

Expert Session Report on Emerging Technology

Topic: Emerging Technologies

1. Introduction

- **Date:** February 27, 2025
- **Time:** 11:00 AM - 1:00 PM
- **Venue:** Institute of Engg. Class room no.501 at 5th Floor.
- **Organizer:** MET's Institute of Engineering, Department of MCA
- **Speaker:** Mrs. Mrunal Dahale
- **Audience:** FYMCA students(57 students are present).

2. Objective of the Session

The primary objective of the session was to provide insights into how emerging technologies, such as Artificial Intelligence (AI), Blockchain and Quantum Computing, are transforming industries. The session aimed to explore advancements, challenges, and future trends in the era of Industry 4.0.

3. Overview of the Technologies Discussed

Mrs. Mrunal Dahale provided an in-depth analysis of various emerging technologies, including:

- **Artificial Intelligence (AI):** How AI and machine learning are optimizing business processes and enhancing decision-making.
- **Blockchain Technology:** The role of blockchain in data security, transparency, and decentralized transactions.
- **Quantum Computing:** Potential breakthroughs in computing power and cybersecurity through quantum technology.

4. Key Takeaways from the Session

- AI-driven automation is transforming industries by improving efficiency and innovation.
- Quantum computing, though in its early stages, has the potential to revolutionize encryption and complex problem-solving.

- Ethical concerns, cybersecurity challenges, and regulatory frameworks must evolve alongside technological advancements.

5. Interactive Discussion & Q&A

- **Question:** How can AI and blockchain be integrated for better security?
 - **Response:** AI can analyze blockchain data to detect fraud, while blockchain ensures secure AI decision-making logs.
- **Question:** What are the biggest barriers to adopting emerging technologies?
 - **Response:** High implementation costs, lack of skilled workforce, and regulatory uncertainties are major obstacles.
- **Question:** How will quantum computing impact cybersecurity?
 - **Response:** It will enhance encryption methods but also pose risks by breaking traditional cryptographic algorithms.

6. Conclusion & Closing Remarks


The session was highly engaging and provided students with a deep understanding of the impact of emerging technologies. Mrs. Mrunal Dahale emphasized the importance of continuous learning and adaptation in the rapidly evolving tech landscape. Students expressed a strong interest in further exploring practical applications through workshops and hands-on projects.

7. Feedback & Recommendations

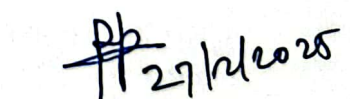
- **Positive Feedback:** Students appreciated the expert insights and real-world examples shared during the session.
- **Recommendations:** Future sessions could include live demonstrations, industry case studies, and hands-on workshops.

