be able to-

1. **CLO 1:** Understand enterprise resource planning (ERP) and get introduced to the core concepts.
2. **CLO 2:** Develop an understanding of the fundamentals of different modules in ERP system, SAP for this course.
3. **CLO 3:** Get an overview and develop an introductory level of competency of SAP ERP functionalities.
4. **CLO 4:** Develop expertise for project-based opportunities to identify, understand, analyze, prepare, and present effective ERP-based solutions.

## Programme Competency Goals

MBA Programme Competency Goals (PCGs)		MBA Programme Learning Objectives (PLOs)
		Students will be able to
1	<b>Technological Agility:</b> Ability to adopt relevant technologies for better business decision making.	1. Understand relevant business technologies
		2. Understand future technologies in business domain
2	<b>Responsible Global Citizenship:</b> Ability to understand the interplay between local and global issues and to act with sensitivity towards ethical and social issues	3. Understand the interplay between local and global business issues
		4. Demonstrate sensitivity towards ethical issues
		5. Demonstrate sensitivity towards social issues
		6. Address societal issues
3	<b>Effective communication:</b> Ability to effectively exchange ideas and information	7. Present their ideas with clarity
		8. Prepare an organized and logical business document
		9. Use technology for effective communication
4	<b>Critical Thinking:</b> Ability to identify, analyse business problems and propose effective solutions	10. Identify main issues of business problems
		11. Examine information from different sources
		12. Draw inferences from analysis
		13. Evaluate alternatives
5	<b>Leadership:</b> Ability to take initiative, inspire and collaborate with others	14. Summarize and conclude
		15. Take initiative
		16. Contribute effectively in groups

## PLO-PCG Assessments Mapping Matrix

Program Learning Objectives (PLOs)	Program Competency Goals (PCGs)	Course Assessment Item
This course helps you to develop the following Program Learning Outcomes:	This course helps you to develop the following Program Competency Goals:	This learning outcome will be assessed in the following items
<b>PLO1 – PLO6</b>	<b>PCG1 – PCG2</b>	A1
<b>PLO10 – PLO12</b>	<b>PCG4</b>	A2, A3
<b>PLO7 – PLO9, PLO15 – PLO16</b>	<b>PCG3, PCG5</b>	A4
<b>PLO10 – PLO14</b>	<b>PCG4</b>	A5

### Evaluation Schema

The course grade will be determined based on:

Assessment Task	Weightage	Nature	Week of Assessment	PLOs to be Assessed
A1: Class participation	10%	Individual	Throughout this course	<b>PLO1 – PLO6</b>
A2: Quiz (UMS Based)	20%	Individual	End of second week of the course	<b>PLO10 – PLO12</b>
A3: Class Assignment (UMS Based)	20%	Individual	End of fourth week of the course	<b>PLO10 – PLO12</b>
A4: Project (Report & PPT)	30%	Group	In the 13 <sup>th</sup> Session	<b>PLO7 – PLO9, PLO15 – PLO16</b>
A5: End Term Assignment (UMS Based)	30%	Individual	In the 12 <sup>th</sup> Session	<b>PLO10 – PLO14</b>

### Description of Assessments:

**A1 Class Participation:** Active and constructive contribution to classroom discussion is evaluated through this component. It contains 5 SAP configuration activities each of 2 marks.

**A2 Quiz work:** An UMS-based quiz to evaluate understanding and working knowledge of the subject.

**A3 Class Assignment:** An in-class assignment to assess working knowledge of the subject.

**A4 Project:** A final in-depth analysis of the project topic to be submitted as word file and to be presented in class at the end of the course.

**A5 End Term Assignment:** A Lab-based examination at the end of the course focusing on the analytical and practical evaluation of students' learnings from the course as the part of continuous assessment.

### Project Submission Guidelines:

Only one representative from each group have to submit 1 report and 1 PPT file on UMS by Session 11, 11:59 p.m.

File type: Word

Font: Time New Roman

Font size: 12, single spaced

Length: As applicable

The word file should contain:

1. Title
2. Group member with JGU ID
3. Content Page
4. Common Questions (CQ)
5. Group Specific Questions (SQ)
6. References
7. Include page numbers

The PPT file should contain:

1. Title
2. Group member with JGU ID
3. Content Page
4. Common Questions (CQ)
5. Group Specific Questions (SQ)
6. Include slide numbers

Maintain PPT non-text heavy, to-the-point and brief representations of the answers. All members of the group should present in-person.

### **Rubrics for Assessments**

#### **For Group Project Report & Presentation**

<b>Criteria (Weight)</b>	<b>Excellent</b>	<b>Very Good</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Needs Improvement</b>
Report (50%)	Deep financial knowledge & clear information	Good understanding & mostly relevant info	Some understanding, minor inaccuracies	Limited understanding, major inaccuracies	Lacks understanding or irrelevant information
Presentation (50%)	Organized, clear visuals & professional delivery	Mostly organized, clear visuals & good delivery	Somewhat disorganized, unclear visuals or lacking delivery	Disorganized, ineffective visuals or poor delivery	Not presented

## **Teaching Method**

- Students will read class material, study best and worst practices, compare and contrast real-world examples, engage in problem-solving, and participate in discussions related to the course material.
- Students will also practice applying the techniques, and best practices discussed to real-world problems.
- The interactive approach of learning through hands-on implementation will be used.

