



D Y PATIL INTERNATIONAL UNIVERSITY

Akurdi, Pune, Maharashtra, India

Website: www.dypiu.com

(Established under Maharashtra Act No. LXIII of 2017)

PROGRAMME SUMMARY

Programme Title	Five-Day Online FDP on “Digital Tools and Emerging Technologies for Teaching and Learning”
Organized by	Centre for Skill Development in association with Internal Quality Assurance Cell (IQAC), DYPIU
Programme Type	Faculty Development Programme
Duration	15 Hours
Programme Date	21/07/2025 to 25/07/2025
Expert Details	<ol style="list-style-type: none">1. Dr. Vandna Srivastava, Assistant Professor, School of Interdisciplinary Studies and Research, D Y Patil International University, Pune2. Ms. Gayathri Shri, Creative Director, Agreal Studios, Chennai3. Mr. Ketan M Deore, Assistant Professor, School of Design, D Y Patil International University, Pune4. Dr. Utpal Barman, Associate Professor, Department of Information Technology, Assam Skill University, Guwahati5. Ms. Shruti Bir, Assistant Professor, School of Design, D Y Patil International University, Pune6. Mr. Ajay Kumar Srinivasan, Program Director, Hero Vired, New Delhi7. Dr. Neeraj Julka, Former Senior Software Engineer-R & D, Quark Software Inc, Mohali8. Dr. Divya Asija, Assistant Professor-III, Department of EEE, Amity University, Noida9. Dr. Santanu Modak, Associate Professor and Dean-Research, Bengal College of Engineering and Technology, Durgapur10. Dr. R. Rajkumar, Associate Professor, School of Computing, SRM Institute of Science & Technology, Kattankulathur
Mode	Online
Total Number of Participants	External Participants-65 Other DYP Participants-43 DYPIU Participants-76 Total Participants- 184



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Objectives	<ol style="list-style-type: none">1. To enhance faculty competence in using open-source digital tools for content creation, delivery, and learner engagement.2. To familiarize educators with modern pedagogical approaches such as microlearning, flipped classrooms, gamification, and collaborative learning.3. To equip faculty with skills for creating and managing interactive digital learning environments, including LMS, virtual labs, and AR/VR tools.4. To introduce assessment and evaluation methods suited for online and blended education, using tools for analytics, feedback, and digital credentialing.5. To promote the integration of emerging technologies such as Artificial Intelligence and digital portfolios into effective, learner-centered teaching practices.
Learning Outcomes	<ol style="list-style-type: none">1. Participants gained practical skills in using open tools for screen recording, video editing, and interactive content creation.2. They successfully designed and delivered engaging lessons using techniques such as flipped classrooms, microlearning, and game-based learning.3. Participants explored and applied digital platforms for collaborative teaching, virtual simulations, and learning analytics.4. They implemented online assessment tools and designed strategies for continuous evaluation and learner feedback.5. Participants developed and curated digital credentials, badges, and e-portfolios to support competency-based learning outcomes.



