



ACTIVITY REPORT 2023-24

DEPARTMENT/ COMMITTEE NAME: MCA / ACSES Committee

IQAC ACTIVITY No:3

NAME OF THE ACTIVITY: Guest Lecture on DBMS			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
25-11-2023	Students	MCA / ACSES COMMITTEE	Prof. Harshil Kanakia
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
07:00 PM – 08:00 PM	Google Meet	54	Indoor
SUPPORT/ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO:)

TOPIC/SUBJECT OF THE ACTIVITY	Guest Lecture on DBMS
OBJECTIVES	Introduction to MongoDB: - Understanding MongoDB as a NoSQL database. - Overview of MongoDB's document-oriented data model. - Learning the basics of BSON (Binary JSON) and its advantages.
METHODOLOGY	A google meet was created and Ms. Jinal Mamania was invited to share their tutorial on Object-based Databases
OUTCOMES	- Enhanced understanding of NoSQL databases, particularly MongoDB. - Proficiency in integrating MongoDB with Node.js for robust backend development. - Improved skills in asynchronous programming and efficient database querying. - Practical knowledge of real-world applications and scenarios. - Strengthened foundation in modern web development technologies.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

	<p>Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology (Autonomous Institute Affiliated to University of Mumbai) Internal Quality Assurance Cell</p>
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NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)



REPORT ON

“ Guest lecture on DBMS”

**Under
ACSES Committee 2023-24**

MCA Department, Sardar Patel Institute of Technology

Notices and letters:



Subject: Invitation to Guest Lecture on "Understanding MongoDB with Node.js"

Dear Jinal Mamaniya,

We are delighted to invite you as the esteemed speaker for the Guest Lecture on "Understanding MongoDB with Node.js" organized by the Institution's Innovation Council (IIC) S.P.I.T. and ACSES. This insightful session is scheduled to take place online on November 25th, 2023.

As a Senior Software Engineer at LexisNexis, your expertise and hands-on experience in working with MongoDB and Node.js would be invaluable in guiding our students through the intricacies of this powerful technology stack. Your ability to simplify complex concepts and provide real-world examples is truly remarkable.

During this lecture, we envision our participants gaining a comprehensive understanding of MongoDB as a NoSQL database, its document-oriented data model, and the advantages of BSON (Binary JSON). Additionally, your insights into the integration of MongoDB with Node.js for server-side development, utilizing the official MongoDB driver, would be invaluable for our students.

We believe that your lecture will cover key concepts such as collections, documents, fields, and the schema-less design paradigm in MongoDB. Moreover, your expertise in querying, indexing, and asynchronous programming in the context of MongoDB and Node.js will be highly beneficial for our students.

Your lecture will also highlight the scalability, flexibility, and real-world applications of this technology stack, providing our students with a practical understanding of how MongoDB and Node.js excel in various scenarios.

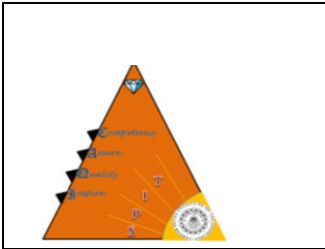
We would be honored to have you as our esteemed speaker for this guest lecture. Your acceptance would significantly contribute to the success of this event and positively impact the learning experience of our students.

Please confirm your availability and any specific requirements you may have. We eagerly await your positive response and look forward to welcoming you to this online session.

Best regards,
Ishani Mathur,
Head of Public Relations, ACSES.

