ATAL Sponsored Online FDP

On

"Data Analytics for Decision Making: Tools, Techniques, and Applications"

(3rd February – 8rd February, 2025)

Sponsored By:

AICTE TRAINING AND LEARNING (ATAL) ACADEMY

ATAL FDP-2025 REPORT

Organised By:

Department of Computer Science & Engineering (NBA Accredited)

Swami Keshvanand Institute of Technology, Management & Gramothan, Jagatpura, Jaipur-302017

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	Department of Computer Science & Engineering (NBA Accredited) AICTE Training and Learning (ATAL) Academy Sponsored One-Week Online Faculty Development Programme (FDP) on ***"Data Analytics for Decision Making: Tools, Techniques, and Applications"*** ***(3rd February – 8th February,2025)***	

Completion Report

AICTE Training and Learning (ATAL) Academy Sponsored One-Week Online Faculty Development Programme (FDP) on **" Data Analytics for Decision Making: Tools, Techniques, and Applications"** was successfully organized by Department of Computer Science & Engineering in the Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 3rd February, 2025 to 8th February 2025. The programme had the primary objective to provide the knowledge about Data Analytics tools for Decision Making and Applications to the faculty members of different organizations. Some other specific objectives which were targeted in this FDP are:

- ✔ Enhance Analytical Skills
- ✔ Introduce Key Tools & Techniques
- ✔ Develop Critical Thinking.
- ✔ Explore Real-World Applications.
- ✔ Encourage Research & Innovation.
- ✔ Facilitate Industry-Academia Collaboration.
- ✔ Improve Data Handling Proficiency.
- ✔ Introduce Machine Learning Concepts.
- ✔ Promote Ethical Data Use & Security.

Programme Highlights

- ✔ **Number of participants:** In all 298 participants attended the FDP Programme. There were participants from all different institutes from PAN India.

✔ **Resource Persons:** The various sessions of the faculty development programme were taken by various experts.

Sr. No.	Expert/ Resource Person	Designation/ Profile of Experts
1.	Dr. Manju Khari	Professor, Jawaharlal Nehru University, New Delhi
2.	Dr. Shruti Sharma	Researcher, AJOU University, South Korea
3.	Dr. Arijit Roy	Associate Professor, Indian Institute of Technology, Patna
4.	Dr. Asab Abbas	Technologico de Monterrey, Mexico
5.	Mr. Kalpit Singh	CEO, COGNOMEN
6.	Dr. C.P. Gupta	Professor, Rajasthan Technical University, Kota, Rajasthan
7.	Dr. Sheenu Jain	Associate Professor, The LNM Institute of Information Technology, Jaipur, Rajasthan
8.	Dr. Hari Prabhat Gupta	Assistant Professor, Indian Institute of Technology, BHU, Varanasi
9.	Dr. Smith Khare	Associate Professor, MMMI
10.	Mr. Biju Joseph	Assistant Director, EY
11.	Mr. Aryan Singh	Founder and CEO TensaX
12.	Mr. Vedant Ahluwalia	CEO, Dataviv Technologies
13.	Dr. C.P. Gupta	Professor, Rajasthan Technical University, Kota, Rajasthan

Prof. (Dr.) Mehul Maharshi
Programme Coordinator

Dr. Nilam Choudhary
Programme Co-Coordinator

Prof. (Dr.) Ramesh Kumar Pachar

Principal, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, Rajasthan India.

Outcome of FDP

The "FDP on Data Analytics for Decision Making: Tools, Techniques, and Applications" aims to empower participants with the essential knowledge and practical skills required to leverage data analytics in making informed and effective decisions. By exploring a range of tools such as Excel, Python, and R, along with techniques like statistical analysis, predictive modeling, and machine learning, participants gain a solid foundation in analyzing and interpreting data. The program also emphasizes the real-world applications of data analytics across various sectors, such as business, healthcare, and finance, providing attendees with hands-on experience in working with actual datasets. Ultimately, this FDP enhances participants' decision-making capabilities, allowing them to apply data-driven insights to solve problems, improve processes, and drive organizational success.

Prof. (Dr.) Manju Khari, Professor, School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi.

Dr. Manju Khari,
Professor, School of Computer & Systems Sciences,
Jawaharlal Nehru University (JNU), New Delhi
Email: manjukhari@jnu.ac.in

Dr. Manju Khari is a Professor in the School of Computer and Systems Sciences at Jawaharlal Nehru University in New Delhi, India. She contributed to information security, Software Security Testing, Computer Networks, the Internet of Things, Cyber Forensics, and Deep Learning. Before joining JNU, she worked with Netaji Subhas University of Technology, East Campus, under the auspices of the Government of NCT Delhi. Dr. Khari is a PhD holder in Computer Science and Engineering from the prestigious National Institute of Technology Patna. She also holds a master's in Information Security from Guru Gobind Singh Indraprastha University in Delhi, India. Her prolific research portfolio includes over 100+ published papers in premier refereed National and International Journals and Conferences, including highly regarded publishers such as IEEE, ACM, Springer, Inderscience, and Elsevier. Dr. Khari has also co-authored two books published by NCERT and co-edited 10 edited books, further solidifying her status as a leading scholar in her field. Dr. Khari is serving as a reviewer/technical program committee member for various international conferences. Dr. Khari's expertise is not limited to academia, as she is also a highly valued member and research consultant of several noteworthy projects in collaboration with prominent institutions such as AIMS, the Department of Biotechnology (DBT), DST, and the CSIR-NPL under the Ministry of Consumer and Legal Affairs in India.

Research Area: Software Testing, Software Security, Information Security, Artificial Intelligence.

Dr. Shruti Sharma, Sr. Researcher AJOU University South Korea.

Dr. Shruti Sharma,
Sr. Researcher AJOU University South Korea.
Email Id: shruti.sharma2283@gmail.com.

Dr. Shruti Sharma is a Senior Researcher at Ajou University in Suwon, South Korea. She earned her Ph.D. from Ajou University, focusing on multi-objective optimization and machine learning-based resource allocation for 5G massive MIMO systems. Her research interests include artificial intelligence, optimization techniques, and wireless communications. Dr. Sharma has contributed to projects integrating AI and optimization methods, aiming to enhance the efficiency of complex systems. She has published her work in various academic journals and conferences, reflecting her active engagement in advancing technology in her field.

Research Area: Artificial Intelligence, Optimization Techniques, Wireless Communications.

Dr. Arijit Roy, Assistant Professor , **Computer science and Engineering Group, Indian Institute of Technology Patna, Bihar**

Dr. Arijit Roy
Assistant Professor
Computer science and Engineering Group,
Indian Institute of Technology, Patna, Bihar, India - 801106.
Email: *arijitroy@iitp.ac.in*, *arijitroy.net@gmail.com*,

Currently, Dr. Arijit Roy working as an Assistant Professor at the Indian Institute of Technology Patna, (IITP). Prior to join IITP, he worked as an Assistant Professor at the Indian Institute of Information Technology Sri City. He was a Post-Doctoral Research Fellow in the Parallel Computing and Optimisation Group, the University of Luxembourg during 2021-2022. He completed his Ph.D. from the Indian Institute of Technology Kharagpur, in the Smart Wireless Applications and Networking Lab, Department of Computer Science and Engineering. My research area is Internet of Things (IoT) and Sensor-Cloud with Healthcare, Agriculture, Smart traffic, and UAV Networks applications. Prior to his Ph.D., he completed his MS (by Research) from Indian Institute of Technology Kharagpur, under the same supervisor. He completed his B. Tech in Information Technology from West Bengal University of Technology (WBUT). After completion of my B. Tech, he worked as a "Network Engineer" in IntecInfonet, New Delhi. He is also co-founder and director of SensorDrops Networks Pvt. Ltd.

Research Interests: Internet of Things (IoT) and Sensor-Cloud with Healthcare, Agriculture, Smart traffic, and UAV Networks applications.

Dr. Asad Abbas, Tecnologico de Monterrey, Mexico Tecnologico de Monterrey, Mexico.

Dr. Asad Abbas,
Tecnologico de Monterrey, Mexico
E-Mail: asad.abbas@tec.mx

Dr. Asad Abbas is a Research Professor at the Writing Lab, Institute for the Future of Education, Tecnológico de Monterrey, Mexico. He earned his Ph.D. in Management Science from the University of Science and Technology of China, Hefei, where he was awarded the CAS-TWAS President's Fellowship. He also holds a master's degree in Informatics from Örebro University, Sweden. Throughout his academic journey, Dr. Abbas has received various scholarships and grants, including a travel grant from the Swedish Program for ICT in Developing Countries (SPIDER), SIDA, Sweden.

Area of Interest: Innovation and Technology Management, Knowledge Management, Information Systems, Soft Skills Development.

Mr. Kalpit Singh, CEO, COGNOMEN

Mr. Kalpit Singh,
CEO, COGNOMEN

Kalpit Singh is a distinguished AI engineer and entrepreneur, currently serving as the Vice President of Engineering and AI at GoSelfServe. He is also the co-founder and CEO of Cognomen, an AI platform specializing in facial recognition solutions.

Throughout his career, Kalpit has held significant positions, including Vice President of AI at Flam. His expertise spans artificial intelligence, blockchain, and engineering, and he is recognized as a mentor in these fields. His innovative contributions have earned him a place in the "40 under 40 Power List" in Rajasthan, India.

Kalpit's academic background includes studies at BITS Pilani and Rajasthan Technical University Kota. He has also been involved with esteemed institutions such as the Department of Engineering at the University of Cambridge and has professional experience with companies like Microsoft and CGI.

	Area of Interest: Blockchain Technology, Artificial Intelligence & Machine Learning, Computer Vision, Augmented Reality & Virtual Reality, Engineering & Software Development .

Dr. C.P. Gupta, Professor RTU

Dr. C.P. Gupta,
Professor RTU
E-Mail: guptacp2@rediffmail.com

Dr. C.P. Gupta is a Professor in the Department of Computer Science and Engineering at Rajasthan Technical University (RTU), Kota, India. He holds an M.Tech. and a Ph.D. in his field. His research interests include Computer Networks, Information Security, and Wireless Sensor Networks.
rtu.ac.in
Dr. Gupta has contributed to various publications, including:

- "Wireless Sensor Networks: A Review" in the *International Journal of Sensors Wireless Communications and Control*.
- "Making Data in Cloud Secure and Usable: Fully Homomorphic Encryption with Symmetric Keys" in the *International Journal of Communication Networks and Distributed Systems*

Area of Interest: Machine Learning, Computer Vision, Biomedical Imaging, Image Processing, Pattern recognition.

Dr. Sheenu Jain, Associate Professor, LNMIIT

Dr. Sheenu Jain,
Associate Professor, LNMIIT
Email: sheenu.jain@lnmiit.ac.in.

Dr. Sheenu Jain is an Associate Professor at The LNM Institute of Information Technology (LNMIIT) in Jaipur, India. Her academic interests include entrepreneurship, green marketing, and design thinking.

In addition to her role at LNMIIT, Dr. Jain has served as the Chair of Marketing and Communication at IIHMR University in Jaipur.

	Dr. Jain has also been involved in initiatives such as the Innovation, Design, and Entrepreneurship (IDE) Bootcamp, where she conducted sessions on fostering innovation through design thinking. **Research Area:** Entrepreneurship & Startups, Green Marketing Innovation & Business Strategy.

Dr. Hari Prabhat Gupta, Associate Professor, IIT BHU.

	Dr. Hari Prabhat Gupta, Associate Professor, IIT BHU **Email:** hariprabhat.cse@iitbhu.ac.in Dr. Hari Prabhat Gupta is an Associate Professor in the Department of Computer Science and Engineering at the Indian Institute of Technology (BHU) Varanasi, India. He earned his M.Tech. and Ph.D. degrees in Computer Science and Engineering from IIT Guwahati, and a B.E. in Computer Engineering from Government Engineering College Ajmer. Before joining IIT (BHU), he served as a Technical Lead at Samsung R&D Institute in Bangalore. His research interests include Internet of Things (IoT), Ubiquitous Computing, Wireless Sensor Networks, and Human-Computer Interaction **Research Interests:** Computer Network, Smart Sensing, Internet of Things (IoT), Wireless Communication.

Dr. Smith Khare, Assistant Professor, MMMI, Denmark

	Dr. Smith Khare**,** Assistant Professor, MMMI, Denmark **E-Mail:** smkh@mmmi.sdu.dk. Dr. Khare earned his Ph.D. in Electronics and Communication Engineering from the Indian Institute of Information Technology Design and Manufacturing, Jabalpur, India. Before joining SDU, he served as a Postdoctoral Fellow at Aarhus University's Department of Electrical and Computer Engineering. His research interests encompass artificial intelligence, machine learning algorithms, biomedical signal processing, and deep learning

	Area of Interest: Artificial Intelligence & Machine Learning, Biomedical Signal Processing, Deep Learning, Healthcare Analytic .

Mr. Biju Joseph, Assistant Director, EY

	Mr. Biju Joseph, Assistant Director, EY Mr. Biju Joseph serves as an Assistant Director at Ernst & Young (EY) Professionals in such roles typically focus on areas like financial consulting, risk management, and business strategy. **Research Area:** financial consulting, risk management, and business strategy

Mr. Aryan Singh, Founder and CEO TensaX.

	Mr. Aryan Singh**,** Founder and CEO TensaX **E-Mail:** aryan@tensax.com Mr. Aryan Singh is the Founder and Chief Executive Officer of TensaX Innovations Pvt. Ltd., established in late 2017. The company specializes in artificial intelligence, product development, and consultancy services. Under his leadership, TensaX has delivered numerous projects globally and has been instrumental in training teams on product development frameworks. Aryan has shared his insights at various technology and career development events, including over 40 addresses, sessions, and speeches. . **Area of Interest:** Artificial Intelligence & Emerging Technologies, Product Development, Consultancy, Education & Training.

Mr. Vedant Ahluwalia, CEO, Dataviv Tchnologies

Mr. Vedant Ahluwalia,
CEO, Dataviv Tchnologies
E-Mail: vedant.ahluwalia@dataviv.in

Mr. Vedant Ahluwalia is the Founder and Chief Executive Officer of Dataviv Technologies, a company specializing in artificial intelligence solutions. He holds a Master's degree in Artificial Intelligence from Stanford University and has collaborated with leading figures in AI research. His professional journey includes contributions to the White House, developing AI trading algorithms for Tudor Investment Corporation, and creating technologies for startups that have achieved unicorn status. **Area of Interest:** artificial intelligence, technology innovation, and entrepreneurship..

SCHEDULE OF FDP

ATAL FDP (Online) on
"Data Analytics for Decision Making: Tools, Techniques, and Applications"
(6:00 pm –9:30 pm)
(3rd-8th February, 2025)

Online Schedule

Day 1 03.02.2025 (Wednesday)	Day 2 04.02.2025 (Thursday)	Day 3 05.02.2025 (Friday)	Day 4 06.02.2025 (Saturday)	Day 5 07.02.2025 (Monday)	Day 6 08.02.2025 (Tuesday)
6:00pm – 6:30pm **Inauguration**					
6:30pm – 8:00pm **Session 1:** **Deep learning techniques and advanced trends** **Dr.Manju Khari**	6:00pm – 7:30pm **Session 3:** **UAV Virtualization for IoT** **Mr. Arijit Roy**	6:00pm – 7:30pm **Session 5:** **Generative AI** **Mr. Kalpit Singh**	6:00pm-7:30pm **Session 7:** **Data-Driven Decision Making by Startups** **Dr. Sheenu Jain**	6:00pm – 7:30pm **Session 9:** **Role on Explainable AI in Decision-making** **Dr. Smith Khare**	2:00pm – 3:30pm **Session 11:** **Applied AI-Exploring industry case study, Cognitive Programming Development framework &tools** **Mr. Aryan Singh**
8:00pm – 9:30pm **Session 2:** **Revolutionizing Industries :Data Analytics in Shaping Telecom, Healthcare, & Energy Sector** **Dr. Shruti Sharma**	7:30pm – 9:00pm **Session 4:** **Statistical analysis using jamovi** **Dr. Asad Abbas**	7:30pm – 9:00pm **Session 6:** **Data analytics fundamentals** **Dr. C.P. Gupta**	7:30pm – 9:00pm **Session 8:** **Insight from Deploying & measuring LoRa Technology in Smart Campus Enviroments** **Dr.Hari Prabhat Gupta**	7:30pm – 9:00pm **Session 10:** **Data Analytics:Industrial DataOps Platform(oil and gas sector)** **Biju Joseph**	3:30pm – 5:00pm **Session 12:** **Future of decision making through analysing data with Advanced Artificial Intelligence** **Vedant Ahuwalia**
					5:00pm –6:30pm **Session 13:** **Feature Engineering** **Dr. C.P. Gupta**
					6:30pm –7:30pm **Online test & feedback**
					7:30pm –8:00pm **Valedictory Session**

AICTE Training and Learning (ATAL) Academy Online
Faculty Development Program
On
"Data Analytics for Decision Making: Tools, Techniques, and Applications"
(3rd-8th February, 2025)

Organized by: Department of Computer Science & Engineering,
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

PARTICIPANTS DETAIL

S. No.	Name	Institute Name
1	Mr. Rajesh Rajaan	Swami Keshvanand Institute Of Technology, Management And Gramothan, Jaipur
2	Mr. Pawan Kumar Patidar	Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur
3	Mrs. Saroj Agrawal	Skit. Jaipur
4	Mr. Naveen Jain	Skit
5	Mrs. Suniti Chouhan	Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur
6	Dr. Arpita Sharma	Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur
7	Mrs. Nidhi Srivastav	Skit Jaipur
8	Mrs. Mani Butwall	Swami Keshavanand Institute Of Technology And Management Gramothan Jaipur
9	Mr. Amar Ranjan Dash	Parala Maharaja Engineering College
10	Mrs. Surbhi Sharma	Swami Keshvanand Institute Of Technology& Gramothan
11	Dr. Jyoti Arora	Swami Keshvanand Institute Of Technology, Management & Gramothan
12	Dr. Kajal Mathur	Swami Keshvanand Institute Of Technology, Management & Gramothan
13	Mrs. Apoorva Joshi	Git, Jaipur
14	Dr. Loveleen Kumar	Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur
15	Miss Saranyavaishalini Vg	P.S.R.Engineering College
16	Miss Kiran Ahuja	Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur
17	Dr. Amit Dadheech	Swami Keshvanand Institute Of Technology, Management And Gramothan Jaipur