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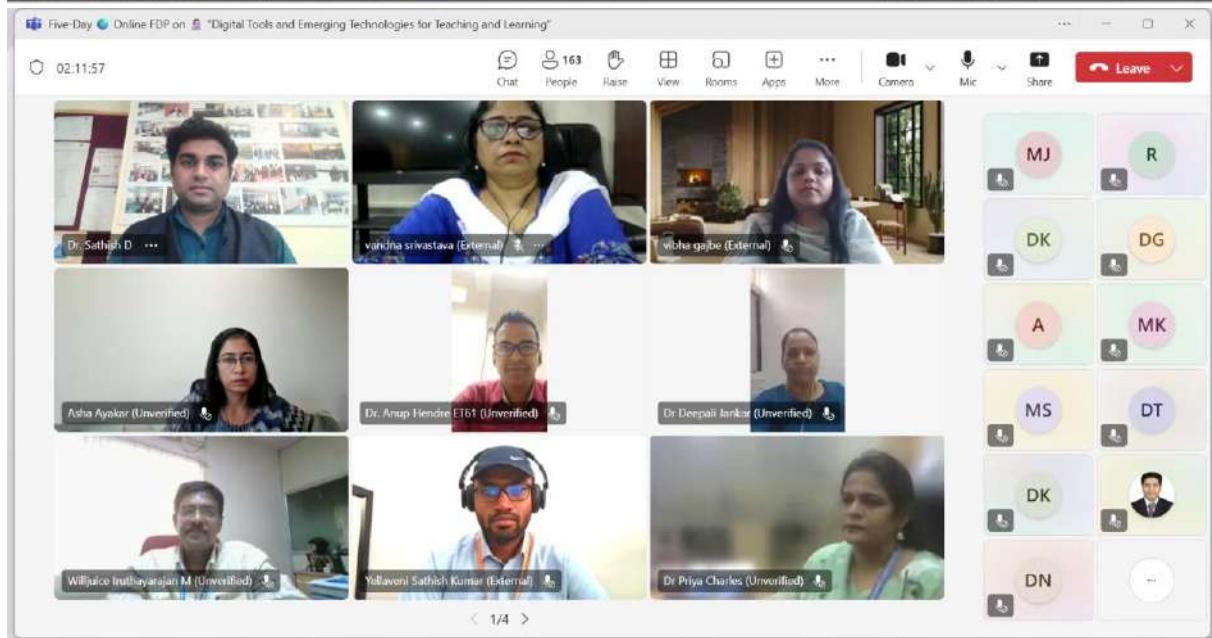
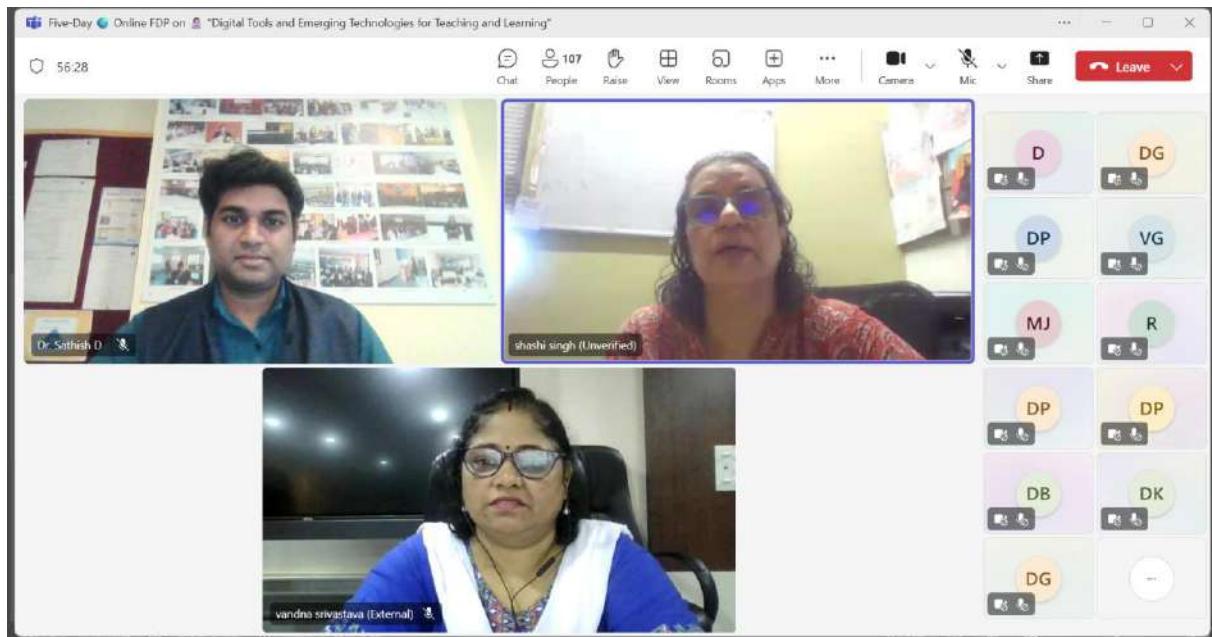
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PHOTOGRAPHS

Programme Title	Five-Day Online FDP on “Digital Tools and Emerging Technologies for Teaching and Learning”
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Three screenshots of a video conference interface showing a presentation and a 3D model.

Screenshot 1: A video call interface showing a woman speaking. The interface includes a participant list on the right with initials and profile pictures. The video feed shows a modern interior with large windows and orange furniture.

Screenshot 2: A video call interface showing a 3D modeling software (Blender) window. The 3D view shows a large gray sphere on a grassy field. The software interface includes a properties panel and a camera view.

