Report
Faculty Development Program
on
Technology Enabled Teaching Learning & Digital Pedagogy

Date: 21/09/2026 to 25/09/2026 (Online)

Organized By	AIU – GMIU - AADC Gyanmanjari Innovative University (Arts, Commerce & Management Cluster)
Duration	21st to 25th September 2026 (5 Days)
Mode	Online
No. of Sessions	10 (2 Sessions per Day)
No. of Participant	90
FDP Committee	**Patron** Dr. Pankaj Mittal Secretary General, Association of Indian Universities, New Delhi **AIU Convenor** Dr. Ranjana Parihar Joint Secretary, Association of Indian Universities, New Delhi **Nodal Officer- AIU-GMIU-AADC** Prof. Amit Maru Academic Director, Gyanmanjari Innovative University, Bhavnagar
FDP Co-Ordinator	**Dr. Chirag Vyas** Director, Gyanmanjari Innovative University, **Dr. Niyati Patel** IC Principal, Gyanmanjari Innovative University,

Introduction

The AIU – GMIU Academic & Administrative Development Cell (Arts, Commerce & Management Cluster) organized a Five-Day online Faculty Development Program (FDP) on "Technology Enabled Teaching Learning & Digital Pedagogy" from 21st to 25th September 2026. The program was designed to equip faculty members with the knowledge and skills required to integrate technology effectively into teaching, learning, and assessment practices. Ten sessions were conducted over five days, with two sessions each day delivered by eminent academicians and industry experts from various institutions.

Objectives of the Program

- To sensitize faculty members to emerging trends shaping the future of higher education.
- To build faculty capacity in technology-enabled teaching methodologies and digital pedagogy.
- To familiarize participants with NEP 2020 provisions related to technology integration.
- To introduce blended learning, flipped classroom, and active learning strategies.
- To orient faculty towards AI tools, virtual labs, simulations, and learning analytics for improved teaching outcomes.
- To equip participants with practical exposure to Learning Management Systems such as Moodle, Google Classroom, and Canvas.

Acknowledgement

We sincerely acknowledge and extend our gratitude to the Association of Indian Universities (AIU) for its valuable collaboration and support in successfully organizing the five-day Faculty Development Program. The collaboration with AIU significantly contributed to the academic relevance, credibility, and overall effectiveness of the program. We appreciate AIU's continued commitment towards promoting academic excellence, professional development, and capacity building among faculty members. The support and association provided a meaningful platform for knowledge sharing, scholarly engagement, and professional learning among the participating faculty members.

Day-wise Session Schedule

Day & Session	Date	Time	Topic	Resource Person	Affiliation
Day 1 - Session 1	21/09/2026	2:00 - 3:30 PM	Future of Higher Education and Digital Transformation	Dr. Chirag Vyas	Gyanmanjari Innovative University
Day 1 - Session 2	21/09/2026	4:00 - 5:30 PM	NEP 2020 and Technology Integration	Prof. (Dr.) Vilas V. Kulkarni	Sardar Patel University, Vallabh Vidyanagar
Day 2 - Session 1	22/09/2026	2:00 - 3:30 PM	Blended Learning and Flipped Classroom	Prof. (Dr.) Mamta Brahmbhatt	B.K. School of Professional & Management Studies, Gujarat University
Day 2 - Session 2	22/09/2026	4:00 - 5:30 PM	Active Learning Strategies Using Technology	Dr. Anupama Chirag Dave	School of Business & Law, Navrachana University
Day 3 - Session 1	23/09/2026	2:00 - 3:30 PM	AI Tools for Teaching and Lesson Planning	Dr. Dhaval Mehta	Navrachana University
Day 3 - Session 2	23/09/2026	4:00 - 5:30 PM	Presentation of Course Redesign Projects	Dr. Shriya Tripathi	Navrachana University
Day 4 - Session 1	24/09/2026	2:00 - 3:30 PM	Virtual Labs, Simulations and Digital Learning Platforms	Dr. Pramod Modi	Faculty of Technology & Engineering, The M.S. University of Baroda
Day 4 - Session 2	24/09/2026	4:00 - 5:30 PM	Learning Analytics for Academic Improvement	Dr. Sameer Rohadia	Hanover Re, Germany
Day 5 - Session 1	25/09/2026	2:00 - 3:30 PM	Designing Technology-Integrated Courses	Prof. Nilam Panchal	B.K. School of Business Management, Gujarat University
Day 5 - Session 2	25/09/2026	4:00 - 5:30 PM	LMS (Moodle, Google Classroom, Canvas) Applications	Dr. Dhaval Mehta	Gujarat University

Session Details

Day 1 – Session 1: Future of Higher Education and Digital Transformation

Resource Person: Dr. Chirag Vyas, Director (Management, Commerce, Liberal Studies), Gyanmanjari Innovative University

Date & Time: 21/09/2026, 2:00 PM – 3:30 PM

Key points discussed:

- Emerging national and global trends reshaping higher education, including flexible, multidisciplinary and learner-centric models.
- Role of digital transformation in curriculum delivery, institutional administration and student engagement.
- Changing role of the teacher from information provider to facilitator, mentor and learning designer.
- Need for institutional digital readiness and continuous faculty upskilling.