18	Mrs. Sanju Choudhary	Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur, Rajasthan
19	Mrs. Mamta Sakpal	Swami Keshvanand Insitute Of Technology
20	Miss Shivangi Dheer	Jecrc University
21	Dr. S.Saranya	Alagappa Institute Of Management, Alagappa University.
22	Mr. Manoj Raman	Swami Keshvanand Institute Of Technology Management & Gramothan
23	Dr. Jyoti Singh	Arya College Of Engineering & I.T.
24	Mr. Rakesh Ranjan	Arya College Of Engineering & It
25	Dr. Purnima Sinha	L N Mishra College Of Business Management
26	Mr. Hemant Mittal	Global Institute Of Technology Jaipur
27	Miss S M Madhumathi	P S R Engineering College
28	Mr. Vipin Kumar Gupta	Suresh Gyan Vihar University Jaipur
29	Mr. Ashish Pant	Swami Keshvanand Insititute Of Technology, Management & Gramothan, Jaipur
30	Miss Priti Ramesh Sharma	Ssbt Coet
31	Mrs. Archana Dubey	Global Institute Of Technology
32	Mrs. Barkha Jain	Swami Keshvanand Institute Of Technology Management And Gramothan, Jaipur
33	Dr. Chhavi Saxena	Arya College Of Engineering And It
34	Mrs. Alka Rani	Poornima Institute Of Engineering & Technology
35	Mr. Abhishek Parashar	Poornima College Of Engineering
36	Mrs. Sakthilakshmipriya C	P.S.R Engineering College
37	Dr. Monika Lamba	The Northcap University
38	Dr. Suresh Talamala	Andhra Loyola College, Vijayawada
39	Miss Sonika Parashar	Poornima University
40	Mr. Jagdeep Sharma	Chandigarh Group Of Colleges Jhanjeri Mohali
41	Dr. Vaibhav Kaushik	Ibs- Icfai University
42	Dr. Meenakshi Nawal	Swami Keshvanand Institute Of Technology, Management & Gramothan (Skit Jaipur)
43	Dr. Aakriti Sharma	Swami Keshvanand Institute Of Technology, Management And Gramothan
44	Dr. Niketa Sharma	Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur
45	Mrs. Anjali Pandey	Swami Keshvanand Institute Of Technology, Management And Gramothan, Jaipur

46	Mr. Rajesh Kumar	Swami Keshvanand Institute Of Technology, Management & Gramothan
47	Dr. Manju Kaushik	Amity University Rajasthan
48	Mr. Sunil Dhankhar	Swami Keshvanand Institute Of Technology Management And Gramothan
49	Dr. Jaspreet Kaur	Chandigarh University
50	Dr. Suman Sharma	Skit M&G Jaipur
51	Dr. Priyanka Mishra	Citm, Jaipur
52	Mr. Syed Faizan Parvaiz	Serve Council
53	Mr. Amit Kumar	Chandigarh University, Gharuan
54	Dr. Sanjeev Kumar	Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur
55	Mrs. Palika Jajoo	Swami Keshvanand Institute Of Technology,Management & Gramothan,Jaipur
56	Mrs. Shabanam Bano	S.S. Jain Subodh P.G. College
57	Dr. Anjana Sangwan	Skit,Jaipur
58	Mr. Vikram Khandelwal	Skit, M&G Jaipur
59	Dr. Deepak Kumar	Swami Keshvanand Institute Of Technology M & G Jaipur
60	Mr. Madhurendra Kumar	Citm, Jaipur
61	Miss Monika Kapoor	Lnct Bhopal
62	Dr. Govind Prasad Pandiya	Lnct Bhopal
63	Mr. Kishore Mishra	Citm Jaipur
64	Miss Ms. Nidhi Gour	Jecrc University
65	Miss Nikhar Bhatnagar	Skit
66	Dr. Sunita Gupta	Skit
67	Dr. Sanjay Kumar Sinha	Poornima Institute Of Engineering & Technology,Jaipur
68	Mr. Arun Kumar Patel	Lnct
69	Dr. Vandana Vijay	S S Jain Subodh Pg College Jaipur
70	Mr. Naresh Mathur	Government Engineering College Ajmer
71	Mrs. Swati Sharma	Krishna Institute Of Engineering And Technology
72	Mrs. Rashmi Ravi Shende	Suryodaya College Of Engineering And Technology Nagpur
73	Dr. Sharda Kumari	Lalit Narayan Mishra College Of Business Management
74	Dr. Kuldeep Singh Rathore	University Institute Of Engineering, Chandigarh University, Chandigarh Ut

75	Mrs. Priyanka Sharma	Poornima Institute Of Engineering And Technology Jaipur
76	Dr. Shubham Negi	Chandigarh University
77	Mr. Hemant Pareek	Sobhasaria Group Of Institute, Sikar
78	Miss Priya Gupta	Swami Keshvanand Institute Of Technology, Managment & Gramothan
79	Dr. Keshav Dev Gupta	Poornima College Of Engineering Jaipur
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81	Mr. Pradeep Kumar	Poornima College Of Engineering Jaipur
82	Mrs. Somya Agrawal	Jaipur Institute Of Technology-Group Of Institutions
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85	Miss Garima Garg	Swami Keshwanand Institute Of Technology, Management And Gramothan
86	Miss Kashifa Khan	Swami Keshavanand Institute Of Technology, Management & Gramothan, Jaipur
87	Dr. Sonam Khattar	Chandigarh University
88	Mr. Tushar	Chandigarh University
89	Dr. Swati Namdev	Oist
90	Mrs. Shikha Gautam	Poornima Institute Of Engineering & Technology
91	Mr. Mohnish Vidyarthi	Vivekanand Global University
92	Mr. Alock Gupta	Vaish College Of Engineering
93	Dr. Manoj Gattani	Iget Labs
94	Dr. Neha Mehra	Rajasthan Institute Of Engineering & Technology, Jaipur
95	Dr. Sharanya	Stella Maris College
96	Mr. Sumit Kumar	Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur
97	Mr. Manish Bhardwaj	Swami Keshvanand Institute Of Technology, Management & Gramothan
98	Mrs. Rupali Prashant Purkar	Pune Vidyarthi Griha's College Of Engineering & S.S. Dhamankar Institute Of Management, Nashik
99	Dr. Manish Shrivastava	Vivekananda Global University
100	Dr. Swati Joshi	Skit, Jaipur
101	Dr. Poonam Ojha	Swami Keshvanand Institute Of Technology Management And Gramothan Jaipur Rajasthan India
102	Dr. Urvashi Garg	Chandigarh University

103	Dr. Abhishek Sharma	Poornima College Of Engineering, Jaipur
104	Miss Ayesha Anjum	Hkbk
105	Dr. Poonam Rajharia	Jecrc University
106	Dr. Sibi M S	Sri Krishna College Of Technology
107	Miss Pooja Giridhar Pimpalshende	Suryodaya College Of Engineering And Technology
108	Miss Veena Kewalram Katankar	Suryodaya College Of Engineering & Technology, Nagpur
109	Mr. Abhijeet Parashar	Poornima University
110	Mr. Prashant Kumar	Anand International College Of Engineering
111	Dr. Bhavana Mathur	Anand International College Of Engineering
112	Miss Dolly Mittal	Swami Keshvanand Institute Of Technology, Management & Gramothan
113	Mrs. Shefali Parihar	Indus University
114	Dr. Alka Shrivastava	Banasthali Vidyapith
115	Dr. Hemamalini B H	Bms Institute Of Technology And Management
116	Dr. Vipin Kumar	Lalit Narayan Mishra College Of Business Management
117	Mr. Shirish Nagar	Swami Keshvanand Institute Of Technology Management And Gramothan Jaipur
118	Mrs. Anumol C S	Jyothi Engineering College, Cheruthuruthy
119	Mrs. Shilpa Kalra	Pce
120	Dr. Geetika Mathur	Poornima College Of Engineering
121	Mrs. Geeta Tiwari	Poornima College Of Engineering
122	Mrs. Ramandeep Kaur	Chandigarh University
123	Mrs. Smita Kishor Thakare	Pvgcoe & Ssdiom Nashik
124	Dr. Rakesh Rathi	Govt. Engineering College, Ajmer
125	Miss Monika Tiwari	Indus University
126	Dr. Prashant Sharma	Vivekananda Global University, Jaipur, Rajasthan
127	Mr. Amit Kumar	Poornima College Of Engineering
128	Dr. Saumiya	Chennai Institute Of Technology
129	Mrs. Rupinder Saini	Guru Nanak Institute
130	Dr. Swapnalitambejagtap	K.K.Wagh Institute Of Engineering Education And Research.
131	Mrs. Rupali	K. K. Wagh Institute Of Engineering Education & Research
132	Mr. Balwant Singh Raghuwanshi	Technocrats Institute Of Technology

133	Mr. Bharath Kumar Paleti	Tamil Nadu Agricultural University
134	Miss Rajneet Kaur	Chandigarh University
135	Miss Shikha Kamal	Chandigarh University
136	Mrs. Jasmeet Kaur	Chandigarh University
137	Miss Kanwaldeep Kaur	Chandigarh University
138	Dr. Giridhari Tiwari	Gh Raisoni College Of Engineering And Management Jalgaon
139	Mrs. Rajani Misra	Chandigarh University
140	Miss Rakshita	Graphic Era Deemed University
141	Mr. Gaurav Ramola	Graphic Era University
142	Mr. Mahender Kumar Beniwal	Swami Kesvanand Institute Of Technology, Management And Gramothan
143	Mrs. Archika Jain	Swami Keshvanand Institute Of Technology, Management & Gramothan
144	Mrs. Ritu Shukla	Swami Keshvanand Institute Of Technology, Management & Gramothan
145	Dr. Vivek Arya	Chandigarh University Mohali, Punjab
146	Mrs. Rashmi	Chandigarh University
147	Miss Rohini Bawa	Chandigarh University
148	Dr. Anil Kumar	Poornima Institute Of Engineering & Technology
149	Mrs. Vidhya G	J.J.College Of Engineering And Technology
150	Dr. Sudhir Ranjan Pattanaik	Nist Berhampur
151	Mrs. Jayanthi N	J.J College Of Engineering And Technology
152	Miss Kritika Pal Saini	Anand International College Of Engineering
153	Mrs. Rajeswari S	Jj College Of Engineering And Technology
154	Miss Akanksha Chaturvedi	Anand Ice
155	Dr. Nanthagobal Kasthuri Rajagopal	Jaipur National University
156	Dr. Anuj Kumar Jhankal	Army Cadet College, Indian Military Academy, Dehradun
157	Mrs. Ruchi Patira	World College Of Technology And Management, Gurgaon
158	Miss Rucha Ravindra Galgali	Shreeyash College Of Engineering & Technology
159	Mr. Ayush Rana	Graphic Era (Deemed To Be) University
160	Mrs. Kavita D.Hanabaratti	Gogte Institute Of Technology,Belagavi
161	Mrs. Pallavi Sharad Raut	Govindrao Wanjari College Of Engineering And Technology

162	Miss Megha Garg	Jecrc University
163	Mrs. Ruchi Sharma	B K Birla Institute Of Engineering & Technology(Bkbiet)-Pilani
164	Dr. Rajib Sarkar	Adamas University
165	Mrs. Divya S	Ganadipathy Tulsi's Jain Engineering College
166	Mrs. Manjula Nistala	Ncrd's Sterling Institute Of Management Studies
167	Mr. Jagendra Singh Chaudhary	Skit
168	Mr. Sanjog Arora	Anand International College Of Engineering
169	Mr. Vivek Kumar	Arya College Of Engineering And It
170	Mr. Om Kumar	Jinvani Management College
171	Dr. Kavitha P	P.S.R Engineering College
172	Mrs. Mayuri Kundu	Reva University
173	Mr. Rohit Singh Rajput	Poornima College Of Engineering
174	Dr. Ramathilagam A	P.S.R.Engineering College
175	Mrs. Sapana Amol Kolambe	Mit Academy Of Engineering, Alandi, Pune
176	Dr. Jithina Jose	Mit Academy Of Engineering, Alandi, Pune
177	Dr. Sharda Chhabria	G H Raisoni College Of Engineering & Management
178	Mrs. Asha R	Sri Shanmugha College Of Engineering And Technology
179	Mr. Sachin Jain	Poornima College Of Engineering
180	Mrs. Madhumita Mishra	Reva University
181	Mrs. Jaya Shashikant Mane	Mit Academy Of Engineering, Alandi Pune
182	Dr. Jayalakshmi M	Kalasalingam Academy Of Research And Education
183	Mr. Mohammad Mudassar Khan	Mahakal Institute Of Technology Ujjain
184	Miss Shital Babarao Zalke	Govindrao Wanjari Collage Of Engineering And Technology,Nagpur
185	Dr. Mangayarkarasi	Vistas
186	Dr. Sudhakar K	Nitte Meenakshi Institute Of Technology, Bengaluru.
187	Dr. Guruviswanathan	Dwaraka Doss Goverdhan Doss Vaishnav College
188	Mrs. Rekha Dhivrani	Piet
189	Mrs. Surbhi Sharma	Manipal University Jaipur
190	Miss Reena Sharma	Rajasthan Institute Of Engineering And Technology Jaipur

191	Mr. Anil Dhankhar	Rajasthan Institute Of Engineering & Technology
192	Mr. Gopal Khorwal	Rajasthan Institute Of Engineering And Tefchnology
193	Dr. Ashwini Nivasrao Mandale	Rajarambapu Institute Of Technology,Rajaramnagar
194	Mr. Naveenkumar E	Sri Shanmugha College Of Engineering And Technology
195	Mr. Jagadheesh S	Hindustan Institute Of Technology And Science
196	Mrs. P Aparna	Anurag University
197	Mr. Mohit Kumar Aruk	Gkcet, Jeypore
198	Dr. Hajira Be A B	Karpaga Vinayaga College Of Engineering And Technology
199	Mrs. Archana Devi S	Kamaraj College Of Engineering And Technology
200	Miss Arohi Patel	Drs. Kiran And Pallavi Patel Global University
201	Mrs. Indumathi Nagarajan	Ifet College Of Engineering
202	Dr. Sompal Singh	College Of Mlt, Ggs Ip University
203	Miss Gaikwad Akshada Ratan	K.K.Wagh Acs And Cs College, Chandori
204	Mrs. N Suneetha	Wellfare Institute Of Science,Technology And Management,Visakhapatnam
205	Miss Surekha Annappa Khot	A.C.Patil College Of Engineering Kharghar Navi Mumbai
206	Mr. Anand Geet	Poornima College Of Engineering, Jaipur
207	Mrs. Mmaria Sampoornam	J.J College Of Engineering And Technology
208	Miss Vijayalaxmi Tadkal	Bharat College Of Engineering ,Badlapur
209	Dr. Dr. Hemant Kumar Sharma	Jaipur National University, Jaipur
210	Mrs. Shraddha Jagdish Pawar	Met Bhujbal Knowledge City, Institute Of Engineering, Nashik
211	Mr. Harwinder Singh Sohal	Lovely Professional University
212	Mr. Kalidas S Bhawale	Chhatrapati Shivaji Maharaj Institute Of Technology
213	Dr. Renuka Sharma	Chitkara Business School, Chitkara University, Punjab, India
214	Mr. Vivek Sharma	Gian Jyoti Institute Of Management And Technology

215	Miss Isha Sanjay Suri	St. Vincent Pallotti College Of Engineering And Technology
216	Mr. Alok Mathur	Centre For Electronic Governance, Department Of Technical Education, Gor, Jaipur
217	Mrs. Jjayasathya	Jj College Of Engg And Technology
218	Mrs. M.Mohana	Kamaraj College Of Engineering And Technology
219	Mrs. Neelam	Sinhgad Academy Of Engineering
220	Mr. Nagnath Basanna Aherwadi	Nk Orchid College Of Engg. And Tech., Solapur
221	Mr. Kamlesh Padaliya	Graphic Era Hill University Haldwani Campus
222	Miss Shweta Sharma	Anand International College Of Engineering Jaipur
223	Mrs. Kalyani Dnyaneshwar Dahikar	Prof Ram Meghe College Of Engineering And Management Badnera
224	Mr. Anup Rajbahadur Maurya	Chhatrapati Shivaji Maharaj Institute Of Technology
225	Dr. Ramya P	Sardar Vallabhbhai Patel International School Of Textiles And Management, Coimbatore
226	Dr. Hrishikesh Vanjari	Apcoer,Pune
227	Mr. Bhadane Ganesh Gulabrao	Anantrao Pawar College Of Engineering Parvati Pune
228	Dr. Barkha Chaplot	Mjk College
229	Mrs. Priyanka Pradhan	Malwa Institute Of Science & Technology, Indore
230	Mrs. Sharshti Atre	Mist Indore
231	Miss Kiran Ajmera	Malwa Institute Science And Technology Indore
232	Miss Sonali Goswami	Malwa Institute Science And Technology Indore
233	Mrs. Shilpa Sharma	Mahakal Institute Of Technology And Management
234	Dr. Ashok Sen Gupta	School Of Management Sciences
235	Mr. Ajay Kumar Mehta	Jecrc University
236	Dr. Anooja Ali	Reva University
237	Dr. Rajitha K	Sree Rama Engineering College
238	Dr. Pavan Kumar M R	Sree Rama Engineering College
239	Mr. C Govardhan	Sree Rama Engineering College
240	Mrs. Aakansha Mitawa	Sobhasaria Group Of Institutions
241	Mr. Shivam Kumar	Jecrc University

242	Mrs. A.Ajil	Reva University
243	Dr. R Sumathi	Rathinam Technical Campus
244	Mr. R.Sathish Kumar	Rathinam Technical Campus
245	Dr. Harjeevan Singh	Chandigarh University
246	Mrs. Asha Beulah B P	Mar Ephraem College Of Engineering And Technology
247	Mr. Ram Lal Yadav	Jaipur National University
248	Miss Falguni Sharma	Vivekananda Global University, Jaipur
249	Miss Shanu Tripathi	Swami Keshvanand Institute Of Technology, Management & Gramothan,Jaipur
250	Mr. Baduru Sreenivasan	Sree Rama Engineering College
251	Mr. T Kataiah	Sree Rama Engineering College
252	Mr. Ajay Kumar	Jecrc University
253	Mrs. Keerthika V	Christian College Of Engineering And Technology
254	Dr. Megha Gupta	Swami Keshvanand Institute Of Technology Management And Gramothan
255	Mrs. Vanishree M L	Global Academy Of Technology
256	Dr. Neha Yadav	Kiet Group Of Institutions, Ghaziabad
257	Miss Mamta Gehlot	Malwa Institute Science And Technology
258	Dr. Seema Chaudhary	Institute Of Innovation In Technology & Management
259	Mr. D Krishna	Mvsr Engineering College
260	Miss Soni Rai	Institute Of Innovation In Technology And Management
261	Mrs. Jeevarathinam A	Sri Krishna Arts And Science College
262	Mrs. Padmaja P	Nalla Narasimha Reddy Education Society's Group Of Institutions
263	Mr. Aman Singh	Impact College, Patna
264	Dr. Mukesh Chandra	Poornoma Institute Of Engineering And Technology
265	Mr. Sudheer Aloori	Nalla Narasimha Reddy Education Society's Group Of Institutions
266	Dr. Payal Bansal	Poornima Institute Of Engineering & Technology , Jaipur Rajasthan
267	Dr. Gopinadhrao	Nalla Narasimha Reddy Education Societeys Group Of Institutions
268	Mrs. Swapnali Omkar Bhavake	Shree Santkrupa Institute Of Engineering &Technology Ghogaon
269	Mr. Prakash R	Rathinam Technical Campus
270	Mr. Santosh Kumar	Arya College Of Engineering & It

