

CIRCULAR

From: IIHMRU Academics
Sent: 22 November 2024 03:59 PM
To: MBA HM -29; MBA PM -16; MBA HA - 01; MBA DM -04
Cc: Himadri Sinha; Sanjay Gupta; Saurabh Kumar; Dr. Suresh Munuswamy; IIHMR Registrar; Hitendra Singh Rathore
Subject: MBA first Year: Value Added Course (VAC) Selection and Schedule

Dear Students,

We are pleased to announce that Value Added Courses (VAC) for MBA first-year students will run from **January 4, 2025**.

Please find key details below:

Schedule and Credits

- **Class Dates:** First and third Saturdays — January 4, January 18, February 1, March 1 and March 15, 2025.
- **Credits:** Each course is worth 1.5 credits, which will be added to your credit bank as additional credit apart from regular MBA credit courses.

Assessment Structure

- **Continuous Assessment:** 30%
- **Mid-term Test:** 20%
- **End-term Exam:** 50%

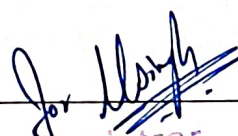
VAC Course Options

Sl. No.	Value Added Course	Faculty
1.	Data analysis for managerial decisions using SPSS	Dr. Arindam Das
2.	Just-in-Time & Lean Healthcare Management	Dr. Susmit Jain
3.	Strategies for Conflict Resolution and Negotiation.	Dr. Deepti Sharma
4.	Structured Database Management system	Dr. Ritu Vashistha
5.	HR Analytics	Dr. Kajal Sitlani
6.	Spanish Language	Ms. Ruchi Kaushik
7.	German Language	Mr. Dilip Kuma
8.	French Language	Ms. Reema Singhani

Important Notes

- **Selection Window:** Opens on **Monday, November 25, 2024 at 1 PM** and closes on **Thursday, November 28, 2024 at 4 PM**. Please select one course of interest.
- **Attendance Requirement:** Minimum 75% attendance is mandatory.
- **No Course Changes Allowed:** Once chosen, course selection cannot be altered

Best regards, Academic Office


Registrar
The IIHMR University
1, Prabhu Dayal Marg
Near Sanganeer Airport, Jaipur-302029

Course Title	Course Code	Duration of Course	Academic Year
Structured Database Management system	VAC-022	35 Hours	2024-25



MBA Hospital and Health Management
MBA Pharmaceutical Management
MBA Healthcare Analytics

MBA Value Added Course (VAC)

First Year
2024-26

Course Plan

Structured Database Management system

Dr. Ritu Vashistha
Assistant Professor



[Signature]
Registrar

The IIHMR University
1, Prabhu Dayal Marg
Near Sanganer Airport, Jaipur-302029

1. Course Information

Course Title	Structured Database Management system
Course Code	VAC-022
Contact Hours	35
Course Credit	1.5

2. Course Description

The course introduces the concepts of database management systems to students, focusing on basics such as the importance and significance of a database, data model, schema creation and normalization.

Course Objectives

The objectives of this course are to:

1. Understand database concepts and query language
2. Understand the E R model and relational model
3. Design and build a database system and demonstrate competence with the fundamental tasks involved with modelling, designing, and implementing a DBMS.

Course Outcome

After the course, students should be able to:

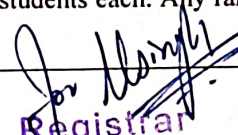
CO1	Describe the features of database management systems
CO2	Using conceptual modelling tools like ER diagrams and design database schemas based on the conceptual model
CO3	Write queries in relational algebra / SQL.
CO4	Normalize a given database schema

3. Course Pedagogy

The course will be covered by classroom lectures augmented by journal article discussions and practical exercises related to salient issues in Database Handling.

4. Course Requirement

Effective learning requires active participation of students in class; it is therefore desired that every student report to the class well prepared to present and defend his/her ideas. Preparation for the class calls for pre-reading of the topics/research papers to be discussed later. Further, for meaningful discussion of the research papers, the students are required to work with groups, go through relevant readings, and come ready with group work-based critical analysis. For the purpose of group work and presentation, the class will be divided into groups comprising five students each. Any random group will


Registrar
The IIHMR University
1, Prabhu Dayal Marg
Near Sanganeer Airport, Jaipur-302029

have to make a presentation and lead a discussion, and all will have to submit written critiques/responses to given questions.