Invite for Students:

<https://meet.google.com/mra-wrmw-nmc>

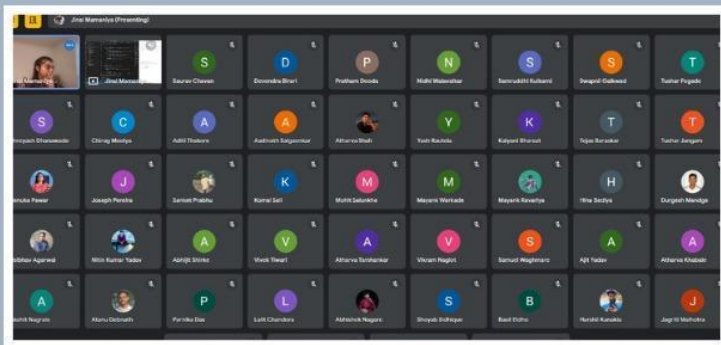
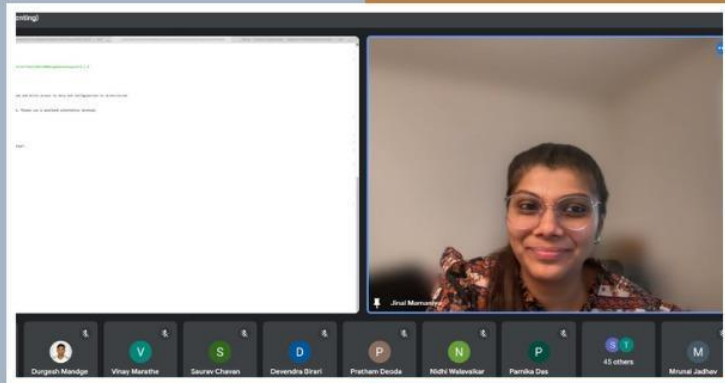
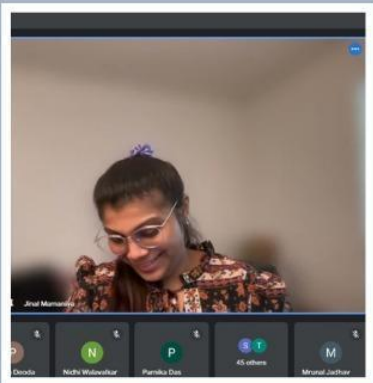


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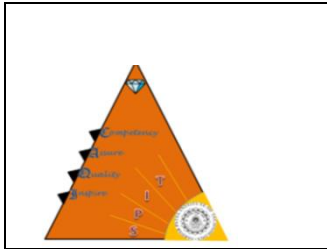


"EXPLORING SEAMLESS INTEGRATION OF MONGODB AND NODE.JS FOR SCALABLE AND EFFICIENT DATA-DRIVEN APPLICATIONS."

**25TH NOV
2023**



DEPT.CSE MCA



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List of people who participated

DBMS
 MongoDB
 Gnat Lecture

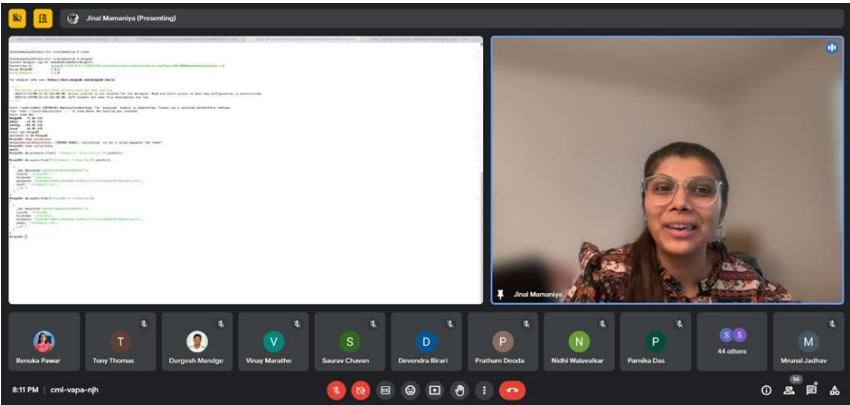
BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
 MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058
 Computer Science and Engineering - M.C.A. Department
 Academic Year: 2023-24

