

Medicaps University, Indore

Academic and Administrative Development Centre (AADC)

Calendar of Programs (2025-26)

S. No.	Training Program	Date	Duration
1	Technology-Integrated Indian Knowledge Systems (IKS) in Higher Education: NEP 2020 Perspective.	January 13-17, 2026	5 Days
2	Emerging Trends in Pedagogy and ICT-Driven Education in the Industry 4.0 Era	February 23 – March 01, 2026	5 Days
3	Technology - Integrated Power Electronics Experimentation for EV Startups: Microcontroller Applications, Prototyping & Digital Innovation	March 21-28, 2026	5 Days
4	Leveraging Artificial Intelligence for Smart Teaching and Learning	April 11-18, 2026	5 Days
5	Strengthening Outcome-Based Education (OBE) Framework in Higher Institutions through Technology Integration	May 02-09, 2026	5 Days
6	Technology – Integrated IPR, Innovation & Project-Based Learning in Higher Education	June 01-05, 2026	5 Days

1. Proposed Program:

"Integrating Indian Knowledge Systems (IKS) in Higher Education: NEP 2020 Perspective"

Introduction

The National Education Policy (NEP) 2020 emphasizes the integration of Indian Knowledge Systems (IKS) in higher education to revitalize India's rich intellectual heritage and promote interdisciplinary and culturally grounded learning. This 5-day training program is designed to equip faculty and administrators with the conceptual understanding, practical tools, and digital strategies to incorporate IKS effectively into teaching, research, governance, and administration.

Objectives

- To build awareness and understanding of IKS and its relevance in modern education.
- To explore the integration of IKS into pedagogy, research, and administration using technology.
- To align institutional strategies with NEP 2020 mandates related to IKS.
- To develop culturally rooted learning and assessment tools.
- To enable the creation of digital content and archives that preserve and promote Indian heritage.

Methodology: Expert talks, workshops, demonstrations, group work, case studies, and hands-on sessions.

Program Schedule

Day	Theme	Key Topics	Methodology	Weekday	Resource Person
Day 1	Foundations of IKS & NEP 2020	- Overview of NEP 2020 and IKS mandate - Philosophical roots of IKS in education - Role of HEIs in preserving Indian heritage	Inaugural address, Keynotes, Lectures	Monday, Sept 1, 2025	Dr. R. K Khare, SGSITS Indore
Day 2	Technology-Enabled IKS	- Digital platforms for IKS integration in teaching - IKS-driven research collaboration networks	Workshops, Platform demos	Tuesday, Sept 2, 2025	Dr. Swagata Gupta, Holkar Science College Indore



		- Examples: Ayurveda, Vedic Math, Indian logic			
Day 3	Assessment & Engagement	- Designing culturally rooted evaluation methods - Developing IKS-based e-content - Gamification tools for teaching heritage & values	Content creation sessions, Games	Wednesday, Sept 3, 2025	Dr. U. Khatri, GDC Indore
Day 4	Governance & Implementation	- Policy alignment with NEP 2020 - Creating IKS archives - University administration and resource allocation for IKS	Panel, Case studies, Workshops	Thursday, Sept 4, 2025	Dr. Anil Bajpai, PIMR Indore
Day 5	Action Planning	- Roadmap for institutional integration - Presentation of departmental action plans - Feedback, reflection, and certification	Presentations, Peer review	Friday, Sept 5, 2025	Dr. Rupesh Shukla, ILVA College Indore

Expected Outcomes

By the end of the program, participants will:

- Understand how to integrate IKS into their teaching, research, and governance responsibilities.
- Develop prototype lesson plans and digital content based on IKS.
- Initiate institutional strategies for IKS archiving and promotion.
- Create an implementation plan aligned with NEP 2020.
- Build collaborative networks for future research in indigenous knowledge.

Conclusion

- This training program is a timely and strategic initiative to transform higher education in India by embedding Indian Knowledge Systems into the academic fabric. With support from NEP



2020 and institutional leadership, this effort will contribute to creating globally competitive, culturally rooted, and digitally empowered academic ecosystems.

2. **Duration of the Programme: Duration:** 5 Days (Full Day Sessions, 9:00 AM – 5:00 PM)
3. **Frequency of Programme:** Once a year
4. **Resource Persons: Quality resource persons from reputed institutes (AIU may assist with recommendations upon request):**
5. **Mode of Delivery:** Blended
6. **Target Audience (No.):** 150
 - Faculty members across disciplines
 - Academic administrators and curriculum designers
7. **Group Size:** 25–30 approximately
8. **Branding/Promotion:**
 - a) Twitter
 - b) Instagram
 - c) LinkedIn
 - d) Facebook
9. **TA/DA:** To be borne by their respective institute sending the trainees
10. **Infrastructure Availability:**
 - a) Classroom (Smart/Conventional)
 - b) Teaching Learning aid & equipment
11. **Course Fees:** Rs 1500/-
12. **Industry Collaboration:** Non-commercial collaboration may be explored with patent consultants, and R&D-focused industries.



1. Proposed Program:

"Strengthening Outcome-Based Education (OBE) Framework in Higher Institutions through Technology Integration"

Introduction

The National Education Policy (NEP) 2020 envisions a transformative shift in higher education through the adoption of learner-centric and outcomes-driven approaches. Outcome-Based Education (OBE) provides a structured framework for aligning teaching, assessment, and governance with well-defined learning outcomes. This 5-day training program is designed to empower faculty members, academic administrators, and institutional leaders with the knowledge, tools, and digital competencies required to implement and strengthen OBE across academic and administrative domains.

Objectives

- To develop a deep understanding of the principles and components of OBE.
- To explore the use of digital tools in aligning teaching, learning, and assessment with Bloom's Taxonomy.
- To promote data-driven research and institutional governance aligned with OBE.
- To enable the creation of PLO-aligned digital content and outcome tracking systems.
- To strengthen student engagement through LMS-based technologies and analytics.
- To streamline university operations with OBE-based monitoring, evaluation, and ROI frameworks.

Methodology

Expert talks, workshops, demonstrations, case studies, hands-on sessions, group activities, and policy planning exercises.

Program Schedule

Day	Theme	Key Topics	Methodology	Weekday	Resource Person
Day 1	Foundations of Outcome-Based Education (OBE)	- Principles of OBE and NEP 2020 alignment - Defining COs, POs, and PLOs - Introduction to Bloom's Taxonomy	Inaugural address, Interactive lectures	Monday, Nov 10, 2025	Dr. Swagata Gupta, Holkar Science College Indore
Day 2	Technology in Pedagogy & Research Collaboration	- Mapping outcomes with Bloom's Taxonomy tools - Digital platforms for	Workshops, Demos, Group activity	Tuesday, Nov 11, 2025	Dr. A. A. Koser, Medicaps



		CO-PO alignment - Data-driven research practices			University Indore
Day 3	Assessment, Content Creation & Engagement	- AI-powered assessments and rubrics - Designing outcome- based e-content - Learning analytics & gamification	Hands-on sessions, Tech demos, Group exercises	Wednesday, Nov 12, 2025	Dr. Saurabh Jain, Medicaps University, Indore
Day 4	Governance, Planning, and Administration	- OBE-aligned strategic planning - Dashboards for university governance - Outcome- based resource management	Panel discussions, Policy workshop, Case studies	Thursday, Nov 13, 2025	Dr. Pratosh Bansal, IET DAVV Indore
Day 5	Institutionalization and Action Planning	- Action plan presentations by departments - ROI tracking in curriculum reforms - Feedback and certification	Presentations, Peer review, Valedictory session	Friday, Nov 14, 2025	Dr. Hemant Joshi, RSCOE Pune

Expected Outcomes

By the end of the program, participants will:

- Gain practical knowledge of OBE implementation using digital tools.
- Design and evaluate outcome-based courses and assessments.
- Use learning analytics and dashboards for decision-making.
- Draft institutional strategies to align operations with OBE principles.
- Establish inter-institutional networks for collaborative reform.

Conclusion

This program will serve as a catalyst for embedding OBE into the core academic and administrative practices of higher institutions. With the combined focus on pedagogy, assessment, governance, and technology, the training supports NEP 2020's vision of creating accountable, data-driven, and globally competitive educational ecosystems.

2. Duration of the Programme: 5 Days (Full Day Sessions, 9:00 AM – 5:00 PM)

3. Frequency of Programme: Once a year



4. Resource Persons: Quality resource persons from reputed institutes and OBE-focused organizations. (AIU may assist with recommendations upon request.)

5. Mode of Delivery: Blended (In-person + Online components)

6. Target Audience (No.): 150 Participants

- Faculty members across disciplines
- Academic administrators
- Curriculum designers

7. Group Size: 25–30 participants per working group

8. Branding/Promotion

- Twitter
- Instagram
- LinkedIn
- Facebook

9. TA/DA

To be borne by the respective institutes sending the participants.

10. Infrastructure Availability

- Classroom (Smart/Conventional)
- Teaching-Learning Aids & Equipment

11. Course Fees

Rs. 1500/-

12. Industry Collaboration

OBE experts from Academia can be contacted.

A handwritten signature in black ink, appearing to read 'Saurabh', is located in the bottom right corner of the page.

1. Proposed Program:

"Emerging Trends in Pedagogy and ICT-Driven Education in the Industry 4.0 Era"

Introduction

The fourth industrial revolution (Industry 4.0) has ushered in a new era of technological integration across all sectors, including education. In response, the National Education Policy (NEP) 2020 underscores the importance of leveraging digital tools and innovative pedagogies to make higher education more inclusive, experiential, and future ready. This 5-day training program aims to equip faculty members, researchers, and academic leaders with insights and practical skills to navigate and implement emerging ICT-driven pedagogical models aligned with Industry 4.0 imperatives.

Objectives

- To explore innovative pedagogical practices such as hybrid learning, flipped classrooms, and adaptive instruction.
- To promote ICT tools for real-time, collaborative, and cloud-based research and content creation.
- To introduce technology-enabled assessment and evaluation mechanisms.
- To design immersive, experiential learning environments using AR/VR/AI.
- To build institutional capacity for digital strategy, governance, and automation in education.
- To enhance student engagement using simulations, gamification, and virtual hackathons.

Methodology

Expert sessions, immersive technology demonstrations, hands-on workshops, panel discussions, case studies, group activities, and collaborative digital design tasks.

Program Schedule

Day	Theme	Key Topics	Methodology	Weekday	Resource Person
Day 1	Industry 4.0 and the Future of Education	- Understanding Industry 4.0 - NEP 2020: Digital transformation in HEIs - Education 4.0 framework	Keynotes, Thematic lectures, Interactive Q&A	Monday, Feb 3, 2026	Dr. Ashesh Tiwari, IET DAVV Indore
Day 2	Innovative Pedagogies for Digital Learning	- Hybrid and flipped classroom models - Adaptive and personalized learning - Faculty readiness for new tech	Demos, Hands-on pedagogy labs, Group activities	Tuesday, Feb 4, 2026	Dr. Keshav Patidar, IIST Indore



Day 3	Experiential Learning & E-content Development	- Creating AR/VR/AI-based modules - Digital storytelling and simulations - E-content platforms for immersive learning	Hands-on sessions, Content creation workshop	Wednesday, Feb 5, 2026	Dr. Vivek Shrivastava, IBMR Indore
Day 4	Digital Governance, Research & Assessment	- ERP tools for university operations - Real-time collaborative research using cloud - AI-based adaptive assessments	Case studies, Panel discussion, Strategy labs	Thursday, Feb 6, 2026	Dr. Maya Ingle, DAVV Indore
Day 5	Institutional Planning & Tech-Enabled Engagement	- Designing virtual labs and hackathons - Blockchain in education finance - Roadmap for digital transformation	Group presentations, Peer review, Valedictory	Friday, Feb 7, 2026	Dr. Santosh Borde, ADYP University Pune

Expected Outcomes

By the end of the program, participants will:

- Understand and apply pedagogical innovations suitable for the digital age.
- Create and implement immersive and adaptive learning content.
- Utilize cloud platforms for collaborative research and teaching.
- Integrate ERP systems and AI-based tools for streamlined administration and assessment.
- Develop institution-specific digital transformation strategies aligned with NEP 2020 and Industry 4.0.
- Foster digitally driven, student-centered learning ecosystems.

Conclusion

This training program will act as a launchpad for higher education institutions to embrace the rapid changes brought about by Industry 4.0. By integrating emerging technologies with pedagogy, research, and governance, institutions can ensure their relevance and competitiveness in the global education landscape.

2. Duration of the Programme

5 Days (Full Day Sessions, 9:00 AM – 5:00 PM)

3. Frequency of Programme

Once a year



4. Resource Persons

Domain experts from premier academic institutions, industry professionals from EdTech and AI sectors, and policy advisors. (AIU may assist with expert recommendations.)

5. Mode of Delivery

Blended (In-person and Online)

6. Target Audience (No.): 150 Participants

- Faculty members from various disciplines
- ICT and pedagogy innovators
- Academic administrators

7. Group Size

25–30 participants per group for hands-on and group activities

8. Branding/Promotion

- a) Twitter
- b) Instagram
- c) LinkedIn
- d) Facebook

9. TA/DA

To be borne by the respective institutes sending the participants.

10. Infrastructure Availability

- a) Smart/ Conventional Classrooms
- b) Teaching-Learning Equipment, AR/VR demo kits (if available), internet-enabled labs

11. Course Fees

Rs. 1500/-

12. Industry Collaboration

Non-commercial partnerships may be explored with: EdTech firms (AI, AR/VR, LMS developers), Cloud computing service providers, Blockchain and cybersecurity solution providers, Simulation and virtual lab developers



1. Proposed Program:

"Leveraging Artificial Intelligence for Smart Teaching and Learning"

Introduction

Artificial Intelligence (AI) is rapidly transforming the landscape of higher education by enabling personalized learning, data-driven decision-making, and intelligent automation across academic and administrative domains. In line with the National Education Policy (NEP) 2020, which advocates for technology-enabled and learner-centric reforms, this 5-day training program aims to build the capacities of faculty members, researchers, and administrators to harness the power of AI for smarter teaching, learning, assessment, and institutional governance.

Objectives

- To introduce AI tools and platforms that support personalized, adaptive learning experiences.
- To demonstrate the use of AI in educational research, content development, and academic analytics.
- To explore AI-based assessment and evaluation mechanisms, including automated scoring and feedback systems.
- To develop institutional strategies for AI integration in governance, planning, and budgeting.
- To promote the use of AI for enhancing student engagement through virtual mentors and chatbots.
- To familiarize participants with AI-assisted tools in examinations, administration, and financial management.

Methodology

Expert sessions, live demos of AI platforms, hands-on labs, collaborative design activities, case studies, and policy planning exercises.

Program Schedule

Day	Theme	Key Topics	Methodology	Weekday	Resource Person
Day 1	Introduction to AI in Higher Education	- AI fundamentals for educators - NEP 2020 and the role of AI - Ethical and policy perspectives	Keynotes, Interactive lectures, Discussion	Monday, Apr 7, 2026	Dr. Suresh Jain, IPS Indore
Day 2	AI in Teaching, Learning &	- AI tutors and personalized learning paths - AI-generated	Live demos, Hands-on labs,	Tuesday, Apr 8, 2026	Dr. Prashant Kumbharkar,



	Content Development	adaptive learning content - Use of NLP in education	Collaborative content design		ADYP University Pune
Day 3	AI in Research, Assessment & Analytics	- Knowledge discovery using AI platforms - Automated assessment and grading systems - Learning analytics dashboards	Case studies, Tool demos, Group discussions	Wednesday, Apr 9, 2026	Dr. Pratosh Bansal, IET DAVV Indore
Day 4	AI for Institutional Governance & Administration	- Predictive analytics for academic planning - Intelligent decision support systems - AI in examination security	Panel discussion, Tech labs, Strategy workshop	Thursday, Apr 10, 2026	Dr. Aquil Bunglowala, SAIT Indore
Day 5	Roadmap for AI in HEIs	- Virtual mentors and AI chatbots for student support - Predictive tools for finance and budgeting - Departmental AI integration plans	Group presentations, Feedback, Valedictory	Friday, Apr 11, 2026	Dr. R K Jain, ADYP University Pune

Expected Outcomes

By the end of the program, participants will:

- Understand the potential and limitations of AI in education.
- Implement AI-powered tools to personalize instruction and learning paths.
- Integrate AI-based assessment and feedback mechanisms into their courses.
- Use analytics and predictive models for strategic planning and resource optimization.
- Develop action plans for institution-wide AI adoption aligned with NEP 2020.

Conclusion

This training program is a strategic step toward preparing higher education institutions for the AI-driven future of education. It will empower faculty and administrators to enhance quality, efficiency, and inclusivity by leveraging cutting-edge technologies. The program supports NEP 2020's vision of a digitally transformed education system that is adaptive, intelligent, and globally competitive.

2. Duration of the Programme

5 Days (Full Day Sessions, 9:00 AM – 5:00 PM)

3. Frequency of Programme



Once a year

4. Resource Persons

Experts in AI applications in education, academic technologists, EdTech professionals, and policy advisors. (AIU may assist in sourcing resource persons.)

5. Mode of Delivery

Blended (Combination of in-person and online formats)

6. Target Audience (No.): 150 Participants

- Faculty members and instructional designers
- Academic administrators
- Institutional leaders and planners

7. Group Size

25–30 participants per group for hands-on sessions and collaborative activities

8. Branding/Promotion

- a) Twitter
- b) Instagram
- c) LinkedIn
- d) Facebook

9. TA/DA

To be borne by the respective institutes sending the participants.

10. Infrastructure Availability

- a) Smart classrooms or labs equipped with internet and AI tools
- b) Teaching-Learning aids, laptops/desktops, and projection systems

11. Course Fees

Rs. 1500/-

12. Industry Collaboration

Non-commercial partnerships may be established with: AI and EdTech companies (e.g., AI tutor platforms, LMS developers), Cloud and analytics service providers, Firms offering AI proctoring, chatbots, and decision support systems, Blockchain-based financial service developers for education



1. Proposed Program:

"Intellectual Property Rights (IPR), Innovation & Project-Based Learning in Higher Education"

Introduction

Innovation and Intellectual Property (IP) are critical drivers of knowledge-based economies and are increasingly becoming central to academic excellence and institutional development. The National Education Policy (NEP) 2020 encourages creativity, innovation, and entrepreneurship through flexible, interdisciplinary, and project-based learning models. This 5-day training program is designed to enable faculty, researchers, and academic leaders to integrate IPR and innovation into teaching, research, assessment, and institutional governance while leveraging technology to create vibrant ecosystems of ideation, invention, and impact.

Objectives

- To develop an understanding of IPR frameworks and innovation ecosystems in higher education.
- To embed project-based learning and IP education into curriculum design and pedagogy.
- To familiarize participants with IP creation, protection, and commercialization strategies.
- To explore assessment models that emphasize real-world, interdisciplinary problem-solving.
- To guide institutions in formulating IPR policies and establishing support systems.
- To utilize digital platforms for IP management, innovation tracking, and student engagement.

Methodology

Workshops, expert talks, innovation labs, IP case studies, group activities, digital platform demonstrations, and policy drafting exercises.

Program Schedule

Day	Theme	Key Topics	Methodology	Weekday	Resource Person
Day 1	Foundations of IPR & Innovation in Higher Education	- Overview of IPR concepts and NEP 2020 mandates - Global and national IPR trends - Role of HEIs in innovation ecosystems	Keynotes, Expert lectures, Case discussions	Monday, Jun 2, 2026	Dr. Sumant Katiyal, DAVV Indore
Day 2	Curriculum Design & Innovation Pedagogy	- Embedding IP and innovation in teaching - Designing project-based learning modules	Workshops, Curriculum labs,	Tuesday, Jun 3, 2026	Dr. Swagata Gupta, Holkar



		- IP education case studies	Group presentations		Science College Indore
Day 3	Technology Platforms for IPR & Research Collaboration	- Patent filing process and collaborative databases - IP management systems - Digital platforms for innovation tracking	Hands-on labs, Demos, Group activities	Wednesday, Jun 4, 2026	Dr. Gulrej Ahmed, Manipal University, Jaipur
Day 4	IP Commercialization, Assessment & Governance	- Revenue models through IP monetization - Project showcases as evaluation tools - IPR policy development for HEIs	Policy workshop, Case study analysis, Strategy sessions	Thursday, Jun 5, 2026	Mr. Shailesh Mishra, Yash Technology Indore
Day 5	Action Planning & Innovation Culture in Campuses	- Hackathons, idea competitions, and startup incubation - Creating IP roadmaps for institutions - Final presentations and certification	Student innovation demos, Group planning, Valedictory	Friday, Jun 6, 2026	Dr. Pratosh Bansal, IET DAVV Indore

Expected Outcomes

By the end of the program, participants will:

- Gain a foundational and applied understanding of IPR and innovation in academic settings.
- Design curricula that integrate IP education and real-world project-based learning.
- Establish or refine institutional mechanisms for IP protection, filing, and monetization.
- Create assessment strategies rooted in innovation, problem-solving, and entrepreneurship.
- Develop action plans to foster a culture of innovation and support student creativity.