Screenshot 3: A video conference interface showing multiple participants in a grid. The participants are: Gayethri Mohan (Unverified), Mandoloni Kshirsagar (External), Dr. Anitha Ranianna (Unverified), Dr. Nilima Shinde (Unverified), Omkar Lele (External), Vibha Gaikwad (External), Basma Borkhati (Unverified), Vallavan Sathish Kumar (External), and Dr. Arup Hora ET61 (Unverified). The interface includes a participant list on the right.



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Open-Source Tools for Screen Recording

- 1. **OBS Studio** (Windows, macOS, Linux)
Type: Free & Open Source
Best for: High-quality screen recording and streaming
Website: <https://obsproject.com>
- 2. **ShareX** (Windows only)
Type: Free & Open Source
Best for: Lightweight screen recording with automation
Website: <https://getsharex.com>
- 3. **ScreenRec*** (Windows, Linux)
Best for: Quick video + mic capture (with cloud sharing)
Website: <https://screenrec.com>

Ketan M Deore (Unverified) ...

01:20:26

Chat People 139 Raise View Rooms Apps More Camera Mic Share Leave

Ketan M Deore (Unverified) ...

01:59:52

Chat People 150 Raise View Rooms Apps More Camera Mic Share Leave

Dr. Sathish D Ketan M Deore (Unverified) ... Ms. Keyoni Shah (Unverified) ...

Dr. Deepali Sardhiv Jaison ET46 (Unverified) ... ET44 (Unverified) ... AZIZ (Unverified) ...

Dr. Sankha Jadhav (External) ... Rashmi Hulali (External) ... Laxmaya Jadhav ET53 (Unverified) ...