271	Mr. Harshvardhan Vitthalrao Bhoyar	Sri Sri University
272	Miss Rimsha Aleem	University Of Hyderabad
273	Mr. Ajay Pal Singh	Chandigarh University
274	Dr. Chandan Kumar	Skit
275	Mr. Shekhar Kumar Swarnkar	Jecrc University
276	Dr. Budesh Kanwer	Poornima Institute Of Engineering And Technology
277	Miss Shruti Sujan Munde	Isbmcoe
278	Mrs. Megha Rathore	Arya College Of Engineering And It
279	Miss Allisa Goyal	Swami Keshvanand Institute Of Technology, Management & Gramothan
280	Miss Neha Ranga	Aceit
281	Mr. Manish Dwivedi	Arya College Of Engineering & It
282	Miss Astha Joshi	Swami Keshvanand Institute Of Technology, Management & Gramothan
283	Dr. Sonal Garg	Ims Ghaziabad
284	Mr. Praveenn Kumar Yadav	Swami Keshvanand Institute Of Technology, Management And Gromothan
285	Mr. Sivasakthi T	Sri Sairam Engineering College
286	Dr. Rajinder Kaur Bhogal	Chandigarh School Of Business,Jhanjeri
287	Mr. Yajuvendra Gupta	Sobhasaria Group Of Institutions , Sikar Raj.
288	Mrs. Rasna Nikunjkumar Patel	Parul Institute Of Engineering And Technology
289	Miss Litty Koshy	Scms School Of Engineering And Technology
290	Mr. Gunjan Kumar Saini	Central University Of Rajasthan
291	Mr. Aditya Kumar	Gjimt Mohali
292	Miss Sandhya Soni	Arya College Of Engineering And Information Technology, Jaipur
293	Mrs. Renu Agrawal	Arya College Og Engineering & I.T.
294	Mrs. Neha Solanki	Jecrc University
295	Mrs. Kanniammal	St Joseph College Of Engineering
296	Mr. Naresh Thakur	Gyan Jyoti Institute Of Management And Technology
297	Mr. Mustafa Syed	Deccan College Of Engineering And Technology
298	Mr. Sandeep Kumar Gupta	Buddha Polytechnic College Gida Gorakhpur

ONLINE SESSION DETAILS

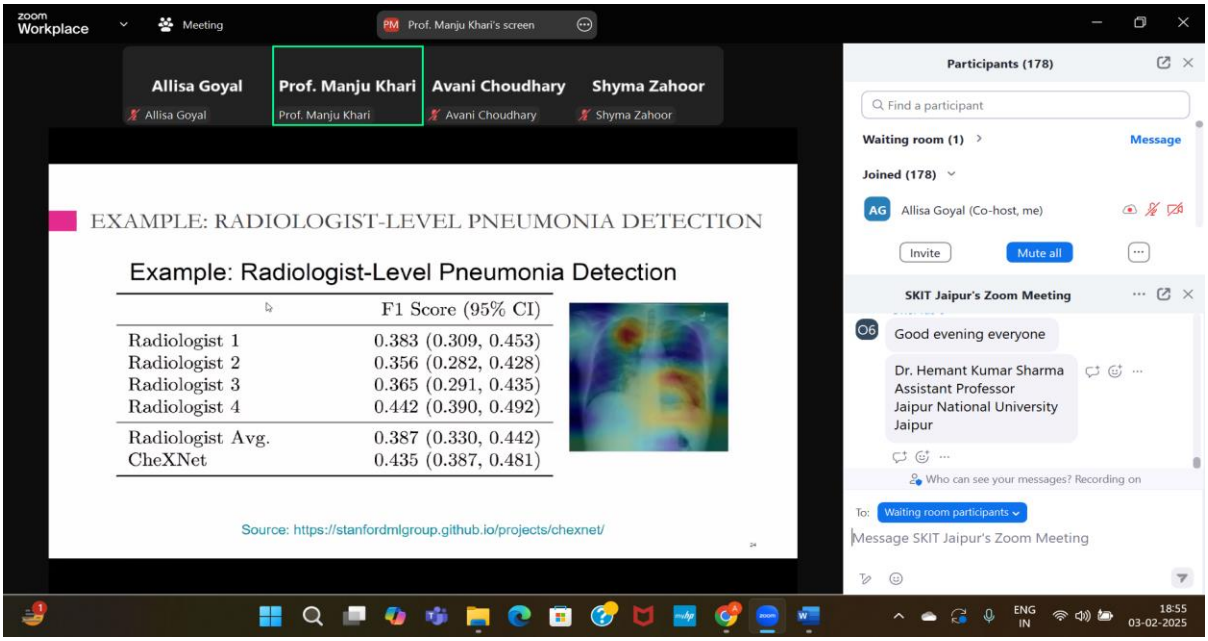
Dates: 3rd - 8th February 2025
Timings: Monday to Friday: 6:00 PM – 9:00 PM
Saturday: 2:00 PM – 8:00 PM
Platform: Zoom Workplace
Zoom Joining Link:
https://us06web.zoom.us/j/81281087276?pwd=BSTqAIKg5Z6aFZyjjX83ZYiSRB0lGL.1
Meeting ID: 812 8108 7276
Passcode: 777965
Note: The same link will be used for all sessions

Day 1:
Date: 3rd February, 2025
Inauguration (6:00-6:30 PM)

- The 6-day ATAL Online Faculty Development Programme, titled "Data Analytics for Decision Making: Tools, Techniques, and Applications," was inaugurated at 6:00 PM through an online Zoom meeting platform.
- The session began with a Welcome Note delivered by Prof. (Dr.) Mehul Mahrishi, Head of the CSE Department at SKIT Jaipur. The experts for this session, Dr. Manju Khari and Dr. Shruti Sharma, shared their insights, and the Vote of Thanks was presented by Dr. Nilam Choudhary.

Day 1: (03/02/2025)
Session 1: (6:30-8:00 PM)

- The first session **was**, presented by **Dr. Manju Khari**, Professor at JNU
- The session was about **"**on **"Deep Learning Techniques and Advanced Trends"**
- Dr. Khari, with your 17 years of experience, you introduced us to the most cutting-edge developments in deep learning.
- The program covered discussions giving us a deeper understanding of the techniques that are shaping the future of artificial intelligence.


zoom Workplace
Meeting
Prof. Manju Khari's screen
Allisa Goyal
Prof. Manju Khari
Avani Choudhary
Shyma Zahoor
EXAMPLE: RADIOLOGIST-LEVEL PNEUMONIA DETECTION
Example: Radiologist-Level Pneumonia Detection
F1 Score (95% CI)
Radiologist 1 0.383 (0.309, 0.453)
Radiologist 2 0.356 (0.282, 0.428)
Radiologist 3 0.365 (0.291, 0.435)
Radiologist 4 0.442 (0.390, 0.492)
Radiologist Avg. 0.387 (0.330, 0.442)
CheXNet 0.435 (0.387, 0.481)
Source: https://stanfordmlgroup.github.io/projects/chexnet/
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Waiting room (1)
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Joined (178)
Allisa Goyal (Co-host, me)
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Mute all
SKIT Jaipur's Zoom Meeting
Good evening everyone
Dr. Hemant Kumar Sharma
Assistant Professor
Jaipur National University
Jaipur
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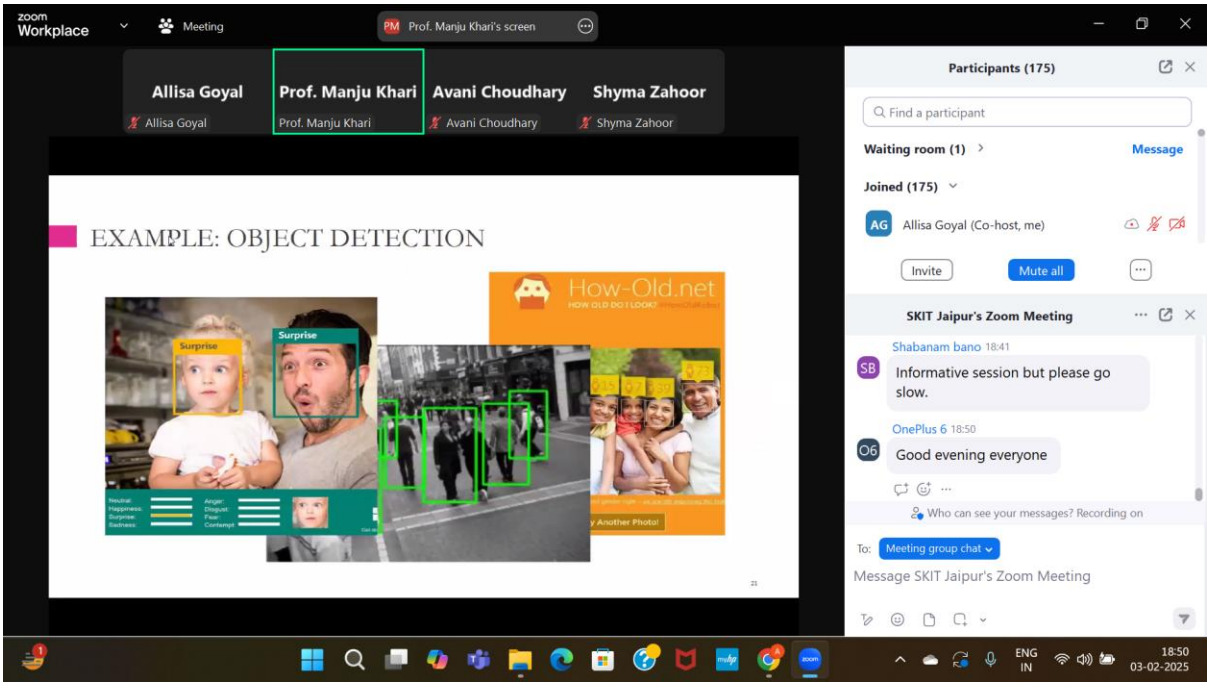
03-02-2025


zoom Workplace
Meeting
Prof. Manju Khari's screen
Allisa Goyal
Prof. Manju Khari
Avani Choudhary
Shyma Zahoor
EXAMPLE: OBJECT DETECTION
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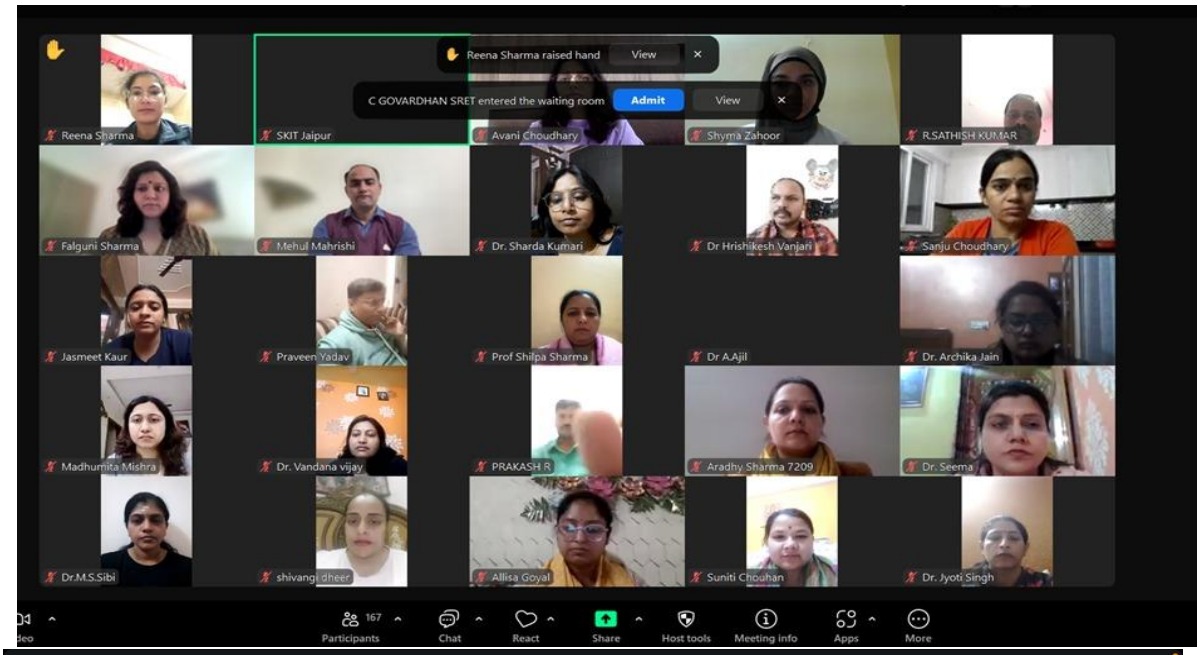
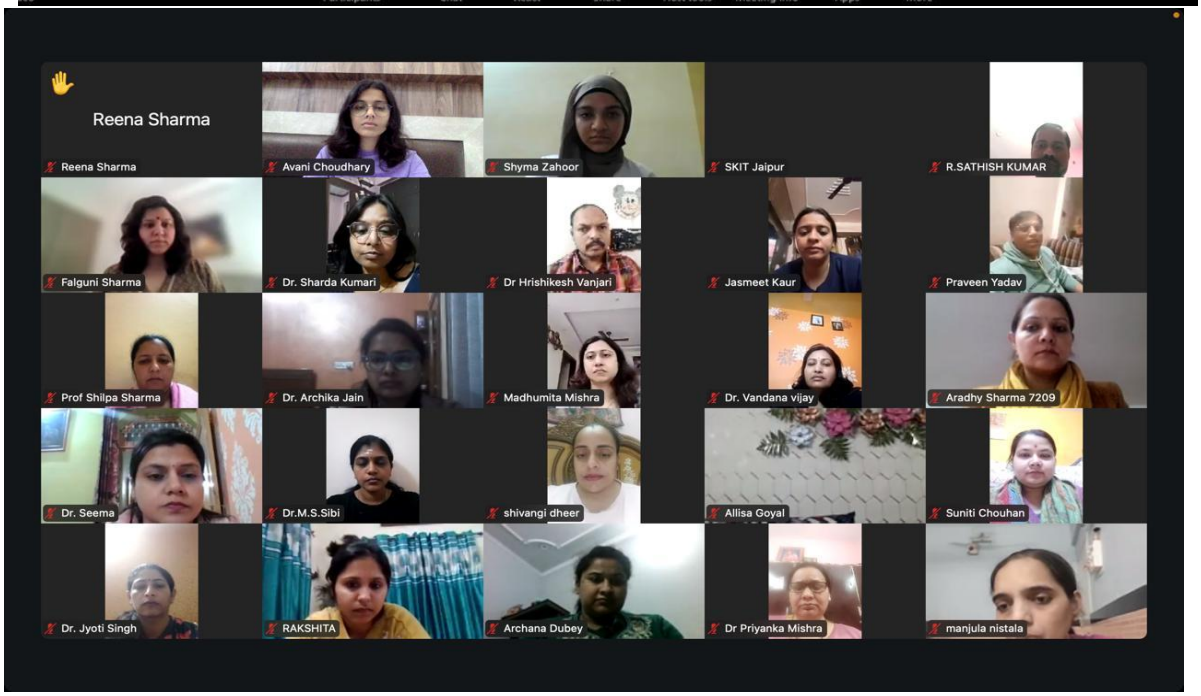
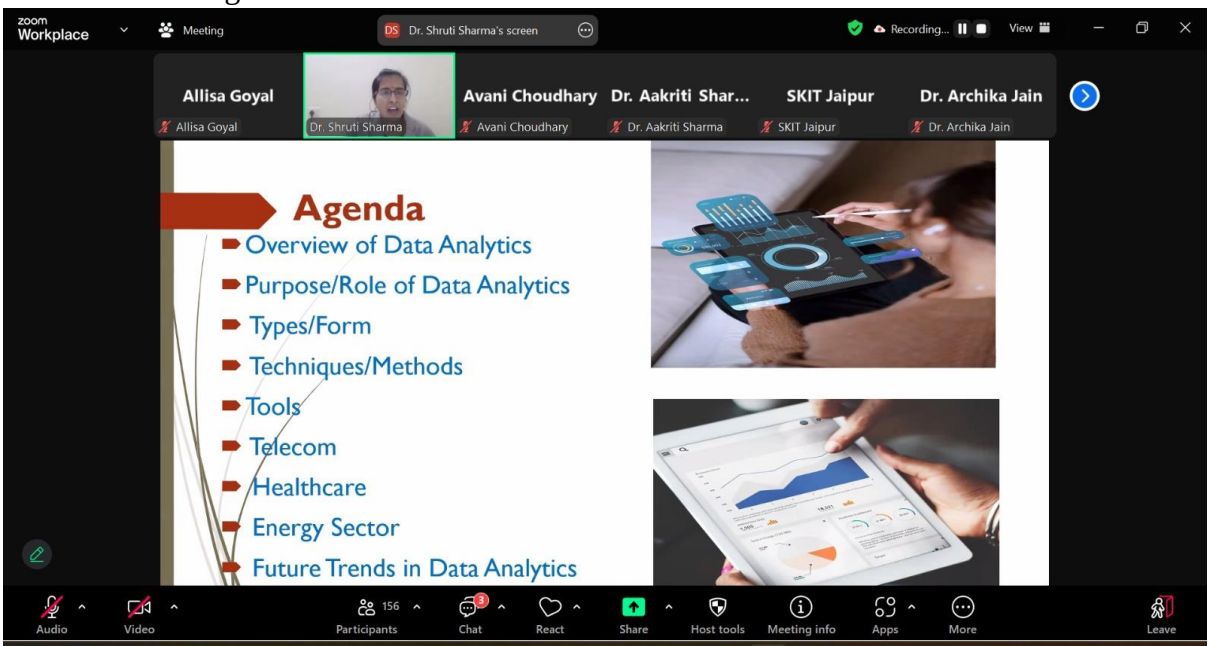


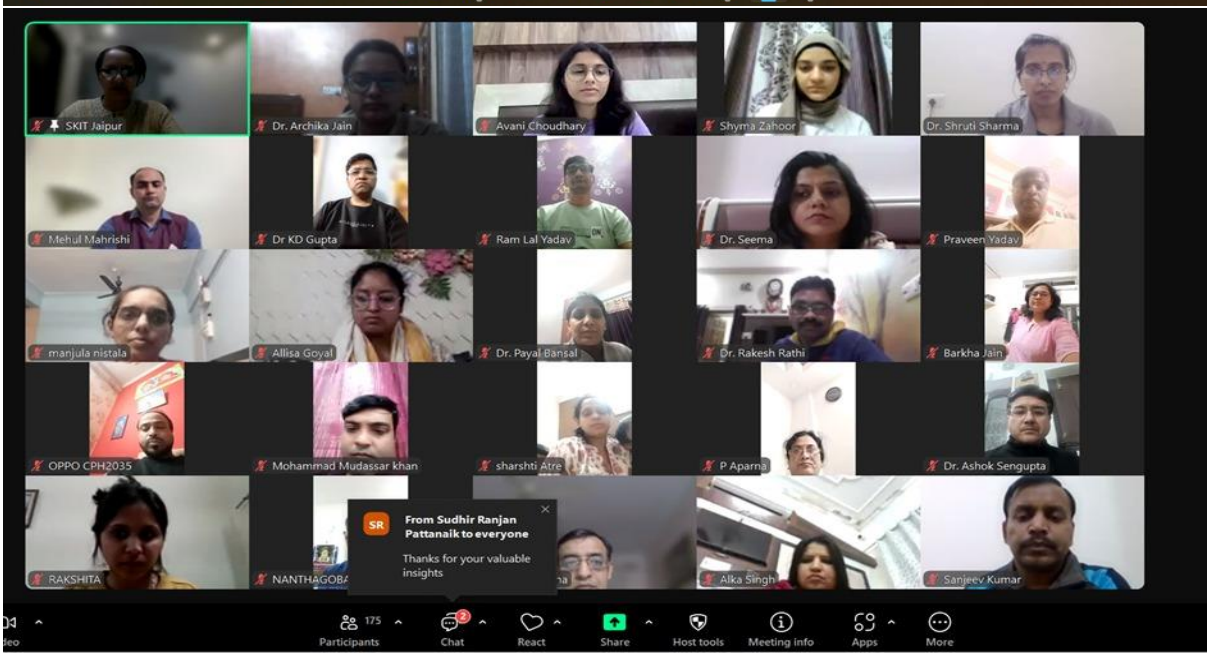


Session 2: (8:00-9:30 PM)

- The second session was presented by **Dr. Shruti Sharma**, Senior Researcher at AJOU University, South Korea**.**
- Her outstanding contribution to the session on **"Revolutionizing Industries: Data Analytics in Shaping Telecom, Healthcare, and Energy Sector."**
- With 10 years of experience in this field, Dr. Sharma's presentation was not only informative but also thought-provoking.
- Her in-depth exploration of the applications of data analytics in these critical industries has given us invaluable insights into how data-driven decision-making is transforming these sectors and paving the way for future advancements.
- Her expertise has undoubtedly deepened our understanding and sparked new ideas in all of us.