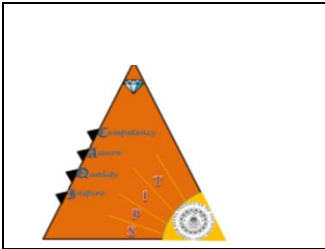
Class: F.Y.MCA / Sem: II		Month:	Sub:
Sr. No	Name of the Student	Date Time	
2023510001	AGARWAL VAIBHAV VIJAY	25/11	
2023510002	BARASKAR TEJAS SUDHAKAR		
2023510003	BEDIYA HINA DEEPAK		
2023510004	BHANUSE VEPUL SANJIV		
2023510005	BHARSAT KALYANI CHINTAMAN		
2023510006	BIRARI DEVENDRA GAJANAN		
2023510007	BOPATE SANIKA BALKRUSHNA		
2023510008	BORJI SNEHAL JAYPRAKASH		
2023510009	CHANDORA LALIT NAINARAM MANJU		
2023510010	CHAVAN UDAY MALKHAN		
2023510011	CHAVAN OMKAR SUBHASH		
2023510012	CHAVAN SAURAV UMESH		
2023510013	CHIDRAWAR VINAYAK VISHNU		
2023510014	DEBNATH ATANU		
2023510015	DEODA PRATHAM SUSHIL		
2023510016	DHANAWADE SHREYASH MADHUKAR		
2023510017	DHANE SHREYAS RAJARAM		
2023510018	DUTTA PRITISH GANESH		
2023510019	ELDHO BASIL		
2023510020	FEGADE TUSHAR SURESH		
2023510021	GAHALOT DEEPAK DILIP		
2023510022	GAIKWAD SWAPNIL VIDYASAGAR		
2023510023	GAWADE NIKETAN ANANT		
2023510024	GUPTA SWATI HARISHCHANDRA		
2023510025	GURAV KAPIL CHANDRASHEKHAR		
2023510026	HARNEKAR ANAND SHANKARRAO		
2023510027	JADHAV MRUNAL MANOJ		
2023510028	JANGAM TUSHAR MANOJ		
2023510029	KULKARNI SAMRUDDHI SUBHASH		
2023510030	MAGADE RUTIK NANDKUMAR		
2023510031	MALHOTRA JAGRITI		
2023510032	MANDGE DURGESH DILIP		
2023510033	MATHUR ISHANI		
2023510034	MESHARAM HARSH DHANRAJ		
2023510035	MISHRA DHARMESH SANJAYKUMAR		
2023510036	MOOLYA CHIRAG JAGANNATH		
2023510037	NAGARE ABHISHEK DINKAR		
2023510038	NAGLOT VIKRAM CHHOTIRAM		
2023510039	NAGRALE AKSHIT RAMESH		
2023510040	NAKASHE SHASHANK MILIND		
2023510041	PATIL JAYESH SURESH		
2023510042	PATIL ANIKET NAVNEET		