Day 1 – Session 2: NEP 2020 and Technology Integration

Resource Person: Prof. (Dr.) Vilas Vasantrao Kulkarni, Professor, Post Graduate Department of Business Management, Sardar Patel University, Vallabh Vidyanagar

Date & Time: 21/09/2026, 4:00 PM – 5:30 PM

Key points discussed:

- Technology-related provisions of NEP 2020, including use of digital platforms, e-content and blended modes of learning.
- Technology as an enabler of flexible curricula, multidisciplinary learning and credit mobility.
- Whether an LMS is a true learning environment or merely a “digital cupboard”, illustrated with Moodle features such as course organization, assignments, quizzes, forums, feedback and completion tracking.
- Use of H5P to create interactive content such as interactive videos, branching scenarios, drag-and-drop activities and quizzes with immediate feedback.
- Blended and flipped learning within an open-source digital ecosystem, and the challenges of implementation.

Day 2 – Session 1: Blended Learning and Flipped Classroom

Resource Person: Prof. (Dr.) Mamta Brahmbhatt, Professor, B.K. School of Professional and Management Studies, Gujarat University, Ahmedabad

Date & Time: 22/09/2026, 2:00 PM – 3:30 PM

Key points discussed:

- Concept and models of blended learning that combine online and face-to-face instruction.
- Flipped classroom approach: pre-class content, in-class application and discussion.
- Planning content, activities and assessment for flipped sessions.
- Common challenges such as learner motivation and accountability, and ways to address them.

Day 2 – Session 2: Active Learning Strategies Using Technology

Resource Person: Dr. Anupama Chirag Dave, Associate Professor and Program Chair BBA, School of Business & Law, Navrachana University

Date & Time: 22/09/2026, 4:00 PM – 5:30 PM

Key points discussed:

- Meaning and benefits of active learning compared with passive lecture-based teaching.
- Technology-supported techniques such as live polls, quizzes, collaborative documents, discussion boards and gamification.
- Live demonstration of AI-based teacher tools such as Magic School, including a YouTube video summarizer that produces summaries of a chosen length from a transcript.
- Aligning activities with learning outcomes and monitoring student engagement.

Day 3 – Session 1: AI Tools for Teaching and Lesson Planning

Resource Person: Dr. Dhaval Mehta, Head of Computer Science and Engineering Programs, Navrachana University

Date & Time: 23/09/2026, 2:00 PM – 3:30 PM

Key points discussed:

- Overview of generative AI tools that can support teaching preparation.
- Using AI to draft lesson plans, question banks, rubrics and content summaries.
- Tips for writing effective prompts for educational tasks.
- Ethical use of AI, verification of accuracy, data privacy and academic integrity.

Day 3 – Session 2: Presentation of Course Redesign Projects

Resource Person: Dr. Shriya Tripathi, Head of Computer Science and Engineering Programs, Navrachana University

Date & Time: 23/09/2026, 4:00 PM – 5:30 PM

Key points discussed:

- Presentation of course redesign projects applying concepts learnt in the earlier sessions.
- Mapping of course outcomes (CO) to program outcomes (PO), illustrated with a BBA course, Principles of Marketing, and a CO–PO matrix.
- Expert feedback on alignment of learning outcomes, teaching activities and assessment.
- Sharing of ideas on integrating digital tools and learner-centric methods into existing courses.
- Way forward for implementing the redesigned courses in the classroom.

Day 4 – Session 1: Virtual Labs, Simulations and Digital Learning Platforms

Resource Person: Dr. Pramod Modi, Associate Professor, Faculty of Technology and Engineering, The M.S. University of Baroda, Vadodara

Date & Time: 24/09/2026, 2:00 PM – 3:30 PM

Key points discussed:

- Use of virtual labs and simulations to complement practical learning and widen access to experiments.
- Open and government-supported digital learning platforms available to faculty and students.
- Selecting and integrating suitable platforms into course design.
- Benefits and limitations of virtual learning environments compared with hands-on practice.

Day 4 – Session 2: Learning Analytics for Academic Improvement

Resource Person: Dr. Sameer Rohadia, Business Intelligence Developer for Mobile App Development, Hanover Re, Germany

Date & Time: 24/09/2026, 4:00 PM – 5:30 PM

Key points discussed:

- Concept of learning analytics and the types of educational data generated on digital platforms.
- Overview of leading analytics and business intelligence platforms, with reference to Gartner's Magic Quadrant comparison for 2022 and 2023.
- Using attendance, participation and assessment data to understand learner performance.
- Dashboards and insights for identifying at-risk learners and offering timely support.
- Data privacy and ethical considerations when using learner data to improve courses.

Day 5 – Session 1: Designing Technology-Integrated Courses

Resource Person: Prof. Nilam Panchal, Professor, B.K. School of Business Management, Gujarat University

Date & Time: 25/09/2026, 2:00 PM – 3:30 PM

Key points discussed:

- Definition of digital pedagogy as teaching and learning deliberately shaped by digital tools, platforms and data, built on four elements: design, interaction, assessment and access.
- Principles of course design starting from learning outcomes, assessment and activities.
- Choosing suitable digital tools and resources for each learning outcome.
- Structuring modules, content and assessment for online and blended courses.
- Reviewing and continuously improving technology-integrated courses.