- Comprehensive understanding of deep learning models and frameworks.
- Discussions centered around challenges in dataset collection for healthcare applications, ethical considerations, and strategies for data preparation.
- Attendees gained insights into sourcing, cleaning, and augmenting datasets for effective model training.

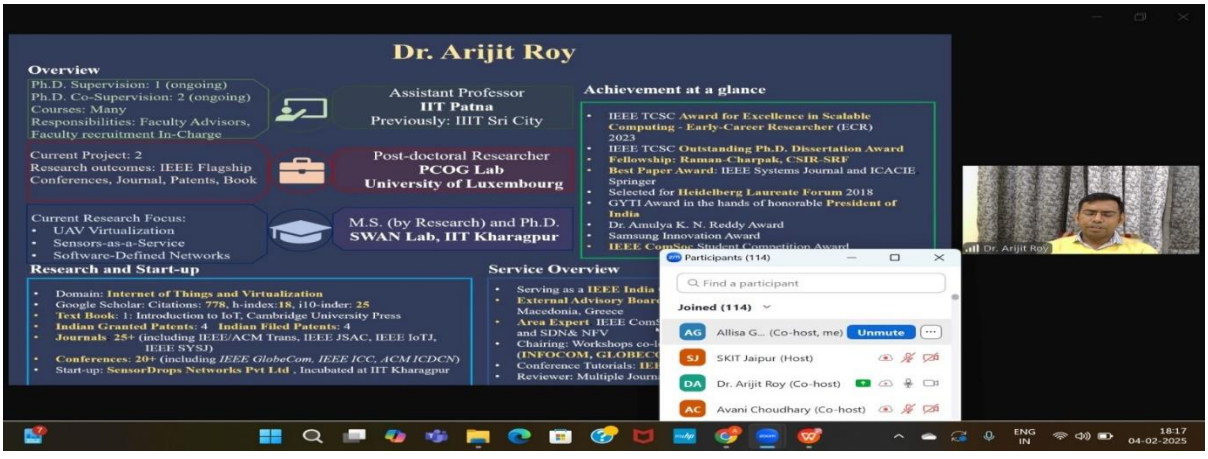


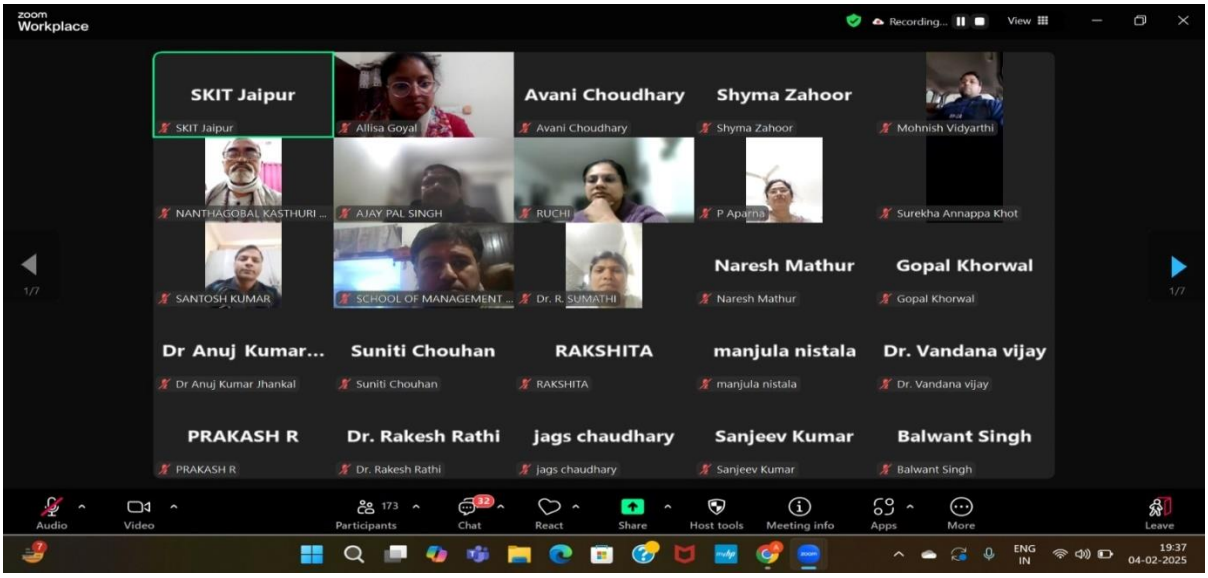


Day 2: (04/02/2025)
Session 3: (6:00-7:30 PM)

- I would like to thank **Dr. Arijit Roy**, Assistant Professor at IIT Patna,
- The topic for this session was **"UAV Virtualization for IoT".**
- With 8 years of experience in the field, Dr. Roy's insights into the intersection of UAVs and the Internet of Things were truly enlightening.
- He gave us a fresh perspective on how UAV virtualization is revolutionizing the way we approach IoT applications, and your session has undoubtedly expanded our knowledge in this emerging and exciting field.
- He demonstrates practical examples of IOT Applications.
- This FDP focused on the latest advancements, applications, and challenges in UAV-based IoT solutions.
- **Introduction to UAV Virtualization** – Concept, architecture, and significance in IoT

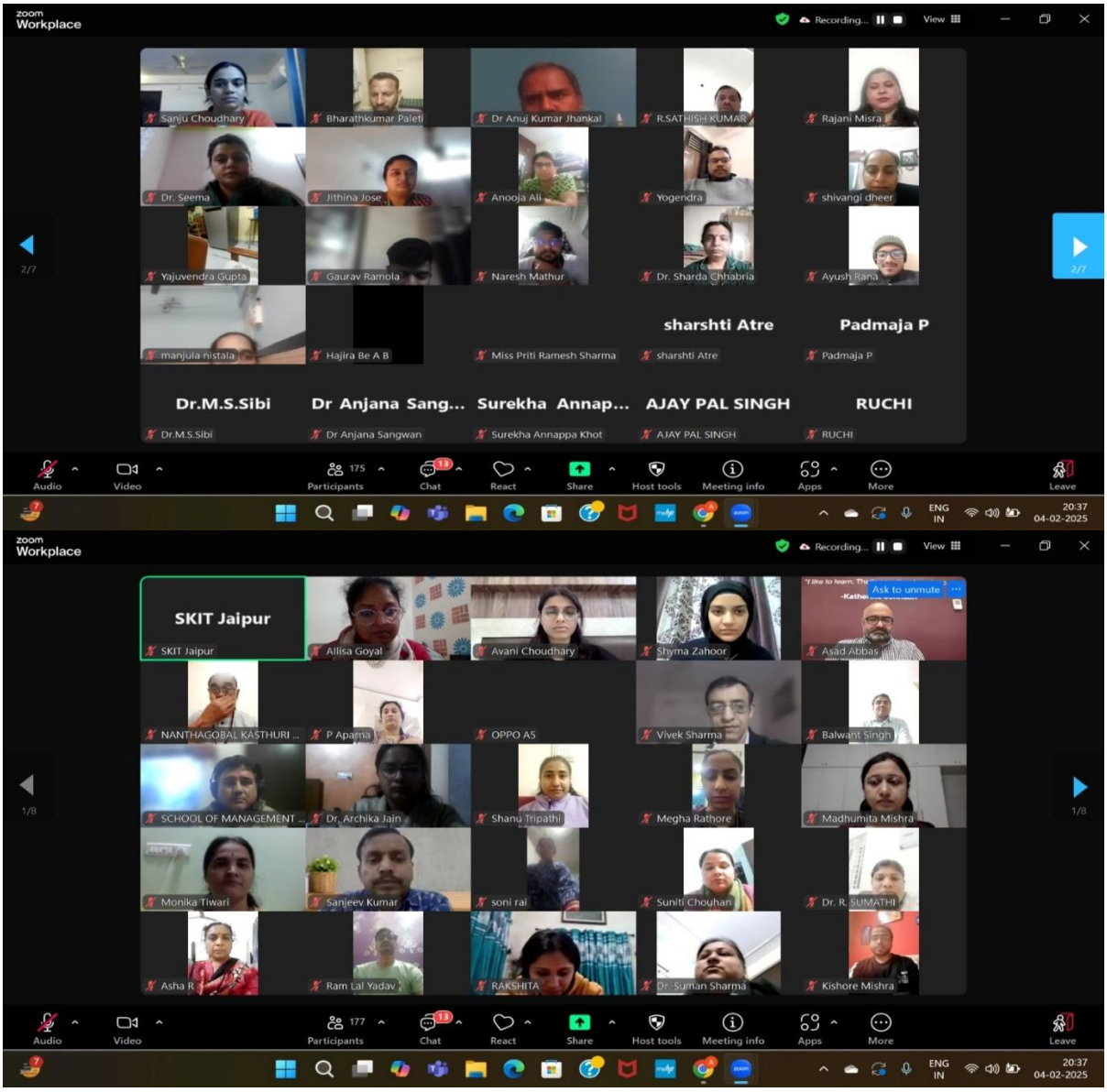
- **Integration of UAVs with IoT** – Communication protocols, data collection, and edge computing.





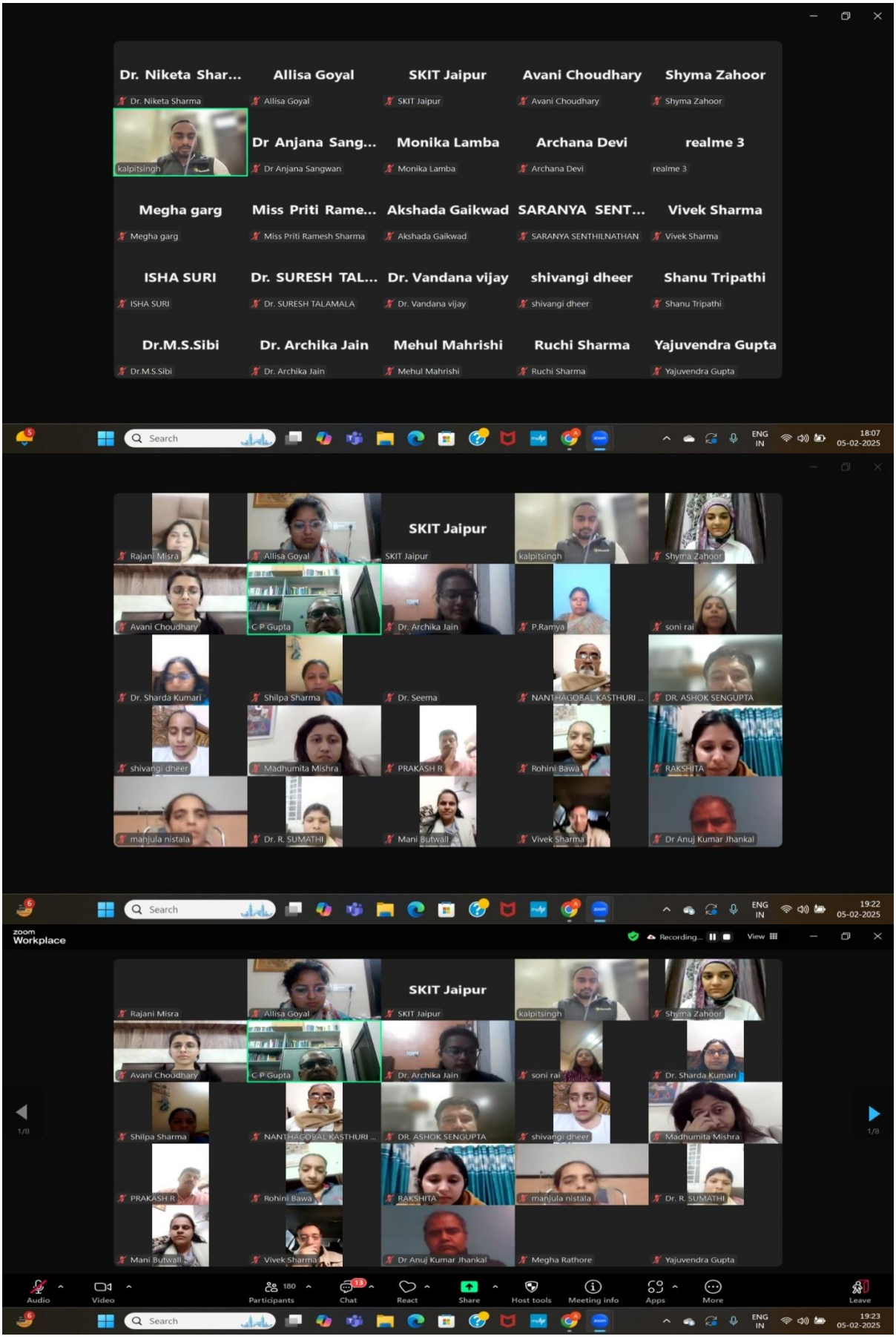
Session 4: (7:30-9:00 PM)

- The fourth session was taken by **Dr. Asad Abbas**, Associate Professor at Tecnológico de Monterrey, Mexico**.**
- The session was about **"Statistical Analysis Using Jamovi"**.
- Participants engaged in discussions on published articles that explored general concepts and approaches related to optimization techniques.
- Dr. Abbas, with 6 years of experience, you skillfully guided us through the features and functionalities of Jamovi.
- He provided us with practical skills to conduct statistical analysis using this powerful open-source tool.
- Your session was clear, engaging, and highly beneficial to everyone.
- The session provided valuable insights on tools and strategies for selecting the appropriate journals and conferences to publish research work.
- Practical expertise in statistical analysis using Jamovi.



Day 3: (05/02/2025)
Session 5: (6:00-7:30 PM)