DK MJ RG MP DD

DK MP NK MJ DP DS DW

1/3 >

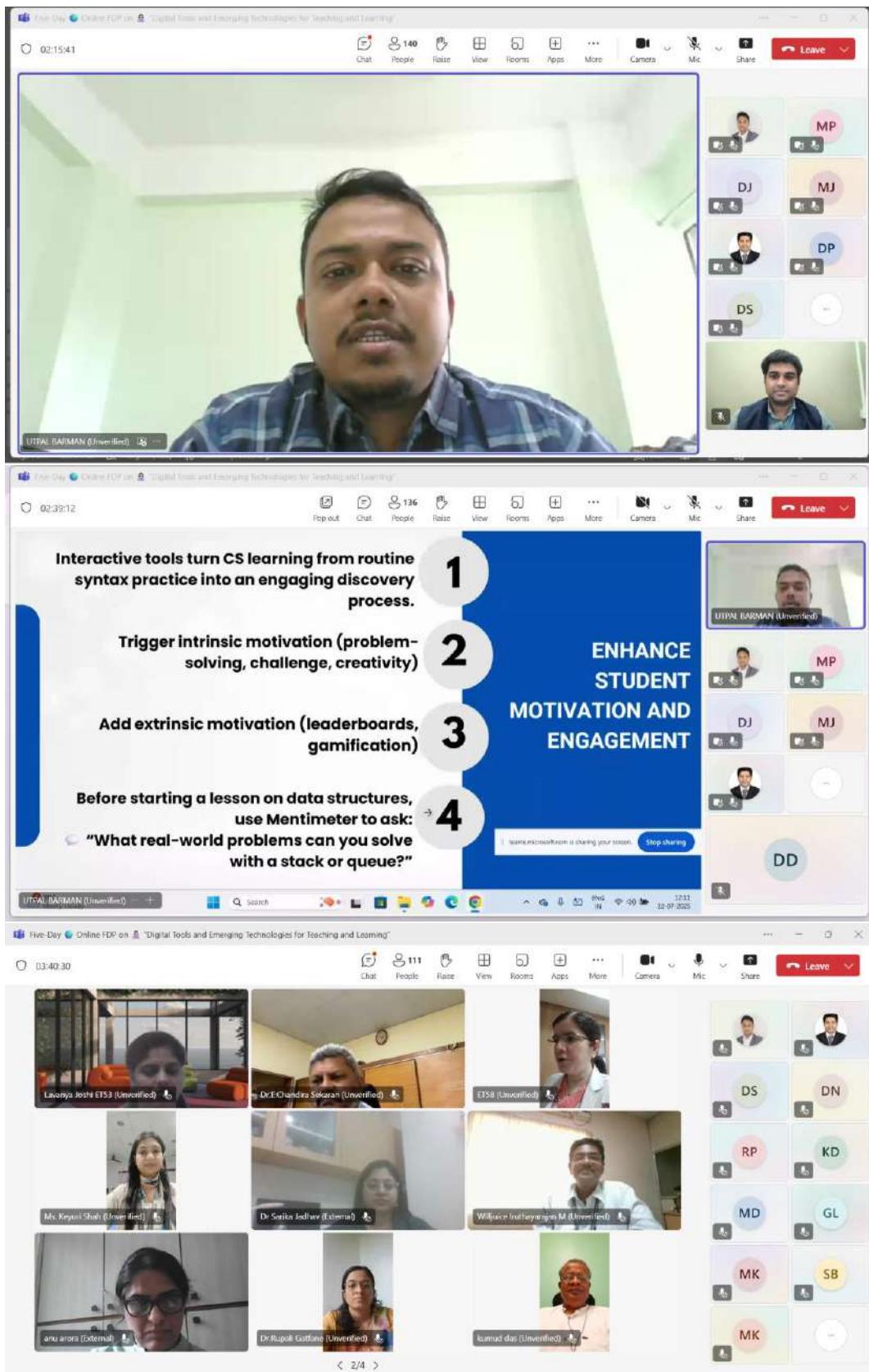


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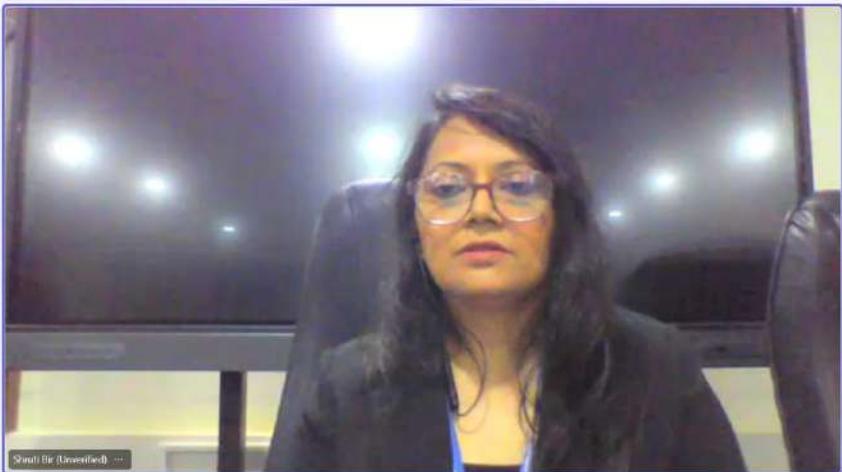
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Five-Day Online FDP on "Digital Tools and Emerging Technologies for Teaching and Learning".

01:52:09 Chat People Raise View Rooms Apps More Camera Mic Share Leave



Shubh Bo (Unverified) ...

Five-Day Online FDP on "Digital Tools and Emerging Technologies for Teaching and Learning".

01:28:15 Chat People Raise View Rooms Apps More Camera Mic Share Leave



Shubh Bo (Unverified) ...

app.napkinlive.page/Cg0rCHybzQtb25EiwKfBfhZJiaDVZTAInsqQWfIzJyNGH25z5NTQ3UJEThOWNzW2NA

Library + New Napkin Foundations of Successful Gamification

- Meaningful Elements
- Clear Feedback
- Fun Experience
- Fast and Tuned
- Reinforcement
- Shared Competition

Knowledge Understanding

Player Motivation

Player Identity

Player Skills

Player Progress

Conclusion

Shubh Bo (Unverified) ...

03:19:15 Chat People Raise View Rooms Apps More Camera Mic Share Leave



Ajay Kumar (Unverified) ...