Day 5 – Session 2: LMS (Moodle, Google Classroom, Canvas) Applications

Resource Person: Dr. Dhaval Mehta, Assistant Professor, Gujarat University

Date & Time: 25/09/2026, 4:00 PM – 5:30 PM

Key points discussed:

- Overview and comparison of Moodle, Google Classroom and Canvas.
- Creating courses, enrolling learners, and sharing content, assignments and quizzes.
- Tracking progress, grading and communication features available in an LMS.
- Choosing an LMS that suits institutional and course requirements.

Faculty Participation

The program received 90 registrations from faculty members of Gyanmanjari Innovative University and various other universities and institutions across India. Participants engaged with the resource persons through interactive discussions and Q&A segments in each session, relating the concepts discussed to their own teaching practices and subject areas. The list of registered participants is provided in the Annexure.

Learning Outcomes

At the end of the program, participants were able to:

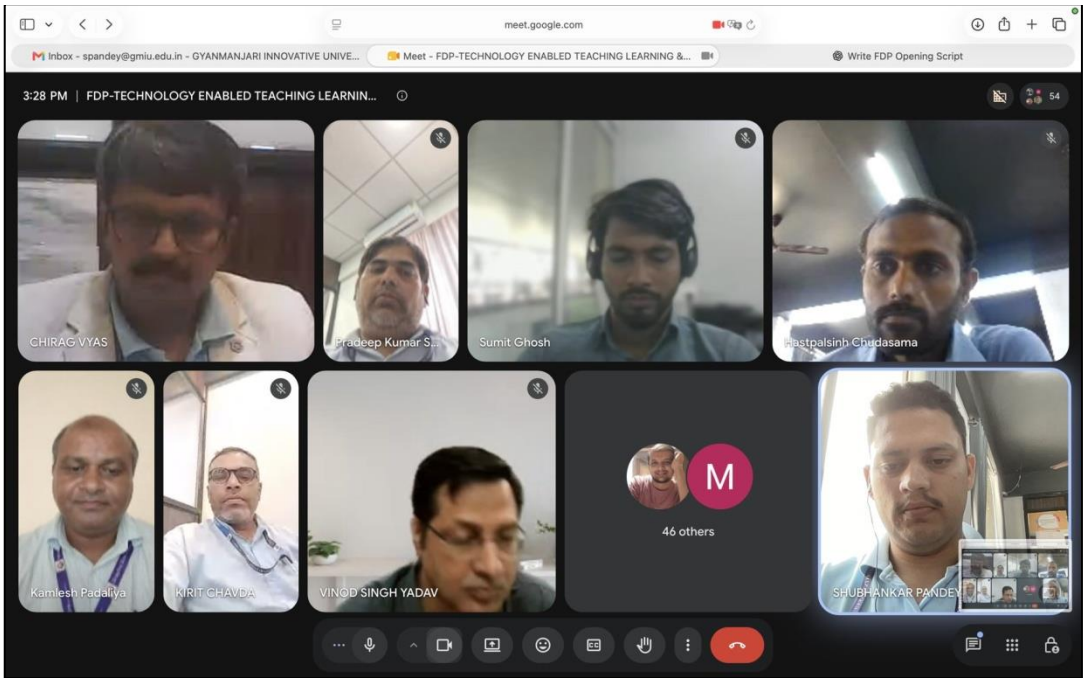
- Understand emerging trends and policy directions shaping the future of higher education.
- Apply blended learning, flipped classroom, and active learning strategies in their classrooms.
- Use AI tools, virtual labs, and digital platforms to enhance teaching and lesson planning.
- Interpret learning analytics to improve academic outcomes.
- Design technology-integrated courses and operate Learning Management Systems effectively.