Conclusion

This training program will help institutions align their academic practices with global innovation standards by integrating IPR awareness, entrepreneurship, and project-based pedagogy. In doing so, HEIs can support the creation of a robust innovation ecosystem, empowered by technology and anchored in the NEP 2020 vision of transformative education.

2. Duration of the Programme

5 Days (Full Day Sessions, 9:00 AM – 5:00 PM)



3. Frequency of Programme

Once a year

4. Resource Persons

Patent attorneys, innovation and entrepreneurship experts, startup mentors, faculty from premier institutions, and IPR cell representatives. (AIU may support with expert recommendations.)

5. Mode of Delivery

Blended (Combination of offline and online formats)

6. Target Audience (No.): 150 Participants

- Faculty members across disciplines
- Research and innovation coordinators
- Academic leaders and administrators

7. Group Size

25–30 participants per group for workshops and innovation labs

8. Branding/Promotion

- a) Twitter
- b) Instagram
- c) LinkedIn
- d) Facebook

9. TA/DA

To be borne by the respective institutes sending the participants.

10. Infrastructure Availability

- a) Smart classrooms and innovation labs
- b) IP filing resources, internet access, and teaching-learning tools

11. Course Fees

Rs. 1500/-

12. Industry Collaboration

Non-commercial partnerships may be explored with: IP firms and patent consultants, Startup incubators and innovation hubs, Legal tech platforms and IP databases, R&D-based industries for collaborative projects



1. Proposed Program:

"Innovative Power Electronics Experimentation for EV Startups: Microcontroller Applications and Prototyping"

Introduction

India's transition to sustainable mobility is driving rapid innovation in Electric Vehicle (EV) technologies. The evolving EV startup ecosystem demands professionals who not only understand power electronics and microcontrollers but can also translate that knowledge into market-ready prototypes. This 5-day hands-on training program is designed to foster innovation, accelerate prototyping skills, and support entrepreneurial thinking in academia. It focuses on the design, control, and experimentation of microcontroller-based power electronics systems—key enablers of EV technologies such as motor drives, battery management systems, and smart charging.

The program also introduces participants to tools, platforms, and case studies used by EV startups and innovators, helping to bridge the gap between academic knowledge and real-world application. By promoting a maker and startup mindset, the course encourages participants to conceptualize and develop early-stage EV product ideas.

Objectives

- To develop an innovation mindset around EV technologies and embedded systems
- To train faculty and researchers in microcontroller-based control of EV sub-systems
- To provide tools for simulation, prototyping, and real-time experimentation
- To bridge the gap between engineering education and the EV startup ecosystem
- To inspire startup incubation and student-led innovation in electric mobility

Methodology

Industry-driven keynotes, simulation and hardware labs, rapid prototyping workshops, group-based innovation sprints, startup pitch mentoring, and live demos.

Program Schedule

Day	Theme	Key Topics	Methodology	Weekday	Resource Person
Day 1	Innovation Landscape in EVs	- Emerging EV technologies - Power electronics startup use cases - Microcontrollers as enablers of innovation	Inaugural keynote, Case studies, Lectures	Monday, March 16, 2026	Dr. Keshav Patidar, IIST Indore
Day 2	Design for Embedded EV Systems	- BLDC and PMSM motor control - Battery management and safety - Control strategy design using microcontrollers	Expert Talks, Design Studio Sessions	Tuesday, March 17, 2026	Dr. R.S. Tare, Indore



Day	Theme	Key Topics	Methodology	Weekday	Resource Person
Day 3	Rapid Prototyping Tools & Platforms	- Simulation (MATLAB/Simulink, LTspice) - Hardware kits (Arduino, STM32, TI Launchpad) - Sensor integration and CAN communication	Simulation Labs, Coding Workshops	Wednesday, March 18, 2026	Dr. Shailendra Sharma, SGSITS Indore
Day 4	From Lab to Market: Experimentation to Innovation	- Lab-based testing of motor drivers and converters - Embedded programming for diagnostics - Product teardown and benchmarking	Hardware Labs, Mini Hackathon	Thursday, March 19 2026	Dr. Atul Koshti, Sandip University Nashik
Day 5	Startup Pitches & Innovation Review	- Group innovation pitch (prototype + idea) - Mentoring by EV founders and incubators - Certification and networking session	Pitch Presentations, Panel Review	Friday, March 20, 2026	Mr. Chinmay Jain, Shakti Pumps, Pithampur

Expected Outcomes

By the end of the program, participants will:

- Be equipped to mentor student innovations and EV-related projects
- Gain practical knowledge of microcontroller applications in EV systems
- Develop working prototypes of EV sub-systems using embedded control
- Understand the ecosystem for taking ideas from lab to startup
- Build connections with incubators, patent offices, and EV innovators

Conclusion

This training program is a strategic initiative to empower technical educators and researchers with the tools, mindset, and ecosystem connections necessary for EV innovation and entrepreneurship. By anchoring power electronics experimentation in the context of real-world startup challenges, the program enables a new wave of technically sound, market-driven EV solutions emerging from academic settings.

2. Duration of the Programme

5 Days (Full Day Sessions, 9:00 AM – 5:00 PM)

3. Frequency of Programme

Once a year

4. Resource Persons

EV startup founders, industry professionals, faculty from premier institutions (AIU may assist with recommendations)



5. Mode of Delivery

Blended (Online sessions for simulation + Offline hardware labs and mentoring)

6. Target Audience (No.): 150

- Faculty members from engineering institutes (EEE, ECE, Mechatronics)
- Innovators, mentors, and researchers interested in EV technology and startups

7. Group Size

25–30 approximately per batch

8. Branding/Promotion

- a) Twitter
- b) Instagram
- c) LinkedIn
- d) Facebook

9. TA/DA

To be borne by the respective institutions of the participants

10. Infrastructure Availability

- a) Smart Classrooms, IoT and EV Labs
- b) Microcontroller development kits, simulation software, motors, batteries, and power analyzers

11. Course Fees

Rs. 1500/-

12. Industry Collaboration

Non-commercial collaboration may be explored with:

- EV startups and incubators (e.g., Ather, Ola Electric, Repos)
- Design labs and prototyping studios
- Patent consultants and government-supported innovation hubs (e.g., Atal Incubation Centres)





Medicaps University, Indore

IKS Cell, NEP Cell and Department of Physics

**Report of 5 Day FDP on Technology-Integrated Indian Knowledge Systems (IKS) in
Higher Education: NEP 2020 Perspective**

Name of Training	:	Faculty Development Program
Schedule (Date(s) and Time)	:	13 th -17 th January 2026 (10.00 AM-4.00 PM)
Venue	:	Small Auditorium, F-Block, Medicaps University, Indore
Organizing Faculty/Convener (s)	:	1. Dr. Ajay Kulkarni Prof. Incharge, NEP Cell Medicaps University, Indore
Organizing Department	:	IKS Cell, NEP Cell and Department of Physics
Faculty Coordinators	:	1. Dr. Saurabh Jain Director-ODL, Coordinator IQAC Medicaps University, Indore 2. Dr. Malyaj Das Prof. Incharge, IKS Cell Department of Physics, Medicaps University, Indore 3. Dr. Mohd. Shakil Qureshi Head, Department of Physics Medicaps University, Indore
Total Number of Participants	:	62

Expert's Profile :
Day 1 – Foundations of IKS & NEP 2020

Tuesday, 13 January 2026

Resource Person: Dr. R. K. Khare, SGSITS, Indore



Dr. Rakesh Kumar Khare is **Professor and Head**, Department of Civil Engineering & Applied Mechanics at Shri G. S. Institute of Technology & Science (SGSITS), Indore, with over 35 years of academic and administrative experience. He joined the Institute in 1988 and specializes in Structural Engineering, Earthquake Resistant Design, Finite Element Method, and Non-linear Seismic Analysis.

Dr. Khare holds a Ph.D. in Civil Engineering from Devi Ahilya Vishwavidyalaya, Indore, and completed advanced training at IIT Kanpur and a six-month international fellowship at the University of Canterbury, New Zealand. He has held several key leadership roles including Dean Academics, Controller of Examinations, PG Course Coordinator, and QIP Coordinator, and served as **Nodal Officer (Academics) for TEQIP Phase-II (World Bank Project)**.

He has actively contributed to **NEP-2020 implementation, curriculum reforms, and the integration of Indian Knowledge Systems (IKS)** into engineering education. Dr. Khare regularly delivers expert lectures and supports institutional development through academic leadership and governance.

Topics:

- Overview of NEP 2020 and IKS mandate
- Philosophical roots of IKS in education
- Role of HEIs in preserving Indian heritage through modern tools.

Day 1 – Second half

Tuesday, 13 January 2026

Resource Person: Dr. Malyaj Das, Mediacaps University, Indore



Dr. Malyaj Das is an Associate Professor in the Department of Physics and currently serves as Professor In-Charge of the Indian Knowledge Systems (IKS) Cell and Science Club Coordinator at Medi-Caps University, Indore. He earned his Ph.D. in Physics from Devi Ahilya Vishwavidyalaya (DAVV), Indore, in 2011, specializing in Nonlinear Optics. His research interests include second harmonic generation, Z-scan techniques, synthesis and characterization of organic materials and nanomaterials, nonlinear optical studies, and quantum physics.

Dr. Das has successfully supervised three Ph.D. scholars and is currently guiding three more, contributing significantly to research mentorship and academic development. Over the past one and a half years, as Professor In-Charge of the IKS Cell, he has actively promoted the integration of Indian Knowledge Systems into higher education in alignment with NEP-2020 and UGC guidelines through lectures, workshops, quizzes, faculty development programs, interdisciplinary projects, and outreach activities, strengthening cultural and scientific awareness among students and faculty.

Topics: Indian Knowledge Systems as the Foundation of Atmanirbhar Bharat

- Introduction
- Glorious Past and Science
- Education and Philosophy
- Economic Self-Reliance and Local Skills

Day 2 –

Wednesday, 14 January 2026

Resource Person: Dr. Swagata Gupta, Holkar Science College, Indore



Dr. Swagata Gupta is an Associate Professor and IQAC Coordinator at Govt. Holkar (Model, Autonomous) Science College, Indore, with distinguished expertise in quality assurance, accreditation, and higher education reforms. As IQAC Co-Coordinator, she was instrumental in securing **NAAC A++ Grade (CGPA 3.70)** for Holkar Science College, ranking first among autonomous colleges in Madhya Pradesh and seventh in India. Earlier, as NAAC Coordinator at B.L.P. Govt. P.G. College, Mhow, she led the institution to achieve **A Grade (CGPA 3.11)** in its second NAAC cycle.

Dr. Gupta has served as a Core Team Member for NIRF gap analysis and NAAC upgradation for DAVV, Paramarsh Samiti member, NAAC Master Facilitator, and District Level Master Trainer under the Department of Higher Education, Government of Madhya Pradesh. She has also made significant contributions to **Indian Knowledge Systems**, promoting **NEP-2020-aligned** implementation, integrating IKS perspectives into curriculum planning, institutional quality frameworks, governance, and best practices.

Topic: Technology-Enabled IKS

- Digital platforms for IKS integration in teaching
- IKS-driven research collaboration networks
- Case studies: Ayurveda, Vedic Mathematics, Indian Logic
- ICT, AI tools, and Open Educational Resources for IKS

Day 2 –

Wednesday, 14 January 2026

Dr. Dilip Kumar Patnaik : Vice-Chancellor of Medi-Caps University, Indore



Dr. Dilip Kumar Patnaik is the Vice-Chancellor of Medi-Caps University, Indore and a senior academic administrator with long and rich experience in higher education. He is widely respected for his calm leadership, mentoring approach, and deep understanding of academic governance. With decades of association in teaching, research, and academic administration, Dr. Patnaik has contributed significantly to institutional development, quality assurance, and policy implementation.

As a mentor and guide, he consistently encourages faculty development, student-centric learning, research culture, and ethical academic practices. Under his guidance, Medi-Caps University has strengthened its focus on academic excellence, interdisciplinary research, innovation, and alignment with national frameworks such as **NEP-2020**. He actively supports initiatives related to **Indian Knowledge Systems, sustainability, skill development, and societal engagement**. Dr. Patnaik's vast experience, inclusive vision, and mentoring leadership continue to inspire the academic community and steer the University toward holistic and sustainable growth.

Topic: Astronomical significance of **Makar Sankranti** and the Sun's transition

- Relationship between **planetary motion, seasons, and agricultural cycles**
- Scientific reasoning behind Indian festivals and timekeeping systems
- Integration of **Indian Knowledge Systems with modern science**
- Cultural relevance of festivals in promoting harmony with nature

Day 2 –

Wednesday, 14 January 2026

Resource Person:

Dr. Sunil Upadhyay, Medicaps University, Indore



Dr. Sunil Upadhyay is the **Dean, Faculty of Agriculture and Dean of Planning Affairs** at Medi-Caps University, Indore. He is an academician with strong interests in **Indian Knowledge Systems (IKS) and climate change**, focusing on the relevance of traditional Indian wisdom in addressing contemporary environmental challenges. His work emphasizes indigenous ecological knowledge, sustainable agricultural practices, nature-centric philosophies, and community-based solutions embedded in Indian traditions.

Dr. Upadhyay actively promotes the integration of IKS with modern scientific approaches to enhance climate resilience, sustainable farming, and environmental stewardship. Through academic leadership, lectures, and interdisciplinary initiatives, he contributes to policy planning, curriculum development, and institutional strategies aligned with **NEP-2020**. His efforts aim to sensitize students, researchers, and stakeholders toward sustainable development, climate literacy, and responsible resource management. Dr. Upadhyay's work highlights the role of Indian Knowledge Systems in shaping a sustainable, self-reliant, and climate-resilient future.

Topic: IKS & Climate change: An Exploratory Insight

- Traditional Ecological Knowledge and Sustainability
- Nature-Centric Philosophy in Indian Knowledge Systems
- Climate Resilience through Indigenous Practices

Day 3 – Assessment & Engagement

Thursday, 15 January 2026

Resource Person: Dr. Rupesh Shukla, ILVA College, Indore



Prof. (Dr.) Rupesh R. Shukla is a senior academician and administrator with over 26 years of rich experience in higher education. He currently serves as Principal and Professor of Computer Science at ILVA Commerce and Science College, Indore. He holds multiple advanced qualifications, including Ph.D. in E-Governance and Ph.D. in Computer Science, reflecting his strong interdisciplinary academic foundation. Dr. Shukla has previously served as Head of the Department (Computer Applications) and IQAC Coordinator at Shri Cloth Market Kanya Vanijya Mahavidyalaya, a UGC-NAAC A+ accredited institution, and has extensive experience as a Visiting Faculty at Devi Ahilya Vishwavidyalaya (DAVV), Indore, for nearly two decades.

He possesses notable expertise in NEP-2020 implementation and Indian Knowledge Systems (IKS) integration, contributing to curriculum design, academic reforms, outcome-based education, and quality assurance frameworks. His academic leadership emphasizes holistic education, governance innovation, and alignment with national educational priorities.

Topic: Institutional roadmap for IKS integration

- Institutional roadmap for IKS integration
- Technology-enabled implementation strategies

Resource Person: Dr. Preeti Pandey, Medicaps University, Indore'



Dr. Preeti Pandey is a Professor and Dean of Management, and a result-oriented Professor of Finance with over 27 years of comprehensive experience in institution building, academic leadership, and strategic academic administration. She is widely recognized for fostering impactful collaborations with foreign universities, including the design, accreditation, and successful delivery of academic programs aligned with international standards. Dr. Pandey brings a strong blend of academic rigor and industry exposure, supported by professional training in mortgage finance.

Her research interests focus on Project Finance, Business Valuations, and sustainability-driven business practices. She has led multiple initiatives in curriculum development, NEP-2020 implementation, quality assurance, and academic audits, contributing significantly to institutional excellence. Committed to aligning Indian higher education with global benchmarks, Dr. Pandey continues to drive innovation, academic quality, and industry relevance in management education.

Topic : Policy with NEP 2020

- Holistic and Multidisciplinary Education
- Outcome-Based and Skill-Oriented Learning
- Quality Assurance and Governance Reforms

Day 4 – Governance & Implementation

Friday, 16 January 2026

Resource Person: Dr. Pooja Singh, Medcaps University, Indore



Dr. Pooja Singh is a dedicated academician at Medi-Caps University, Indore, known for her commitment to teaching, research, and academic development. She serves as Professor In-Charge of the Yoga and Spiritual Club and actively promotes holistic well-being and value-based education among students. As a Yoga Teacher and Mentor, she has conducted demonstration and awareness sessions on “Yoga as a Living Indian Knowledge System”, aligning traditional wisdom with the objectives of NEP-2020.

Dr. Singh possesses strong subject expertise and contributes effectively to curriculum delivery, student mentoring, and outcome-based education. Her academic interests include interdisciplinary learning, pedagogical innovation, experiential learning, and student-centric teaching approaches. She regularly participates in faculty development programs, workshops, and institutional initiatives aimed at academic quality enhancement. Through her academic, mentoring, and IKS-related engagements, Dr. Singh strives to nurture critical thinking, inner well-being, and holistic development, supporting the University’s vision of excellence in higher education

Topic: Pranayama practices, highlighting their importance for physical health, mental balance, and concentration

- Surya Namaskar
- Pranayama (Anulom–Vilom & Katabatic)
- Meditation and Mindfulness Practice
- Relaxation and Positive Affirmation

Day 4 –Friday, 16 January 2026

Resource Person: Dr. Ajay Kulkarni, Medicaps University, Indore



Dr. Ajay Kulkarni is an accomplished academician at Medi-Caps University, Indore, currently serving as Associate Dean (Core Engineering). He is actively engaged in teaching, research, and academic leadership, with a strong focus on the pedagogy of NEP-2020 in the context of Indian Knowledge Systems (IKS). Dr. Kulkarni emphasizes outcome-based education, experiential learning, interdisciplinary approaches, and value-based teaching aligned with national educational reforms.

He contributes significantly to curriculum design and academic planning, integrating traditional Indian knowledge with modern engineering education to foster critical thinking, ethical awareness, and holistic learning. Through academic leadership, lectures, workshops, and faculty development initiatives, he promotes learner-centric and context-sensitive pedagogical practices. Dr. Kulkarni also actively participates in institutional quality enhancement and governance processes, supporting the University's mission of implementing NEP-2020 effectively while nurturing culturally rooted and globally competent engineering graduates.

Topic : Pedagogy of NEP 2020 in Context of IKS

- Integration of Traditional Knowledge with Modern Curriculum
- Interdisciplinary Pedagogy Inspired by IKS
- Learner-Centric Teaching and Mentorship in Indian Tradition

Day 5 – Action Planning & Way Forward *Saturday, 17 January 2026*

Resource Person: Pt. Bharat Kumar Tiwari, Jantar Mantar, Ujjain



Pt. Bharat Kumar Tiwari is a respected scholar associated with Jantar Mantar, Ujjain, with deep expertise in Indian astronomy, astrology, and Vastu Shastra. He is particularly known for his work on Vedic observatories (Vedshalas) designed according to Vastu principles, integrating ancient architectural wisdom with precise astronomical observations. His studies highlight the scientific understanding of celestial movements, solar-shadow measurements, planetary alignments, and directional accuracy practiced in traditional Indian observatories.

Through lectures, demonstration sessions, and scholarly discussions, Pt. Tiwari explains how Vedic observatories functioned as advanced scientific instruments rather than merely cultural monuments. His work emphasizes the relevance of Indian Knowledge Systems (IKS) in understanding timekeeping, calendars, and cosmic harmony. By connecting traditional Vastu concepts with astronomy, he contributes to preserving and promoting India's rich scientific heritage while demonstrating its applicability in modern academic and educational contexts.