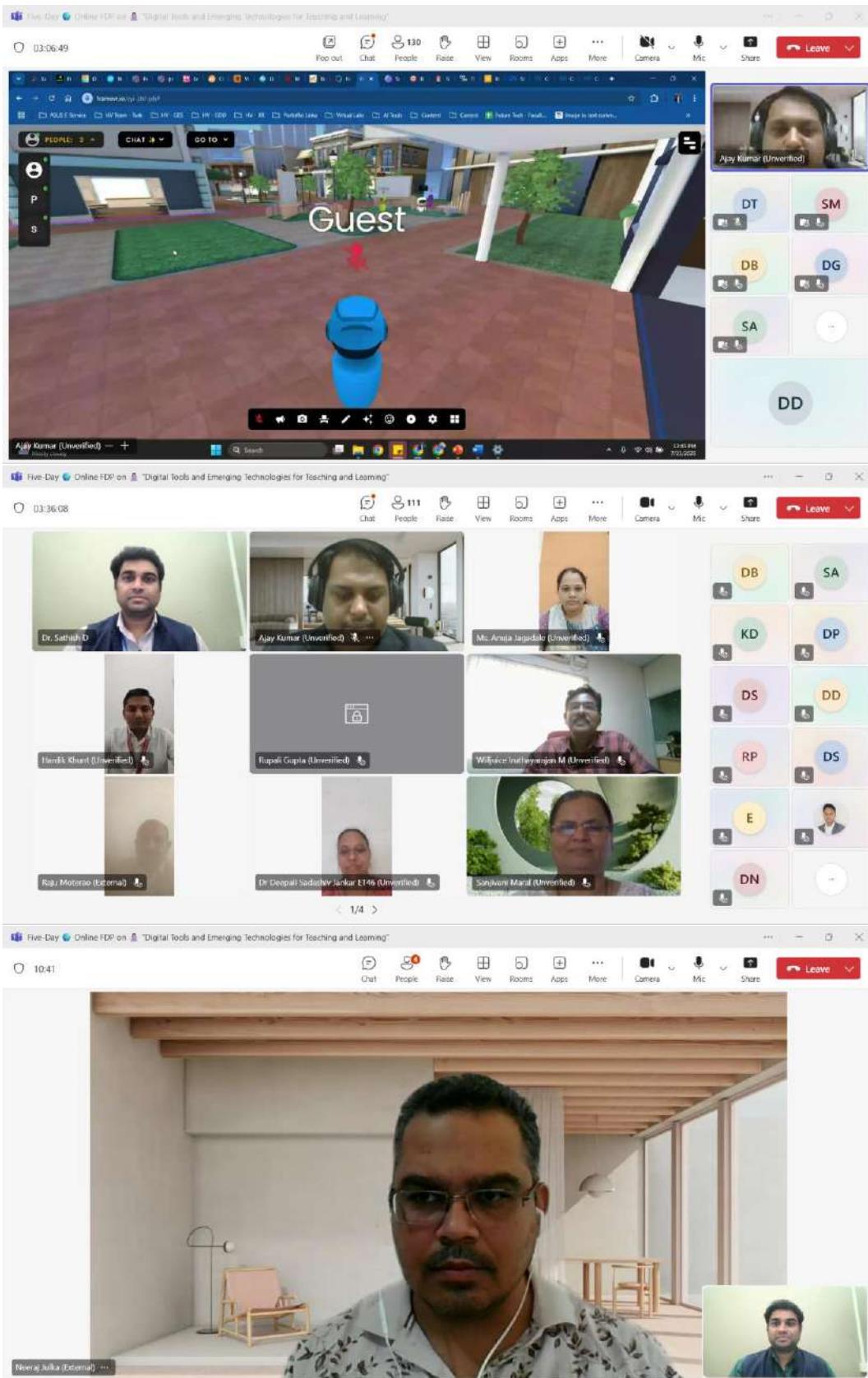


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The image consists of three vertically stacked screenshots from a Microsoft Teams meeting. Each screenshot shows a digital whiteboard on the right and a grid of participant video feeds on the left.

