

CIRCULAR

From: IIHMRU Academics
Sent: 08 November 2024 05:10 PM
To: MBAHM 28; MBAPM 15; MBADM 3
Cc: Himadri Sinha; Sanjay Gupta; Saurabh Kumar; IIHMR Registrar; Hitendra Singh Rathore
Subject: MBA 2nd Year: Value Added Courses (VAC) Selection and Schedule

Dear Students,

We are pleased to announce that Value Added Courses (VAC) for MBA second-year students will run from **December 7, 2024**.

Please find key details below:

Schedule and Credits

- **Class Dates:** First and third Saturdays — December 7, December 21, January 4, January 18, and February 1, 2025. (24-25)
- **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%

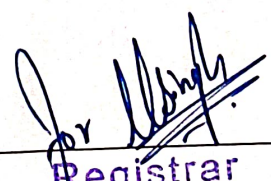
VAC Course Options

Sl. No.	Value Added Course	Faculty
1	Power BI for Public Health: Crafting Custom Dashboards and Real-Time Insights.	Dr. Vidya Bhusan Tripathy
2	Dynamic Dashboard and data visualization using Excel	Dr. Swapnil Gadhawe
3	Advanced statistics tools for data science	Mr. Ashish Bandhu
4	Blockchain Technology for Smart Contracts in Healthcare and Pharmaceutical Sector: Automation and Efficiency	Dr. Ashok Peepliwal
5	Decision Intelligence: using data science to make a better decision	Dr. Anupam Mehrotra

Important Notes

- **Selection Window:** Opens on **Monday, November 11, at 1 PM** and closes on **Thursday, November 14, 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


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Course Title	Course Code	Duration of Course	Academic Year
Blockchain Technology for Smart Contracts in Healthcare and Pharmaceutical Sector: Automation and Efficiency	VAC-035	35 Hours	2024-25



MBA Hospital and Health Management
MBA Pharmaceutical Management
MBA Development Management
2024-25

**Blockchain Technology for Smart Contracts in
Healthcare and Pharmaceutical Sector: Automation
and Efficiency.**
Course Plan

Course Coordinator & Instructor
Dr. Ashok Peepliwal



[Signature]

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VALUE ADDED COURSE (VAC)

Value-added courses are the courses designed to enhance the standard of the students beyond those levels specified in academic curriculum. VAC should be designed to enhance employability of the students in addition to the regular curriculum.

A student will be permitted to register only one Value Added Course in a Semester. The students may be allowed to take value added courses. The duration of value added course should not be less than 30 hours.

UGC Guidelines:

- VACs can be part of a credits-based curriculum or non-credited courses.
- VACs can be offered in partnership with industry.
- VACs can be conducted during the week, weekends, or vacation periods.
- Students can only register for one VAC per semester.
- The minimum number of students required for a course is 10.
- The course coordinator decides the maximum number of students based on infrastructure availability.
- Students from other departments can attend VACs if there are available slots.

VACs at IIHMR University

IIHMR offers a set of VACs in each term. The student can opt for one VAC per term. Each VAC is of 1.5 Credit and will be conducted for 30 hours duration excluding practical excersises and industrial exposure if any.

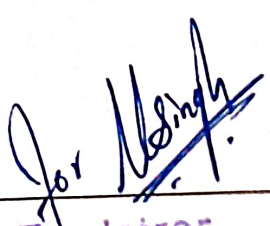
Students will be assessed in the following manner:

Sl. No.	Type	Percentage of Marks
1	Continuous assessment during the course	30%
2	Mid term Assessment/ Test	20%
3	End Term Examination	50%

There is no need to assign POs as VACs are offered across the school.
Cos can be articulated by the instructor.

Syllabus

- 1: Evolution of Blockchain, Its Ecosystem and Bitcoin
- 2: Adoption of Cryptocurrency in World: A challenge or A solution
- 3: Regulations of Blockchain Based Businesses
- 4: Blockchain Protocols and Smart Contracts
- 5: Distributed Ledger Technology Vs Blockchain
- 6: Consensus Algorithms and Blockchain
- 7: Cryptographic Hash Functions in Blockchain
- 8: Blockchain in Supply-chain of Healthcare (Medical Devices) and pharmaceutical products (Drugs, Vaccines, and Biologicals)
- 9: Electronic Medical Record (EMR) and Electronic Health Records (HER) on Blockchain Platform
- 10: Clinical Trial Management and Blockchain Models
- 11: Zero-Trust Architecture Security and Blockchain
- 12: Privacy, Transparency, and Immutability in Blockchain Systems
- 13: Health Insurance Challenges and its Solution through Blockchain

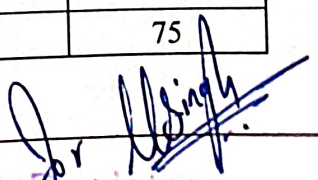

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14: Blockchain with Artificial Intelligence and Machine Learning**15: Current Use Cases of Blockchain****Session Timings:**

Day	Date	Session 1	Session 2	Lunch Break	Session 3	Session 4
Day 1	7 Dec 2024	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	21 Dec 2024	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	4 Jan 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	18 Jan 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	1 Feb 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