- Session was taken by **Mr. Kalpit Singh**, CEO of COGNOMEN**.**
- The session was about **" Generative AI "**.
- He explained the concepts behind generative AI in such an engaging and accessible way, giving us a deeper understanding of its potential applications across various domains
- With 12 years of experience in this dynamic field, Mr. Singh's presentation was an eye-opener for many of us.
- His session has truly inspired us all to explore the growing field of AI even further.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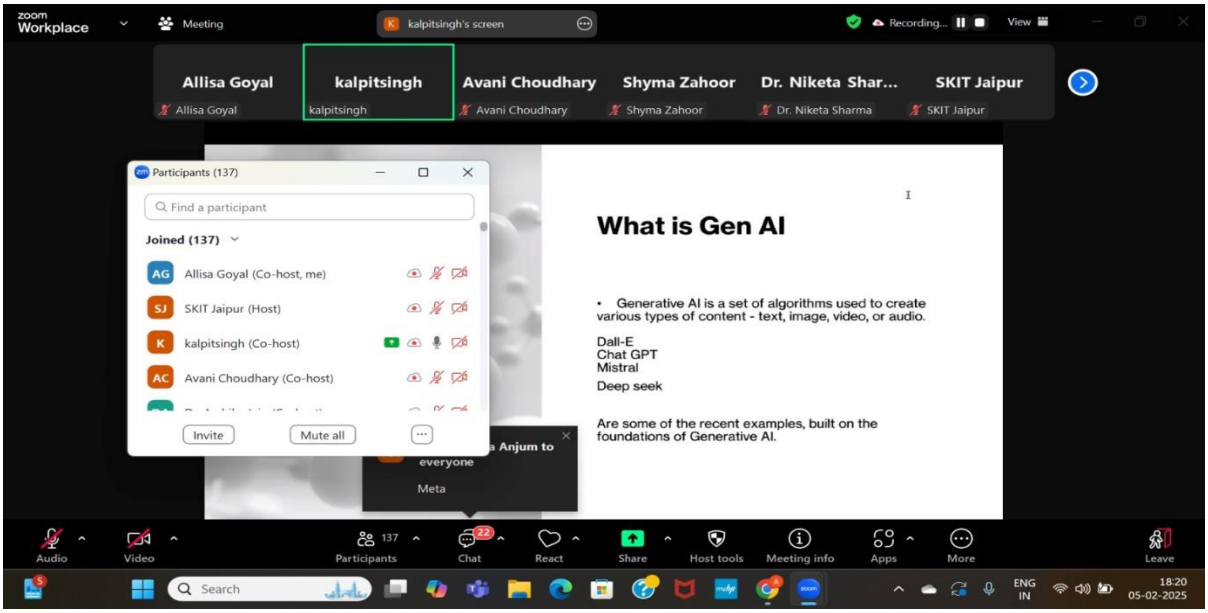
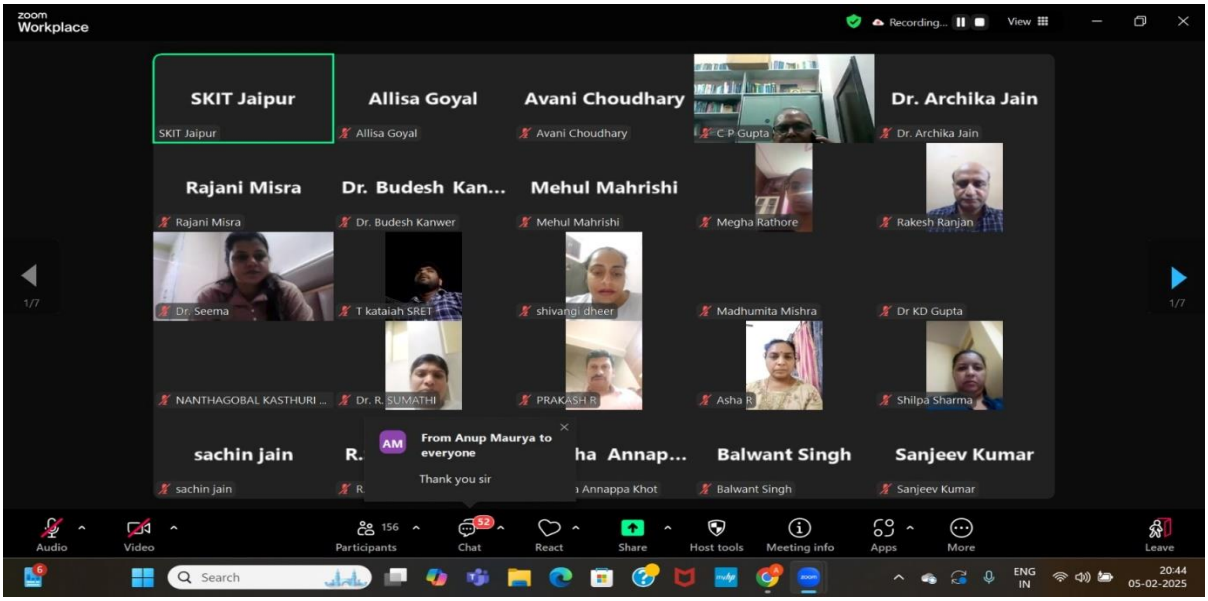
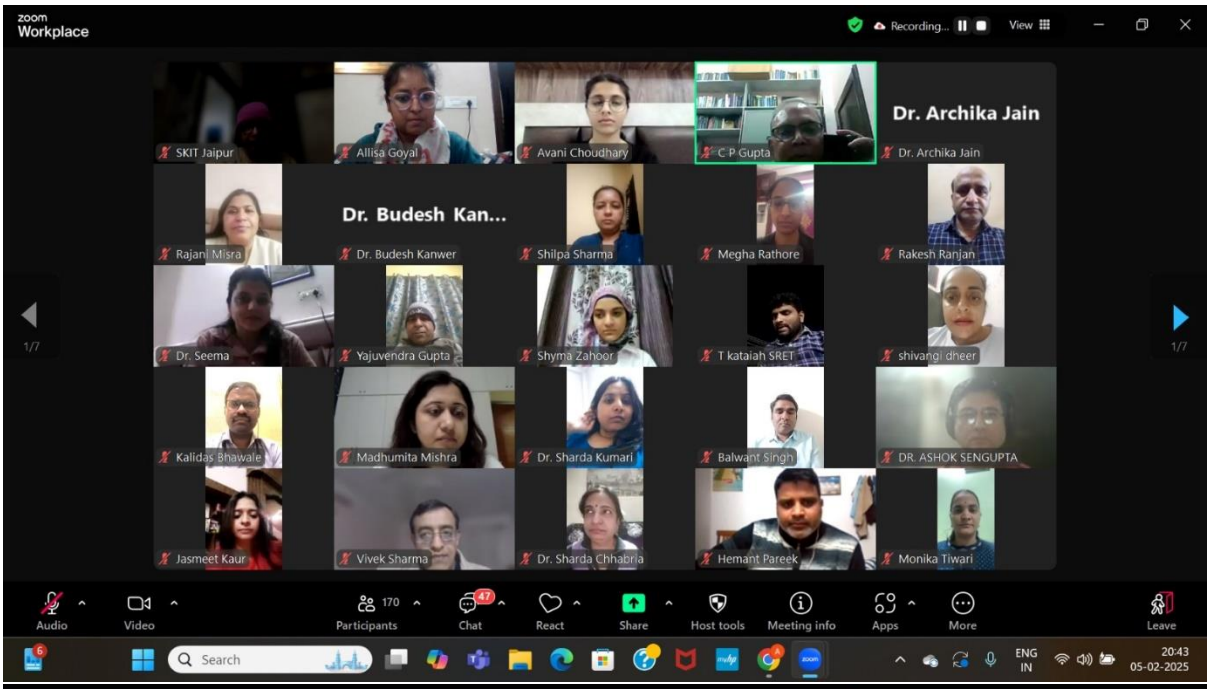


Session 6: (7:30-9:00 PM)

- The sixth session was taken by **Dr. C.P. Gupta**, Professor at RTU**.**
- The topic for the session was **"Data Analytics Fundamentals".**
- With 20 years of experience, Dr. Gupta's session was a wonderful introduction to the essential concepts of data analytics.
- His clear and structured approach helped us grasp fundamental techniques that are crucial for anyone starting out in data analytics.
- Applying statistical techniques and generating insights.
- Visualizing data using graphs, charts, and dashboards.
- Practical exposure to industry-standard tools and frameworks.

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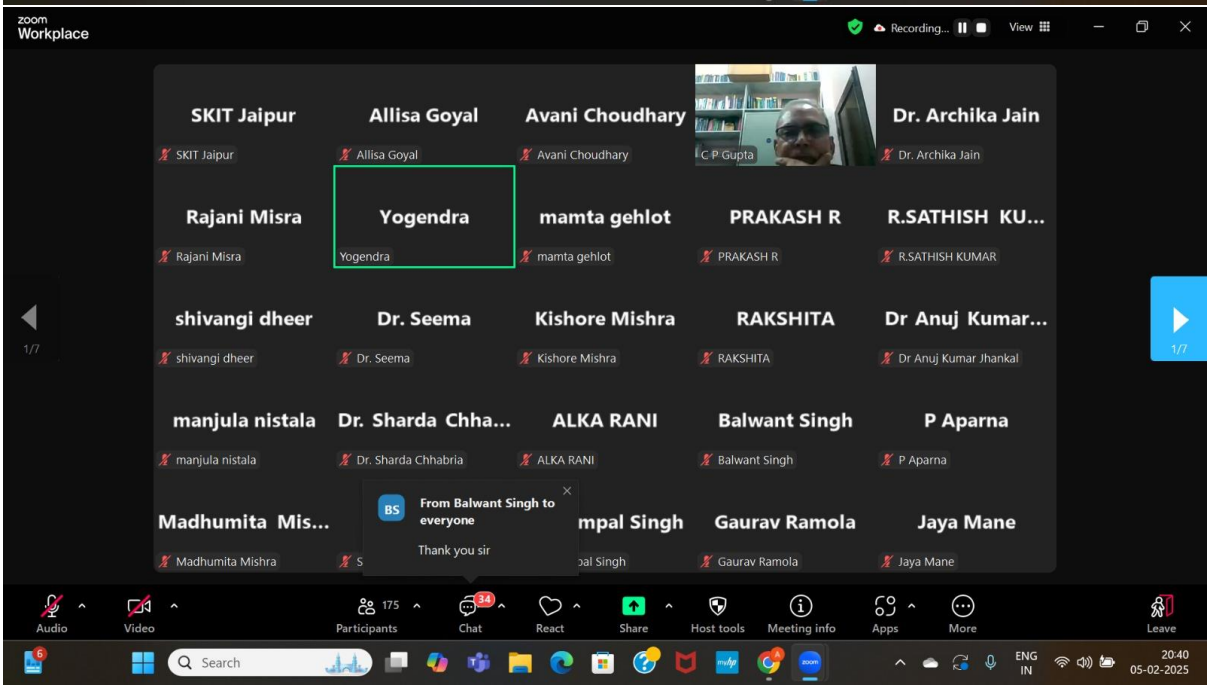
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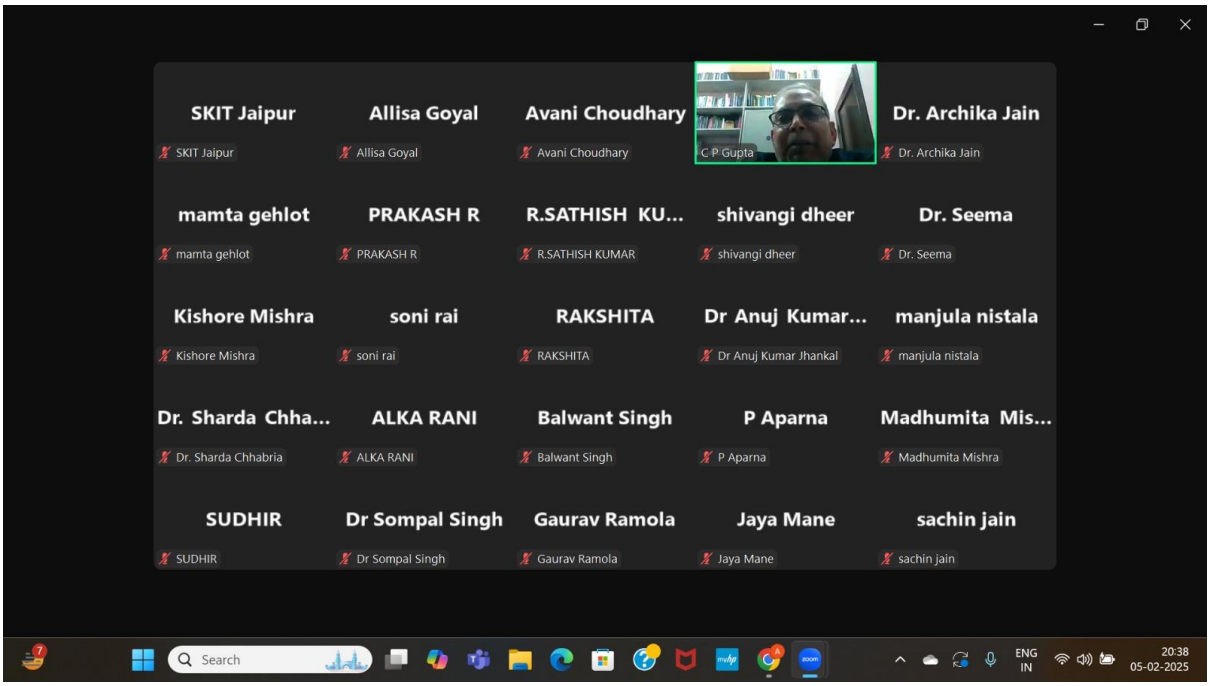
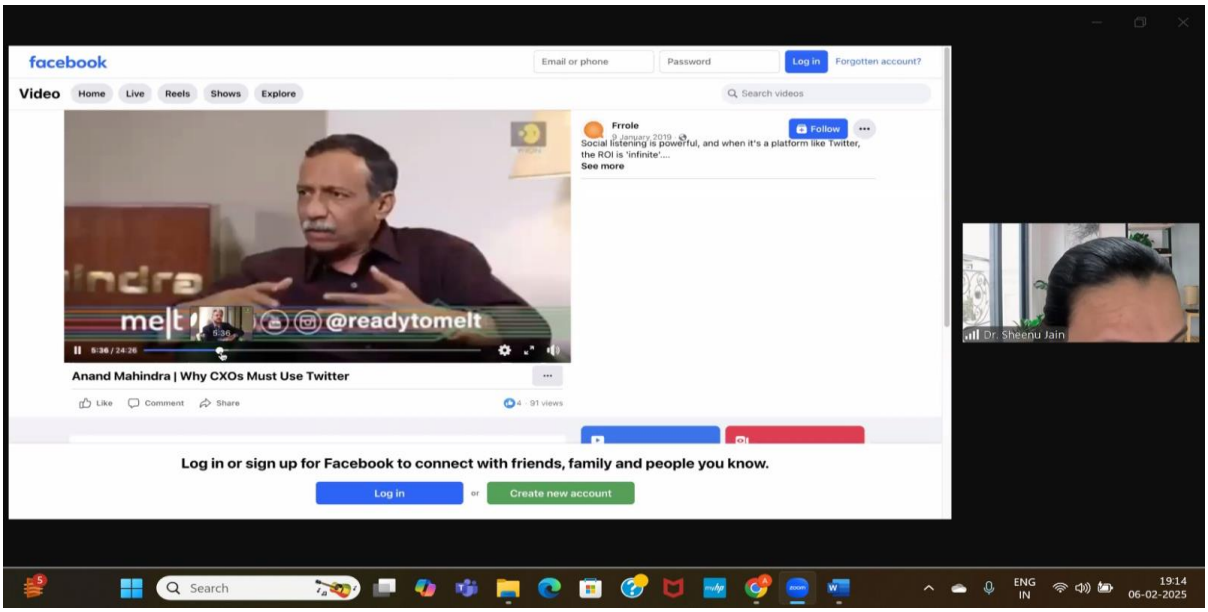
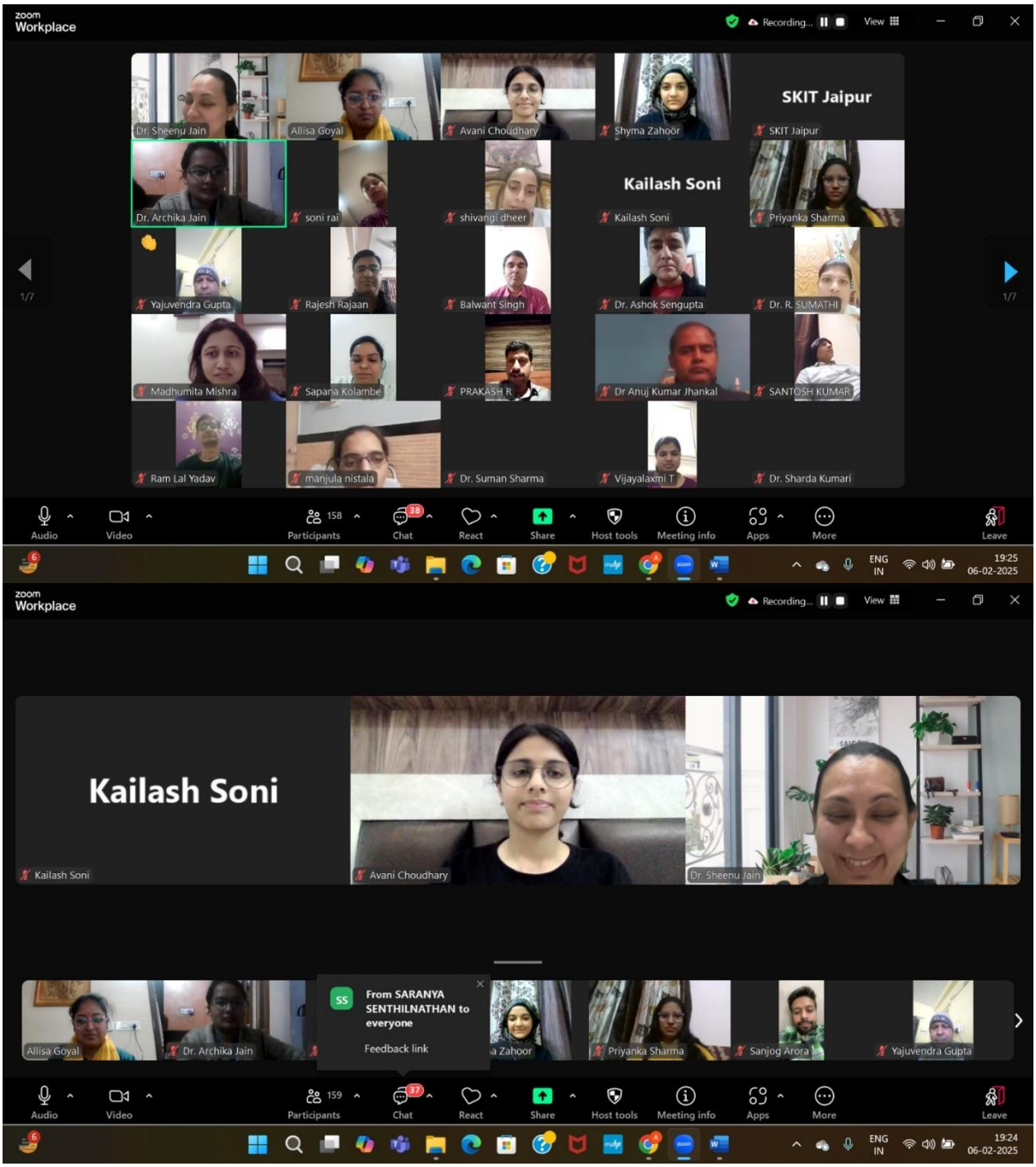


Day 4: (06/02/2025)
Session 7: (6:00-7:30 AM)

- The seventh session was continued by **Dr. Sheenu Jain**, Associate Professor at LNMIIT**.**
- The topic for the session was "**Data-Driven Decision Making by Startups**".
- With 14 years of experience, Dr. Jain provided us with valuable insights into how startups can leverage data to drive their decision-making processes.
- His session has surely motivated us to think critically about how we use data in our professional lives and future ventures.
- Their real-world insights and case studies provided practical knowledge applicable to both academia and industry.