Topic : वास्तु के अनुसार वेदशालाएँ (Vedic Observatories Designed According to Vastu

Principles)

- Concept of Vedshala in ancient Indian astronomy
- Vastu Shastra principles in observatory design
- Directional alignment and cardinal directions
- Planetary observation methods in Vedic observatories
- Scientific significance of Jantar Mantar-type structures
- Integration of architecture, astronomy, and mathematics



Proposal for 5-Day FDP on Technology-Integrated Indian Knowledge Systems (IKS) in
Higher Education: NEP 2020 Perspective with Collaboration with AIU-MU AADC

Date: 2nd Jan 2026

Course ID.(Office Use) :

Title : Technology-Integrated Indian Knowledge Systems
(IKS) in Higher Education: NEP 2020 Perspective

Convener : Dr. Ajay Kulkarni, Dr. Malyaj Das & Dr. Mohd. Shakil Qureshi

Speaker / Expert Name & Mob No: Attached in the approval

Department : IKS cell, NEP Cell & Physics Department with
Collaboration with AIU-MU AADC

Date(s) & Duration : Jan 13th to 17th Jan 2025 (10:00 AM to 4:00 PM)
Saturday

Venue : F Block Small Auditorium

Total Participants : 100

Estimated Budget : 1,50,000/-

Receipts	Amount (Rs.)	Payments	Amount (Rs.)
1. From Sponsor(s) a. <u>AIU</u>	Rs 10,000/-	1. To Speakers a. Honorarium b. TA & DA c. Boarding & Lodging	40,000 NIL
b. _____ c. _____		2. To Participants • Course Material (@50) • TA & DA • Boarding & Lodging	5000 ✓ NIL On the availability in University Campus
2. From Participants Total 100 Participants Fee: Rs-1500/- <u>1500/-</u> (Fee/Participants)	1,50,000 Rs. 1,50,000/-	3. Refreshment & Meal	1,00,000
3. Miscellaneous		4. Miscellaneous: Flex Printing and decoration Sapling, Memento and Diary to External Resource Person	5,000
4. University Contribution	80,000		
Total Receipts (in Rs.):	Rs. 1,60,000/-	Total Expenditure (in Rs.):	Rs. 1,50,000

Need to take permission for generation of QR code for registration.

Convener

Head AIU-MU AADC

Director IQAC & DoAA

Pro-Vice Chancellor Sir

Vice Chancellor Sir

**Indian Knowledge Systems (IKS) cell, NEP Cell &
Physics Department is organising 5-Day FDP in
Collaboration with AIU-MU AADC
On**

**Technology-Integrated
Indian Knowledge Systems (IKS) in Higher
Education: NEP 2020 Perspective**



13th to 17th Jan 2026



F Block Small Auditorium



(10:00 AM to 4.00 PM)

Program Chair

Prof. A. A. Koser,
DoAA & Director IQAC

Program Co- Chair

Prof. Saurabh Jain,
Director- ODL, Coordinator IQAC

Convener

Prof. Ajay Kulkarni
Prof Incharge, NEP Cell



Scan here to register
Registration Charge - 1200/-

Co Convener

Prof. Malyaj Das,
Prof. Incharge, IKS Cell
Prof. Mohd. Shakil Qureshi.
HOD Physics

1. Objective:

- To build awareness and deepen understanding of Indian Knowledge Systems (IKS) and their relevance in modern education.
- To explore the integration of IKS into pedagogy, research, and institutional administration through the effective use of technology.
- To align institutional strategies and practices with the mandates of NEP 2020 related to IKS.
- To develop culturally rooted, learner-centric teaching–learning and assessment tools.
- To enable the creation of digital content, repositories, and technology-driven archives that preserve, promote, and disseminate India’s rich knowledge heritage.

2. Methodology

The program will be conducted using a blended and participatory approach that includes expert talks, interactive workshops, live demonstrations, group activities, case studies, and hands-on technology-enabled sessions to ensure effective learning and practical exposure.

3. Expected Outcomes:

By the End of the Programme, Participants Will:

1. Understand effective strategies to integrate Indian Knowledge Systems (IKS) into teaching, research, governance, and institutional practices.
2. Develop prototype lesson plans, digital learning modules, and technology-enabled IKS content.
3. Initiate and contribute to institutional strategies for IKS archiving, digital preservation, and knowledge dissemination.
4. Design an actionable implementation plan aligned with NEP 2020 and supported by ICT and digital tools.
5. Build collaborative networks for future research and innovation in indigenous knowledge systems and digital humanities.

4. Schedule



Schedule of 5-Day FDP on Technology-Integrated Indian Knowledge System (IKS) in Higher Education: NEP 2020 Perspective in Collaboration with AIU-MU AADC (13-17 Jan. 2026)



VENUE: F-BLOCK, MINOR AUDITORIUM

Day 1 (13 Jan. 2026, Tuesday)

	Time	Speaker	Topic
Day 1 (Foundations of IKS & NEP 2020)	10:00-10:15 AM		Welcome & Registration
	10:15-10:45 AM		Inauguration
	10:45-11:00 AM		High Tea
	11:00 AM-12:30 PM	Dr. R. K. Khare, SGSITS, Indore	● Overview of NEP 2020 and IKS mandate ● Philosophical roots of IKS in education ● Role of HEIs in preserving Indian heritage through modern tools
	12:30-12:45 PM		Discussion
	12:45-2:00 PM		Lunch Break
	2:00-3:30 PM	Dr. Malyaj Das, MU	● Indian Knowledge System as the Foundation of Atmanirbhar Bharat
	3:30-3:45 PM		Discussion
	3:45-4:00 PM		Tea

Day 2 (14 Jan. 2026, Wednesday)

Day 2 (Technology- Enabled IKS)	10:30 AM-12:30 PM	Dr. Swagata Gupta, Holkar Science College, Indore	● Integrating Indian Knowledge Systems in Higher Education: Digital Platforms, AI Tools, and Pedagogical
	12:30-12:45 PM		Discussion
	12:45-2:00 PM		Lunch Break
	2:00-3:00 PM	Address by the Hon'ble Vice-Chancellor, MU, on the Occasion of Makar Sankranti	
	3:00-3:15 PM		Tea
	3:15-4:15 PM	Dr. Sunil Upadhyay, MU	● IKS & Climate Change: An Exploratory Insight

Day 3 (15 Jan. 2026, Thursday)

Day 3 (Assessment & Engagement)	10:30 AM-12:30 PM	Dr. Rupesh Shukla, ILVA College, Indore	● Institutional roadmap for IKS integration ● Technology-enabled implementation strategies
	12:30-12:45 PM		Discussion
	12:45-2:00 PM		Lunch Break
	2:00-3:30 PM	Dr. Preeti Pandey, MU	● Policy With NEP 2020
	3:30-3:45 PM		Discussion
	3:45-4:00 PM		Tea

Day 4 (16 Jan. 2026, Friday)

Day 4 (Governance & Implementation)	9:15-10:30 AM	Dr. Pooja Singh, MU	● Yog as a Living Indian Knowledge System: A Demonstration Session Aligned with NEP 2020
	10:30-11:00 AM		Breakfast
	11:00 AM-12:00 PM	Dr. Ajay Kulkarni, MU	● Pedagogy of NEP 2020 in Context of IKS
	12:00-12:15 PM		Discussion
	12:15-1:15 PM		Lunch Break
	1:15-4:45 PM		Visit to a Historical Place in Indore City

Day 5 (17 Jan. 2026, Saturday)

Day 5 (Action, Planning & Way Forward)	10:00-11:30 AM	Pt. Bharat Kumar Tiwari, Jantar Mantar, Ujjain	● वास्तु के अनुसार वेदशालाएँ
	11:30-11:45 AM		Discussion
	11:45 AM-12:15 PM		Feedback & Certification
	12:15-12:45 PM		Closing Remarks & Vote of Thanks by the Convener
	12:45-1:30 PM		Lunch

List of Participants:

S.No.	Name of Participant	Mobile No.	Department
1	Ms. Aarti Pathak	8435887878	Chemistry
2	Ms. Aayushi Mehta	9111980830	Physics
3	Mr. Abdul Rafik Khan	7566696697	Mathematics
4	Ms. Aditi Jain	9752253552	Physics
5	Mr. Ajay Biswas	8305509858	Forensic Science
6	Ms. Akshika Verma	7746012208	Mathematics
7	Ms. AMISHA JOSHI NA	6261332915	Mathematics
8	Ms. Anjali Dubey	8299259405	Forensic Science
9	Ms. ANJALI KUMAWAT	7898227114	Mathematics
10	Dr. Archana Dubey	9893320182	Mathematics
11	Ms. Ayushi Pawar	9179349864	Forensic Science
12	Ms. DIKSHA PATIDAR	7354214495	Mathematics
13	Ms. Divita	9630025541	Mathematics
14	Dr Ashok Kumar	9459167115	Physics
15	Dr Keerti Acharya	8982266880	Mathematics
16	Dr Kirty Jadhav	9424513201	Mathematics
17	Dr Mahesh Dhonde	9713914636	Physics
18	Dr Mamta Gour	9826875750	Chemistry
19	Dr Mithun Kumar Ghosh	9932635376	Chemistry
20	Dr Neelam George	9926012158	Mathematics
21	Dr Pranjali Kekre	9826533329	Mathematics
22	Dr Priyanka karandikar	8652726244	Mathematics
23	Dr Shailendra Kumar Dwivedi	9340010351	Physics
24	Dr Shalini Sharma	7566808007	Chemistry
25	Dr. Anjali Soni	9926530449	Chemistry
26	Dr. Ankit Soni	8962204957	Physics
27	Dr. Bharti Agrawal	9691229909	Mathematics
28	Dr. Bhavana Kshirsagar	8889873154	Physics
29	DR. BIDHAN HAZRA	9454811279	Chemistry
30	Dr. Chhote Raja Patle	9424335673	Forensic Science

S.No.	Name of Participant	Mobile No.	Department
31	Dr. Deepali Biniwale	9977856801	Mathematics
32	Dr. Deepti Pal	9146097172	Chemistry
33	Dr. Garima Khare	9584179188	Mathematics
34	Dr. Kanhaiya Jha	9872328782	Physics
35	Dr. Megha shrivastava	9755817418	Mathematics
36	Dr. Neetik Mukherjee	9163413099	Chemistry
37	Dr. Nidhi Manglani	9131077939	Mathematics
38	Dr. Pallavi Pandit	9755260066	Physics
39	Dr. Priya Chauhan	9340114419	Chemistry
40	Dr. Priya Singh	9981754913	Physics
41	Dr. Rahul Dravid	7974103362	Mathematics
42	Dr. Shejal Gupta	8959880003	Mathematics
43	Dr. Tapan Ghosh	8967270075	Chemistry
44	Dr. Ashish Kumar Soni	9752688229	Mathematics
45	Ms. Mala Mangwani	7089515285	Physics
46	Mr. MITHLESH JANI	8962446597	Forensic Science
47	Ms. Neha Modak	9407267667	Mathematics
48	Ms. NIDHI DESHMUKH	7748994395	Mathematics
49	Ms. Nisreen te zabwala	9406616672	Chemistry
50	Ms Priya Yadav	8839180679	Physics
51	Ms Priyanka Sisodiya	7067593714	Mathematics
52	Mr. Rajendra Kumar Sharma	9340543443	Chemistry
53	Ms. Rupali Joshi	8109283820	Physics
54	Mr. SACHIN KHER	9826148441	Mathematics
55	Dr. Satish Rai	8823897378	Forensic Science
56	Ms. SHIKHA KAUSHAL	7000069771	Physics
57	Ms. Shruti Vyas	7693846777	Physics
59	Ms. Supriya Tomar	7000132852	Forensic Science
60	Mr. Ujjwal Mahajan	7773867176	Physics
61	Dr. Bindiya Tater	9610958099	Management Studies
62	Ms. Khushbu katiyar	9589237929	Forensic Science
63	Dr. P. Hari Krishna	7415362 549	Physics

Registration Kit:



Registration for the 5-Day Faculty Development Programme on **“Technology-Integrated Indian Knowledge Systems (IKS) in Higher Education: NEP-2020 Perspective”** commenced at 10:00 AM on the first day of the programme. The registration process was smoothly coordinated by Dr. Priya Singh, FDP Coordinator. Each participant received a registration kit comprising the FDP brochure and programme schedule, writing pad and pen, participant ID badge, and an information sheet related to the IKS and NEP-2020 theme. Necessary registration formalities were completed prior to the inaugural session, ensuring the timely and organized commencement of the programme.



Report on Day 1 of the Faculty Development Programme

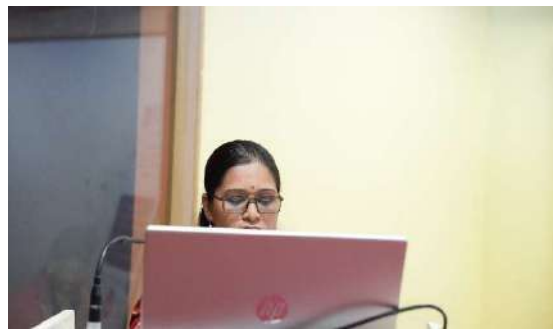
The inaugural ceremony of the 5-Day Faculty Development Programme on *“Technology-Integrated Indian Knowledge Systems (IKS) in Higher Education: NEP-2020 Perspective”* was held with great academic enthusiasm. The ceremony was graced by the presence of the Hon’ble Pro Vice-Chancellor, Prof. A. A. Koser, Director of Academic Affairs (DoAA), Dr. Preeti Jain, Director of Faculty Excellence (DoFE), and Heads of various departments. The programme commenced with a warm welcome address by the Convener, **Prof. Ajay Kulkarni**, who outlined the objectives and significance of the FDP. A total of 64 faculty members actively participated in the inaugural session.

The first technical session was delivered by **Dr. R. K. Khare**, who presented an insightful lecture on *“Overview of NEP-2020 and the IKS Mandate.”* He elaborated on the transformative vision of NEP-2020, emphasizing holistic, multidisciplinary, and value-based education rooted in India’s rich intellectual traditions. The session highlighted the philosophical foundations of Indian Knowledge Systems, including their scientific temper, ethical orientation, and experiential learning approaches. Dr. Khare explained the need to integrate IKS into curriculum design, pedagogy, and research frameworks to promote cultural rootedness alongside global competence. He also discussed policy provisions supporting IKS implementation in higher education institutions across the country.

The second session was conducted by **Dr. Malyaj Das, Professor In-Charge, IKS Cell**, on *“Indian Knowledge Systems as the Foundation of Atmanirbhar Bharat”*. The lecture effectively connected traditional knowledge frameworks with contemporary academic practices, emphasizing the role of IKS in building a self-reliant and value-based education system. He elaborated on India’s rich scientific heritage, educational philosophy, and the role of indigenous knowledge and local skills in promoting economic self-reliance, effectively linking IKS with contemporary academic and national development goals.

Overall, the Day 1 sessions were intellectually enriching and successfully established a strong academic foundation for the remaining days of the FDP.





Feedback & Response:

Feedback Form of the session: Overview of NEP 2020 and IKS Mandate & Philosophical Roots of IKS in Education by Dr. R. K. Khare, SGSITS, Indore

Thank you for participating in the TI-IKS FDP 2026. Kindly fill out this feedback form to help us improve and understand your experience better.

Rating Scale: 1 Star (Poor), 2 Stars (Fair), 3 Stars (Average), 4 Stars (Good), 5 Stars (Excellent)

* Indicates required question

1. Participant Name *

2. Department *

3. Understanding of IKS mandate after the talk *

1 2 3 4 5

☆ ☆ ☆ ☆ ☆

4. Quality of presentation by the resource person *

1 2 3 4 5

☆ ☆ ☆ ☆ ☆

5. Rate the overall Session *

1	2	3	4	5
☆	☆	☆	☆	☆

6. Usefulness of the session for you academically/professionally *

1	2	3	4	5
☆	☆	☆	☆	☆

7. Clarity of concepts on NEP 2020 *

1	2	3	4	5
☆	☆	☆	☆	☆

8. Suggestions, If any *

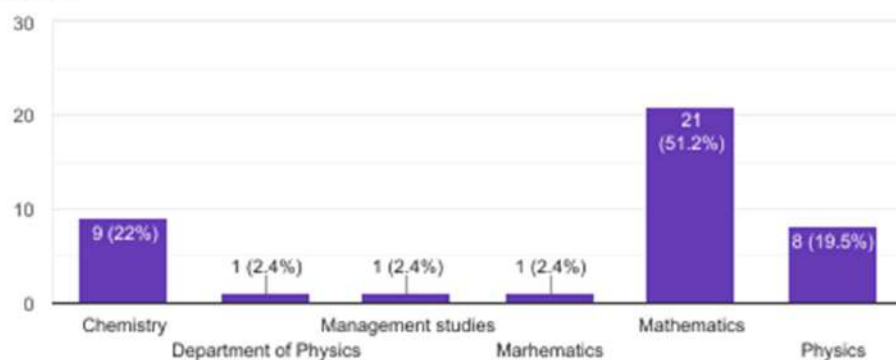
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Department

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41 responses

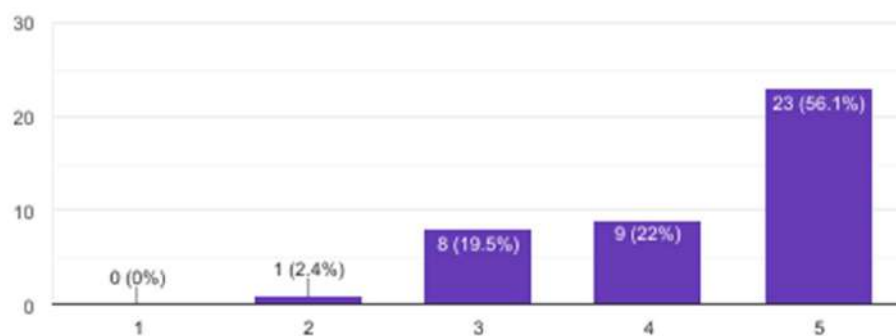


Understanding of IKS mandate after the talk

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41 responses

Average rating (4.32)

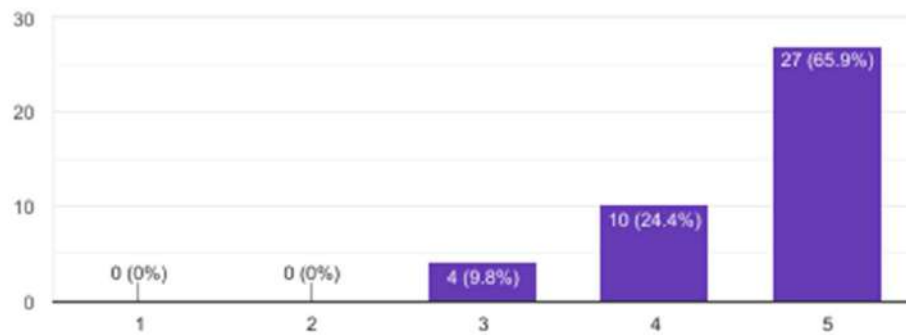


Quality of presentation by the resource person

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41 responses

Average rating (4.56)

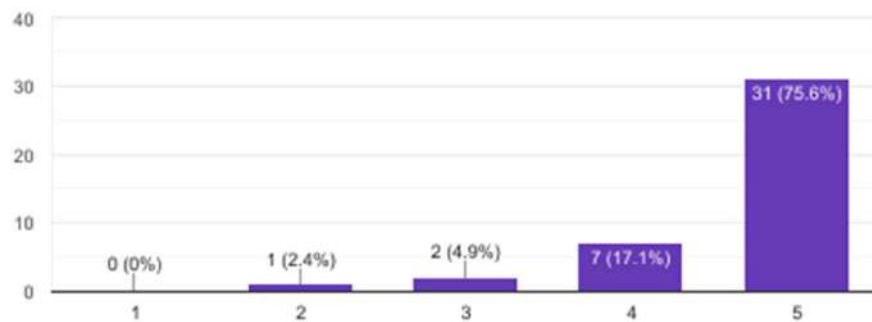


Rate the overall Session

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41 responses

Average rating (4.66)

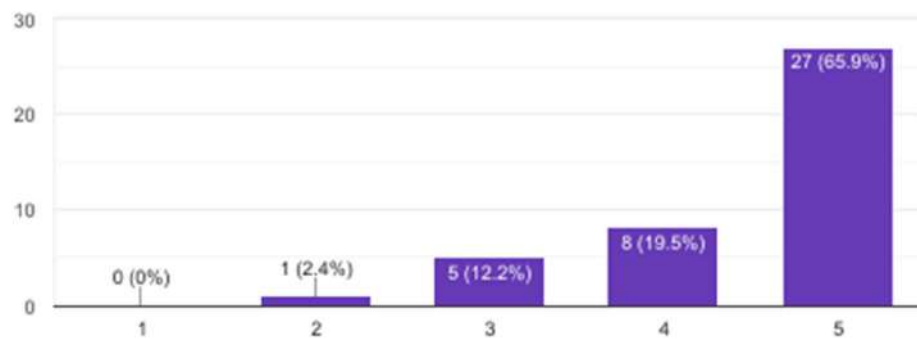


Usefulness of the session for you academically/professionally



41 responses

Average rating (4.49)

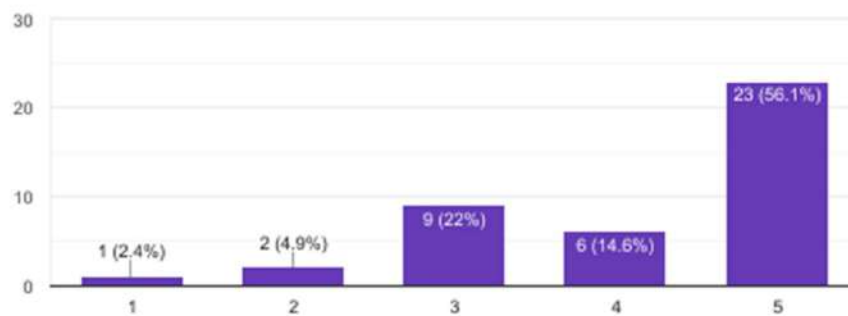


Clarity of concepts on NEP 2020



41 responses

Average rating (4.17)



Suggestions, If any

41 responses

No

NA

Nice

None

All good

V.nice session

No suggestion

Nice

Satisfaction

It was awesome

Sesssion was good

Informative session

No suggestion

It was Excellent

No Suggestion

Please share the PPT of IKS mandate given by Dr. Khare Sir.