Conclusion

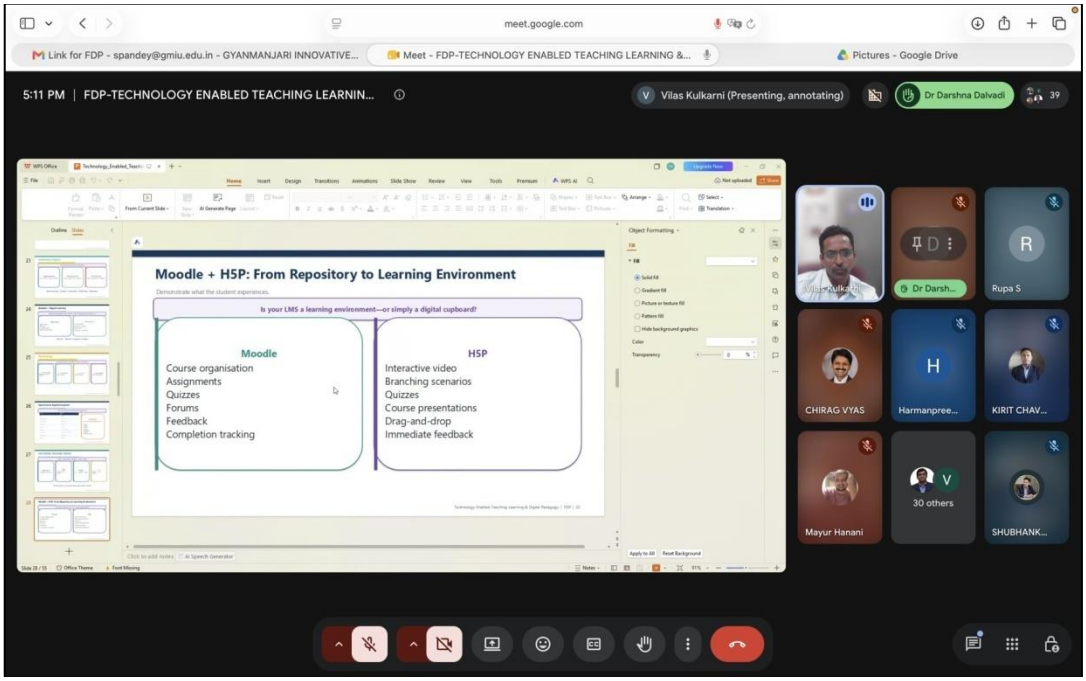
The Five-Day Faculty Development Program on **"Technology Enabled Teaching Learning & Digital Pedagogy"** was highly informative and beneficial for the participating faculty members. Across ten sessions, the program provided comprehensive exposure to digital pedagogy, technology-enabled teaching strategies, and practical tools for classroom and course-level implementation.

The organizers extend their sincere gratitude to all the resource persons for sharing their knowledge, experience, and professional guidance. Their contributions played a significant role in enriching the faculty members' understanding of digital transformation and inspiring them to adopt technology-enabled teaching practices.

Photographs



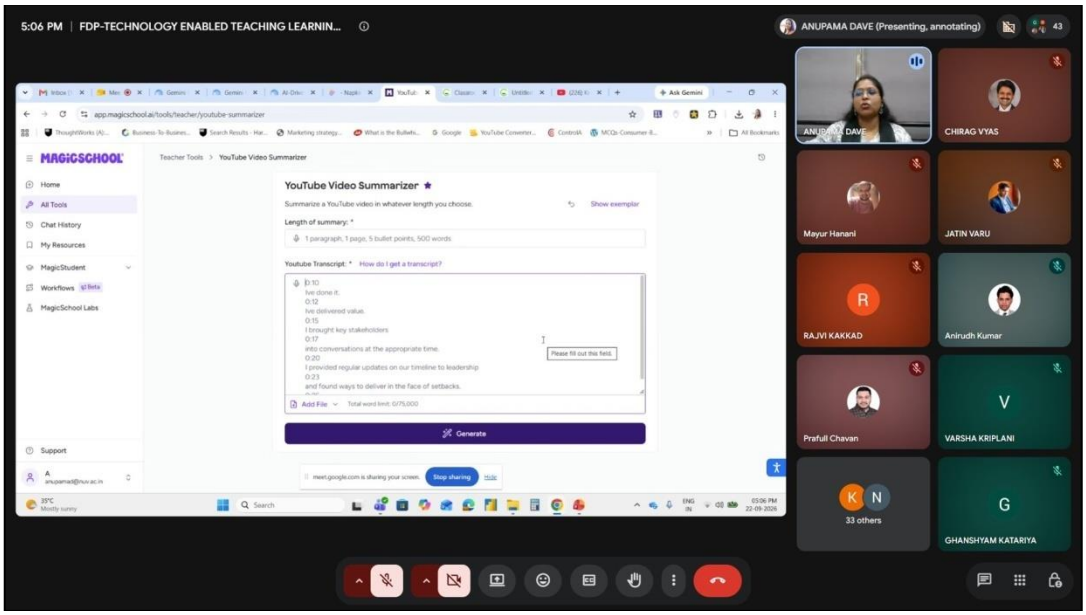
Day 1 – Session 1: Future of Higher Education and Digital Transformation
Resource Person: Dr. Chirag Vyas