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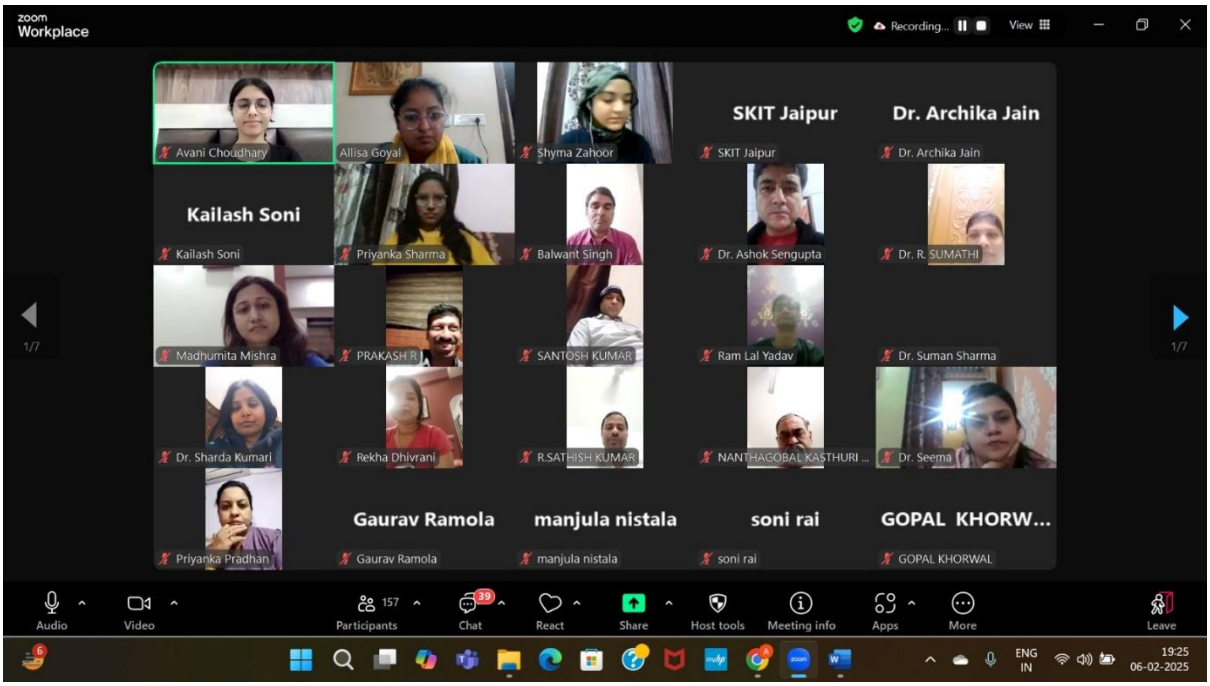
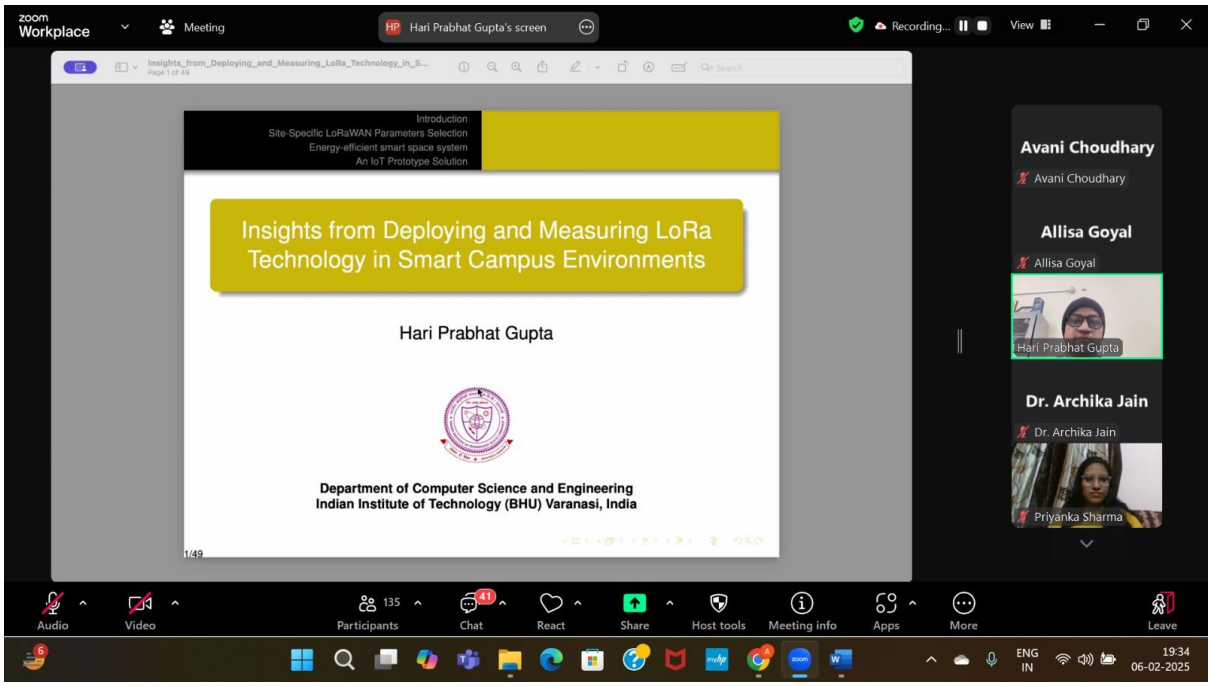


Session 8: (7:30-9:00 PM)

- The eighth session was continued by **Dr. Hari Prabhat Gupta**, Associate Professor at IIT BHU**.**
- The topic for the session was "**Insights from Deploying and Measuring LoRa Technology in Smart Campus Environments**".
- The way he explained the real-world applications and challenges of deploying LoRa technology in smart campuses was highly informative.
- **He discussed LoRa Deployment in Smart Campuses** – Network setup, gateway placement, and coverage optimization.
- He also discussed Perform **data collection and transmission analysis** using LoRa-enabled devices.
- Their guidance provided practical knowledge essential for implementing LoRa-based smart campus solution.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Energy-efficient smart space system
An IoT Prototype Solution
Insights from Deploying and Measuring LoRa Technology in Smart Campus Environments
Hari Prabhat Gupta
Department of Computer Science and Engineering
Indian Institute of Technology (BHU) Varanasi, India
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Avani Choudhary
Allisa Goyal
Hari Prabhat Gupta
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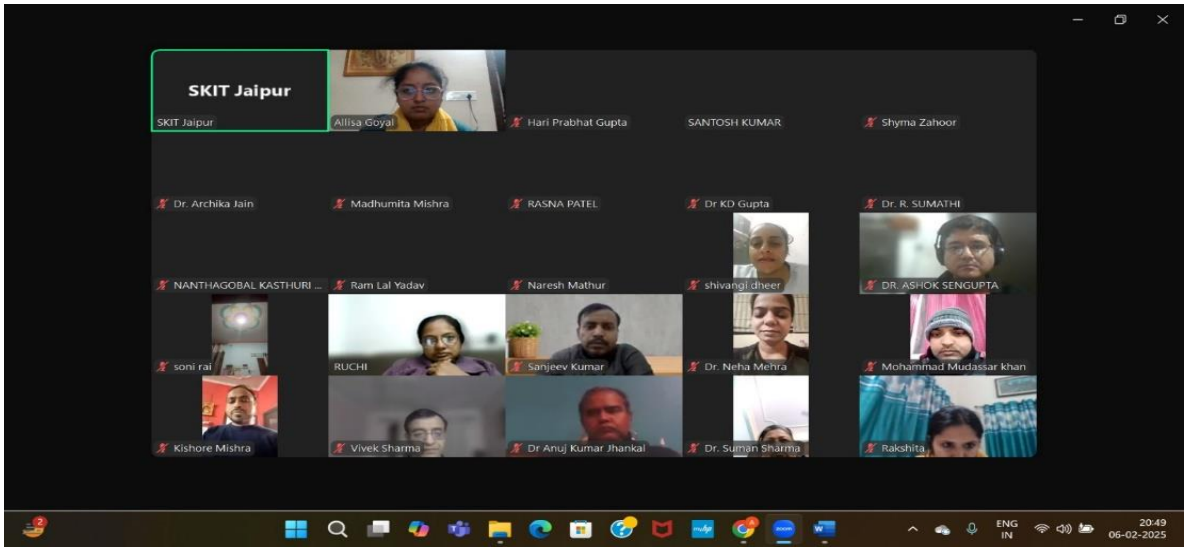
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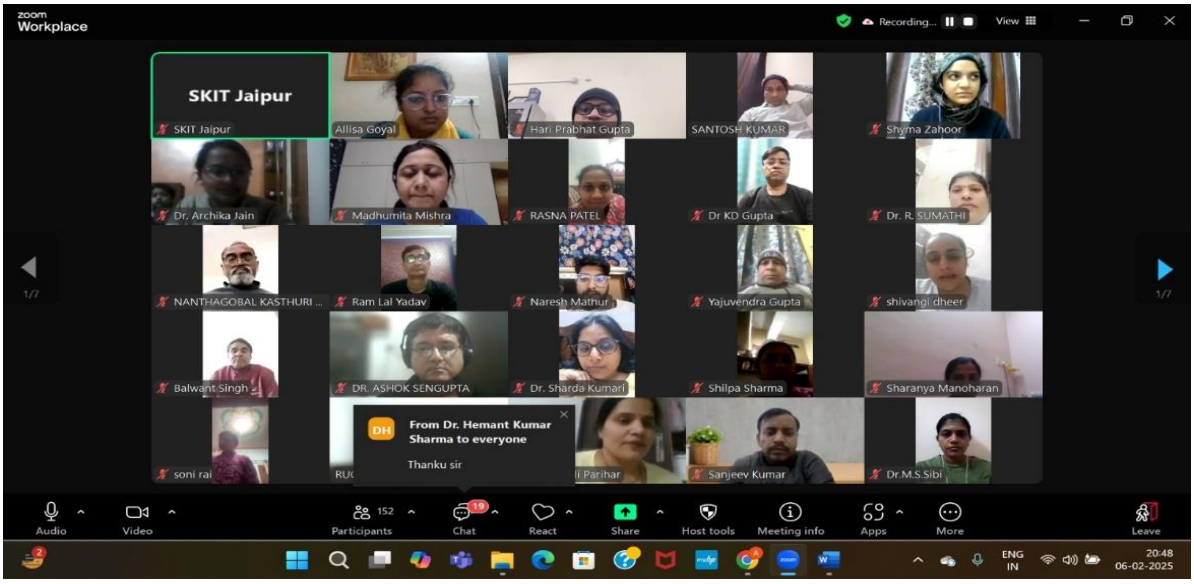
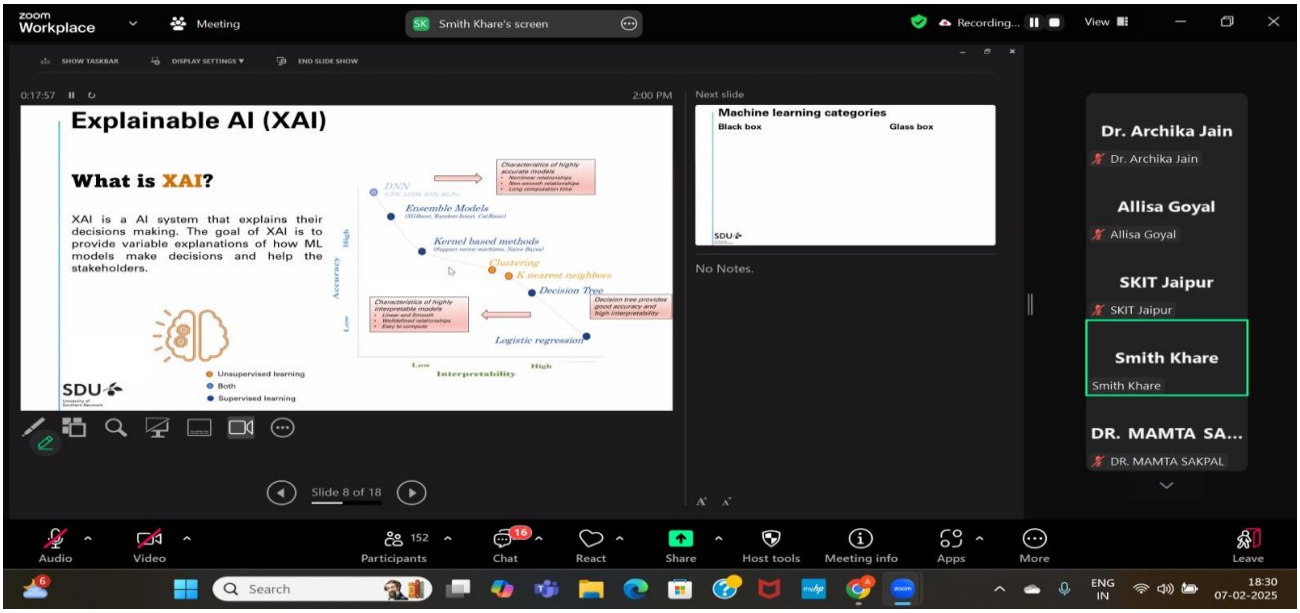
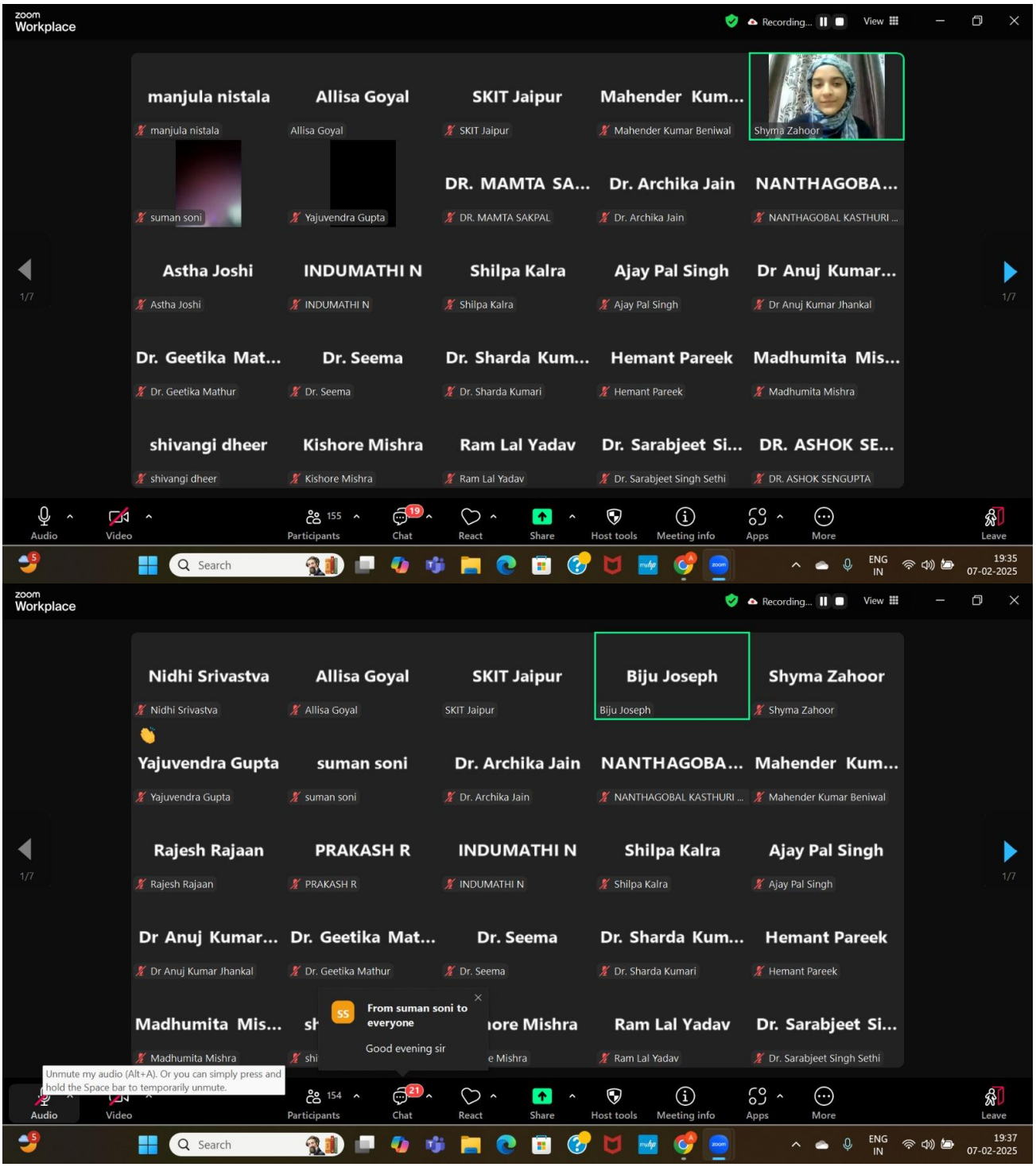


Day 5: (07/02/2025)

Session 9: (6:00-7:30 AM)

- The ninth session was continued by **Dr. Smith Khare**, Assistant Professor at MMMI**.**
- The topic for the session was **"Role of Explainable AI in Decision-Making**".
- With 8 years of experience, Dr. Khare gave us a thorough understanding of the importance of explainability in AI and its crucial role in decision-making He explained how Generative AI in Healthcare can be used.
- Your insights into the challenges and techniques of making AI models interpretable were invaluable and have given us all a new perspective on how to implement and trust AI solutions.