5. Course Syllabus

Units	Content/ Topics	CO	Bloom's Learning (BL) Levels
Unit 1	Basics of Database Introduction and applications of DBMS, Purpose of database, View of Data, Database Languages, Database architecture, Database users and DBA	CO1	BL1, BL2
Unit 2	Relational Model Structure of Relational Databases, Database Schema, Keys, Relational Operations and Relational Algebra	CO4 CO5	BL1, BL2, BL3
Unit 3	Entity Relationship Model Basic Concepts and definitions, Constraints, Entity Relationship Diagram, Weak Entity Sets, Extended E-R Features, Conversion of ER diagram into relations	CO1 CO2 CO3	BL1, BL2, BL3, BL4
Unit 4	SQL Introduction to SQL, Data Definition of SQL, Basic structure of SQL queries, Basic SQL operations (rename, string operations, order by, where clause), Set operations, Null values, Aggregate functions, Nested Subqueries, Modification of Database, Integrity constraints, Data types and Schemas, Authorization	CO2 CO3	BL1, BL2, BL3
Unit 5	Relational Database Design First Normal Form, Decomposition, Desirable Properties of Decomposition, Functional Dependencies, Second and Third Normal Form and Boyce-Codd Normal Form	CO 2 CO 3	BL1, BL2, BL3

Note: Bloom's Taxonomy Levels are as follows:

BL1: Remember, BL2: Understand, BL3: Apply, BL4: Analyse, BL5: Evaluate, BL6: Create

6. Course Policies

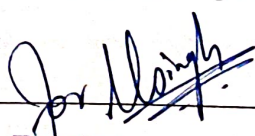
This course abides by the university's policies, which can be found in the Student Handbook. Please note the following:

Attendance: Students are required to maintain a minimum attendance of 75% to be eligible to appear in the End-Term Examination of the course. Please refer to the student handbook for further details.

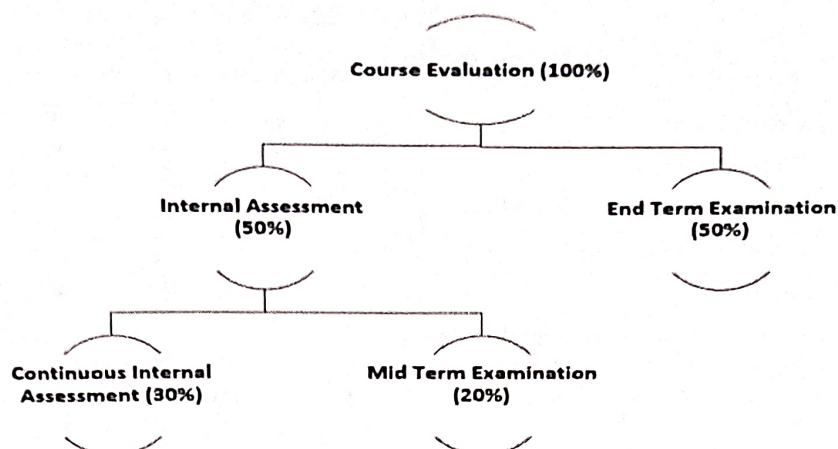
E-Mail: Each student has an e-mail ID and a password provided by the university. Students will receive course-related information in this e-mail. Students are advised to regularly check this e-mail for updates on the course.

7. Course Assessment

Students' performance in the course will be evaluated by following two components, with 50% weightage to each component:


 Registrar
 The IIMR University
 1, Prabhu Dayal Marg
 Near Sanganer Airport, Jaipur-302029

1. Internal Assessment (50%)
2. End-Term Examination (50%)



Internal Assessment: The internal Assessment will be further divided into two parts, with the weightage given below.

1. Continuous Internal Assessment (30%)
2. Mid-Term Examination (20%)

Part 1: Continuous Internal Assessment (CIA): The Continuous Internal Assessment will be of 30 % weightage. The faculty will conduct the Continuous Internal Assessment of the students by using at least two methods of Assessment (for three-credit courses) from the methods given below:

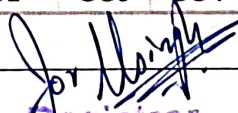
1. Home Assignments (Individual / Group)
2. Viva-Voce
3. Case Study
4. Review Paper
5. Group Work
6. Presentations
7. Model Development Role-Play
8. Rapid Fire Questions
9. Quiz
10. Class Assignments (Individual / Group)
11. Posters
12. Class Participation

Part 2: Mid-Term Examination (MTE): The mid-term examination will be of 20 % weightage. The faculty will conduct the mid-term examination of the students during or at the end of the course. It can either be an objective type question paper / a subjective type question paper, or a mix of objective and subjective question paper.