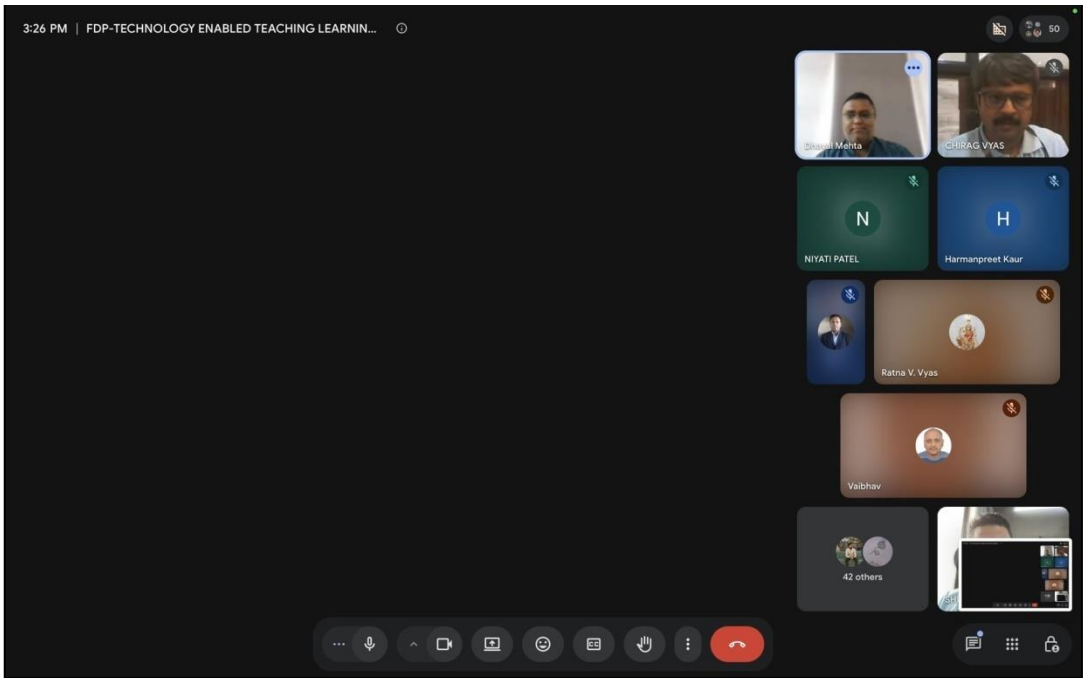
Day 1 – Session 2: NEP 2020 and Technology Integration
Resource Person: Prof. (Dr.) Vilas Vasantrao Kulkarni



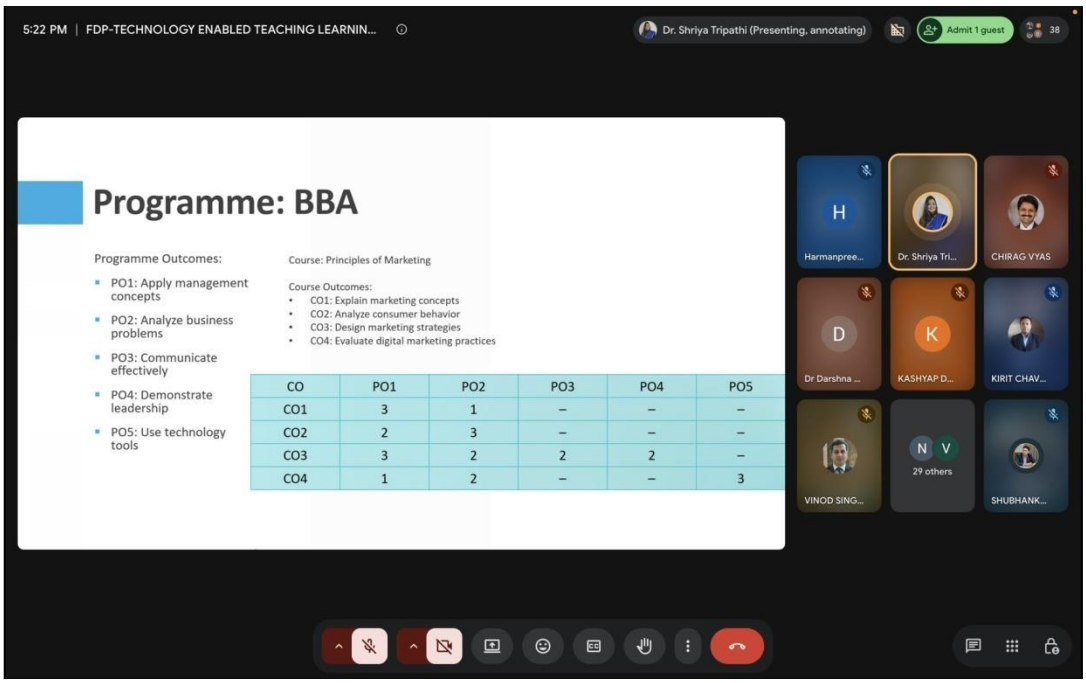
Day 2 – Session 1: Blended Learning and Flipped Classroom
Resource Person: Prof. (Dr.) Mamta Brahmbhatt