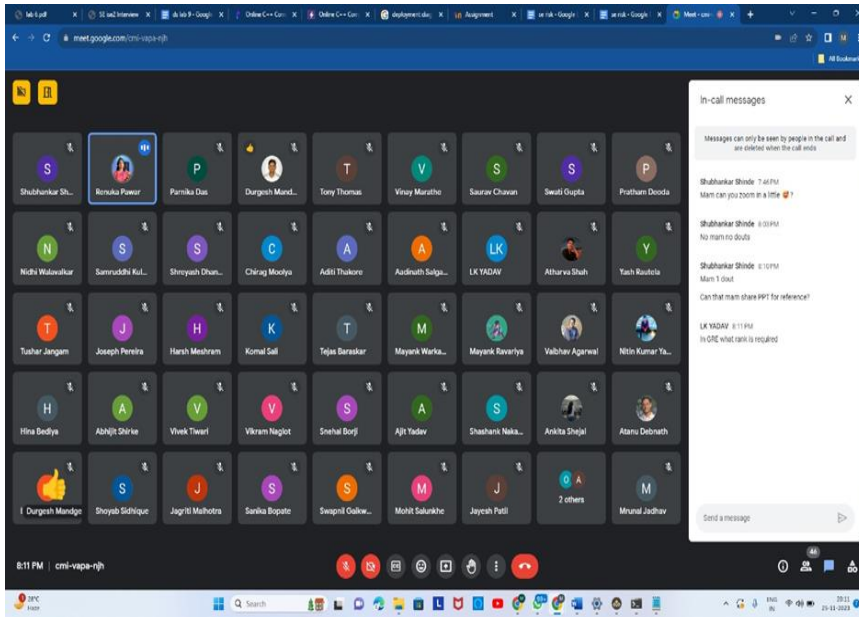
		Date	
		Time	
2023510043	PAREIRA JOSEPH		Receives
2023510044	PISE PRATHAM PANDURANG		
2023510045	POTE SHUBHAM RAJESH		Pratek
2023510046	PRABHU SANKET		Sanket
2023510047	RAUTELA YASH		Yash
2023510048	SALGAONKAR AADINATH VISHWAS		
2023510049	SALUNKHE MOHIT SANJAY		Mohit
2023510050	SATPUTE PRATHAM		
2023510051	SHAH ATHARVA ASHWIN		Ashw
2023510052	SHEJAL ANKITA DAJI		Ankita
2023510053	SHINDE SHUBHANKAR PRAVIN		Shubhan
2023510054	SHIRKE ABHIJIT NAMDEO		Abhi
2023510055	SIDHIQUE SHOYAB MOHD RAFIQ		Shoyab
2023510056	SINGLA RAHUL		Rahul
2023510057	THAKORE ADITI JITENDRA		Aditi
2023510058	THOMAS TONY		
2023510059	TIWARI VIVEK NAVALKISHOR RASMANI		Vivek
2023510060	TRIPATHI AYUSH AJAY		Ayush
2023510061	UMTOL TANMAY YOGESH		Tanmay
2023510062	VASANI HARSHIL PRAGNESH		Harshil
2023510063	WAGHMARE SAMUEL RAJNISH		
2023510064	WALAVALKAR NIDHI PRASHANT		
2023510065	WARE SHIVAJI DEEPAK		
2023510066	WAREKAR QAIS MOHAMMED HANEEF		Qais
2023510067	WARKADE MAYANK GANGADHAR		Mayank
2023510068	YADAV KUMAR NITIN		