No comments

Share the ppt for more IKS knowledge mendate

Excellent session

None

Nice session

The presentation was very informative and more such fdp should be organised .

.

All are good

All

The session should be very precise of one topic as it's very vast knowledge.

Very informative session

No

Informative

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Indian Knowledge System as the Foundation of Atmanirbhar Bharat by Dr. Malyaj Das , MU, Indore on 13th January 2026

Thank you for participating in the TI-IKS FDP 2026. Kindly fill out this feedback form to help us improve and understand your experience better.

Rating Scale: 1 Star (Poor), 2 Stars (Fair), 3 Stars (Average), 4 Stars (Good), 5 Stars (Excellent)

** Indicates required question*

1. Participant Name *

2. Department *

3. Understanding the challenges in integrating IKS with contemporary science education. *

1 2 3 4 5



4. Relevance of IKS as a foundation for Atmanirbhar Bharat. *

1	2	3	4	5
☆	☆	☆	☆	☆

5. Understanding of IKS in our daily life *

1	2	3	4	5
☆	☆	☆	☆	☆

6. Content organization and delivery by the resource person *

1	2	3	4	5
☆	☆	☆	☆	☆

7. Clarity of concepts related to the Indian Knowledge System (IKS): *

1	2	3	4	5
☆	☆	☆	☆	☆

8. Topics you would like to learn more about related to IKS. *

9. Suggestions for improvement *

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Indian Knowledge System as the Foundation of Atmanirbhar Bharat by Dr. Malyaj Das , MU, Indore on 13th January 2026

36 responses

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Participant Name

36 responses

Neha Modak
Anjali Kumawat
Dr Pranajli Kekre
Dr. Ankit
Priyanka Sisodiya
Dr. Megha shrivastava
Khushbu katiyar
Dr. Nidhi Manglani
Supriya Tomar
Satish Rai
Dr Neelam George
Akshika Verma
Ayushi Pawar
Dr Garima Khare
Aarti Pathak
Abdul Rafik Khan
Divita Sharma
Dr. Deepali Biniwale
Dr Shailendra Kumar Dwivedi
Priya Yadav

Aayushi Mehta

Shruti Vyas

Dr. Bindiya tater

Dr. Bharti Agrawal

Dr. Pallavi Pandit

Amisha joshi

Dr. Rahul David

Dr Ashok Kumar

DIKSHA PATIDAR

Dr. Mithun Kumar Ghosh

Archana Dubey

Dr. Deepti Pal

Dr Ashish Kumar Soni

Nisreen Tezabwala

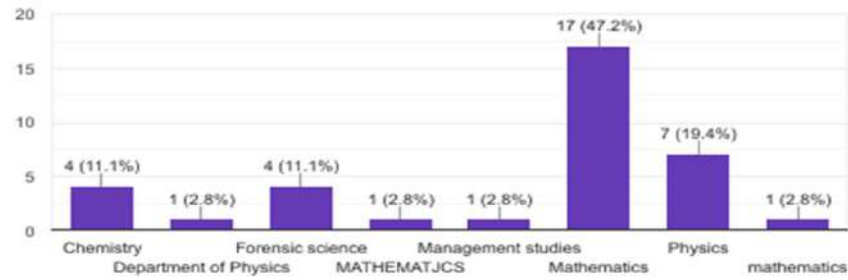
Ujjwal Mahajan

Dr. Shejal Gupta

Department

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36 responses

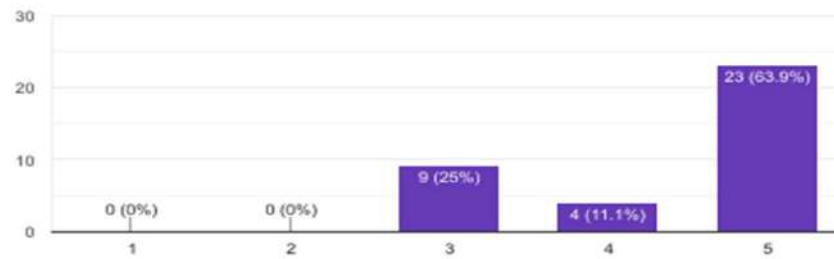


Understanding the challenges in integrating IKS with contemporary science education.

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36 responses

Average rating (4.39)

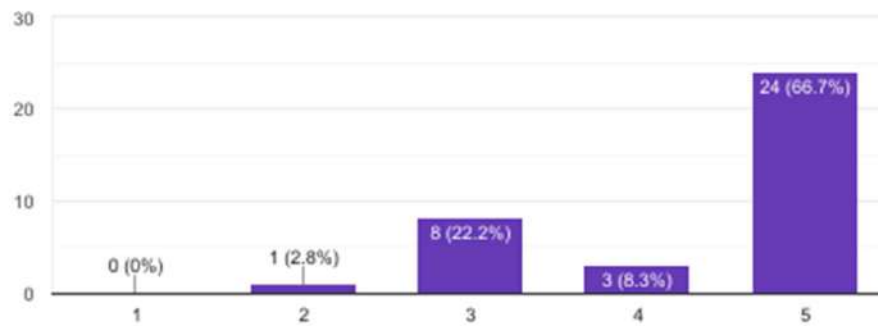


Relevance of IKS as a foundation for Atmanirbhar Bharat.

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36 responses

Average rating (4.39)

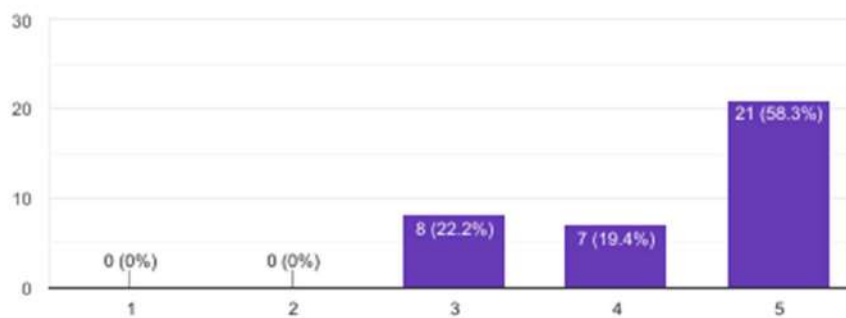


Understanding of IKS in our daily life

 Copy

36 responses

Average rating (4.36)

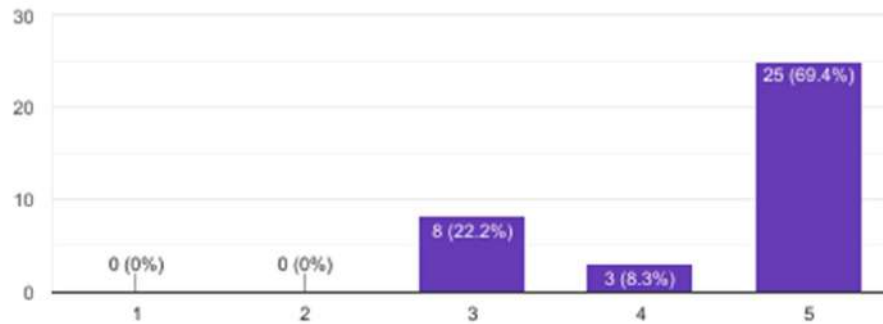


Content organization and delivery by the resource person

[Copy](#)

36 responses

Average rating (4.47)

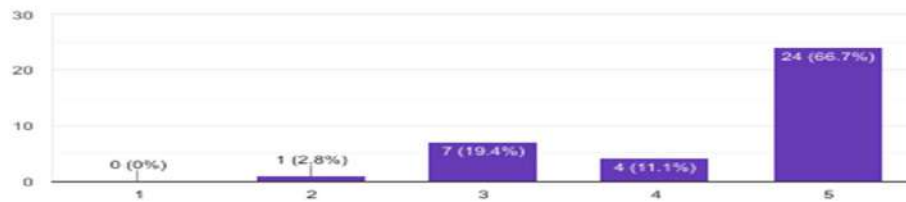


Clarity of concepts related to the Indian Knowledge System (IKS):

[Copy](#)

36 responses

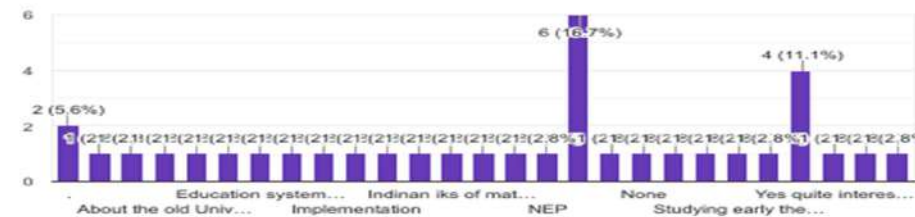
Average rating (4.42)



Topics you would like to learn more about related to IKS.

[Copy](#)

36 responses



Day 2 Report on Day 2 of the Faculty Development Programme

Day 2 of the 5-Day Faculty Development Programme on *“Technology-Integrated Indian Knowledge Systems (IKS) in Higher Education: NEP-2020 Perspective”* was conducted with great academic enthusiasm and intellectual engagement.

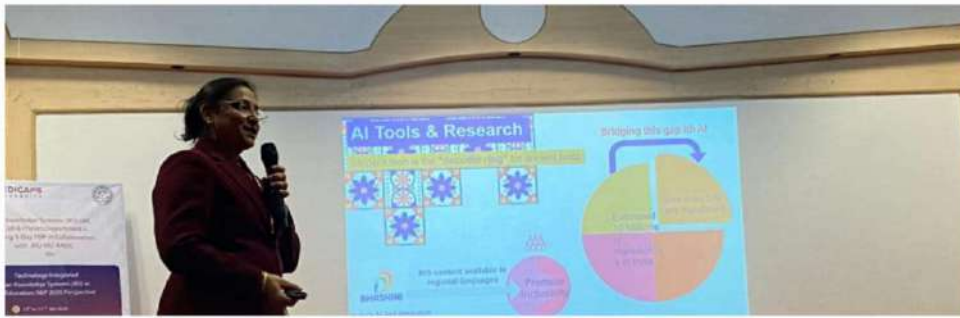
The first technical session was delivered by **Dr. Swagata Gupta**, who presented a comprehensive lecture on *“Integrating IKS in Higher Education: Digital Platforms, AI Tools and Pedagogical Practices.”* She emphasized the strategic integration of Indian Knowledge Systems within modern academic frameworks through the use of digital technologies, artificial intelligence tools, and innovative teaching methodologies. The session highlighted how traditional knowledge can be documented, preserved, and disseminated effectively using contemporary digital platforms. She further elaborated on curriculum redesign, experiential learning, blended pedagogy, and outcome-based education aligned with NEP-2020, enabling institutions to foster culturally rooted yet technologically advanced learners.

On the auspicious occasion of **Makar Sankranti**, the Hon’ble Vice-Chancellor sir delivered a thought-provoking and inspiring address. He beautifully explained the scientific basis of the festival by relating the movement of celestial bodies, particularly the Sun’s transition during Uttarayan, with India’s traditional celebrations. His address highlighted the deep scientific temper embedded in Indian culture and underscored the importance of integrating IKS into mainstream education. The session encouraged participants to view Indian traditions through a scientific and research-oriented lens.

The third technical session was delivered by **Dr. Sunil Upadhyay (Dean of Planning Affairs)** on *“Indian Knowledge Systems (IKS) and Climate Change.”* The lecture focused on the relevance of Sustainable Development Goals (SDGs) and the pressing global challenge of climate change. He discussed contemporary environmental concerns, recent climatic trends, and their socio-economic impacts. Dr. Upadhyay emphasized the role of traditional Indian agricultural practices, ecological wisdom, and community-based knowledge systems in promoting sustainability and environmental balance. The session effectively connected indigenous knowledge with modern sustainability frameworks.

Overall, the Day 2 sessions were intellectually enriching, interdisciplinary in nature, and highly relevant to contemporary educational and environmental challenges. The discussions strengthened participants’ understanding of technology-integrated IKS and further reinforced the academic objectives of the Faculty Development Programme.





Feedback & Response:

Feedback form of Session: Integrating Indian Knowledge Systems in Higher Education: Digital Platforms, AI Tools, and Pedagogical Practices by Dr. Swagata Gupta, Holkar Science College, Indore

Thank you for participating in the TI-IKS FDP 2026. Kindly fill out this feedback form to help us improve and understand your experience better.

Rating Scale: 1 Star (Poor), 2 Stars (Fair), 3 Stars (Average), 4 Stars (Good), 5 Stars (Excellent)

* Indicates required question

1. Participant Name *

2. Department *

3. Understanding of IKS mandate in Higher Education *

1 2 3 4 5



4. Use of ICT, AI TOOLS and Pedagogical Practices to providing modern education in colleges and schools *

1	2	3	4	5
☆	☆	☆	☆	☆

5. Clarity of Concept and relevance of Indian Knowledge System *

1	2	3	4	5
☆	☆	☆	☆	☆

6. Usefulness of the session for you academically/professionally *

1	2	3	4	5
☆	☆	☆	☆	☆

7. Rate the overall Session *

1	2	3	4	5
☆	☆	☆	☆	☆

8. Quality of presentation by the resource person *

1	2	3	4	5
☐	☐	☐	☐	☐

9. Suggestions, If any *

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Feedback form of Session: Integrating Indian Knowledge Systems in Higher Education: Digital Platforms, AI Tools, and Pedagogical Practices by Dr. Swagata Gupta, Holkar Science College, Indore

45 responses

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Participant Name

45 responses

Sachin kher

Shruti vyas

Ayushi Pawar

DIKSHA PATIDAR

Dr. Deepali Biniwale

Abdul Rafik Khan

Dr Garima Khare

Dr Shailendra Kumar Dwivedi

Aditi Jain

Priya Yadav

Supriya tomar

Mala Mangwani

Dr. Shejal Gupta

Dr. Neelam George

Dr Mahesh Dhonde

Satish Rai

Dr. Priya Chauhan

Dr. Rahul Dravid

Anjali Kumawat

Shikha kaushal

Aarti Pathak

Dr. Kanhaiya Jha

Khushbu katiyar

Dr. Ankit Soni

Dr megha shrivastava

Nisreen Tezabwala

Dr Mithun Kumar Ghosh

Amisha joshi

Aayushi Mehta

Divita Sharma

Anjali Dubey

Dr kirty jadhav

Dr Shalini Sharma

Dr Ashok Kumar

Keerti Acharya

Priyanka Sisodiya

Archana Dubey

Dr. Deepti Pal

Dr. Nidhi Manglani

Dr Mamta Gour

Nidhi Deshmukh

Dr Ashish Kumar Soni

Dr. Pallavi Pandit

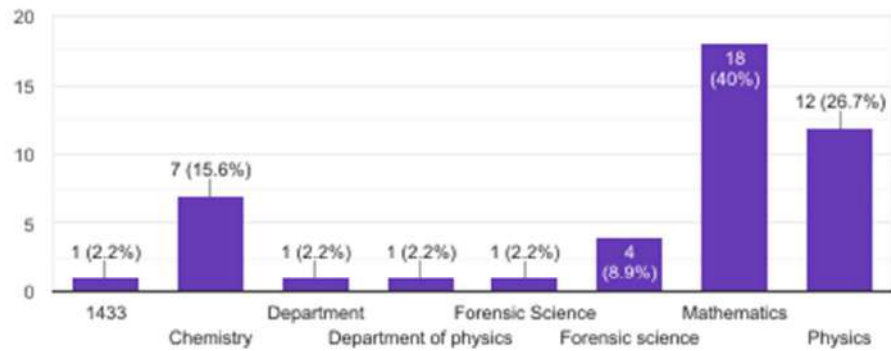
Dr. Priya Singh

Dr. Bharti Agrawal

Department

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45 responses

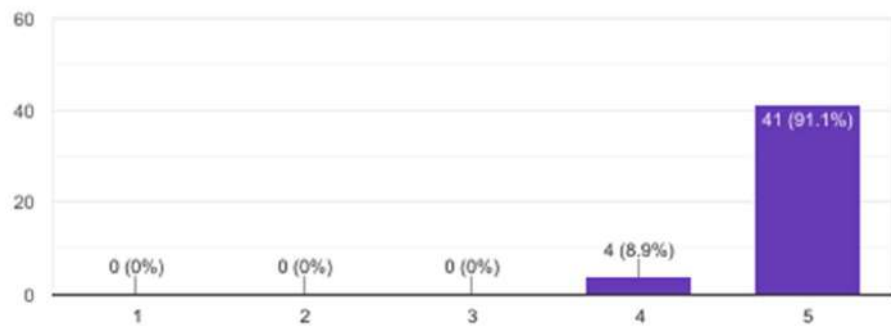


Understanding of IKS mandate in Higher Education

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45 responses

Average rating (4.91)



Use of ICT, AI TOOLS and Pedagogical Practices to providing modern education in colleges and schools

 Copy

45 responses



Clarity of Concept and relevance of Indian Knowledge System

 Copy

45 responses



Usefulness of the session for you academically/professionally

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45 responses

Average rating (4.91)

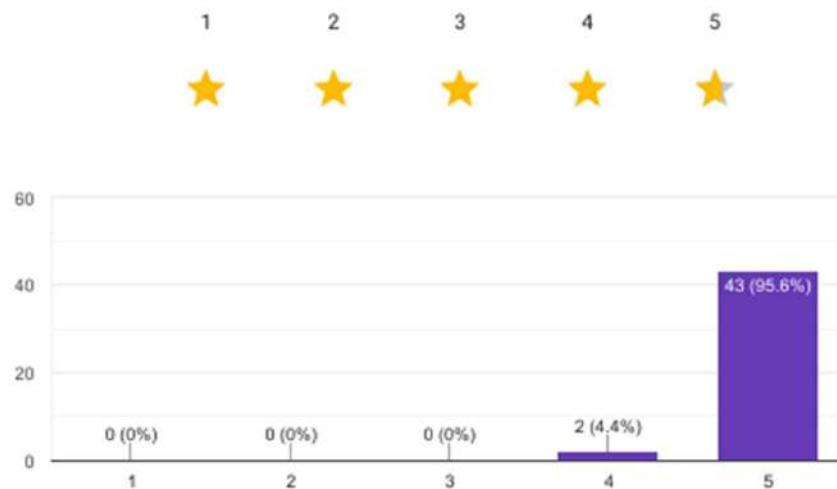


Rate the overall Session

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45 responses

Average rating (4.96)

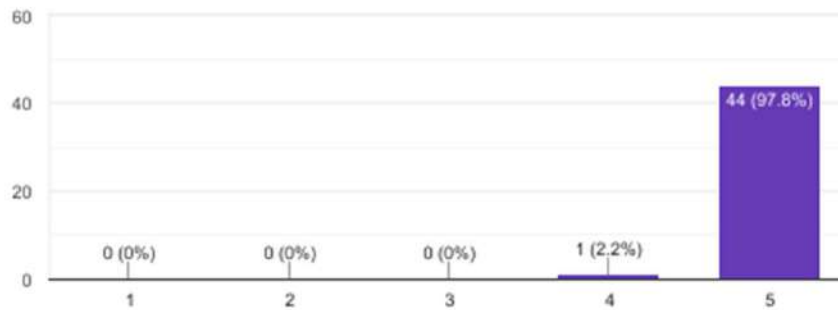


Quality of presentation by the resource person

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45 responses

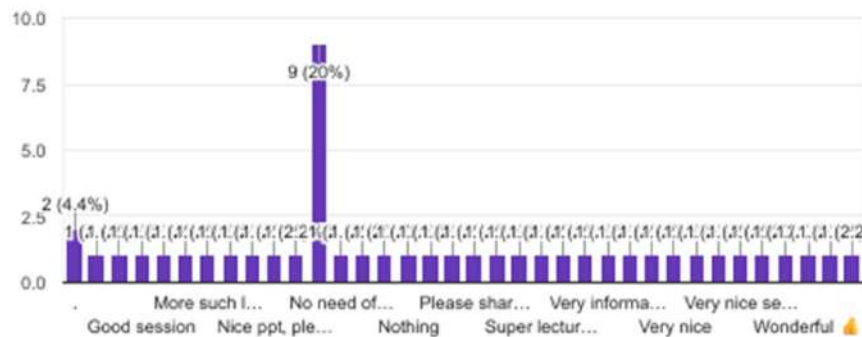
Average rating (4.98)



Suggestions, If any

 Copy

45 responses



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Feedback Session: IKS & Climate Change by Dr. Sunil Upadhyay, MU, Indore on 14th January 2026

Thank you for participating in the TI-IKS FDP 2026. Kindly fill out this feedback form to help us improve and understand your experience better.