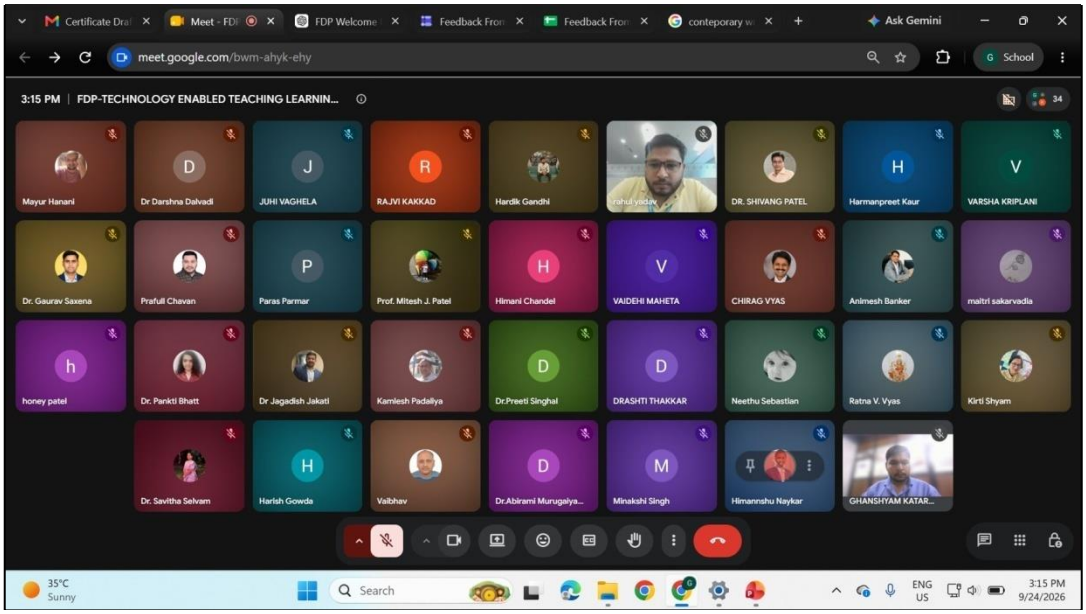
Day 2 – Session 2: Active Learning Strategies Using Technology
Resource Person: Dr. Anupama Chirag Dave



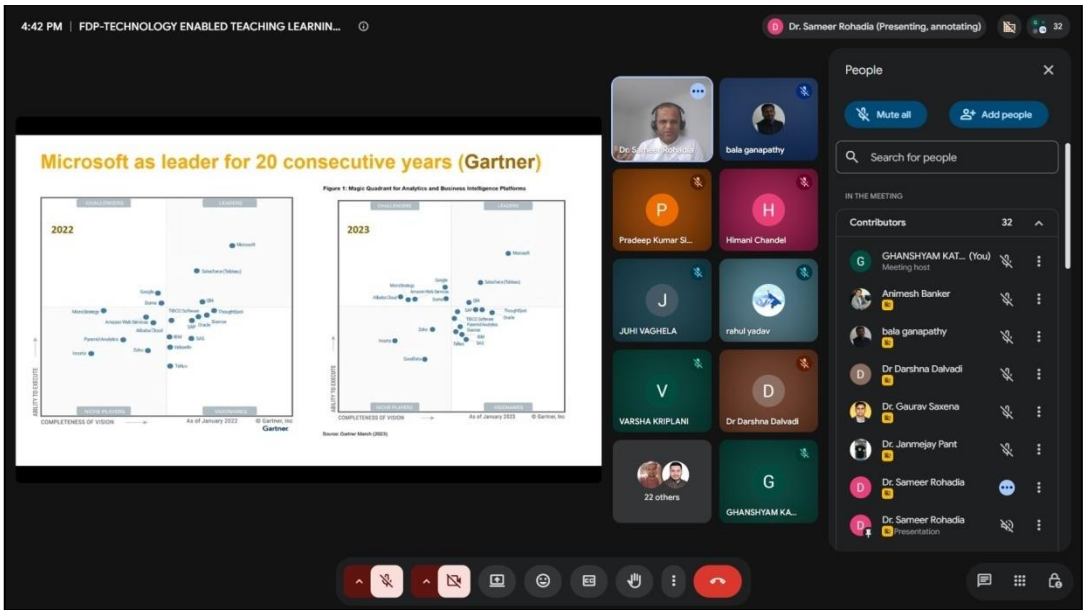
Day 3 – Session 1: AI Tools for Teaching and Lesson Planning
Resource Person: Dr. Dhaval Mehta



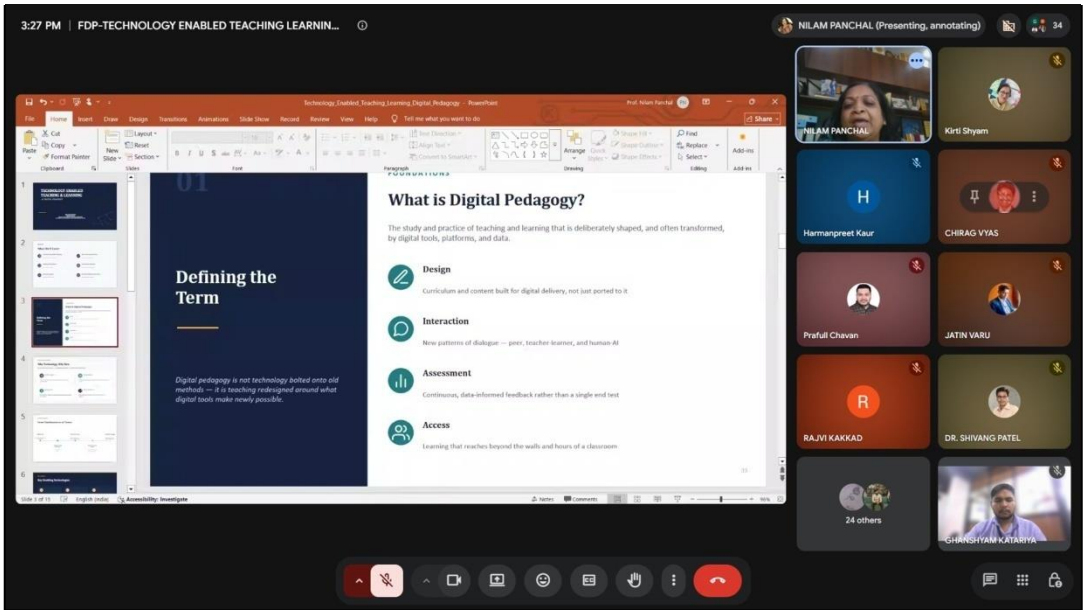
Day 3 – Session 2: Presentation of Course Redesign Projects
Resource Person: Dr. Shriya Tripathi