- Screenshot 1:** The whiteboard displays a 'General' section with a sub-section titled 'Smash & Document on Artificial Intelligence'. Below this, there are three sections: 'Understanding Artificial Intelligence: An Overview', 'Core Technologies Behind AI', and 'Key Applications of AI Today'. The 'Key Applications of AI Today' section lists: Document AI (automating extraction, classification, and processing of documents), AI for Business Intelligence, Image and Video Processing (e.g., facial detection, image captioning, video recognition, and analysis), Natural Language Processing (e.g., text analysis, sentiment analysis, and machine translation), and Healthcare (e.g., diagnostics and personalized medicine). The whiteboard interface includes a 'Cancel' button, a 'Generate outline' button, and a '9 boards total' indicator. The participant grid shows nine users, with the first user, 'Neeraj Julta (Unverified)', highlighted in a yellow box.
- Screenshot 2:** The whiteboard is not visible in this screenshot. The participant grid shows nine users: Asha Ayakar (Unverified), Dr. Chandru Sekaran (Unverified), Dr. Rupali Garfane (Unverified), Savellis P (External), Mani Banchon Kanthi (Unverified), Dr. Anitha (Unverified), Rupali Gupta (Unverified), Dr. Gajswid Pratik Subhash (Unverified), and Lavanya Joshi ET53 (Unverified). The participant 'Rupali Gupta (Unverified)' is highlighted in a yellow box.
- Screenshot 3:** The whiteboard is not visible in this screenshot. The participant grid shows nine users: Dr. Nirmala Shiksha (Unverified), Sri Gayathri Vedula (External), vibha gabe (External), Reena Deshmukh (Unverified), Chendura S (Unverified), Dr. Deepali Sachdev Jankar (ET56 (Unverified)), raghav (Unverified), and Mayara Mianore (External). The participant 'Dr. Deepali Sachdev Jankar (ET56 (Unverified))' is highlighted in a yellow box.