Rating Scale: 1 Star (Poor), 2 Stars (Fair), 3 Stars (Average), 4 Stars (Good), 5 Stars (Excellent)

* Indicates required question

1. Participant Name *

2. Department *

3. The connection between IKS and Climate change *

1 2 3 4 5



4. Understanding IKS implementation with Climate change in our society *

1 2 3 4 5



5. Usefulness of the session for you academically/professionally *

1 2 3 4 5

☆ ☆ ☆ ☆ ☆

6. Rate the overall Session *

1 2 3 4 5

☆ ☆ ☆ ☆ ☆

7. Quality of presentation by the resource person *

1 2 3 4 5

☆ ☆ ☆ ☆ ☆

8. Suggestions, If any *

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Google Forms

Feedback Session: IKS & Climate Change by Dr. Sunil Upadhyay, MU, Indore on 14th January 2026

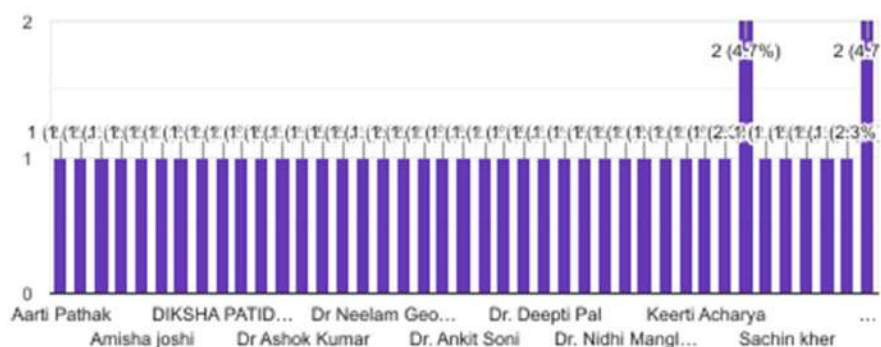
43 responses

[Publish analytics](#)

Participant Name

[Copy](#)

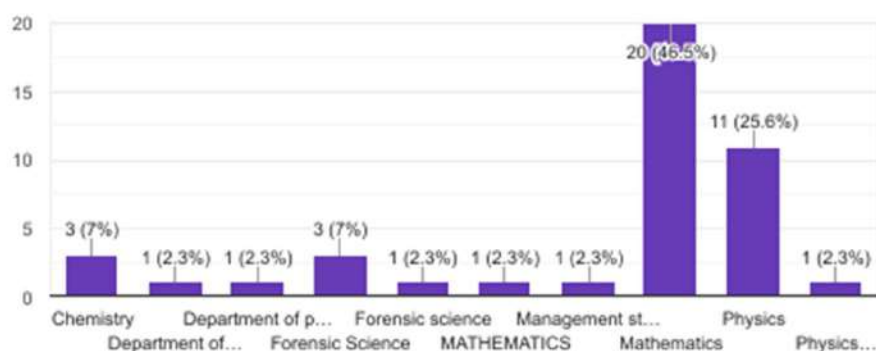
43 responses



Department

[Copy](#)

43 responses

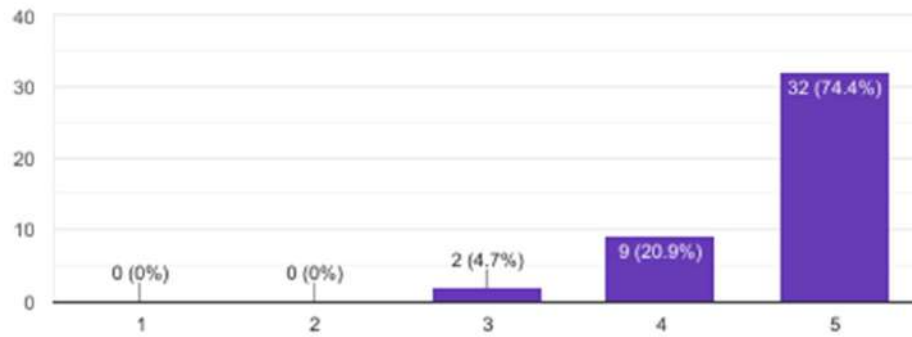


The connection between IKS and Climate change

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43 responses

Average rating (4.70)

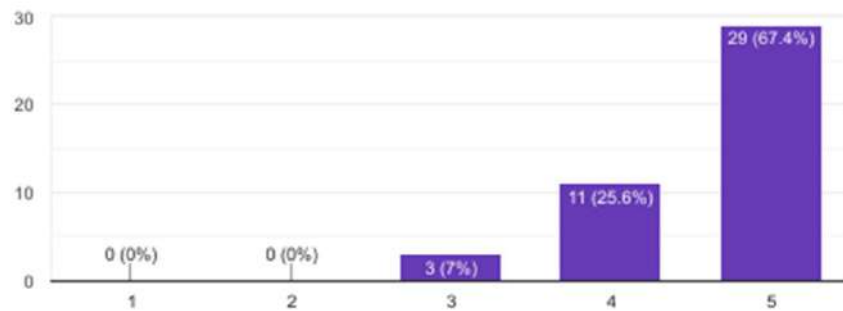


Understanding IKS implementation with Climate change in our society

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43 responses

Average rating (4.60)

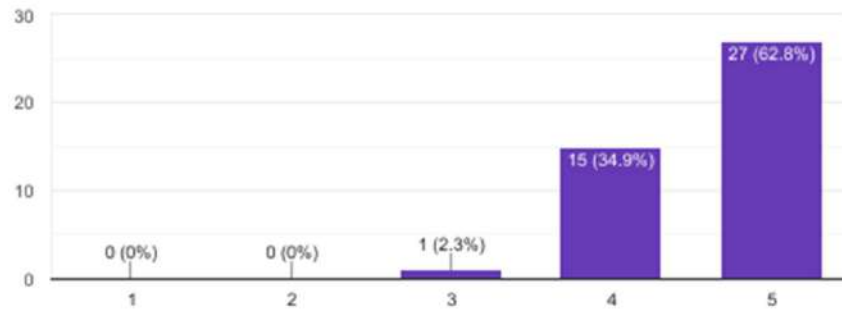


Usefulness of the session for you academically/professionally

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43 responses

Average rating (4.60)

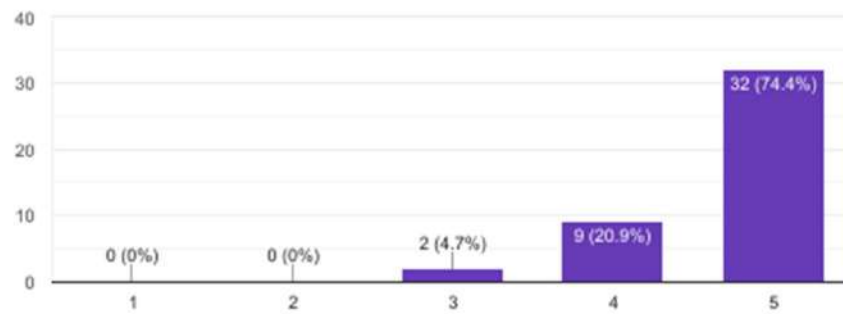


Rate the overall Session

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43 responses

Average rating (4.70)

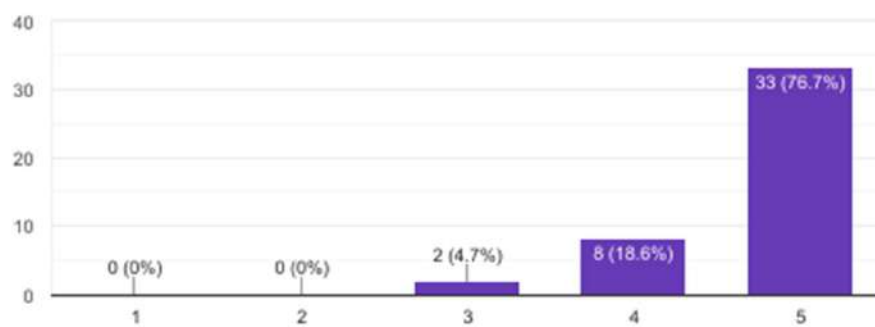


Quality of presentation by the resource person

 Copy

43 responses

Average rating (4.72)



Suggestions, If any

43 responses

No

Nice

NA

Nil

-

-

We should do plantation and take care until it becomes big tree

Very nice information

No suggestion

Nice Session

More sessions

Wonderful

Please share the PPT

It was nice

Excellent and impressive session

All ok

None

Good session

No suggestion

Prof upadhyay sir delivered the content about use of IKS in agriculture and climate change for sustainable development in very well defined and easy manner . Thank you Dr Upadhyay



Nicely conducted

No need

no

Wonderful presentations

--

No

Excellent

None

Nice

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Report on Day 3 of the Faculty Development Programme

Day 3 of the 5-Day Faculty Development Programme on *“Technology-Integrated Indian Knowledge Systems (IKS) in Higher Education: NEP-2020 Perspective”* was conducted with focused discussions on institutional implementation and policy alignment under NEP-2020.

The first technical session was delivered by Dr. Rupesh R. Shukla, Principal, ILVA College, on the topic *“Institutional Roadmap for IKS Integration.”* The session provided a structured framework for embedding Indian Knowledge Systems into higher education institutions through strategic planning and governance mechanisms. Dr. Shukla elaborated on curriculum restructuring, interdisciplinary course design, faculty capacity building, research orientation, and documentation practices aligned with accreditation standards. He emphasized the importance of institutional vision, leadership commitment, and systematic policy implementation in mainstreaming IKS across departments. The session offered practical insights into aligning IKS initiatives with outcome-based education, quality assurance processes, and NEP-2020 mandates.

The second technical session was delivered by Dr. Preeti Pandey, Dean of Management, on *“Policy with NEP-2020.”* She provided a comprehensive overview of the policy framework and its transformative vision for Indian higher education. Dr. Pandey highlighted the significance of integrating Indian traditions, ethical values, and indigenous knowledge into modern academic systems. She discussed multidisciplinary education, flexibility in curriculum, research-driven learning, and global benchmarking of institutions. Emphasizing the relevance of traditional knowledge in contemporary contexts, she explained how management education and professional courses can incorporate sustainability, value-based leadership, and culturally rooted decision-making practices. Her lucid and well-structured presentation enabled participants to clearly understand the practical implications of NEP-2020 implementation at the institutional level.

Overall, the Day 3 sessions were highly informative, policy-oriented, and implementation-focused. The deliberations strengthened participants' understanding of institutional planning, governance, and strategic alignment required for effective integration of IKS under the NEP-2020 framework, thereby contributing meaningfully to the objectives of the Faculty Development Programme.



Feedback & Response:

Feedback Form: Institutional roadmap for IKS integration and Technology-enabled implementation strategies by Dr. Rupesh Shukla, ILVA College, Indore

Thank you for participating in the TI-IKS FDP 2026. Kindly fill out this feedback form to help us improve and understand your experience better.

Rating Scale: 1 Star (Poor), 2 Stars (Fair), 3 Stars (Average), 4 Stars (Good), 5 Stars (Excellent)

* Indicates required question

1. Email *

2. Participant Name *

3. Department *

4. Understanding the historical Foundation of IKS system

1 2 3 4 5



5. The importance of Implementation of IKS based course in our curriculum. *

1	2	3	4	5
☆	☆	☆	☆	☆

6. Encourage the involvement of Students towards IKS based course after this session *

1	2	3	4	5
☆	☆	☆	☆	☆

7. Quality of presentation by the resource person *

1	2	3	4	5
☆	☆	☆	☆	☆

8. Usefulness of the session for you academically/professionally *

1	2	3	4	5
☆	☆	☆	☆	☆

9. Quality of presentation by the resource person *

1 2 3 4 5



10. Suggestions, If any *

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Feedback Form: Institutional roadmap for
IKS integration and Technology-enabled
implementation strategies by Dr. Rupesh
Shukla, ILVA College, Indore

42 responses

[Publish analytics](#)

Participant Name

42 responses

Neha Modak

Aayushi Mehta

Ujjwal Mahajan

Dr Shalini Sharma

Dr. Rahul David

Priyanka Sisodiya

Abdul Rafik Khan

Sachin kher

Shruti Vyas

Dr. Pallavi Pandit

Dr. Priya Chauhan

Nisreen Tezabwala

Dr Bindiya Tater

Aarti Pathak

Amisha joshi

Nidhi Deshmukh

Divita Sharma

Anjali Dubey

Dr. Shejal Gupta

Dr. Deepti Pal

Dr kirty jadhav

Priya Yadav

Rupali Joshi

Archana Dubey

Dr. Nidhi Manglani

Aditi Jain

Dr Mamta Gour

Dr. Bharti Agrawal

Mala Mangwani

Dr Ashish Kumar Soni

Akshika Verma

Dr. Garima Khare

Dr Mithun Kumar Ghosh

Dr. Ankit Soni

Keerti Acharya

Satish Rai

Dr Mahesh Dhonde

Dr Ashok Kumar

DIKSHA PATIDAR

Dr. Rajendra Kumar Sharma

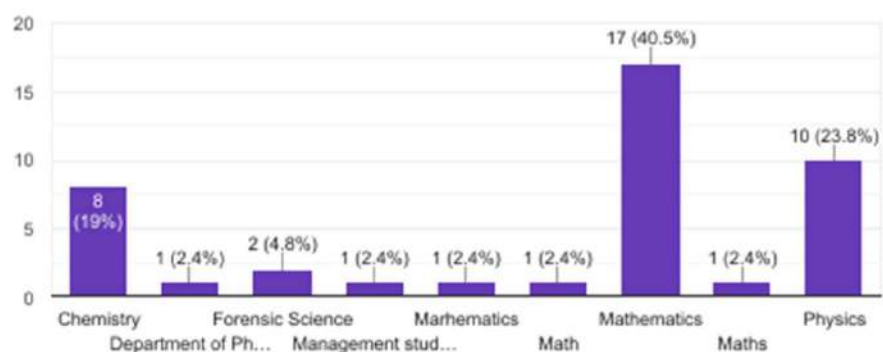
Dr. Neelam George

Dr. Deepali Biniwale

Department

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42 responses

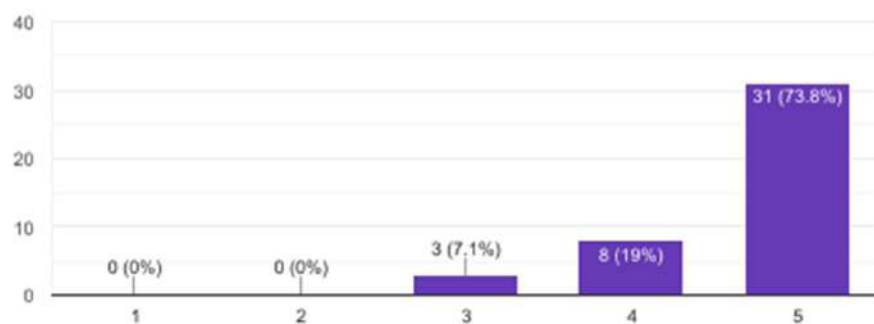


Understanding the historical Foundation of IKS system

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42 responses

Average rating (4.67)

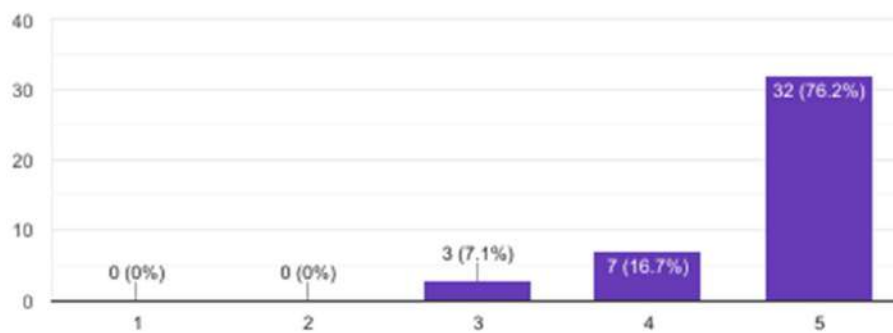


The importance of Implementation of IKS based course in our curriculum.