End-Term Examination (ETE): It carries 50 % weightage, covering the full syllabus of the course. The end-term examination will be of a maximum of 50 marks to be completed in a maximum of three hours. The end-term examination will be conducted at the end of the trimester on the scheduled date published by the Controller of Examination.

8. CO and Assessment Alignment Matrix

S. No.	Activity	CO1	CO2	CO3	CO4
--------	----------	-----	-----	-----	-----


 Registrar
 The IHMR University
 1, Prabhu Dayal Marg
 Near Sandanar Airport, Jaipur-302029

1.	Home Assignments (Individual / Group)				
2.	Viva-Voce	√	√	√	√
3.	Case Study				
4.	Review Paper				
5.	Group Work	√	√	√	√
6.	Presentations	√	√	√	√
7.	Model Development Role-Play				
8.	Rapid Fire Questions				
9.	Quiz	√	√	√	√
10.	Class Assignments (Individual / Group)				
11.	Posters				
12.	Class Participation				
13.	Mid Term Examination				
14.	End Term Examination				

Note: Please tick the relevant cell to show the respective alignment.

9. Session Plan

Day	Topic/Contents	Pedagogy	Reading Materials
Day 1	Basics of Database Introduction and applications of DBMS, Purpose of database, View of Data, Database Languages, Database architecture, Database users and DBA	Lecture & Self Reading	• Leon Gordis. Epidemiology (6th Ed). Chapter 1. Introduction
Day 2	Relational Model Structure of Relational Databases, Database Schema, Keys, Relational Operations and Relational Algebra	Lecture and Practical	• Database System Concepts by Abraham Silberschatz (Author), Henry F. Korth (Author), S. Sudarshan (Author)
Day 3	Entity Relationship Model Basic Concepts and definitions, Constraints, Entity Relationship Diagram, Weak Entity Sets, Extended E-R Features, Conversion of ER diagram into relations	Lecture & Hands-On Exercise	• Database System Concepts by Abraham Silberschatz (Author), Henry F. Korth (Author), S. Sudarshan (Author)
Day 4	SQL Introduction to SQL, Data Definition of SQL, Basic structure of SQL queries, Basic SQL operations (rename, string operations, order by, where clause), Set operations, Null values, Aggregate functions, Nested Subqueries, Modification of Database, Integrity constraints, Data types and Schemas, Authorization	Lecture & Hands-On Exercise	• Database System Concepts by Abraham Silberschatz (Author), Henry F. Korth (Author), S. Sudarshan (Author)

[Signature]
Registrar

The IIHMR University
1, Prabhu Dayal Marg
Near Sangner Airport, Jaipur-302029

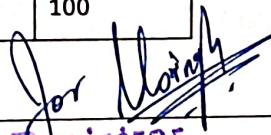
Day	Topic/Contents	Pedagogy	Reading Materials
Day 5	Relational Database Design First Normal Form, Decomposition, Desirable Properties of Decomposition, Functional Dependencies, Second and Third Normal Form and Boyce-Codd Normal Form	Lecture & Hands-On Exercise	Database System Concepts by Abraham Silberschatz (Author), Henry F. Korth (Author), S. Sudarshan (Author)

Session Timings

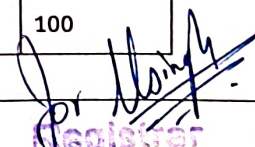
Day	Date	Session 1	Session 2	Lunch Break	Session 3	Session 4
Day 1	January 4, 2025	9:00–11:00 AM	11:15 AM–1:15 PM	1:15–2:15 PM	2:15–3:45 PM	4:00–5:30 PM
Day 2	January 18, 2025	9:00–11:00 AM	11:15 AM–1:15 PM	1:15–2:15 PM	2:15–3:45 PM	4:00–5:30 PM
Day 3	February 1, 2025	9:00–11:00 AM	11:15 AM–1:15 PM	1:15–2:15 PM	2:15–3:45 PM	4:00–5:30 PM
Day 4	March 1, 2025	9:00–11:00 AM	11:15 AM–1:15 PM	1:15–2:15 PM	2:15–3:45 PM	4:00–5:30 PM
Day 5	March 15, 2025	9:00–11:00 AM	11:15 AM–1:15 PM	1:15–2:15 PM	2:15–3:45 PM	4:00–5:30 PM