8. Attachments

- Event photographs


27/2/25
Prof.S.L.Vidhate

Session Coordinator


27/2/2025
Prof.P.D.Jadhav

HOD



MET BHUJBAL KNOWLEDGE CITY INSTITUTE OF ENGINEERING

Department of MCA

Attendance of Expert Session on Emerging Technology

Date: 27/02/2025

Roll No	Name of Student	Sign	Roll No	Name of Student	sign
1	Acharya Akshaya Suresh	<i>Acharya</i>	36	Mathure Sakshi Anil	<i>Mathure</i>
2	Aher Vaishnavi Dinkar	<i>Aher</i>	37	Mutha Neha Alpesh	<i>Mutha</i>
3	Attar Misbah Asif	<i>Attar</i>	38	Pagar Rohan Vishnu	<i>Pagar</i>
4	Aware Kaustubh Ramesh	<i>Aware</i>	39	Pansare Abhay Sunil	<i>Pansare</i>
5	Bankar Abhijeet Kundan	<i>Bankar</i>	40	Pathan Ayyan Aslamkhan	
6	Barve Tanvi Pramod	<i>Tanvi</i>	41	Patil Jayshree Dattu	<i>Patil</i>
7	Bhagwat Vaishnavi Navnath		42	Patil Ketakee Praddyumnsingh	<i>Patil</i>
8	Bhujbal Sarthak Manoj	<i>Bhujbal</i>	43	Patil Pradip Vilas	<i>Patil</i>
9	Bonde Sanjana Sunil	<i>Bonde</i>	44	Patil Sanjana Ramesh	<i>Patil</i>
10	Borade Pallavi Sunil		45	Patil Tanaya Rajendra	<i>Patil</i>
11	Chaudhari Priti Sanjay	<i>Chaudhari</i>	46	Pawar Harsh Ganesh	<i>Pawar</i>
12	Chawla Yashika Jayprakash	<i>Yashika</i>	47	Pawar Roshan Dnyaneshwar	<i>Pawar</i>
13	Deshmukh Charushila Sanjay	<i>Deshmukh</i>	48	Pawar Rushikesh Somnath	
14	Dhangar Sachin Anil		49	Pednekar Arya Amol	<i>Pednekar</i>
15	Dhikale Pooja Dattu	<i>Dhikale</i>	50	Prajapati Nikita Ishwar	<i>Prajapati</i>
16	Dhonagde Harshad Sunil		51	Rade Akanksha Vijay	<i>Rade</i>
17	Dive Aditya Arun		52	Ranshing Snehal Rajendra	<i>Ranshing</i>
18	Gore Aditya Sharad	<i>Gore</i>	53	Sable Kajal Rambhau	<i>Sable</i>
19	Gosavi Harshal Ramakant		54	Savdekar Yukta Rajendra	<i>Savdekar</i>
20	Howale Rahul Rajesh	<i>Howale</i>	55	Shaikh Rida Fatema Zafar	<i>Shaikh</i>
21	Ingle Kunal Madhukar		56	Shaikh Uzma Anis	<i>Shaikh</i>
22	Jadhav Durgesh Vasant	<i>Jadhav</i>	57	Shewale Shubham Prabhakar	<i>Shewale</i>
23	Jadhav Rutuja Sampat	<i>Jadhav</i>	58	Shinde Janhvi Vilas	<i>Shinde</i>
24	Joshi Shrihari Mangesh	<i>Joshi</i>	59	Shinde Kalyani Machindra	<i>Shinde</i>
25	Kale Shraddha Sandeep	<i>Kale</i>	60	Shinde Rishabh Kailas	<i>Shinde</i>
26	Kamble Mukesh Murlidhar		61	Shirsath Janhvi Yashwant	<i>Shirsath</i>
27	Kamwal Yash Kedarnath	<i>Kamwal</i>	62	Singh Nitesh Bijendra	<i>Singh</i>
28	Kanojiya Ganesh Indradev		63	Sonawane Amruta Dnyaneshwar	<i>Sonawane</i>
29	Kawale Aditi Manik	<i>Kawale</i>	64	Thakare Jayashri Mahesh	<i>Thakare</i>
30	Kedar Aniruddha Somnath	<i>Kedar</i>	65	Thete Pallavi Rajesh	<i>Thete</i>
31	Khandave Nutan Pralhad	<i>Khandave</i>	66	Uphade Yogita Somanath	<i>Uphade</i>
32	Khapare Mangesh Ashok	<i>Khapare</i>	67	Vaishnav Aachal Sunil	<i>Vaishnav</i>
33	Lute Abhishek Dnyaneshwar	<i>Lute</i>	68	Wagh Dipesh Vijay	<i>Wagh</i>
34	Mahajan Mayuri Ganesh	<i>Mahajan</i>	69	Zend Om Sandip	<i>Zend</i>
35	Mali Ankita Sukadeo	<i>Mali</i>			
	<i>Shewale</i>			<i>P. P. D. Jadhav</i>	
	Prof.S.L.Vidhate			Prof.P.D.Jadhav	
	Class Coordinator			HOD	