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42 responses

Average rating (4.69)

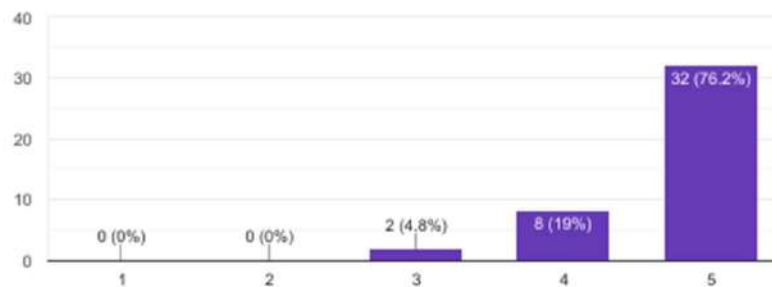


Encourage the involvement of Students towards IKS based course after this session

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42 responses

Average rating (4.71)

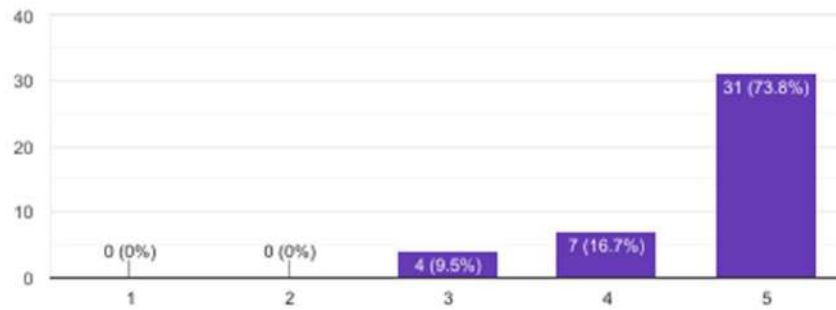


Quality of presentation by the resource person

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42 responses

Average rating (4.64)

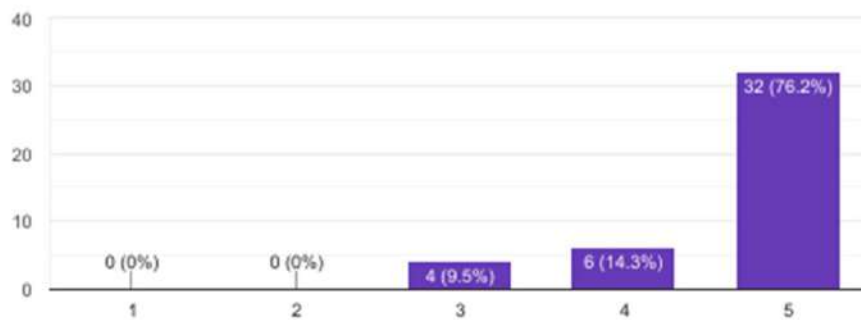


Usefulness of the session for you academically/professionally

 Copy

42 responses

Average rating (4.67)



Quality of presentation by the resource person

 Copy

42 responses

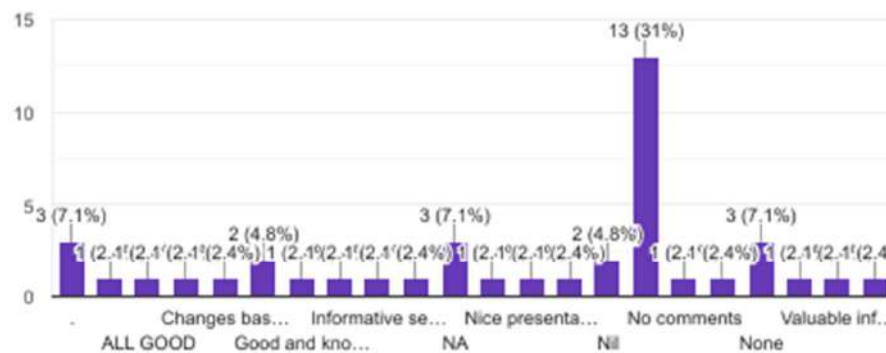
Average rating (4.69)



Suggestions, If any

 Copy

42 responses



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TI-IKS FDP 2026 Feedback Form of the Session: Policy With NEP 2020 by Dr. Preeti Pandey, MU, Indore on 15th January 2025

Thank you for participating in the TI-IKS FDP 2026. Kindly fill out this feedback form to help us improve and understand your experience better.

Rating Scale: 1 Star (Poor), 2 Stars (Fair), 3 Stars (Average), 4 Stars (Good), 5 Stars (Excellent)

** Indicates required question*

1. Participant Name *

2. Department *

3. Understanding the role of IKS in NEP *

1 2 3 4 5



4. Understanding Traditional IKS system for the Modern Society Growth *

1 2 3 4 5



5. Encourage the involvement of Students towards IKS based course after this session *

1	2	3	4	5
☆	☆	☆	☆	☆

6. Quality of presentation by the resource person *

1	2	3	4	5
☆	☆	☆	☆	☆

7. Usefulness of the session for you academically/professionally *

1	2	3	4	5
☆	☆	☆	☆	☆

8. Quality of presentation by the resource person *

1	2	3	4	5
☆	☆	☆	☆	☆

9. Suggestion If Any

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TI-IKS FDP 2026 Feedback Form of the Session: Policy With NEP 2020 by Dr. Preeti Pandey, MU, Indore on 15th January 2025

25 responses

[Publish analytics](#)

Participant Name

25 responses

Dr Neelam George

Dr kirty jadhav

Satish Rai

Dr. Bharti Agrawal

Mala Mangwani

Ayushi Pawar

Dr. Shejal Gupta

Neha Modak

Dr Ashok Kumar

Dr. Priya Chauhan

Dr. Rajendra Kumar Sharma

Dr Garima Khare

Ujjwal Mahajan

Dr. Nidhi Manglani

Dr Priyanka karandikar

Dr Ashish Kumar Soni

Dr Shalini Sharma

Amisha joshi

Shruti Vyas

Ajay Biswas

Keerti Acharya

Dr. Rahul Dravid

Dr. Deepti Pal

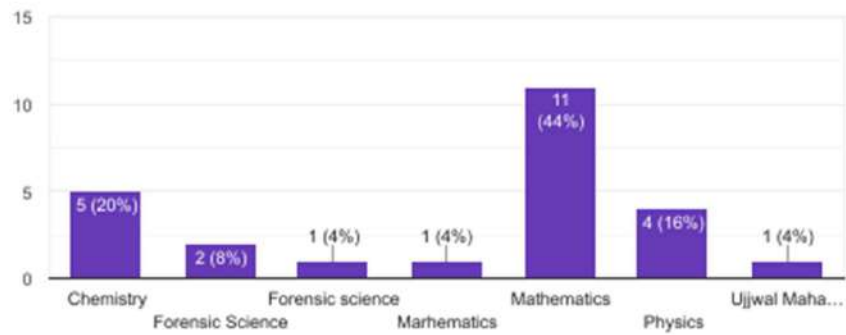
Aayushi Mehta

Dr. Deepali Biniwale

Department

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25 responses

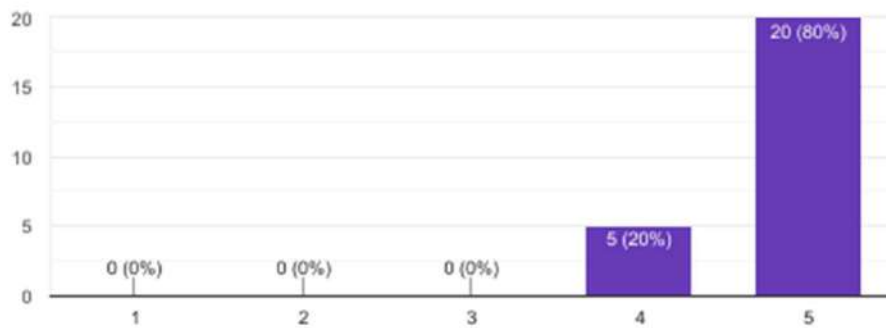


Understanding the role of IKS in NEP

 Copy

25 responses

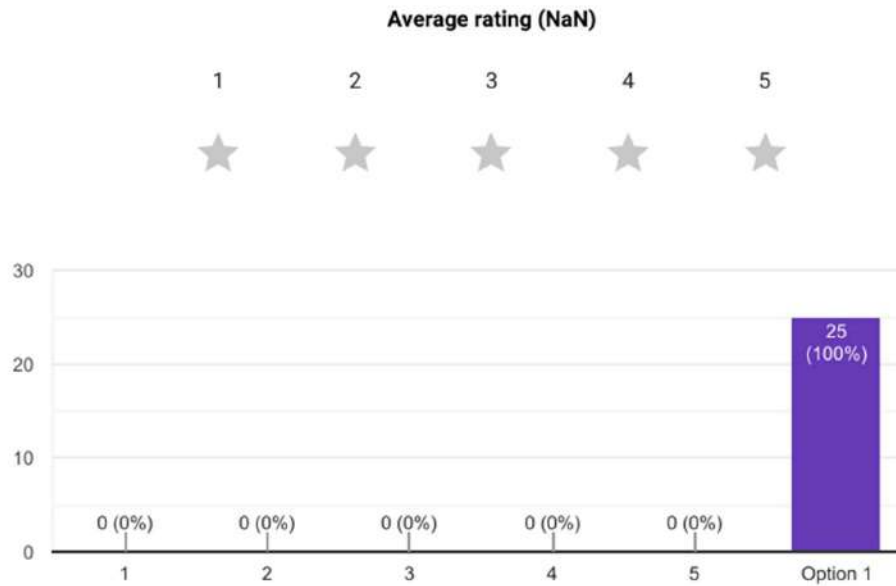
Average rating (4.80)



Understanding Traditional IKS system for the Modern Society Growth



25 responses



Encourage the involvement of Students towards IKS based course after this session



25 responses



Quality of presentation by the resource person

 Copy

25 responses



Usefulness of the session for you academically/professionally

 Copy

25 responses

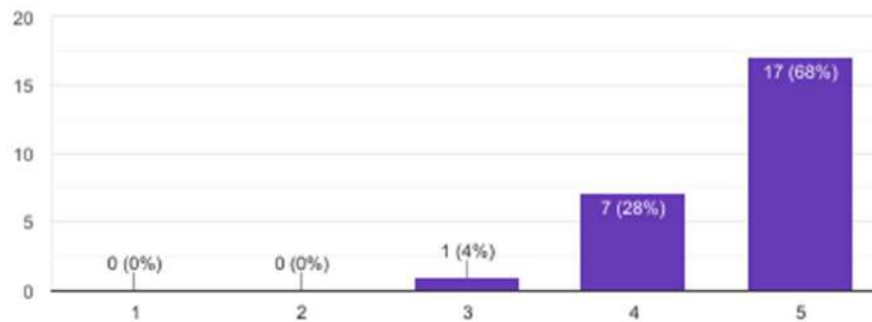


Quality of presentation by the resource person

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25 responses

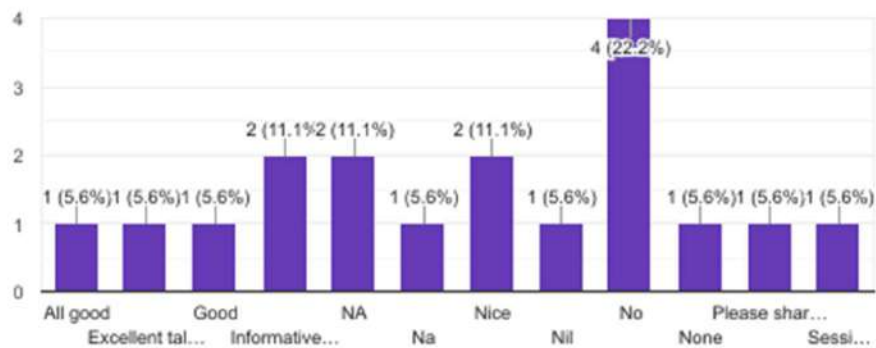
Average rating (4.64)



Suggestion If Any

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18 responses



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Day 4: Report on Day 4 of the Faculty Development Programme

Day 4 of the 5-Day Faculty Development Programme on *“Technology-Integrated Indian Knowledge Systems (IKS) in Higher Education: NEP-2020 Perspective”* was thoughtfully designed to blend experiential learning, pedagogical discourse, and cultural outreach.

The day commenced with an energizing Yoga session conducted by Dr. Pooja Singh, Professor In-Charge, Yoga and Spiritual Club. The session focused on Pranayama practices, emphasizing their significance in enhancing physical well-being, mental clarity, emotional balance, and concentration.

Dr. Singh highlighted Yoga as a living embodiment of Indian Knowledge Systems and its relevance in promoting holistic development among educators and learners. The practical demonstration encouraged participants to adopt mindful breathing techniques as part of daily academic and personal routines.

The second technical session was delivered by Dr. Ajay Kulkarni, Associate Dean (Core Engineering), on the topic *“Pedagogy of NEP-2020 in the Context of IKS.”* He elaborated on the core objectives of NEP-2020, including holistic education, multidisciplinary learning, experiential pedagogy, and value-based instruction. Dr. Kulkarni discussed strategies for integrating Indian Knowledge Systems into classroom teaching through innovative pedagogical approaches, curriculum design, project-based learning, and outcome-based assessment. He emphasized the need for learner-centric education that combines traditional wisdom with modern technological tools to foster critical thinking, ethical awareness, and cultural rootedness among students.

An outreach visit to **Janapav, the revered Janmabhoomi of Lord Parshuram**, was organized thereafter as part of experiential and heritage-based learning. The visit provided participants with insights into the historical, cultural, and spiritual significance of the site. It served as a practical illustration of how heritage spaces can be integrated into academic learning under the IKS framework. The experience was both informative and spiritually enriching, reinforcing the connection between Indian traditions and contemporary education.

The visit to Janapav enhanced participants’ understanding of **the cultural and historical significance of heritage sites**, fostering experiential learning and deeper appreciation of Indian Knowledge Systems in real-life contexts.

Overall, Day 4 successfully combined **wellness practices, academic discourse, and experiential learning**, further strengthening the objectives of the Faculty Development Programme.



Feedback & Response:

Feedback Session: Pedagogy of NEP 2020 in Context of IKS by Dr. Ajay Kulkarni, MU, Indore from 11:30 AM to 12:15 PM on 16th January 2026

Thank you for participating in the TI-IKS FDP 2026. Kindly fill out this feedback form to help us improve and understand your experience better.

Rating Scale: 1 Star (Poor), 2 Stars (Fair), 3 Stars (Average), 4 Stars (Good), 5 Stars (Excellent)

* Indicates required question

1. Participant Name *

2. Department *

3. Understand the Key aspect of NEP 2020 *

1 2 3 4 5



4. The connection between the ideology of IKS and NEP 2020 *

1 2 3 4 5



5. Importance of Digital Platform and Soft Skills according to NEP 2020 *

1	2	3	4	5
☆	☆	☆	☆	☆

6. Quality of presentation by the resource person *

1	2	3	4	5
☆	☆	☆	☆	☆

7. Usefulness of the session for you academically/professionally *

1	2	3	4	5
☆	☆	☆	☆	☆

8. Suggestion If Any *

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Google Forms

Participant Name

31 responses

Dr. Ankit Soni

Dr. Deepali Biniwale

Dr. Shejal Gupta

Dr Neelam George

Divita Sharma

Dr. Nidhi Manglani

Neha Modak

DIKSHA PATIDAR

Keerti Acharya

Priyanka Sisodiya

Amisha Joshi

Shruti Vyas

Dr kirty jadhav

Dr Mahesh Dhonde

Akshika Verma

Dr. PRIYA CHAUHAN

Aayushi mehta

Dr. Pallavi Pandit

Dr. Anjali Soni

Archana Dubey

Dr Mithun Kumar Ghosh

Dr Ashish Kumar Soni

Nidhi Deshmukh

Dr Shalini Sharma

Aarti Pathak

Dr. Bharti Agrawal

Dr Garima Khare

Priya Yadav

Dr Rajendra Kumar Sharma

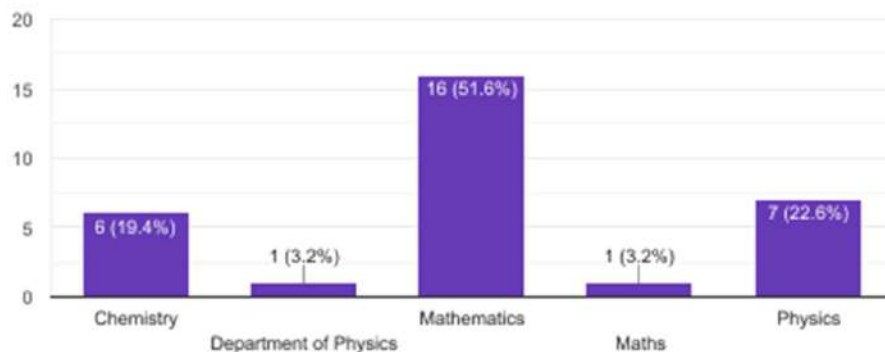
Ujjwal Mahajan

Dr Shallendra Kumar Dwivedi

Department

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31 responses



Understand the Key aspect of NEP 2020

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31 responses



The connection between the ideology of IKS and NEP 2020

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31 responses

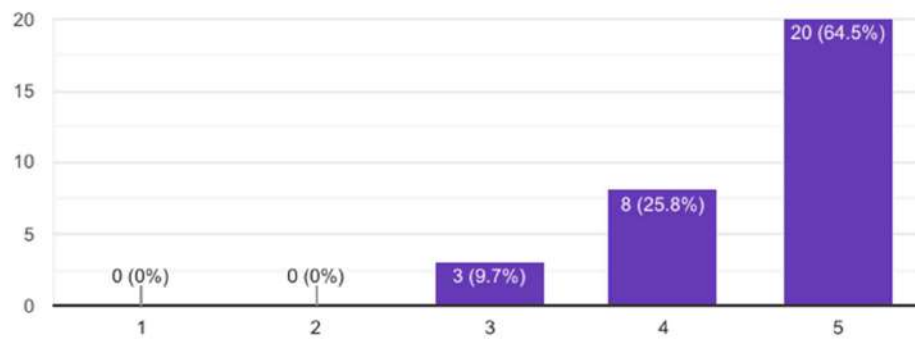


Importance of Digital Platform and Soft Skills according to NEP 2020

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31 responses

Average rating (4.55)

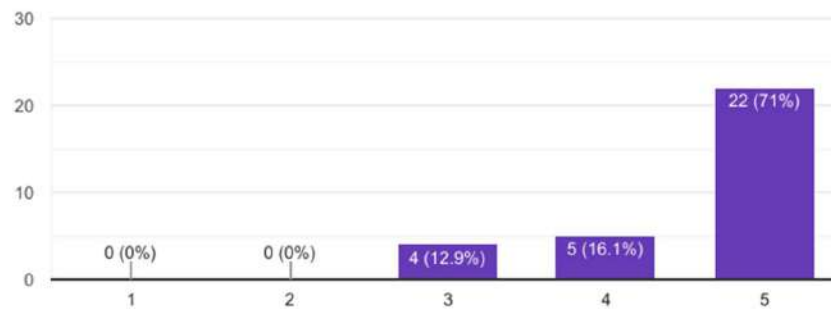


Quality of presentation by the resource person

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31 responses

Average rating (4.58)



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Average rating (4.61)

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Response Category	Count	Percentage
All good	3	9.7%
Informative	1	3.2%
It will be better if examples were more relevant	2	6.5%
Nice	1	3.2%
No	9	29%
Session was interactive	3	9.7%

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Google Forms



Janapav Outreach Visit of TI-IKS FDP 2026 on 16th January 2026

Kindly Fill The Google Form Only If You Will Join This Outreach Visit

* Indicates required question

1. Email *

2. Participant Name *

3. Department *

4. Employee ID *

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Janapav Outreach Visit of TI-IKS FDP 2026 on 16th January 2026

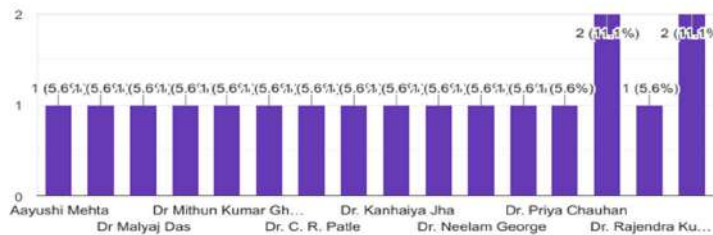
18 responses

[Publish analytics](#)

Participant Name

[Copy](#)

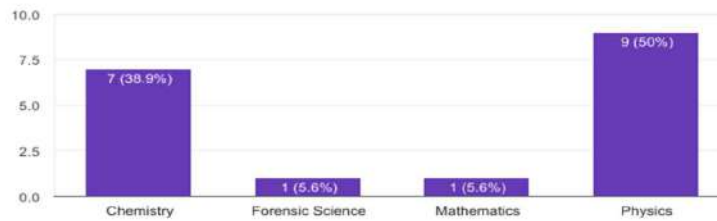
18 responses



Department

[Copy](#)

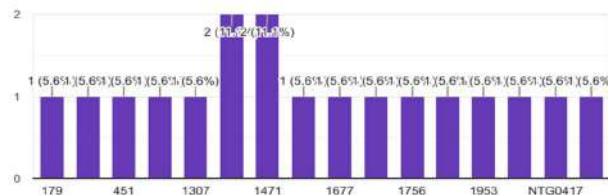
18 responses



Employee ID

[Copy](#)

18 responses



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Google Forms

Day 5

Day 5 marked the culmination of the 5-Day Faculty Development Programme on *“Technology-Integrated Indian Knowledge Systems (IKS) in Higher Education: NEP-2020 Perspective.”*

The day featured an expert session by Pt. Bharat Kumar Tiwari from Jantar Mantar, Ujjain, who delivered an enlightening lecture on the functioning of ancient Vedhshalas (Vedic Observatories).

He elaborated on the architectural design, alignment principles based on Vastu, and the scientific precision of traditional Indian instruments used for measuring time, tracking planetary motion, and observing celestial events. The session highlighted how ancient Indian astronomers achieved remarkable accuracy without modern technological tools, demonstrating the depth of scientific knowledge embedded in Indian Knowledge Systems. Participants gained a deeper appreciation of India’s astronomical heritage and its relevance in contemporary scientific discourse.