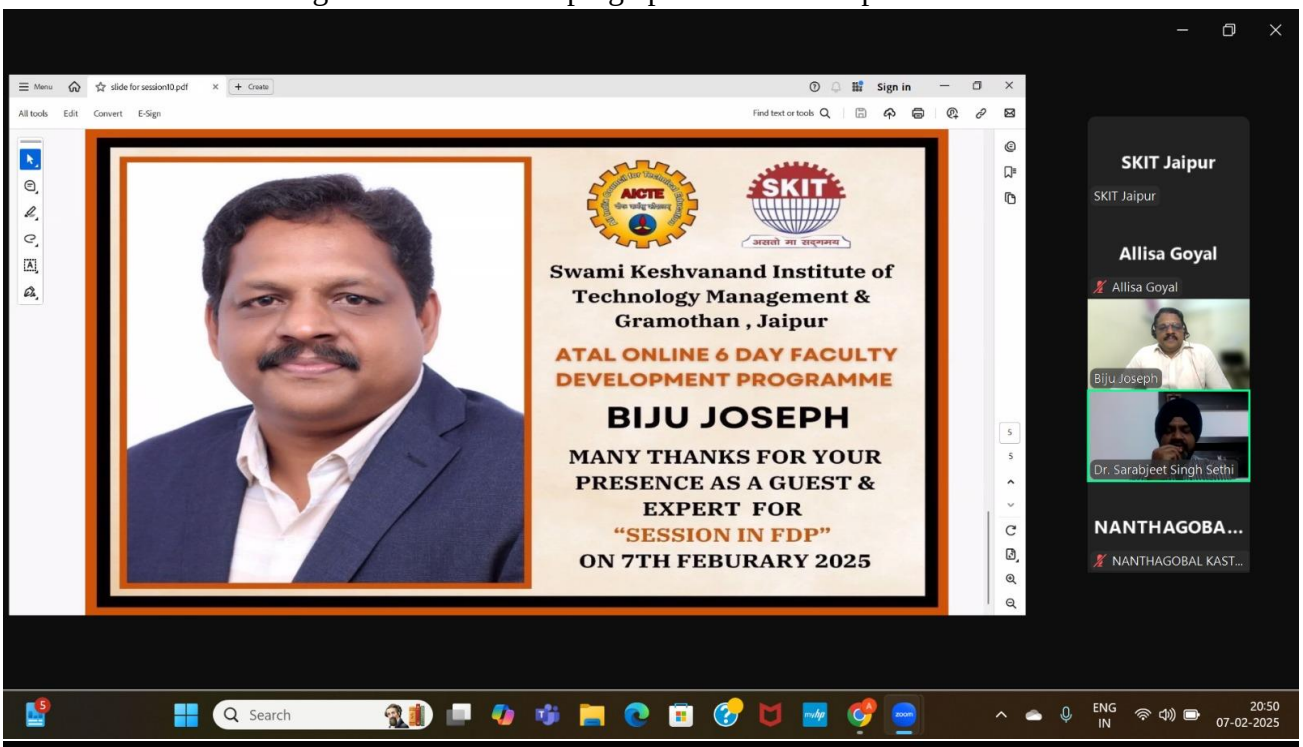


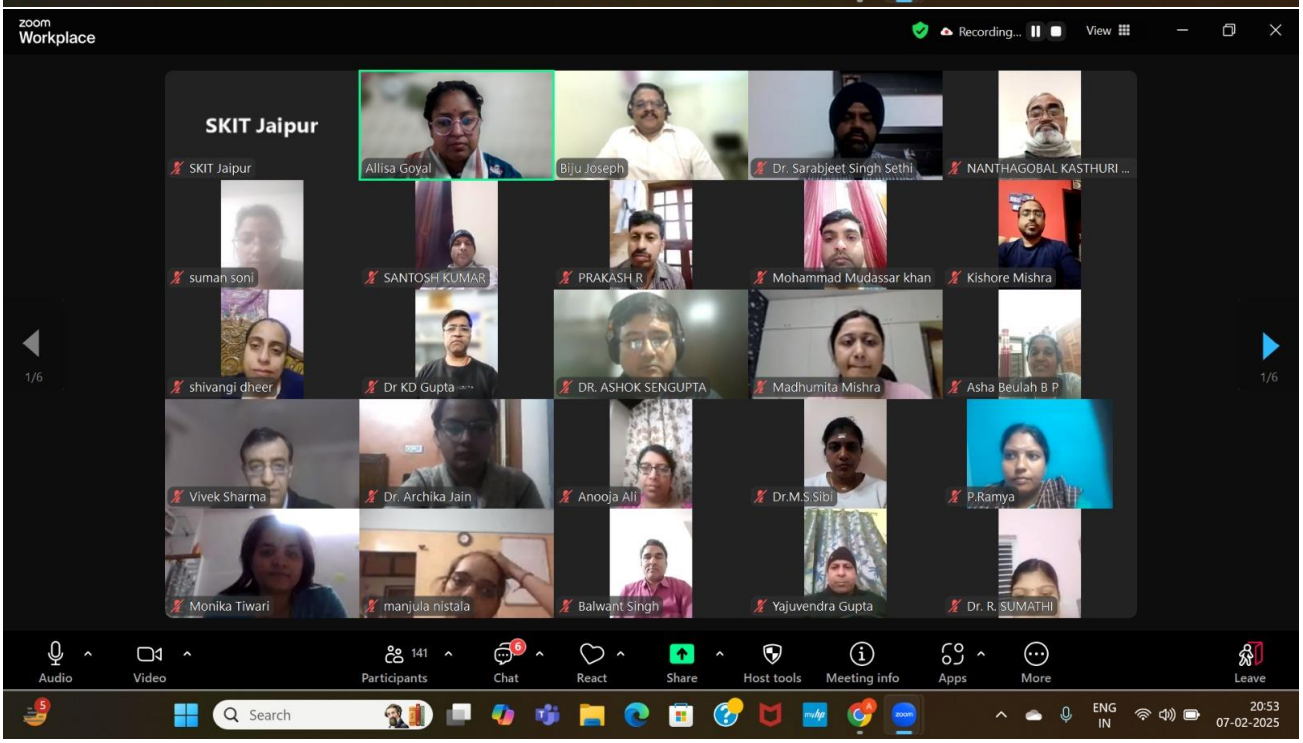


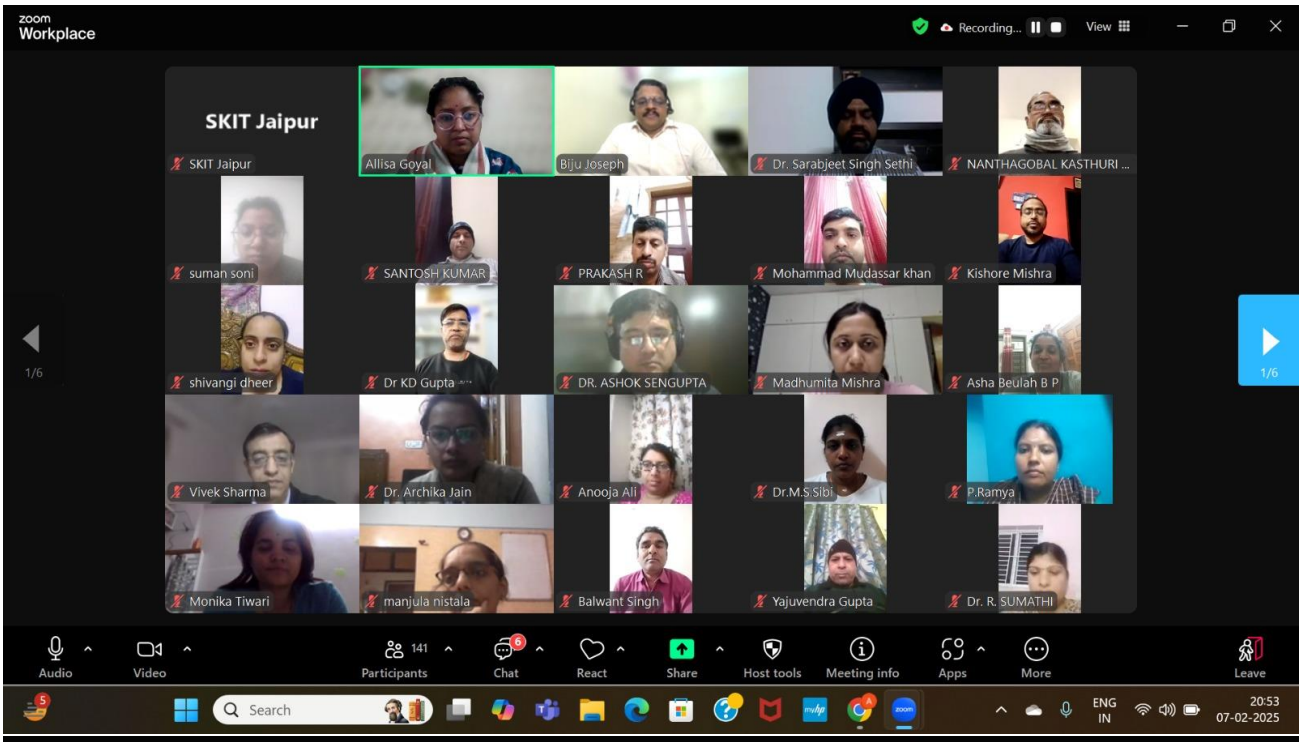
Session 10: (07:30-9:00 PM)

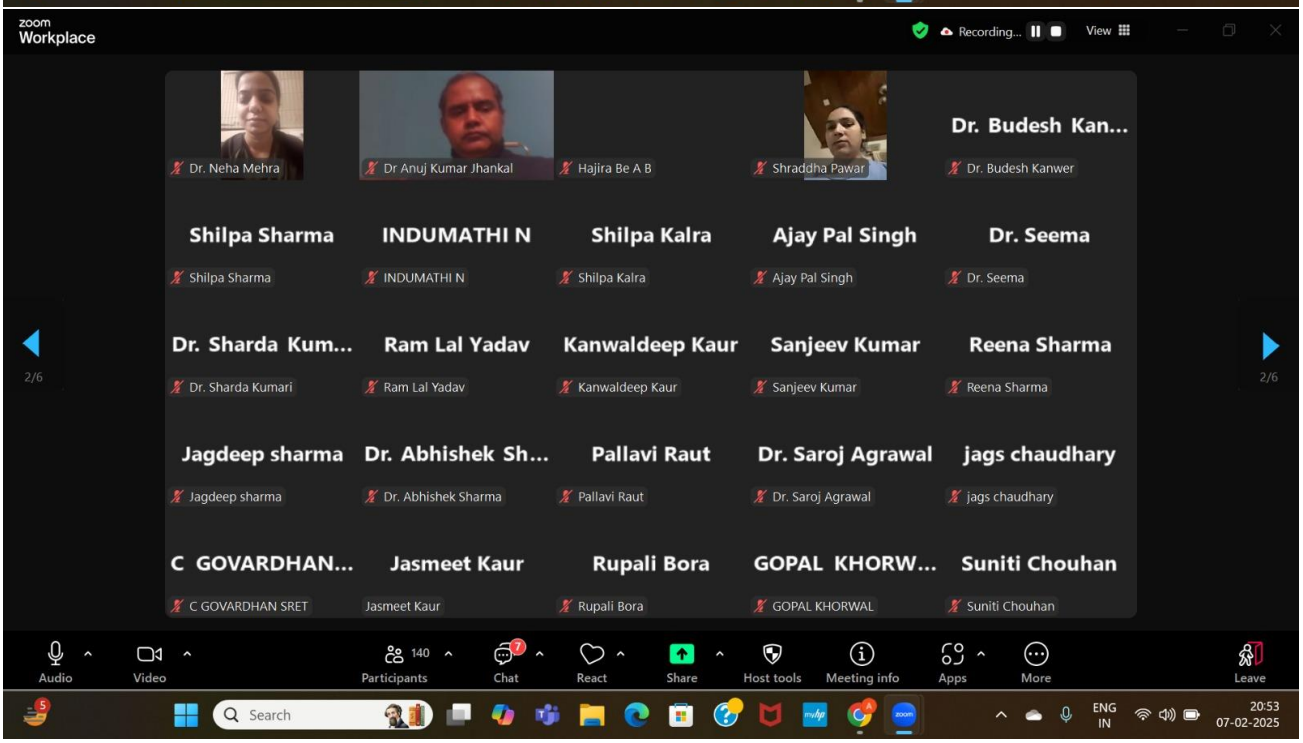
- The session was taken by **Mr. Biju Joseph**, Assistant Director at EY.
- The topic for the session was **"Data Analytics: Industrial DataOps Platform (Oil and Gas Sector)".**
- With 15 years of experience, Mr. Joseph expertly explained how data analytics is revolutionizing industries, especially in the oil and gas sector.

- His practical insights into industrial DataOps platforms provided us with a real-world understanding of how data is shaping operations in complex industries.







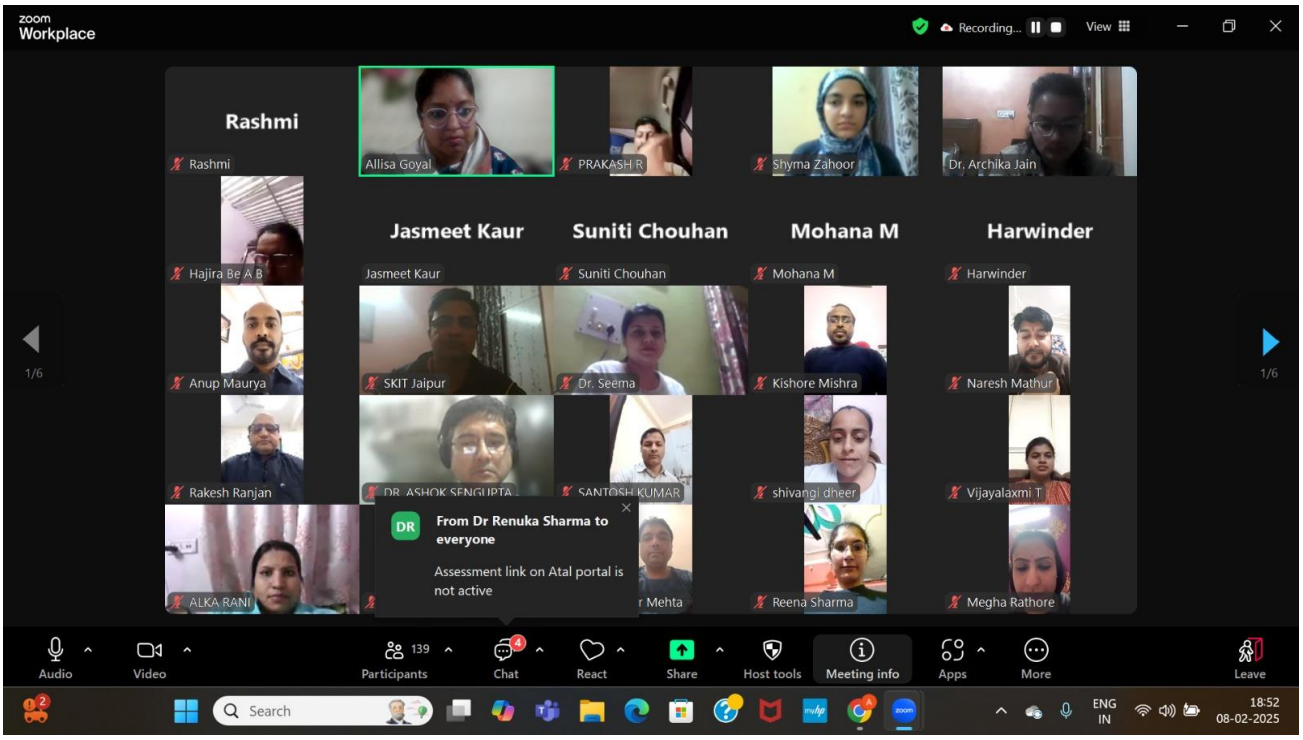


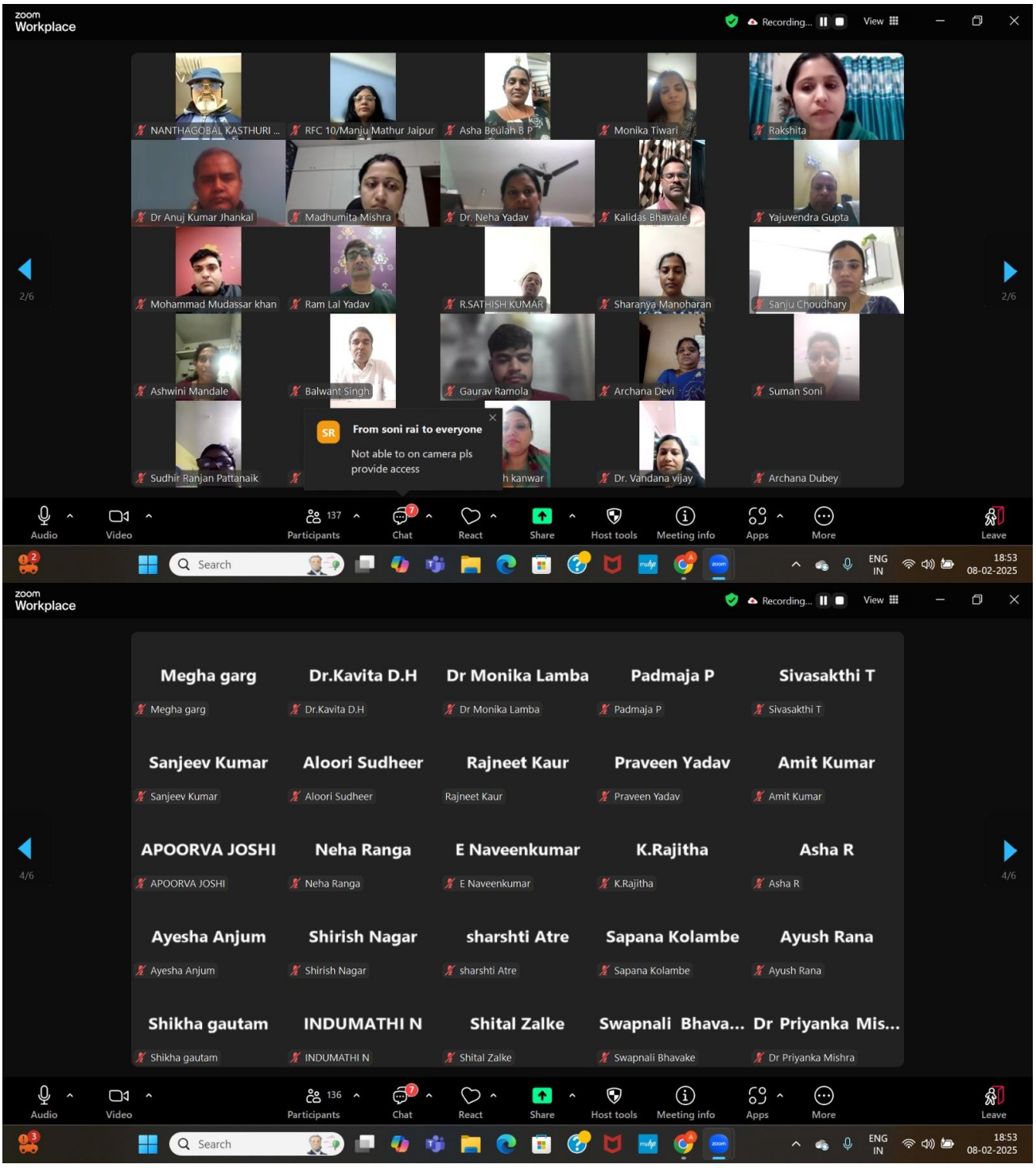
Day 6: (08/02/2025)

Session 11: (2:00-03:30 PM)

- The session was taken by **Mr. Aryan Singh**, Founder and CEO of TensaX.
- The topic for the session was **"Applied AI - Exploring Industry Case Studies, Cognitive Programming Development Frameworks & Tools".**

- With 8 years of experience, Mr. Singh's session was a deep dive into the practical applications of AI, providing us with an understanding of how AI is being implemented across industries.
- His focus on cognitive programming frameworks and tools was both insightful and inspiring**.**
- The sessions covered AI-driven innovations, cognitive programming frameworks, and hands-on experience with cutting-edge tools.
- We extend our sincere gratitude to the esteemed speakers and organizers for facilitating this enriching learning experience.