Student Attendance

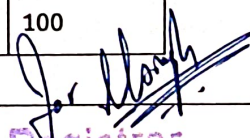
Registration ID	Name	Total Sessions Scheduled	Sessions Attended	Present Percentage
IIHMR-U/01/2024-26/1887	Aakanksha Pathania	20	20	100
IIHMR-U/01/2024-26/1894	avantika bansal	20	20	100
IIHMR-U/01/2024-26/1907	Ankita Shaw	20	20	100
IIHMR-U/01/2024-26/1912	Archana Kumari Mahato	20	20	100
IIHMR-U/01/2024-26/1914	Arpita Dash	20	20	100


Registrar
The IIHMR University
 1, Prabhu Dayal Marg
 Near Sanganer Airport, Jaipur-302029

IIHMR-U/01/2024-26/1919	Awantika Das	20	20	100
IIHMR-U/01/2024-26/1925	Bharti choudhary	20	20	100
IIHMR-U/01/2024-26/1926	Bhavana Katiyar	20	20	100
IIHMR-U/01/2024-26/1929	Chandan Jha	20	20	100
IIHMR-U/01/2024-26/1930	Charu Dhiman	20	16	80
IIHMR-U/01/2024-26/1935	Deshmukh Shruti Kailash	20	20	100
IIHMR-U/01/2024-26/1938	Dheeraj Kumar Kaushik	20	20	100
IIHMR-U/01/2024-26/1941	Dishanka Agarwal	20	20	100
IIHMR-U/01/2024-26/1947	Gadge Sayalee Vilas	20	20	100
IIHMR-U/01/2024-26/1956	Harshita Sinha	20	20	100
IIHMR-U/01/2024-26/1974	Khakre Rameshwar Subhash	20	20	100
IIHMR-U/01/2024-26/1975	Khushi Garg	20	20	100
IIHMR-U/01/2024-26/1981	Komal Kumari	20	20	100
IIHMR-U/01/2024-26/1982	Komali Hema Kumar	20	20	100
IIHMR-U/01/2024-26/1984	Koustav Maity	20	20	100
IIHMR-U/01/2024-26/1986	Kuppa SatyaSai Indra Abhiram Sastry	20	20	100
IIHMR-U/01/2024-26/1997	Mrinal Srivastava	20	20	100
IIHMR-U/01/2024-26/1999	Nagrecha Jay Jeetendrabhai	20	20	100
IIHMR-U/01/2024-26/2000	Nalat Kalyani Rajendra	20	20	100
IIHMR-U/01/2024-26/2001	Nandini Chaturvedi	20	20	100
IIHMR-U/01/2024-26/2003	Natasha Bangari	20	20	100
IIHMR-U/01/2024-26/2010	Nishi Mary Jacob	20	20	100
IIHMR-U/01/2024-26/2012	Nitish Kumar Tiwari	20	20	100
IIHMR-U/01/2024-26/2016	Palak Jaggi	20	20	100
IIHMR-U/01/2024-26/2024	Prachi Paliwal	20	20	100
IIHMR-U/01/2024-26/2029	Pranga Sen	20	20	100


 Registrar
 The IIHMR University
 1, Prabhu Dayal Marg
 Near Sanganer Airport, Jaipur-302029

IIHMR-U/01/2024-26/2037	Prerna Banerjee	20	20	100
IIHMR-U/01/2024-26/2039	Prity Kumari	20	20	100
IIHMR-U/01/2024-26/2043	Radhika Chopra	20	20	100
IIHMR-U/01/2024-26/2046	Raman John Shrivastava	20	20	100
IIHMR-U/01/2024-26/2047	Ratti Vanshita Gulshanlal	20	20	100
IIHMR-U/01/2024-26/2048	Raut Pranjali Ashok	20	15	75
IIHMR-U/01/2024-26/2049	Reba Mary Mathew	20	20	100
IIHMR-U/01/2024-26/2062	Rohit Yadav	20	20	100
IIHMR-U/01/2024-26/2069	Sanjana Jain	20	20	100
IIHMR-U/01/2024-26/2070	Sarvesh kumar Singh	20	16	80
IIHMR-U/01/2024-26/2071	Satheesh S	20	20	100
IIHMR-U/01/2024-26/2072	Saurish sanjay gautam	20	20	100
IIHMR-U/01/2024-26/2081	Shivani S Pillai	20	20	100
IIHMR-U/01/2024-26/2097	Soni Manav Anujkumar	20	20	100
IIHMR-U/01/2024-26/2101	Tanmoy Das	20	20	100
IIHMR-U/01/2024-26/2107	Tushar Maheshwari	20	20	100
IIHMR-U/01/2024-26/2108	URVI Sharma	20	20	100
IIHMR-U/01/2024-26/2109	Vibhuti Gupta	20	20	100
IIHMR-U/02/2024-26/0633	Chaudhari Dimpal Nitin	20	20	100
IIHMR-U/02/2024-26/0636	Deepanjali kumari	20	20	100
IIHMR-U/02/2024-26/0691	Rohan Sharma	20	20	100
IIHMR-U/02/2024-26/0692	Ruparel Meet Manojbhai	20	20	100
IIHMR-U/02/2024-26/0699	Santosh Soumyadarshi Dash	20	20	100
IIHMR-U/02/2024-26/0713	Shweta Kumari	20	20	100
IIHMR-U/18/2024-26/0003	Ayush Saxena	20	20	100
IIHMR-U/18/2024-26/0008	Gaurav Vijay Nasare	20	20	100