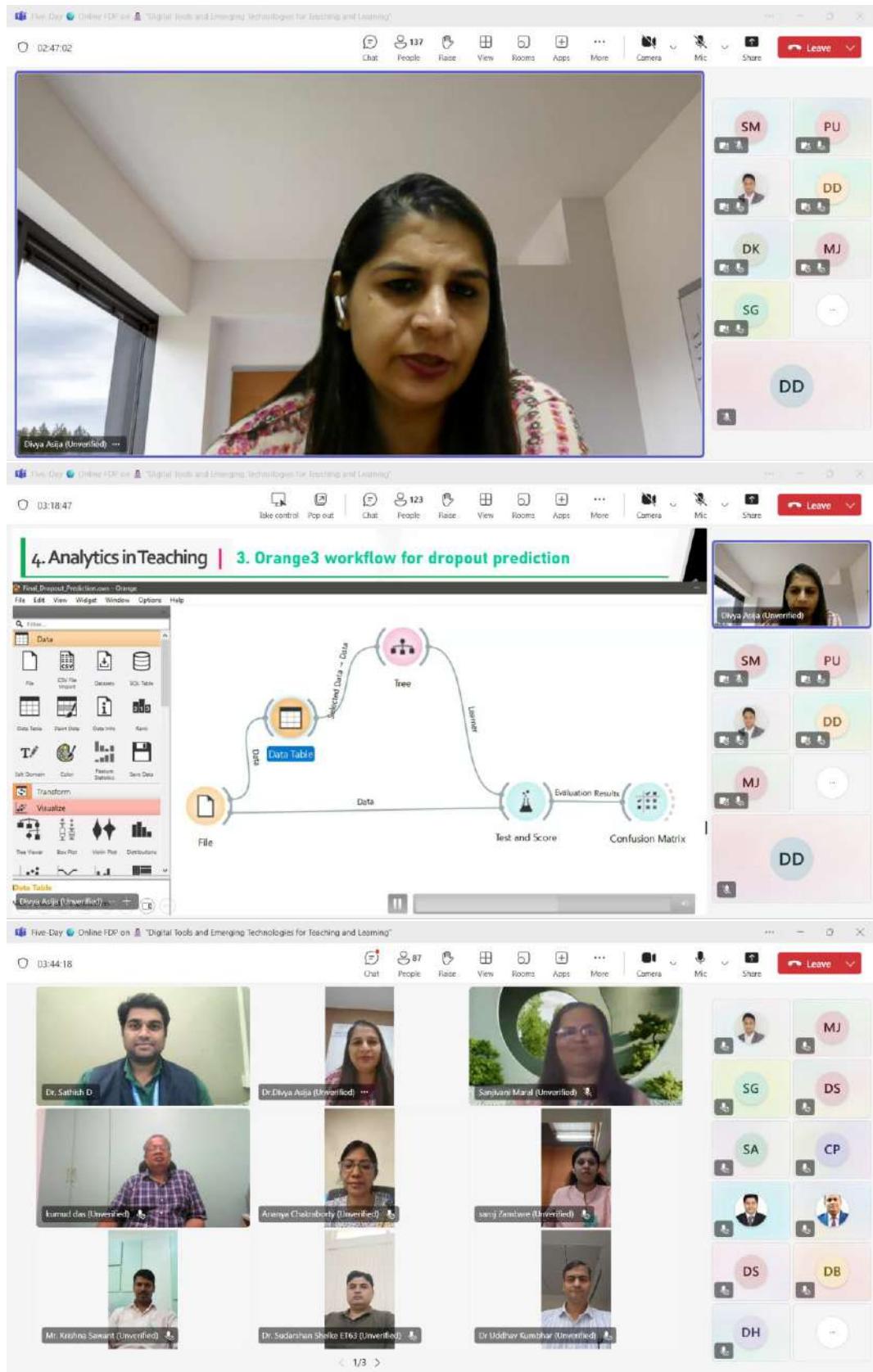


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01:30:46 Chat People Raise View Rooms Apps More Camera Mic Share Leave



01:41:18 Chat People Raise View Rooms Apps More Camera Mic Share Leave

Five-Day Online FDP on "Digital Tools and Emerging Technologies for Teaching and Learning"

01:41:18 Chat People Raise View Rooms Apps More Camera Mic Share Leave

WAVGROUND Activity Status

Correct Incorrect Partially correct Ungraded Unattempted/Timed out Show time taken Email all parents

Names	Score	Accuracy	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1. Lavanya	1100	55% (1 / 20 pts)	!	!	!	!	!	!	!	!	!	!
2. Utk	1070	55% (1 / 20 pts)	!	!	!	!	!	!	!	!	!	!
3. Disha	7750	45% (9 / 20 pts)	!	!	!	!	!	!	!	!	!	!
4. Yashwant Sath...	7100	40% (8 / 20 pts)	!	!	!	!	!	!	!	!	!	!
5. Rupali Gupta	6700	40% (8 / 20 pts)	!	!	!	!	!	!	!	!	!	!
6. Taj	6350	35% (7 / 20 pts)	!	!	!	!	!	!	!	!	!	!
7. Ananya Chok...	6220	35% (7 / 20 pts)	!	!	!	!	!	!	!	!	!	!
8. Dharmendra A. Dhu...	5900	35% (7 / 20 pts)	!	!	!	!	!	!	!	!	!	!
9. Dr. Chanchal Se...	5400	30% (6 / 20 pts)	!	!	!	!	!	!	!	!	!	!
10. Santanu Modak (Unverified)	5000	30% (6 / 20 pts)	!	!	!	!	!	!	!	!	!	!

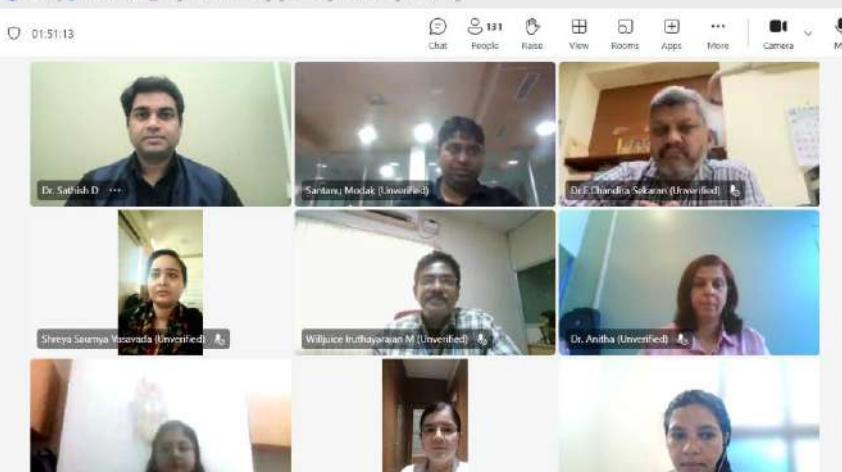
11:22 AM 7/26/2025

Microsoft is sharing your screen. Stop sharing

Santanu Modak (Unverified) + Search

Five-Day Online FDP on "Digital Tools and Emerging Technologies for Teaching and Learning"

01:51:13 Chat People Raise View Rooms Apps More Camera Mic Share Leave





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