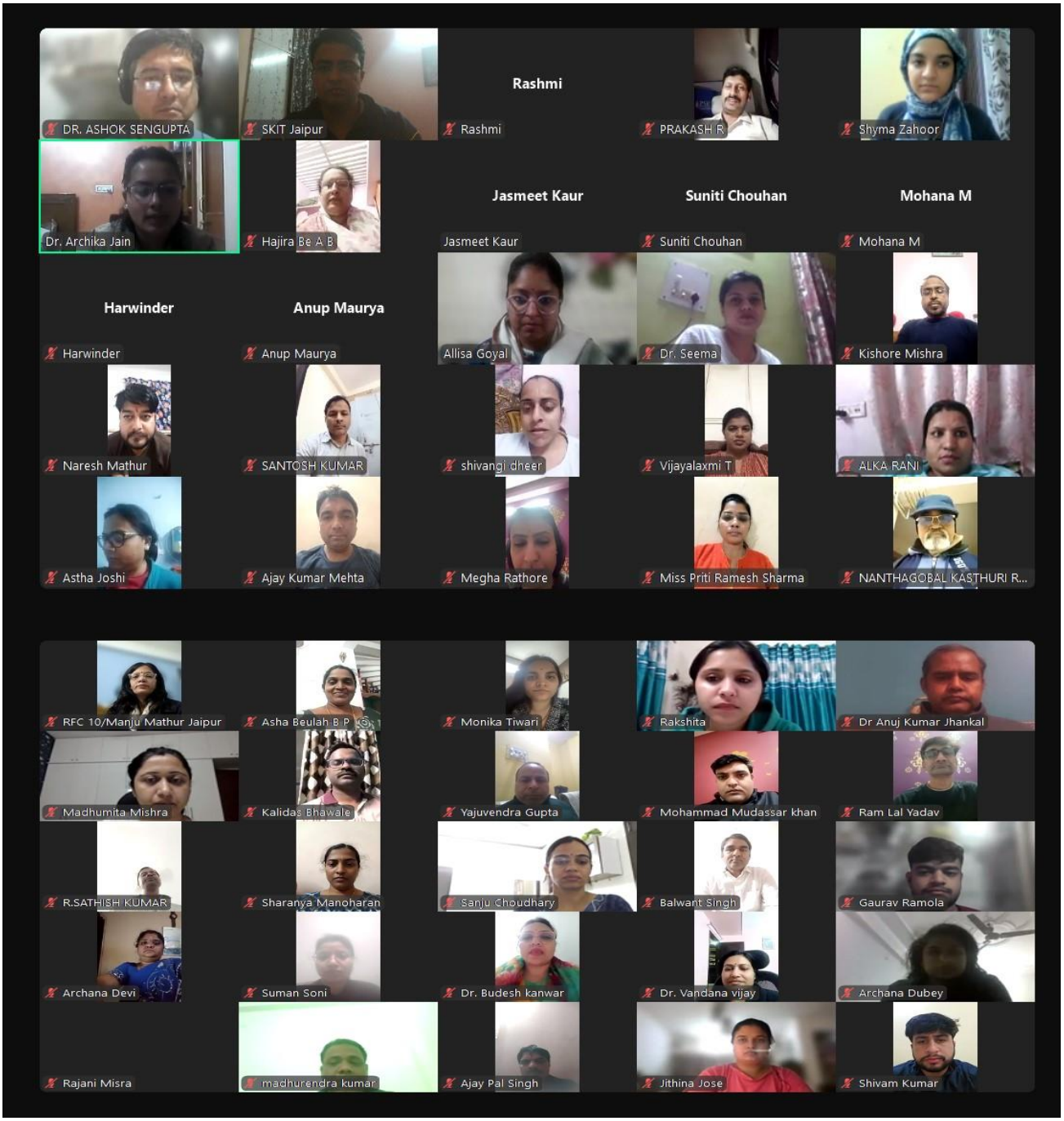




Session 12: (03:30-05:00 PM)

- The session was taken by **Mr. Vedant Ahluwalia**, CEO of Dataviv Technologies .
- The topic for the session was **"The Future of Decision Making through Analyzing Data with Advanced Artificial Intelligence".**
- With 10 years of experience, your discussion on the future trends in AI and data analytics, and how they will shape decision-making, was both fascinating and thought-provoking**.**

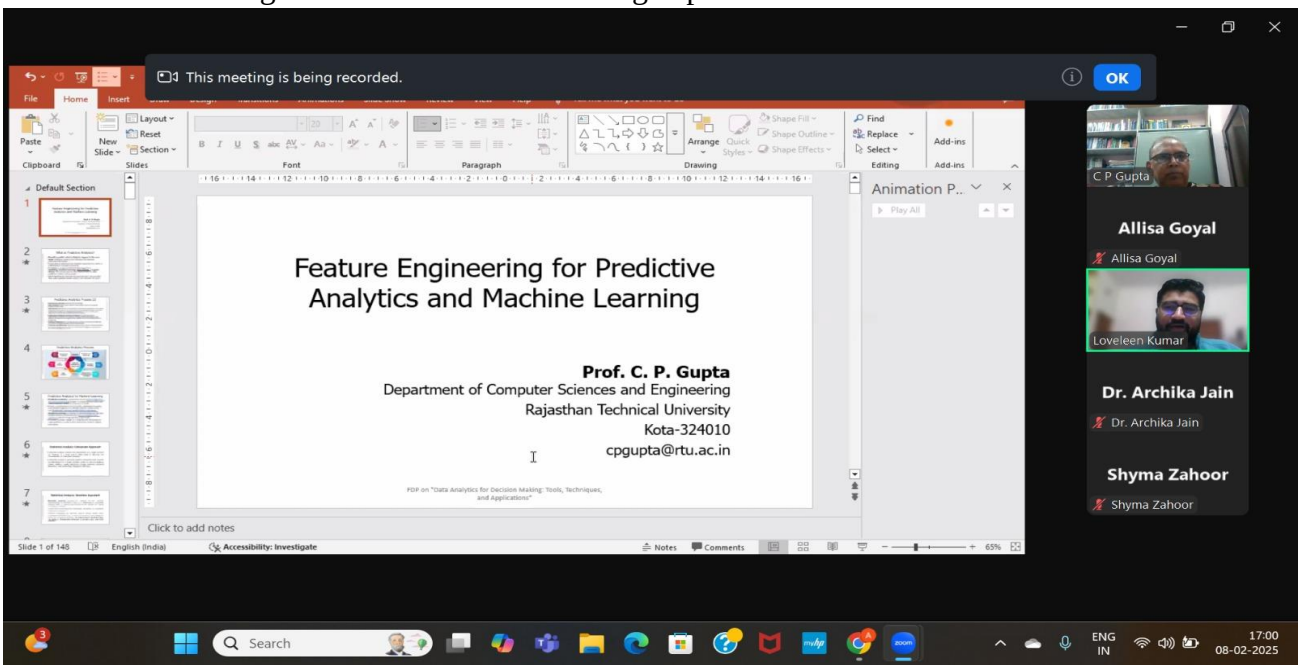
- The program provided a deep understanding of how **advanced AI techniques**, such as machine learning, deep learning, and predictive analytics, are transforming decision-making across industries**.**
- You've certainly inspired us to think ahead and consider the potential of AI in our work.

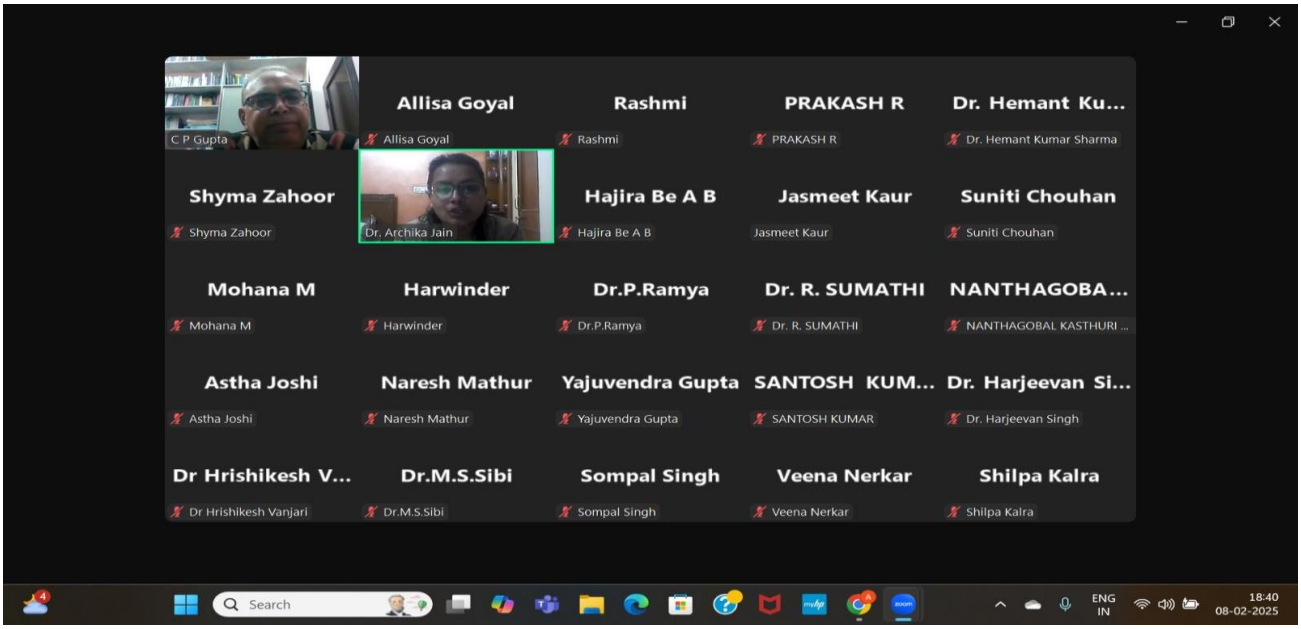


Session 13: (5:00-6:30 PM)

- The session was taken by **Dr. C.P. Gupta**, Professor at RTU.
- The topic for the session was **"Feature Engineering".**
- The program focused on **techniques to extract, transform, and optimize features** to improve model performance**.**

- The program covered various aspects of **feature engineering**, including:**Introduction to Feature Engineering** – Importance and impact on model performance**,Feature Extraction & Selection** – Techniques such as PCA, LDA, and autoencoders
- We extend our sincere gratitude to the esteemed speakers and organizers for their efforts in making this FDP a valuable learning experience





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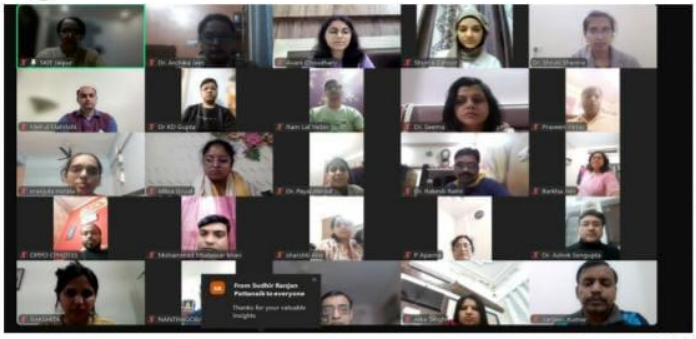
एसकेआईटी में हुआ फैकल्टी डेवलपमेंट प्रोग्राम का उद्घाटन

आयुष-अंतिमा नेटवर्क

जयपुर (श्रीराम इंदौरिया)। स्वामी केशवानंद फैकल्टी प्रोग्राम का इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड मैनेजमेंट ग्रामोत्थान में 03 फरवरी 2025 से एक सप्ताह के फैकल्टी डेवलपमेंट प्रोग्राम का उद्घाटन हुआ। यह ऑनलाइन फैकल्टी डेवलपमेंट प्रोग्राम AICTE अटल द्वारा प्रायोजित है और इसका विषय डेटा एनालिटिक्स फोर डिसिजिन मेकिंग टूल, तकनीक और अनुप्रयोग है। इस कार्यक्रम में विभिन्न संस्थानों से दो सौ नब्बे से अधिक फैकल्टी सदस्यों ने भाग लिया। यह कार्यक्रम 8 फरवरी तक चलेगा, जिसमें कई प्रोफेसर और उद्योग जगत के विशेषज्ञ सत्र लेंगे। संस्थान के संकाय प्रमुख प्रोफेसर मेहुल महर्षि ने कार्यक्रम का शुभारंभ किया और सभी



अतिथियों व प्रतिभागियों का स्वागत किया। पहले सत्र की वक्ता डॉ.मंजू खरी, प्रोफेसर, जेएनयू, दिल्ली थीं। उन्होंने डेटा साइंस के उपयोग के महत्व पर चर्चा की। इसके बाद दूसरे सत्र में डॉ. श्रुति शर्मा (वरिष्ठ शोधकर्ता, एजेओयू विश्वविद्यालय, दक्षिण कोरिया) ने आर्टिफिशियल इंटेलिजेंस और डेटा एनालिटिक्स के वर्तमान उपयोग पर प्रकाश डाला। कार्यक्रम के अंत में डॉ.नीलम चौधरी ने सभी अतिथियों और प्रतिभागियों को धन्यवाद ज्ञापित किया। कार्यक्रम का संचालन अलीशा गोयल और डॉ.अर्चिका जैन और राजेश रजान ने किया।

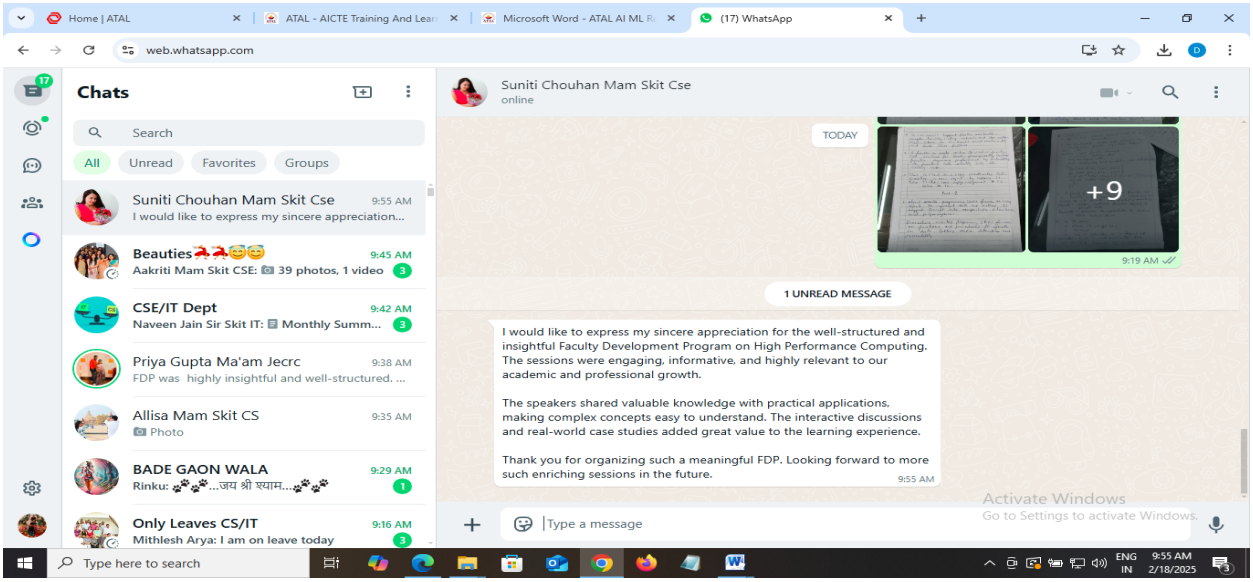
एसकेआईटी में ऑनलाइन फैकल्टी डिवेलपमेंट प्रोग्राम सफल समापन

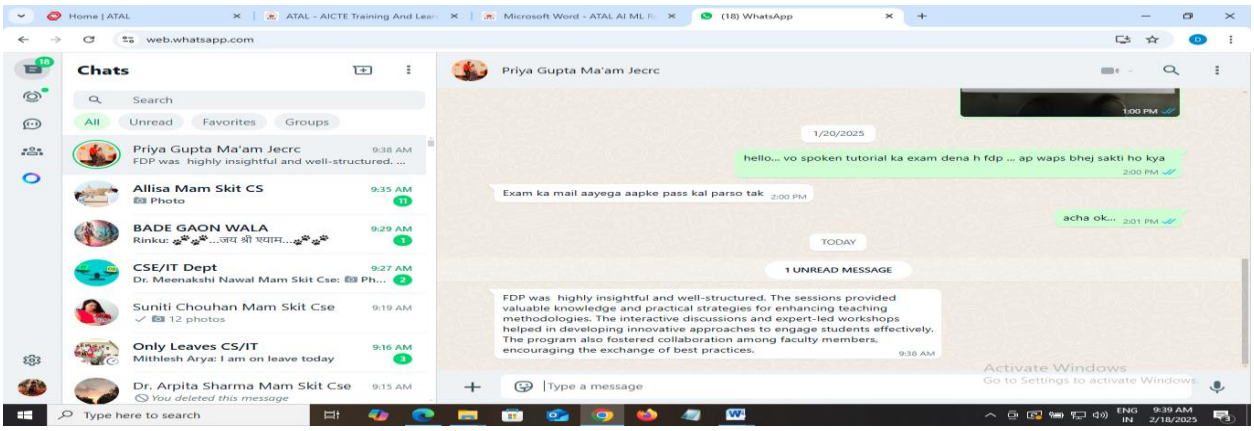
जयपुर। (आस-पास ब्यूरो) स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथान (एसकेआईटी) के कंप्यूटर साइंस एंड इंजीनियरिंग विभाग द्वारा आयोजित छह दिवसीय ऑनलाइन फैकल्टी डिवेलपमेंट प्रोग्राम (एफ.डी.पी) डेटा एनालिटिक्स फॉर डिसीजन मेकिंग: टूल्स, टेक्नीक्स और एप्लीकेशंस का आज सफलतापूर्वक समापन हुआ। इस एफडीपी का उद्देश्य शिक्षकों, शोधकर्ताओं और उद्योग जगत के विशेषज्ञों को डेटा एनालिटिक्स के नवीनतम टूल्स और तकनीकों से अवगत कराना था। कार्यक्रम के दौरान डेटा एनालिटिक्स, मशीन लर्निंग, आर्टिफिशियल इंटेलिजेंस, बिजनेस इंटेलिजेंस और उनके व्यावहारिक अनुप्रयोगों पर विशेषज्ञों ने अपने विचार साझा किए। इस अवसर पर विभाग के प्रमुख मेहुल महऋषि, फैकल्टी सदस्य और विभिन्न शिक्षण संस्थानों से जुड़े प्रतिभागी उपस्थित रहे। समापन समारोह में प्रतिभागियों ने कार्यक्रम की

सराहना करते हुए इसे अत्यंत ज्ञानवर्धक बताया। आयोजकों ने इस सफल आयोजन के लिए सभी को धन्यवाद दिया और भविष्य में ऐसे तकनीकी कार्यक्रमों के आयोजन की प्रतिबद्धता व्यक्त की।

कार्यक्रम के अंत में डॉक्टर अर्चिका जैन ने एफ.डी.पी समापन रिपोर्ट पड़ी और कार्यक्रम की सफलता पर सभी प्रतिभागियों और आयोजकों को बधाई दी गई। इस छह दिवसीय ऑनलाइन एफ डी.पी के मुख्य आयोजक प्रोफेसर मेहुल महऋषि, डॉ नीलम चौधरी, डॉक्टर अर्चिका जैन, अलिसा गोयल व राजेश रजान रहे।

Some of the feedback received for the FDP are as below





It was a great Initiative by ATAL Academy. I am thankful to AICTE for giving me this opportunity to conduct online FDP for faculty members of technical institute of India free of cost. I got huge response for registration as well as lots of compliment of arranging the online FDP, content and hands on.

-THANK YOU-