 Registrar
 The IIHMR University
 1, Prabhu Dayal Marg
 Near Sangner Airport, Jaipur-302029

IIHMR-U/18/2024-26/0011	BHANDEKAR KARTIK RAGHUNATH	20	20	100
IIHMR-U/18/2024-26/0021	Patil Smit Rajendra	20	20	100
IIHMR-U/18/2024-26/0022	Shirke Lalit Ravindra	20	20	100

IIHMR UNIVERSITY

Certification of Completion

This certifies that

Aakanksha Pathania

Master of Business Administration (Hospital and Health Management)

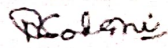
2024-26

has successfully completed Value Added Course (VAC) on

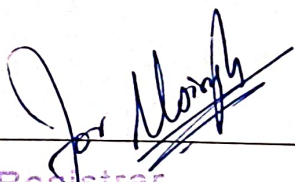
Structured Database Management System

Conducted during January - March 2025, accumulating a total of 35 hours
with Grade A+


Dr. Himadri Sinha
Professor and Coordinator (VAC)


Dr. P.R. Sodani
President

Date of issue: March 20, 2025


Registrar

The IIHMR University
1, Prabhu Dayal Marg
Near Sangner Airport, Jaipur-302029



Certification of Completion

This certifies that

Chaudhari Dimpal Nitin

Master of Business Administration (Pharmaceutical Management)

2024-26

has successfully completed Value Added Course (VAC) on

Structured Database Management System

Conducted during **January - March 2025**, accumulating a total of 35 hours
with **Grade A**

Dr. Himadri Sinha
Professor and Coordinator (VAC)

Dr. P.R. Sodani
President

Date of issue: March 20, 2025



Certification of Completion

This certifies that

Ayush Saxena

Master of Business Administration (Healthcare Analytics)

2024-26

has successfully completed Value Added Course (VAC) on

Structured Database Management System

Conducted during **January - March 2025**, accumulating a total of 35 hours
with **Grade A+**

Dr. Himadri Sinha
Professor and Coordinator (VAC)

Dr. P.R. Sodani
President

Date of issue: March 20, 2025

Registrar
The LIHMR University
1, Prabhu Dayal Marg
Near Sanganer Airport, Jaipur-302029

IIHMR UNIVERSITY

Certification of Completion

This certifies that

Rohan Sharma

Master of Business Administration (Healthcare Analytics)

2024-26

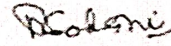
has successfully completed Value Added Course (VAC) on

Structured Database Management System

Conducted during **January - March 2025**, accumulating a total of 35 hours
with Grade B+

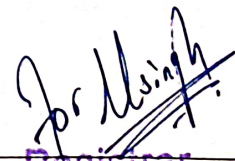


Dr. Himadri Sinha
Professor and Coordinator (VAC)



Dr. P.R. Sodani
President

Date of issue: March 20, 2025



Registrar
The IIHMR University
1, Prabhu Dayal Marg
Near Sanganer Airport, Jaipur-302029



Certification of Completion

This certifies that

Shweta Kumari

Master of Business Administration (Healthcare Analytics)

2024-26

has successfully completed Value Added Course (VAC) on

Structured Database Management System

Conducted during **January - March 2025**, accumulating a total of 35 hours
with **Grade A+**

Dr. Himadri Sinha
Professor and Coordinator (VAC)

Dr. P.R. Sodani
President

Date of issue: March 20, 2025

Registrar
The IIHMR University
1, Prabhu Dayal Marg
Near Sanganer Airport, Jaipur-302029