## **Textbook /Other Readings**

- ✓ SAP Fiori: Implementation and Development – by Souvik Roy, Aleksandar Debelic, Gairik Acharya, ISBN 978-1-4932-2205-6

## Session Plan

Session Details	Topics	PLOs Covered
<b>Session 1</b>	<b>Introduction to ERP</b>	<b>PLO1 – PLO2</b>
Objective of the session	At the end of this session, students should be able to have a clear understanding of ERP systems and their utility in enhancing business processes. Brief introduction to SAP Fiori.	
Subtopics to be covered	Introduction, importance, history, and basic functionalities of ERP	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, & discussion	
<b>Session 2</b>	<b>Introduction to SAP Suite &amp; Modules</b>	<b>PLO3 – PLO6</b>
Objective of the session	At the end of the session students will be familiar with SAP Suite as ERP solution system and identify different modules.	
Subtopics to be covered	Evolution and application of SAP	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, & discussion	
<b>Session 3</b>	<b>SAP Business Processes</b>	<b>PLO11 – PLO12</b>
Objective of the session	At the end of this session, students should be able to identify different modules of any ERP system. The modules will be referred to as presented in SAP system.	
Subtopics to be covered	Module wise business processes	
Readings	Introduction to SAP ERP	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	
<b>Session 4</b>	<b>Business Process Integration   Quiz</b>	<b>PLO11 – PLO12</b>
Objective of the session	Discuss different business process flow maintained by SAP	
Subtopics to be covered	Relevant SAP modules and their functionalities	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	
<b>Session 5</b>	<b>Hands-On Session-1: “Business Flow – MM Configuration”</b>	<b>PLO10 – PLO14</b>
Objective of the session	Discuss different business process flow maintained by SAP MM.	
Subtopics to be covered	Relevant SAP modules and their functionalities	
Readings	NA	
Case Title & Number	NA	

Pedagogy	Lecture, presentation, hands-on & discussion	
<b>Session 6</b>	<b>Navigating and Configuring Fiori</b>	<b>PLO3, PLO10 – PLO14</b>
Objective of the session	At the end of this session, students should have a fully configured Fiori interface and perform basic account related operations	
Subtopics to be covered	1. Fiori Interface 2. User modules	
Readings	SAP S/4 HANA Fiori – SAP	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	
<b>Session 7</b>	<b>Business Flow – MM Flow</b>	<b>PLO10 – PLO14</b>
Objective of the session	Discuss different business process flow maintained by SAP MM.	
Subtopics to be covered	Relevant SAP modules and their functionalities	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	
<b>Session 8</b>	<b>Hands On Session –“SAP Project Lifecycle   Class Assignment”</b>	<b>PLO3, PLO10 – PLO14</b>
Objective of the session	At the end of this session, students will be able to design a SAP implementation project lifecycle	
Subtopics to be covered	Stages and considerations for SAP lifecycle. Advanced systems as DSD, Success Factors	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	
<b>Session 9</b>	<b>SAP Module: SD Configuration</b>	<b>PLO7, PLO10 – PLO14</b>
Objective of the session	Discuss the business flow for SD module	
Subtopics to be covered	Different types of configurations under SD	
Readings	NA	
Case Title & Number	Global Bike	
Pedagogy	Lecture, presentation, hands-on & discussion	
<b>Session 10</b>	<b>SAP &amp; ABAP Programming</b>	<b>PLO1 - PLO14</b>
Objective of the session	<b><i>Guest Lecture:</i></b> SAP ERP and ABAP programming	
Subtopics to be covered	<b><i>Mr. Dulal Das, Senior ABAP consultant, Deloitte</i></b>	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	

Session 11	SAP Module: SD Flow   Group Project Submission on UMS	PLO7, PLO10 – PLO14
Objective of the session	Discuss the business flow for SD module	
Subtopics to be covered	Different types of configurations under SD	
Readings	NA	
Case Title & Number	Global Bike	
Pedagogy	Lecture, presentation, hands-on & discussion	
Session 12	Lab Based End Term Assignment	PLO1 – PLO2, PLO3, PLO6, PLO7, PLO10 – PLO14
Objective of the session	Submission of End Term Assignment in-class	
Subtopics to be covered	NA	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	
Session 13	Final Project Presentation	PLO7 – PLO9, PLO12 – PLO14, PLO15 – PLO16
Objective of the session	Presentations of final ERP based analysis project	
Subtopics to be covered	Presentation and Brief project report	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	
Session 14	Reading & Revision Week	PLO1 – PLO16
Objective of the session	Course revision and doubt clearing	
Subtopics to be covered	NA	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	
Session 15	Reading & Revision Week	PLO1 – PLO16
Objective of the session	Course revision and doubt clearing	
Subtopics to be covered	NA	
Readings	NA	
Case Title & Number	NA	
Pedagogy	Lecture, presentation, hands-on & discussion	

### Disability Support

JGU endeavours to make all its courses accessible to students. The Disability Support Committee (DSC) has identified conditions that could hinder a student's overall well-being. These include physical and mobility related difficulties, visual impairment, hearing impairment, mental health conditions and intellectual/learning difficulties e.g., dyslexia and dyscalculia. Students with any known disability needing academic and other support



are required to register with the Disability Support Committee (DSC) by following the procedure specified at <https://jgu.edu.in/disability-support-committee/>

Students who need support may register any time during the semester up until a month before the end semester exam begins. Those students who wish to continue receiving support from the previous semester, must re-register within the first month of a semester. Last minute registrations and support might not be possible as sufficient time is required to make the arrangements for support.

The DSC maintains strict confidentiality about the identity of the student and the nature of their disability and the same is requested from faculty members and staff as well. The DSC takes a strong stance against in-class and out-of-class references made about a student's disability without their consent and disrespectful comments referring to a student's disability.

All general queries are to be addressed to [disabilitysupportcommittee@jgu.edu.in](mailto:disabilitysupportcommittee@jgu.edu.in)

\*Disclaimer: This course outline including assessments, sessions and/or readings may be revised during the semester if such need arises.