Photos



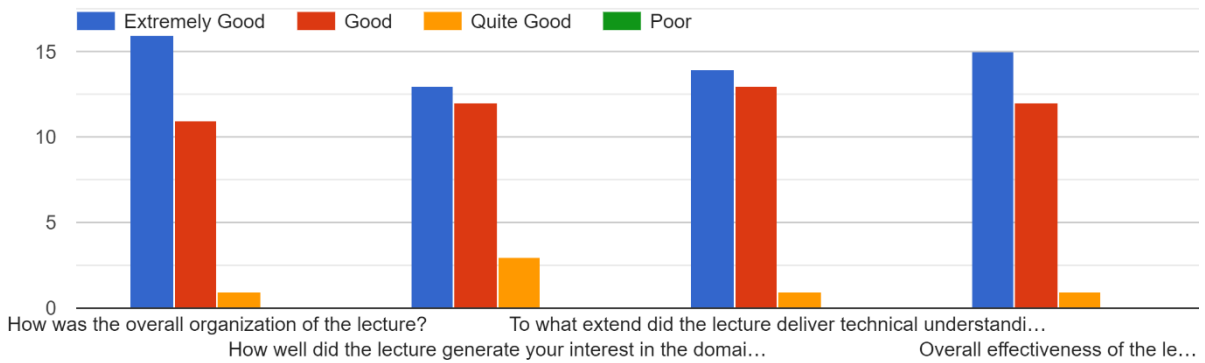


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Feedback:-

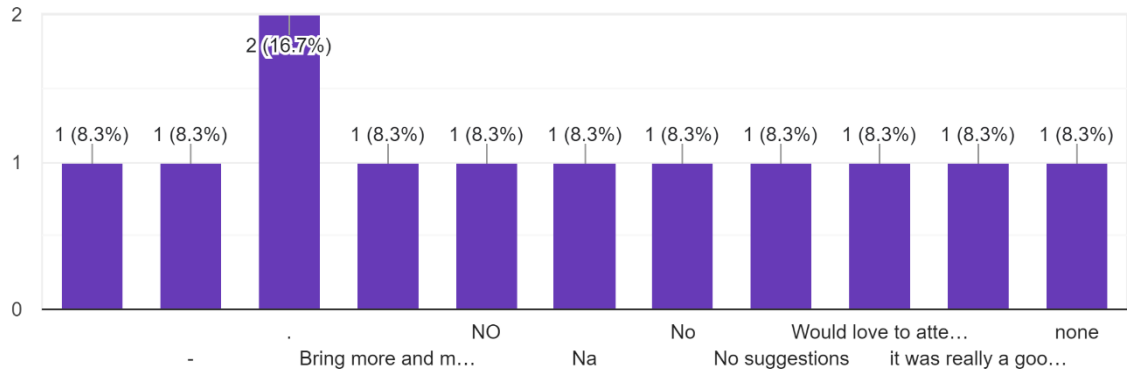
Particular





Additional comments and suggestions ,if any

12 responses



Program Outcomes:

- Enhanced understanding of NoSQL databases, particularly MongoDB.
- Proficiency in integrating MongoDB with Node.js for robust backend development.
- Improved skills in asynchronous programming and efficient database querying.
- Practical knowledge of real-world applications and scenarios.
- Strengthened foundation in modern web development technologies.

Activity Report

The event was a guest lecture on the integration of MongoDB with Node.js, conducted via Google Meet, featuring Ms. Jinal Mamaniya as the speaker. The lecture covered fundamental aspects of MongoDB as a NoSQL database and its document-oriented data model, emphasizing the advantages of BSON (Binary JSON). Node.js integration with MongoDB for server-side development was explored, focusing on the official MongoDB driver for Node.js. Attendees gained insights into key MongoDB concepts, including collections, documents, fields, and the schema-less design paradigm. Practical aspects of querying, indexing, and asynchronous programming in the context of MongoDB and Node.js were also covered. The lecture highlighted the scalability, flexibility, and real-world applications of this technology stack. Participants benefited from an enriched understanding of NoSQL databases, proficiency in MongoDB integration with Node.js, improved skills in asynchronous programming, and practical knowledge applicable to modern web development scenarios.



Certificate



Subject: Heartfelt Gratitude for Guest Lecture on "Understanding MongoDB with Node.js"

Dear Jinal Mamaniya,

On behalf of the Institution's Innovation Council (IIC) S.P.I.T. and ACSES, we extend our sincere gratitude for your invaluable contribution as the esteemed speaker at the Guest Lecture on "Understanding MongoDB with Node.js" held on November 25th, 2023.

Your exceptional expertise and hands-on experience working with MongoDB and Node.js created an immersive learning experience for our students. The way you explained MongoDB as a NoSQL database, its document-oriented data model, and the advantages of BSON (Binary JSON) provided a solid foundation for our participants.

Furthermore, your insights into the integration of MongoDB with Node.js for server-side development, utilizing the official MongoDB driver, were invaluable. Your comprehensive coverage of key concepts such as collections, documents, fields, and the schema-less design paradigm in MongoDB, along with practical aspects of querying, indexing, and asynchronous programming, truly resonated with our students.

The real-world examples and applications you shared, highlighting the scalability and flexibility of this technology stack, gave our students a practical understanding of how MongoDB and Node.js excel in various scenarios.

The positive feedback we have received from the attendees is a testament to the profound impact of your guidance. Many students have expressed their newfound confidence in working with MongoDB and Node.js, as well as their eagerness to continue exploring this powerful combination.

We are grateful for the time and dedication you invested in preparing and delivering this exceptional lecture. Your commitment to sharing knowledge and empowering the next generation of developers is truly commendable.

Once again, we extend our heartfelt appreciation for your contribution. We look forward to future collaborations and opportunities to continue nurturing the skills and knowledge required for modern web development within our academic community.

Best regards,
Ishani Mathur,
Head of Public Relations, ACSES.