Day 4 – Session 1: Virtual Labs, Simulations and Digital Learning Platforms
Resource Person: Dr. Pramod Modi



Day 4 – Session 2: Learning Analytics for Academic Improvement
Resource Person: Dr. Sameer Rohadia



Day 5 – Session 1: Designing Technology-Integrated Courses
Resource Person: Prof. Nilam Panchal



Day 5 – Session 2: LMS (Moodle, Google Classroom, Canvas) Applications
Resource Person: Dr. Dhaval Mehta

Annexure: List of Registered Participants

Total registered participants: 90

Sr. No.	Name	Designation	Affiliation (Institute / University)
1	Ritu andhariya	Teaching assistant	Gyanmajari innovative University
2	Snehal Vikrambhai Vaghela	Assistant Professor	Department of Business Intelligence, BKSMPS, Gujarat University
3	Prof. (Dr.) CA. Haresh Kothari	Group Director / Director General (Former)	The Group of Parekh Colleges
4	Dr. ANIMESH ANILKUMAR BANKER	Assistant Professor	Gujarat Technological University
5	Nilesh Rajubhai Khodifad	Assistant Professor	Parul Institute of Engineering and Technology , Parul University
6	Brijeshkumar Mahendrakumar Patel	Assistant Professor	Gokul Global University
7	Dr. Sandip Sapan Chandra	Associate Professor	SGM English Medium College of Commerce and Management, The CVM University
8	Dr. Shivang M. Patel	Associate Professor	Gujarat University
9	Hirenkumar Kukadiya	Assistant Professor	Karnavati University
10	Darshna P Dalvadi	Assistant Professor	Institute of Advanced Research University, Gandhinagar
11	Rajanbhai Bhaychandbhai Patel	Assistant Professor	Gokul Global University
12	Atik Mahebubbhai Sama	Assistant Professor	LJ University
13	Nilay N. Rathod	Assistant Professor (Egnlish)	Gyanmanjari Institute of Arts, GMIU
14	Shruti Bharatkumar Shah	Assistant Professor	Gyanmanjari Innovative University
15	Dr. Preeti Singhal	Associate Professor	Sjpi-Nicm / Gtu
16	Haresh Pravinbhai Jetapara	Assistant Professor	Gyanmanjari innovative University

Sr. No.	Name	Designation	Affiliation (Institute / University)
17	Dr.Kirit Chavda	Associate Professor & I/C HOD,	Gyanmanjari Institute of Commerce, Gyanmanjari Innovative University, Bhavnagar
18	Dr. Pankti P. Bhatt	Assistant Professor	IAR University, Gandhinagar
19	Shubhankar Pandey	Teaching Assistant	Gyanmanjari Innovative University
20	Dr. Vihang Shreyasbhai Desai	Assistant Professor	Gyanmanjri Innovative University, Bhavnagar
21	Honey Harsh Patel	Assistant professor	Gujarat technological University
22	Dr. Paraskumar Mangabhai Parmar	Associate Professor	Swarrnim Startup and Innovation University
23	Kajal Dineshkumar Sharma	Assistant professor	Swarrnim School of Management, Commerce and Liberal Arts
24	Ratna Vinayakbhai Vyas	Assistant Professor	GIMS Gyanmanjari Innovative University
25	Tulsi Maheshbhai Kondhiya	Assistant Professor	Gyanmanjari Innovative University
26	Hastpalsinh Ghanshyamsinh Chudasama	Assistant professor	Gyanmanjari Innovative University
27	Bhavik Javaharbhai Kamdar	HOD, Assistant Professor	Gyanmanjari Innovative University
28	Asst.Prof. Juhi Vaghela	Assistant professor	Gyanmanjari innovative University
29	Drashti Mayurbhai Thakkar	Teaching Assistant	Gyanmanjari Innovative University
30	Vivek Hitesh Shah	Teaching Assistant	Gyanmanjri innovative university
31	Dr. Pradeep Kumar Singh	Associate Professor	Gyanmanjari Innovative University
32	Dr. Hiral Vora	Assistant Professor	Shreyarth University
33	Vatsal Manjibhai chudasama	As. Prof.	Gyanmanjari innovative university
34	Harshkumar Subhashbhai Sharma	Assistant Professor	Gokul Global University
35	Dr. NikunjKumar Dineshkumar Mandaliya	Lecture	Drona education ltd