Enrollement No.	Name	Total Sessions Scheduled	Sessions Attended	Present Percentage
IIHMR-U/01/2023-25/1666	Agawane Vedashree Vinayak	20	15	75
IIHMR-U/01/2023-25/1776	Pankaj	20	16	80
IIHMR-U/01/2023-25/1802	Ronak Sharma	20	15	75
IIHMR-U/01/2023-25/1823	Shaleen Khare	20	15	75
IIHMR-U/01/2023-25/1867	Tanmay Mahurey	20	16	80
IIHMR-U/01/2023-25/1875	Tisha Tanwar	20	16	80
IIHMR-U/02/2023-25/0469	Abhishek Bari	20	15	75
IIHMR-U/02/2023-25/0472	Adarsh Kale	20	15	75
IIHMR-U/02/2023-25/0474	Akshat Geete	20	16	80
IIHMR-U/02/2023-25/0482	Anshul Ghodke	20	15	75
IIHMR-U/02/2023-25/0490	Binali Contractor	20	15	75
IIHMR-U/02/2023-25/0492	Chandrapal Singh Panwar	20	15	75
IIHMR-U/02/2023-25/0496	Dhruvika Sharma	20	16	80
IIHMR-U/02/2023-25/0498	Divyanshu Bhandari	20	15	75
IIHMR-U/02/2023-25/0509	Harshal Bagherwal	20	15	75


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IIHMR-U/02/2023-25/0512	Jadhav Shubham Bhausaheb	20	15	75
IIHMR-U/02/2023-25/0520	Khedkar Shrushti Shivrath	20	15	75
IIHMR-U/02/2023-25/0521	Konatham Gowtham Kumar	20	15	75
IIHMR-U/02/2023-25/0523	Madhekar Shrinivas Pandurang	20	15	75
IIHMR-U/02/2023-25/0527	Manvi Munshiram Rana	20	15	75
IIHMR-U/02/2023-25/0529	Mayank Srivastava	20	15	75
IIHMR-U/02/2023-25/0530	Mevin Mathew	20	15	75
IIHMR-U/02/2023-25/0538	Naveen Kumar	20	15	75
IIHMR-U/02/2023-25/0542	Pakhale Pooja Bhaskar	20	15	75
IIHMR-U/02/2023-25/0545	Prachi Pandey	20	16	80
IIHMR-U/02/2023-25/0546	Pramanick Priyanka Himanshu	20	15	75
IIHMR-U/02/2023-25/0550	Priya Nandi	20	15	75
IIHMR-U/02/2023-25/0552	Pushpraj Patel	20	16	80
IIHMR-U/02/2023-25/0553	Rajat Saini	20	15	75
IIHMR-U/02/2023-25/0554	Ramanuj Patidar	20	15	75
IIHMR-U/02/2023-25/0555	Rodge Nitin Madhav	20	15	75
IIHMR-U/02/2023-25/0562	Sakshi Arun Zod	20	16	80
IIHMR-U/02/2023-25/0568	Sankhe Samiksha Vivek	20	15	75
IIHMR-U/02/2023-25/0574	Shende Shantanu Sanjay	20	15	75
IIHMR-U/02/2023-25/0579	Soham Prakashbhai Mirani	20	15	75
IIHMR-U/02/2023-25/0583	Sumit Patel	20	16	80
IIHMR-U/02/2023-25/0585	Suvikram Tiwari	20	15	75
IIHMR-U/02/2023-25/0592	Vinayak Viswanath	20	15	75

[Signature]

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Certification of Completion

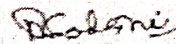
This certifies that

Abhishek Bari

Master of Business Administration (Pharmaceutical Management) 2023-25
has successfully completed Value Added Course (VAC) on
Blockchain Technology for Smart Contracts in Healthcare and Pharmaceutical
Sector: Automation and Efficiency
Conducted during **December 2024- February 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: February 7, 2025

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Certification of Completion

This certifies that

Pankaj

Master of Business Administration (Hospital and Health Management) 2023-25
has successfully completed Value Added Course (VAC) on
Blockchain Technology for Smart Contracts in Healthcare and Pharmaceutical
Sector: Automation and Efficiency
Conducted during **December 2024- February 2025**, accumulating a total of 35 hours
with **Grade B**

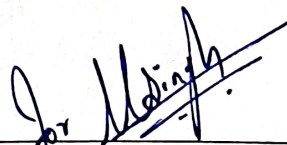

Dr. Himadri Sinha

Professor and Coordinator (VAC)


Dr. P.R. Sodani

President

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Certification of Completion

This certifies that

Agawane Vedashree Vinayak

Master of Business Administration (Hospital and Health Management) 2023-25
has successfully completed Value Added Course (VAC) on

**Blockchain Technology for Smart Contracts in Healthcare and Pharmaceutical
Sector: Automation and Efficiency**

**Conducted during December 2024- February 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: February 7, 2025

Certification of Completion

This certifies that

Dhruvika Sharma

**Master of Business Administration (Pharmaceutical Management)
2023-25**

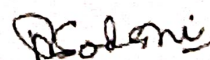
has successfully completed Value Added Course (VAC) on

**Blockchain Technology for Smart Contracts in Healthcare and Pharmaceutical
Sector: Automation and Efficiency**

**Conducted during December 2024- February 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: February 7, 2025



Certification of Completion

This certifies that

Sakshi Arun Zod

**Master of Business Administration (Pharmaceutical Management)
2023-25**

has successfully completed Value Added Course (VAC) on
**Blockchain Technology for Smart Contracts in Healthcare and Pharmaceutical
Sector: Automation and Efficiency**
Conducted during **December 2024- February 2025**, accumulating a total of 35 hours
with Grade A

Dr. Himadri Sinha
Professor and Coordinator (VAC)

Dr. P.R. Sodani
President

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