Sr. No.	Name	Designation	Affiliation (Institute / University)
36	Maitri Rashmikant Sakarvadia	Assistant Professor	Monark University
37	Himanshu Naykar	Lecturer	Monark University
38	Nitaben Jashugiri Goswami	Assistance professor	Hasmukh Goswami college of engineering,Monark University
39	Dr. Noel Daliwala	Assistant Professor & TPO	Department of Business Intelligence, B. K. School of Professional and Management Studies, Gujarat University
40	Rajvi Navinchandra Kakkad	Teaching Assistant	Gyanmanjari innovative University
41	Dr. Mitesh Patel	Associate Professor	Sankalchand Patel University
42	Jatin N. Varu	Teaching assistant	GMIU
43	Dr Mohammad Amin Wani	Assistant Professor	VIT-AP University
44	Dr.M.Ragupathi	Assistant professor	Rathinam Technical campus
45	D Bharathi	Assistant Professor	Assistant Professor
46	Dr. Gaurav Saxena	Assistant Professor	Institute of Sciences, SAGE University, Indore, Madhya Pradesh, India
47	Kamlesh Padaliya	Assistant Professor	Graphic Era Hill University, Haldwani Campus
48	Vinod Singh Yadav	Deputy Secretary	University Grants Commission
49	Harish G	Assistant Professor	REVA University Bangalore
50	Dr. Abirami Murugaiyan	Assistant Professor	Vels Institute of Science, Technology and Advanced Studies (VISTAS)
51	Dr Savitha S	Assistant Professor	AIMSR, Chittoor
52	Suryaa S	Assistant Professor	Sage university Indore
53	Dr Himani Chandel	Assistant Professor-cum-education officer	Shoolini University
54	Dr Kirti shyam	Assistant professor	IET bhaddal Technical campus,Ropar
55	Dr Navneet Kumar	Senior Executive	Shoolini Life Sciences Pvt Ltd

Sr. No.	Name	Designation	Affiliation (Institute / University)
56	Dr. Rahul Yadav	Executive officer	Quality council of India
57	Dr. Prafull Devrao Chavan	Assistant Professor	D Y Patil International University, Akurdi, Pune
58	Dr Vandana	Assistant professor	shoolini university
59	Vikas Kumar Chaudhary	Assistant Professor	Chandigarh University
60	Jagadish Somaling Jakati	Senior Assistant Professor	D Y Patil International University (DYPIU) Pune
61	Dr. Anirudh Kumar	Assistant Professor	Vidya University, Meerut
62	Mukesh Kumar	Assistant Professor	Vidya University, Meerut
63	Vasuki R	Assistant Professor	Anjalai Ammal Mahalingam Engineering College
64	Neethu Sebastian	Assistant Professor	East Point College of Engineering and Technology
65	Dr.Anand salvi	Assistant professor	GMIU
66	Kashyap Narendrabhai Dhamecha	Assistant Professor	Gyanmanjari Innovative University
67	Niyati Samirbhai Raval	Assistant Professor	Gyanmanjari Innovative University
68	Rupa Sharma	Teacher Educator	-
69	Pradip M. Prajapati	Assistant Professor	Gyanmanjari Innovative University
70	Vaidehi Maheta	Teaching Assistant	Gyanmanjari Innovative University
71	Balaganapathy M	Professor	Sigma University
72	Aditi Singh	Assistant Professor	Sigma University
73	Priyankakumari Girirajsinh Zala	Teaching Assistant	Gyanmanjaari Innovative University
74	Jaydip P Katakiya	Ph.D Scholar	Gyanmanjari Institute of arts
75	Jitu H Makwana	Teaching Assistant	Gyanmanjari Institute of Arts
76	M Rajmohan	Assistant Professor	Agurchand Manmull Jain College

Sr. No.	Name	Designation	Affiliation (Institute / University)
77	Sumit Ghosh	Assistant Professor	Inspiria Knowledge Campus
78	Minakshi Singh	Assistant Professor	Gyanmanjiri Innovative University
79	Riya Bhatt	Teaching Assistant	GMIU
80	Dr. Kishor R Anajara	Assistant Professor	Gyanmanjari Innovative University
81	Divya Makwana	Teaching Assistant	Gyanmanjari University
82	Vachchalatta Joshi	Teaching Assistant	GMIU
83	Mandeep Jagdip Majmudar	Assistant Professor	Gyanmanjari Innovative University
84	Harmanpreet Kaur	Assistant Professor	Chitkara University, Punjab
85	Ishaniba Gohil	Teaching Assistant	Gyanmanjari Innovative University
86	Janki Nitinbhai Mehta	Teaching Assistant	Gyanmanjari institute Of Management Studies
87	Varsha Chandrakant Kripalani	Assistant professor	Gyanmanjari institute of management studies
88	Harshadbhai Govindbhai Dangar	Assistant Professor	Gyanmanjari Innovative University
89	Vaibhav Agarwal	P.G.T. Physics	Goswami Ganesh Dutt Saraswati Vidya Mandir
90	Reny Francis vyas	Teaching Assistant	Gyanmanjari innovative university