Following the expert lecture, the Valedictory Session was conducted. The session began with a comprehensive summary of the five-day programme presented by **Dr. Mohd. Shakil Qureshi**, who encapsulated the major themes, deliberations, and academic outcomes of the FDP. He highlighted the integration of IKS with NEP-2020, technology-enabled pedagogy, sustainability perspectives, policy frameworks, and experiential learning components covered throughout the programme.

This was followed by an encouraging address by the **Registrar Sir**, who appreciated the dedicated efforts of the organizing committee, resource persons, and participants. He emphasized the importance of sustained academic engagement in implementing IKS within institutional frameworks.

The programme concluded with the distribution of certificates to all participants. The formal vote of thanks was proposed by **Dr. Malyaj Das**, who expressed gratitude to the expert speakers, faculty participants, organizing team, and university administration for their unwavering support and cooperation.

The organizing committee extends sincere thanks to the Hon’ble Vice-Chancellor, Pro Vice-Chancellor, Dean Academics, Registrar, and University Management for their continuous guidance and support, which contributed significantly to the successful completion of the Faculty Development Programme.



Feedback & Response:

Feedback Form of the Session: वास्तु के अनुसार वेदशालाएँ by Pt. Bharat Kumar Tiwari, Jantar Mantar, Ujjain on 17th January 2026 from 10:00AM to 11:30AM

Thank you for participating in the TI-IKS FDP 2026. Kindly fill out this feedback form to help us improve and understand your experience better.

Rating Scale: 1 Star (Poor), 2 Stars (Fair), 3 Stars (Average), 4 Stars (Good), 5 Stars (Excellent)

* Indicates required question

1. Participant name *

2. Department *

3. Overall understanding of Vedhshala *

1 2 3 4 5



4. Historical and astronomical knowledge about ancient veshala *

1 2 3 4 5



5. Quality of presentation by the resource person *

1 2 3 4 5

☆ ☆ ☆ ☆ ☆

6. Usefulness of the session for you academically/professionally *

1 2 3 4 5

☆ ☆ ☆ ☆ ☆

7. Suggestion If Any *

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Feedback Form of the Session: वास्तु के
अनुसार वेदशालाएँ by Pt. Bharat Kumar Tiwari,
Jantar Mantar, Ujjain on 17th January 2026
from 10:00AM to 11:30AM

26 responses

[Publish analytics](#)

Participant name

26 responses

Dr shailendra Kumar Dwivedi

Dr. Rajendra Kumar Sharma

Dr. Deepti Pal

Shruti Vyas

DR P HARI KRISHNA

Dr. Pallavi Pandit

DIKSHA PATIDAR

Dr Mamta Gour

Keerti Acharya

sachin kher

Dr Bindiya Tater

Ayushi Pawar

Dr Priyanka karandikar

Dr. Anjali Soni

Mala Mangwani

Dr Garima Khare

Dr Mithun Kumar Ghosh

Aarti Pathak

Aayushi Mehta

Priya Yadav

Dr Ashish Kumar Soni

Dr Ashok Kumar

Ajay Biswas

Bhavana kshirsagar

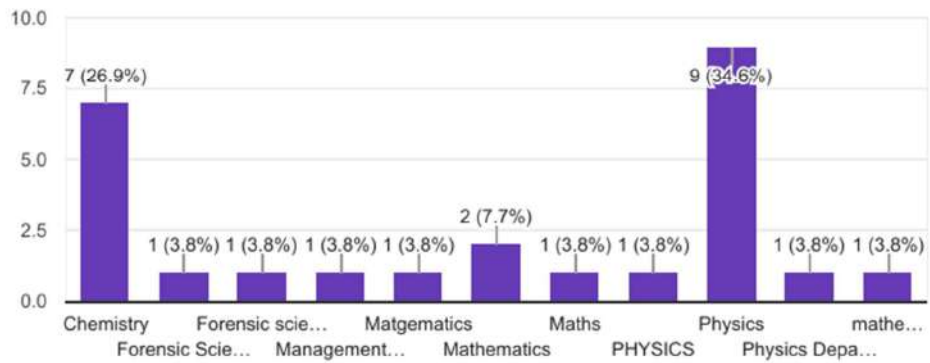
Ujjwal Mahajan

Rupali Joshi

Department

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26 responses



Overall understanding of Vedhshala

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26 responses

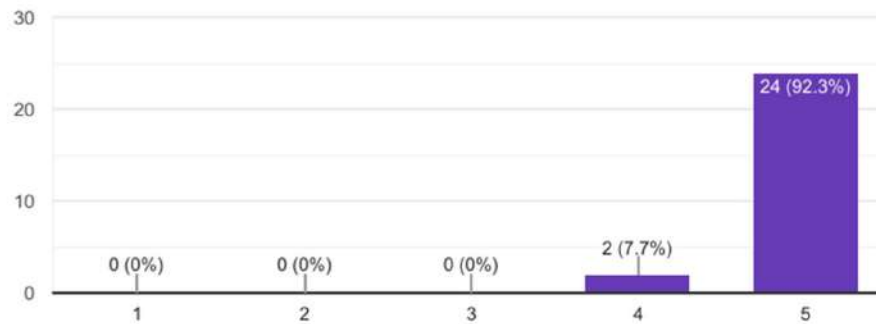


Historical and astronomical knowledge about ancient veshala

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26 responses

Average rating (4.92)

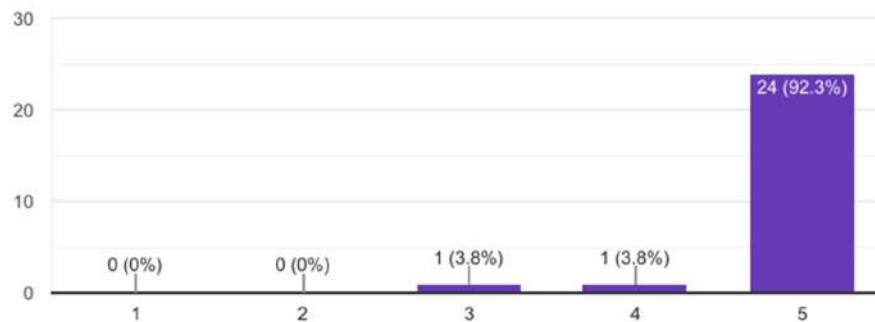


Quality of presentation by the resource person

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26 responses

Average rating (4.88)

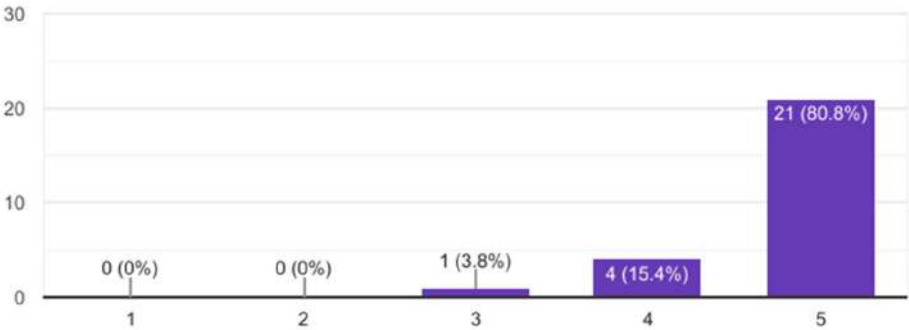


Usefulness of the session for you academically/professionally

 Copy

26 responses

Average rating (4.77)



Suggestion If Any

26 responses

No

None

No

Overall session of Bharata tiwari sir was very motivational and inspirable

All good

Please do some outreach activities in Ujjain, or other cities where we can get more knowledge of IKS

NA

Should arrange to see their vadshala, Kanter mantra, Ujjain

None

NA

excellent session

Na

Yes

Very informative

Good

Presentation was missing . If he present by the picture it would be more informative and interesting.

Good

Very interesting session

Please organise such sessions in every semester



No suggestion

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Google Forms

Certificate of Resource Person:



This certificate is proudly acknowledged and appreciated to

Dr. R. K. Khare, SGSITS, Indore

for his active and sincere contribution as a Resource Person & Expert in the FDP Program on

**“Technology-Integrated Indian Knowledge Systems (IKS) in Higher Education:
NEP 2020 Perspective”**

organized by the the Indian Knowledge Systems (IKS) Cell, NEP Cell & Physics Department, Medicaps University, held from Jan 13 to Jan 17, 2026. We extend our sincere appreciation and wish continued success in all future endeavours.

Prof. (Dr.) Ajay Kulkarni
Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor



This certificate is proudly acknowledged and appreciated to

Dr. Malyaj Das, Medicaps University, Indore

for his active and sincere contribution as a Resource Person & Expert in the FDP Program on

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Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor



APPRECIATION

This certificate is proudly acknowledged and appreciated to

Dr. Sunil Upadhyay, Medicaps University, Indore

for his active and sincere contribution as a Resource Person & Expert in the FDP Program on

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Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor



APPRECIATION

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Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor



APPRECIATION

This certificate is proudly acknowledged and appreciated to

Dr. Rupesh Shukla

for his active and sincere contribution as a Resource Person & Expert in the FDP Program on

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Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor



APPRECIATION

This certificate is proudly acknowledged and appreciated to

Dr. Pooja Singh, Medicaps University, Indore

for her active and sincere contribution as a Resource Person & Expert in the FDP Program on

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Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor



APPRECIATION

This certificate is proudly acknowledged and appreciated to

Dr. Preeti Pandey, Medicaps University, Indore

for her active and sincere contribution as a Resource Person & Expert in the FDP Program on

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Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor



APPRECIATION

This certificate is proudly acknowledged and appreciated to

Pt. Bharat Kumar Tiwari, Jantar Mantar, Ujjain

for his active and sincere contribution as a Resource Person & Expert in the FDP Program on

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Prof. (Dr.) Ajay Kulkarni
Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor

Certificate of Participation:



This certificate of participation is presented to

MS. ANJALI KUMAWAT

on completion of the FDP Program on

**"Technology-Integrated Indian Knowledge Systems (IKS) in
Higher Education: NEP 2020 Perspective"**

organized by the Indian Knowledge Systems (IKS) Cell, NEP Cell & Physics
Department, Medicaps University, held from Jan 13 to Jan 17, 2026. We wish
her/him continued success in their academic and professional pursuits.

Prof. (Dr.) Ajay Kulkarni
Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor



This certificate of participation is presented to

Dr. BINDIYA TATER

on completion of the FDP Program on

**"Technology-Integrated Indian Knowledge Systems (IKS) in
Higher Education: NEP 2020 Perspective"**

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Department, Medicaps University, held from Jan 13 to Jan 17, 2026. We wish
her/him continued success in their academic and professional pursuits.

Prof. (Dr.) Ajay Kulkarni
Incharge NEP Cell

Prof. (Dr.) Saurabh Jain
Head, AIU-MU AADC

Prof. (Dr.) Dilip Kumar Patnaik
Vice Chancellor

Conclusion:

Alignment of the FDP with the Theme

The 5-Day FDP was systematically designed to integrate Indian Knowledge Systems (IKS) with modern technology and pedagogical practices, in line with the vision of NEP-2020.

- **Foundational alignment** was established on Day 1 through sessions on NEP-2020 mandates, philosophical roots of IKS, and the role of Higher Education Institutions in preserving and disseminating Indian heritage using modern tools.
- **Technology integration** was emphasized on Day 2 through discussions on digital platforms, AI tools, and technology-enabled teaching-learning practices for embedding IKS into higher education curricula.
- **Policy, assessment, and engagement** aspects were addressed on Day 3 through institutional roadmaps, implementation strategies, and NEP-aligned policy frameworks.
- **Governance and implementation** were covered on Day 4, focusing on pedagogy, experiential learning, yoga as a living IKS, and academic leadership under NEP-2020.
- **Experiential and heritage-based learning** on Day 5 connected theory with practice through traditional knowledge systems such as Vastu-based Vedshalas and historical site visits.

Outcomes Fulfilled

- Faculty participants gained **conceptual clarity on IKS and NEP-2020** and their integration into higher education.
- Participants developed **technology-enabled, IKS-aligned pedagogical approaches** for curriculum design and classroom delivery.
- The FDP strengthened **interdisciplinary, experiential, and value-based teaching practices**.
- It promoted **institutional readiness** for implementing IKS through policy, governance, and quality frameworks.
- The program successfully fostered **awareness, acceptance, and practical application of IKS**, fulfilling NEP-2020 objectives of holistic, multidisciplinary, and culturally rooted education.

Signature of Convener/ Organising Faculty member

Dr. Malyaj Das

Prof. Incharge, IKS Cell

Dr. Mohd. Shakil Qureshi

HOD, Physics

Dr. Ajay Kulkarni

Prof. Incharge, NEP Cell

Dr. Saurabh Jain

Head, AIU-MU-AADC

Prof. (Dr.) A. A. Koser

Director, IQAC

Report of Faculty Development Program

Name Of Event: Faculty Development Program on "Emerging Trends in Pedagogy and ICT-Driven Education in the Industry 4.0 Era: NEP 2020 Perspective."

Schedule (Date(s) and Time): 23.02.2026 to 01-03-2026

Venue: Minor Auditorium/ Online Mode

Convener(s): Prof. (Dr.) Chitresh Nayak, Prof. (Dr.) Chayan Gupta

Organizing Department: Mechanical and Civil Engineering Department

Total Number of Participants: 54

1. Introduction

The Department of Mechanical and Civil Engineering organized a 7-Day Faculty Development Program (FDP) on "Emerging Trends in Pedagogy and ICT-Driven Education in the Industry 4.0 Era: NEP 2020 Perspective" from 23rd February 2026 to 1st March 2026. The program was designed to equip faculty members with contemporary teaching methodologies aligned with the evolving demands of Industry 4.0 and the transformative vision of the National Education Policy (NEP) 2020.

The FDP focused on integrating innovative pedagogical approaches with Information and Communication Technology (ICT) tools to enhance the effectiveness of teaching-learning processes. It aimed to familiarize participants with digital platforms, outcome-based education, experiential learning, blended learning models, and the application of artificial intelligence and data-driven tools in education.

2. Objectives of the Expert Lecture:

The main objectives were:

- To introduce participants to modern pedagogical innovations and enable them to effectively adapt teaching-learning practices for the digital age.
- To develop the ability to design, create, and implement immersive and adaptive learning content using emerging digital tools and technologies.
- To enhance skills in utilizing cloud-based platforms for collaborative teaching, learning, and research activities.
- To familiarize participants with the use of ERP systems and AI-based tools for efficient academic administration, assessment, and decision-making.
- To enable participants to formulate and implement digital transformation strategies aligned with NEP 2020 and Industry 4.0 requirements.
- To promote the development of digitally enabled, student-centric learning environments that enhance engagement and learning outcomes.

3. About the FDP

The FDP was conceptualized to address the paradigm shift in higher education driven by Industry 4.0 technologies and the policy framework of NEP 2020, which emphasizes multidisciplinary learning, digital integration, outcome-based education, and skill-oriented teaching. The program provided a structured platform for faculty to explore innovative pedagogical strategies and effective utilization of ICT tools in teaching-learning processes.

for
Chitresh
31/7/26

A total of 13 expert sessions were successfully conducted over the span of 7 days, delivered by distinguished academicians, industry professionals, and education specialists. These sessions ensured a balanced integration of theoretical concepts and practical applications. The day-wise technological themes are as follows:

- Day 1: Inauguration and focus on soft skills and employability in Industry 4.0.
- Day 2: Application of ICT tools in teaching and learning in higher education.
- Day 3: Integration of MOOCs (SWAYAM, NPTEL, Coursera) into curriculum.
- Day 4: Role of ICT in Agriculture 4.0.
- Day 5: Transformation of traditional teaching to smart ICT-enabled methods.
- Day 6: Advanced tools including virtual labs, research tools, Power BI, ERP systems, and CNC simulation.
- Day 7: AI applications in biofuels, automated assessment, LMS usage, followed by valedictory session.

The program effectively enhanced faculty awareness and skills in modern pedagogy, digital tools, and Industry 4.0 technologies.

4. Outcomes of the Expert Lecture:

The lecture helped Faculty members to:

CO01: Understand and apply pedagogical innovations suitable for the digital age.

CO02: Create and implement immersive and adaptive learning content.

CO03: Utilize cloud platforms for collaborative research and teaching.

CO04: Integrate ERP systems and AI-based tools for streamlined administration and assessment.

CO05: Develop institution-specific digital transformation strategies aligned with NEP 2020 and Industry 4.0.

CO06: Foster digitally driven, student-centred learning ecosystems.

5. Conclusion

The 13 expert sessions conducted over the 7-day period provided comprehensive insights into modern teaching-learning practices, equipping participants with the necessary knowledge and skills to adapt to the evolving educational landscape. The program facilitated meaningful interaction between academicians and industry experts, fostering knowledge exchange and collaborative learning.

Participants gained significant exposure to innovative instructional strategies, digital tools, and outcome-based approaches aligned with the vision of NEP 2020. The hands-on sessions and discussions contributed to improving teaching effectiveness, curriculum delivery, and assessment practices.

for
all
31/7/26

In conclusion, the FDP served as a valuable platform for professional development, encouraging faculty members to adopt student-centric, technology-enabled, and outcome-oriented teaching methodologies, thereby contributing to academic excellence and institutional growth in the era of Industry 4.0.

for Ch
31/7/26

Any Other (As per requirement):

Proposed Schedule:

**Faculty Development Program on "Emerging Trends
in Pedagogy and ICT-Driven Education in the
Industry 4.0 Era"**

Program Sessions:

S No	Day	Key Topics	Session Timing	Resource Person
Day 1	Monday, Feb 23, 2026	Soft Skills and Employability in the Industry 4.0 Context	5:00-8:00	Inaugural Session & Expert Session by Chief Guest Dr. Sharlesh Kundalwal, Professor, IIT Indore
Day 2	Tuesday, Feb 24, 2026	ICT Tools for Teaching and Learning in HEIs	6:00-9:00	Dr. Krunal Soni, CZ Patel College of Business Management, Charutar Vidya Mandal (CVM) University, Vailabh Vidyanagar
Day 3	Wednesday, Feb 25, 2026	MOOCs and Online Certifications: Integrating SWAYAM, NPTEL, and Coursera into Curriculum	6:00-9:00	Dr. Prashant Panse, Associate Dean of Digitization
Day 4	Thursday, Feb 26, 2026	Role of ICT in Agriculture 4.0	6:00-9:00	Dr. N R N V Gowripatni Rao, Rajiv Gandhi University Rono Hills Arunachal Pradesh (A Central University)
Day 5	Friday, Feb 27, 2026	Transforming traditional chalk-and-talk methods into smart teaching using ICT and Industry 4.0 tools.	6:00-9:00	Dr. Rohini Kale, Medicaps University, Indore
Day 6	Saturday, Feb 28, 2026	Virtual Labs and Simulations in Technical Education	9:00-11:00	Dr. Shashi Ranjan Mohan, Medicaps University, Indore
		Digital Tools for Research Excellence: Reaxys and ChemDraw in Student-Centered Learning.	11:00-1:00	Dr. Bharat Kumar Allam, Rajiv Gandhi University (A Central University), Arunachal Pradesh.
		1:00-2:00 Lunch		
		Using Power BI for Data Analysis	2:00-4:00	Dr. Akbar Ali, Medicaps University, Indore
Day 7	Sunday, March 1, 2026	ERP Systems for Academic Analytics, Learning Management, and Institutional Excellence	4:00-6:00	Prof. Amit Kulkarni, Medicaps University, Indore
		CNC Simulator - Concepts, Applications & Educational Importance		Dr. Kailash Chaudhary, MBM University Jodhpur
		Integration of AI in Managing Bio Fuels Business	9:00-11:00	Dr. Sanjay Mohite Medicaps University, Indore
		AI for Automated Assessment of Handwritten Descriptive Responses	11:00-1:00	Dr. Rajesh Khanna Bhuthkuri, JNTUH University College of Engineering Hyderabad
		1:00-2:00 Lunch		
		University Learning Management System (LMS) For Faculties	2:00-4:00	Dr. Harsh Kumar Dixit, Parul University, Vadodara, Gujarat, India
			4:00-5:00	Valedictory and certificate distribution

for
our
31/12/26



List of Participants:

Name of the Participant	Designation	Affiliation
Dr. Mohammed Irfan Khan	Assistant Professor	Medicaps University
Dr Shubham Soni	Assistant Professor	Medicaps University Indore
Dr. Jeetendra Singh	Assistant Professor	Medicaps University
Dr. Vivek Mishra	Assistant Professor	Medicaps University
Dr Rita Nagwal	Assistant professor	MediCaps University
Ankit Gupta	Assistant Professor	Medicaps University indore
Ram Janm Singh	Assistant Professor	Medicaps University
Dr Chitresh Nayak	Professor	Medicaps University
Jayesh Barve	Assistant Professor	Medicaps University
Manish Kumar Thakur	Assistant Professor	Medicaps University
Dr. Lakhan Patidar	Assistant Professor	Medicaps University
Dr. Satendra Singh	Assistant Professor	Department of Mechanical Engineering, Medicaps
Dr. Abhishek Shrotriya	Assistant professor	Medicaps University
Sanjay Jathar	Assistant Professor	Medicaps University
Dr. Swati Mishra	Assistant Professor	Medicaps University
Dr Akbar Ali	Assistant Professor	Medicaps University
Dr Ganesh Chouhan	Assistant Professor	Medicaps University
Gourav Patel	Assistant Professor	Medicaps University
Anshuman Purohit	Assistant Professor	Medicaps University
Hitesh Agrawal	Assistant Professor	Medicaps University
Kiran Vivrekar	Assistant Professor	Medicaps University
Prof.Parag Chāporkar	Mechanical Engineer	Medicaps University
Dr.Sanjay Mohite	Professor of Practice	Medicaps University
Dr. Prabhat Patel	Assistant Professor	Medicaps University
Dr. Ravindra Pathak	Professor	Medicaps University
Dr Shyam Kumar Birla	Assistant Professor	Medicaps University
Sunil Kumar Patidar	Assistant Professor	Medicaps University

for

31/12/20



Nakul Bansod	Assistant Professor	Medicaps University
Amit Kulkarni	Associate Professor	Medicaps University
Alok Rarotiya	Assistant Professor	Medicaps University
Rituraj Raghuvanshi	Assistant professor	Medicaps University
Dr. Rajendra Kumar Shukla	Professor	Medicaps University
Lekhraj Patidar	Assistant professor	Medicaps University
Deepak Patel	Assistant Professor	Medicaps University
Ram Bansal	Assistant Professor	Medicaps University
Eklavya Gupta	Assistant Professor	Medicaps University
Amit Prajapati	Assistant Professor	Medicaps University
Gaurav Awasthi	Assistant Professor	Medicaps University
Dr. Shashi Ranjan Mohan	Assistant Professor	Medicaps University
Prof. Chayan Gupta	Associate professor	Medicaps University
Dr. Rupesh Chalisgaonkar	Associate Professor	Medicaps University
Ajit Kumar Jain	Assistant Professor	Medicaps University
Vinay joshi	Assistant professor	Medicaps University
Surya Pratap singh	Assistant professor	Medicaps University
Dr Sankalp Sharan	Assistant Professor	Medicaps University
Ashwin Sharma	Assistant Professor	Medicaps University
Prof Ashwin Parihar	Assistant Professor	Medicaps University
Ankit Soni	Assistant professor	Medicaps University
Dr Rohini C Kale	Assistant Professor	Medicaps University
Ubaid L Hanfee	Assistant Professor	Medicaps University
Yash Mothe	Assistant professor	Medicaps University
Dr Ruchir Lashkari	Assistant Professor	Medicaps University

for
31/7/20

Photographs of event:



for
the
3/1/26



Event Photographs

for due
31/7/20

CO Attainment Form for Emerging Trends in Pedagogy and ICT-Driven Education in the Industry 4.0 Era

* Indicates required question

1. Email *

2. Name *

3. Designation *

4. Department *

5. CO01: Understand and apply pedagogical innovations suitable for the digital age. *

Mark only one oval.

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for due
31/12/20

6. CO02: Create and implement immersive and adaptive learning content. *

Mark only one oval.

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7. CO03: Utilize cloud platforms for collaborative research and teaching. *

Mark only one oval.

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8. CO04: Integrate ERP systems and AI-based tools for streamlined administration and assessment. *

Mark only one oval.

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for one
31/12/20

9. CO05: Develop institution-specific digital transformation strategies aligned with NEP 2020 and Industry 4.0. *

Mark only one oval.

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☐ 1

10. CO06: Foster digitally driven, student-centered learning ecosystems. *

Mark only one oval.

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☐ 2

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Google Forms

for
all
31/12

MEDICAPS UNIVERSITY, INDORE

Feedback on FDP 2026

S.No.	Name	Designation	Department	CO01	CO02	CO03	CO04	CO05	CO06
1	Ashwin Sharma	Assistant professor	Civil Department	3	3	3	3	3	3
2	Dr. Lakhan Patidar	Assistant Professor	Mechanical Engineering	3	2	3	3	3	3
3	Golak kunti	Assistant professor	Mechanical Engineering	3	3	2	3	3	2
4	Prof Ankit Gupta	Assistant Professor	Mechanical Engineering	3	3	3	3	3	3
5	Nakul Bansod	Assistant Professor	Mechanical Engineering	3	2	3	3	2	3
6	Alok Rarotiya	Assistant Professor	Civil Engineering	3	3	3	3	3	3
7	Ram Bansal	Assistant Professor	Mechanical Engineering	3	3	3	3	3	3
8	Gaurav Awasthi	Assistant Professor	Civil Engineering	3	3	3	3	3	3
9	Hitesh Agrawal	Assistant Professor	Mechanical Engineering Department	3	3	3	3	3	3
10	Lekhraj Patidar	Assistant professor	Mechanical engineering department	3	3	3	2	2	2
11	Dr. Rupesh Chalisgaonkar	Associate Professor	Mechanical	3	3	3	3	3	3
12	Dr. Satendra Singh	Assistant professor	Mechanical Engineering	3	3	3	3	3	3
13	Sanjay Jathar	Asst. Professor	Mechanical Engg. Department	3	2	2	2	2	3
14	Gourav Patel	Assistant Professor	Mechanical Engineering	3	3	3	3	3	3
15	Parag Chaporkar	Assistant Professor	Mechanical Engineering	3	2	2	2	2	3
16	Ankit Soni	Assistant professor	Civil Engineering	3	3	3	3	3	3
17	Dr. Jeetendra kumar singh	Assistant professor	Mechanical	3	3	3	3	3	3
18	Dr. Sanjay Mohite	Professor of Practice	Mechanical	3	3	2	3	3	2
19	Dr Akbar Ali	Assistant Professor	Mechanical Engineering	3	3	3	3	3	3
20	Ashwin Parihar	Asst prof	Civil Engineering	3	3	3	3	3	3
21	Dr. Shashi Ranjan Mohan	AP	ME	3	3	3	3	3	3
22	Amit Prajapati	Assistant Professor	EXAM/ME	3	3	3	3	3	3

All CO Attainment =3

File
31716

CO-PO Attainment of FDP

CO \ PO	PO01	PO02	PO03	PO04	PO05	PO06	PO07	PO08	PO09	PO10	PO11	PO12
CO01	3	2	2	2	3				2	3		3
CO02	2	3	3	2	3				2	3		3
CO03	2	2	2	3	3				3	3	2	3
CO04	2	3	2	3	3				2	3	3	3
CO05	3	3	3	2	3	2	2	2	2	3	3	3
CO06	2	2	2	2	3			2	3	3	2	3
SUM	14	15	14	14	18	2	2	4	14	18	10	18
Total Attainment of FDP	2.3333333	2.5	2.3333333	2.3333333	3	2	2	2	2.333	3	2.5	3

for
3/12/20
Dr. Rupak
Chakrabarti



Report of Faculty Development Program

Name of Event: Faculty Development Program on "Technology-Integrated Power Electronics Experimentation for EV Startups: Microcontroller Applications, Prototyping & Digital Innovation"

Schedule (Date(s) and Time): 21.03.2026 to 28-03-2026

Venue: Minor Auditorium/ Online Mode

Convener(s): Prof. (Dr.) Sarita Kansal, Prof. (Dr.)

S.S.Raghuwanshi

Co-Conveners: Prof.Varsha Khule , Prof. Neha Verma

Organizing Department: Electronics & Electrical Engineering Department

Total Number of Participants: 59

1. Introduction

The Departments of Electronics Engineering and Electrical Engineering at Medicaps University are dedicated to excellence in technical education, innovation, and research. The departments offer B.Tech., M.Tech., and Ph.D. programmes and are supported by well-equipped laboratories and highly qualified faculty members engaged in diverse research areas, including communication systems, VLSI, power systems, renewable energy, smart grids, artificial intelligence, industrial automation, and embedded systems. Through modern teaching-learning practices and industry-oriented exposure, the departments strive to develop skilled engineers capable of meeting global technological challenges and serving society. Objectives of the Expert Lecture:

The main objectives were:

The programme was organized with the following objectives:

- To strengthen faculty competencies in power electronics experimentation, embedded systems, and digital innovation for Electric Vehicle technologies.



- To provide practical knowledge of microcontroller applications in EV subsystems.
- To enable participants to develop prototype-based solutions using embedded control and real-time experimentation.
- To promote innovation and entrepreneurship by understanding the ecosystem that transforms laboratory ideas into startup ventures.
- To establish interaction with industry experts, incubators, patent professionals, and EV innovators.

2. About the FDP

The Department of Electronics Engineering in collaboration with the Department of Electrical Engineering organized a one-week Faculty Development Programme (FDP) titled "Technology-Integrated Power Electronics Experimentation for EV Startups: Microcontroller Applications, Prototyping & Digital Innovation" from 21st March 2026 to 28th March 2026. The programme aimed to enhance faculty competencies in emerging Electric Vehicle (EV) technologies, embedded systems, power electronics, microcontroller applications, digital prototyping, and startup-oriented innovation.

The FDP brought together distinguished academicians, industry experts, and researchers to provide participants with comprehensive exposure to the latest advancements in EV technologies through expert lectures, hands-on sessions, industrial interactions, and prototype development activities.

Programme Highlights (Day-wise)

- **Day 1: 21st March 2026 (Offline)**

The Faculty Development Programme commenced with registration, followed by the inaugural ceremony, where the objectives and roadmap of the FDP were presented. A networking session over tea provided participants with an opportunity to interact with fellow faculty members and experts. Three technical sessions were conducted by Mr.



Vinod Kadwane (Former EV Senior System Engineer, KPIT Pune).

- **Day 2: 22nd March 2026 (Online)**

The second day featured three expert sessions delivered by eminent academicians:

- 1) Digital Twin Technology and Embedded Hardware Integration for Electric Vehicles by **Prof. Prabhat Pandey**
- 2) Electrical Measurement Techniques in EV Converters by **Prof. R. S. Tare, Vice Dean, OP Jindal University**
- 3) Fundamentals of Electric Vehicle Systems and Architecture by **Dr. Sanjiv K. Jain, Medicaps University**

- **Day 3: 23rd March 2026 (Online)**

The third day's session was delivered by **Mr. Sonu Kumar, R&D Engineer, National Power Research Laboratory**, on: "Latest Trends in EV Charging Systems".

- **Day 4: 24th March 2026 (Online)**

An expert lecture on: Power Electronics and Drive Systems for EV Applications was delivered by **Dr. Shailendra Sharma, Professor & Head, SGSITS, Indore**. The session focused on power electronic converters, motor drives, efficiency enhancement, and their applications in Electric Vehicles.

- **Day 5: 25th March 2026 (Online)**

Mr. Saurabh Mehta, Co-founder, Vayve Mobility Pvt. Ltd., Indore, conducted an industry-oriented session on: "Product Benchmarking and Digital Prototyping Techniques in EVs".

- **Day 6: 26th March 2026 (Online)**



The sixth day featured a technical session by **Mr. Ravindra Sharma, Director, Autosys Pvt. Ltd., Indore**, on: "Communication Protocols and Control Algorithms in EV Systems"

- **Day 7: 27th March 2026 (Online)**

The session was delivered by Dr. Habiburrahman Ansari, Director, Solarowl Energy Solutions Pvt. Ltd., on: "Modelling and Design of EV Prototype Using Simulation Tools".

- **Day 8: 28th March 2026 (Offline)**

The concluding day was dedicated to hands-on learning and industrial exposure. Participants attended practical sessions on:

- 1) Hands-on laboratory testing of motor drivers and power converters
- 2) Emerging EV technologies
- 3) Startup case studies in power electronics
- 4) Prototype development and idea mentoring by EV industry experts

An Industrial Visit to an Electric Vehicle industry was organized, enabling participants to observe industrial practices, manufacturing processes, and product development workflows. The FDP concluded with a Valedictory Session, participant feedback, certificate distribution, and a group photograph.

3. Outcomes of the Expert Lecture:

The lecture helped Faculty members to:

S.no	Outcome	Content	Bloom's level
1	CO ₁	Describe the fundamentals of power electronics, microcontroller applications, and digital innovation in EV systems.	BL ₂
2	CO ₂	Apply microcontroller programming and digital prototyping techniques to implement EV-related experimental projects.	BL ₃
3	CO ₃	Demonstrate the development of embedded control-based prototypes for EV applications and startup-oriented product development.	BL ₃

4. Conclusion

The Faculty Development Programme successfully enhanced participants' knowledge and practical skills in Electric Vehicle technologies, power electronics, embedded systems, and digital prototyping. Through expert lectures, hands-on sessions, and industry interaction, the programme promoted innovation, interdisciplinary learning, and industry-academia collaboration. Overall, the FDP achieved its objectives and contributed to strengthening faculty competencies in emerging technologies, aligning with the university's commitment to quality education and continuous professional development.

Any Other (As per requirement):



FACULTY DEVELOPMENT PROGRAMME on

Technology-Integrated Power Electronics Experimentation for EV
Startups: Microcontroller Applications, Prototyping & Digital
Innovation

 **March 21st to 28th March 2026**
Hybrid Mode

**Department of Electronics Engineering
& Department of Electrical Engineering**

Medicaps University Indore 453331

Phone: 0731-4259500/ 791/ 740

Mobile: 8770540914/8982373593

E-mail: hodec@medicaps.ac.in

hodee@medicaps.ac.in

About the University

Medicaps has been a brand name in the arena of technical education. Since its inception in July 2000, Medicaps has consistently aimed at creating an ideal ambience for budding technocrats and managers; and helping them to grow like true professionals. With its highly qualified faculty there seems an optimal blend of academic brilliance and industry exposure.

supplemented by highly specialized visiting faculty and industry experts, senior professionals from various segments of different industries and business houses. It was time now to spread wings and move out for more exposure and widening of the periphery. Hence the foundation of Medi-Caps University has been laid down. With a strong foundation of the Group for 25 years, Medicaps University wishes to maintain the same objective of imparting quality education and producing sound professionals for the benefit of the society at large.

About Department

The Departments of Electronics Engineering and Electrical Engineering at Medicaps University are dedicated to excellence in technical education, innovation, and research. The departments offer B.Tech., M.Tech., and Ph.D. programs. Departments are supported by well-equipped laboratories and highly qualified faculty members engaged in diverse research areas such as communication systems, VLSI, power systems, renewable energy, smart grids, artificial intelligence, industrial automation, and embedded systems. Through modern teaching-learning practices and industry-oriented exposure, the departments strive to develop skilled engineers capable of meeting global technological challenges and serving society.

Outcome of FDP

- Be equipped to mentor student innovations and EV-related digital prototyping projects.
- Gain practical knowledge of microcontroller applications in EV sub-systems.
- Develop working prototypes of EV technologies using embedded control and real-time experimentation.
- Understand the ecosystem for taking ideas from lab to startup.
- Build connections with incubators, patent offices, technology mentors, and EV innovators.

Who should attend:

- Faculty members from all disciplines (Engineering / Non-Engineering)
- Academic administrators, coordinators, and mentors IQAC / NAAC committee members
- Programme heads, course coordinators, and class counselors.

Registration Link

<https://forms.gle/sC8rNHvb13823CW38>

Program Chair

Dr. A.A. Koser
DoAA & Director IQAC

Dr. Ajay Kulkarni
Associate Dean Engineering(Core)

Dr. Saurabh Jain
Director – ODL, Head AIU-MU AADC

Convener

Dr. Sarita Kansal (HOD-EC)
Dr. S.S. Raghuwanshi (HOD-EE)

Co-Convener

Prof. Varsha Khule
Prof. Neha Verma



QR Code for Registration
Registration Charge - 700/-

Invitation

Inviting you to the Inaugural Ceremony of the FDP organised by the Department of Electrical Engineering & the Department of Electronics Engineering on

“Technology-Integrated Power Electronics Experimentation for EV Startups: Microcontroller Applications, Prototyping & Digital Innovation”

Chief Guest
Shri Vinod Kadwane
Former EV Senior System Engineer, Pune
Division, KPIT Pune

SATURDAY; MARCH 21, 2026

Minor Auditorium, F-Block
Medicaps University, Indore

Program Chair

Dr. A. A. Koser
DoAA & Director IQAC

Dr. Ajay Kulkarni
Associate Dean Engineering (Core)

Dr. Saurabh Jain
Director ODL, Head AIU-MU AADC

Convener

Dr. Sarita Kansal
(HOD-EC)

Dr. S. S. Raghuwanshi
(HOD-EE)

Photographs of event:





DEPARTMENT OF ELECTRONICS ENGINEERING AND DEPARTMENT OF
ELECTRICAL ENGINEERING
ORGANIZING A FACULTY DEVELOPMENT PROGRAMME
ON

"Technology-Integrated Power Electronics Experimentation for EV Startups:
Microcontroller Applications, Prototyping & Digital Innovation"

DATE
23 MARCH 2026

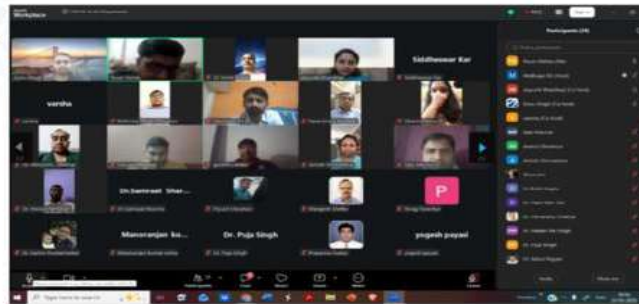
Speaker



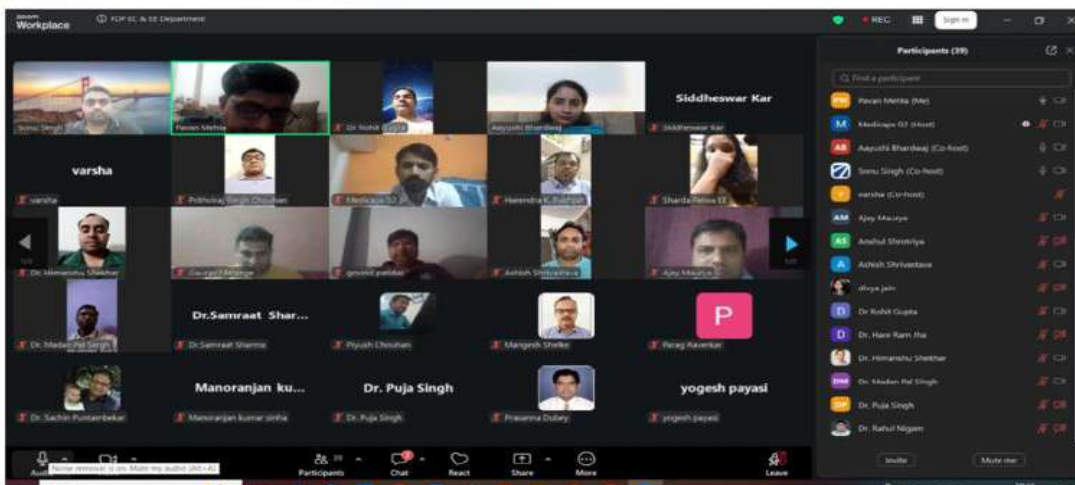
MR. SONU KUMAR
R&D ENGINEER
NATIONAL POWER RESEARCH
LABORATORY
FOUNDER, SHIKSHA JN.

TOPIC

"LATEST TRENDS IN EV CHARGING SYSTEM"



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MEDICAPS UNIVERSITY



**MEDICAPS
UNIVERSITY**

DEPARTMENT OF ELECTRICAL ENGINEERING & DEPARTMENT OF ELECTRONICS
ENGINEERING

ORGANIZING A FACULTY DEVELOPMENT PROGRAM ON

ON

"Technology-Integrated Power Electronics Experimentation for EV Startups:
Microcontroller Applications, Prototyping & Digital innovation"

DATE

24 MARCH 2026

Speaker

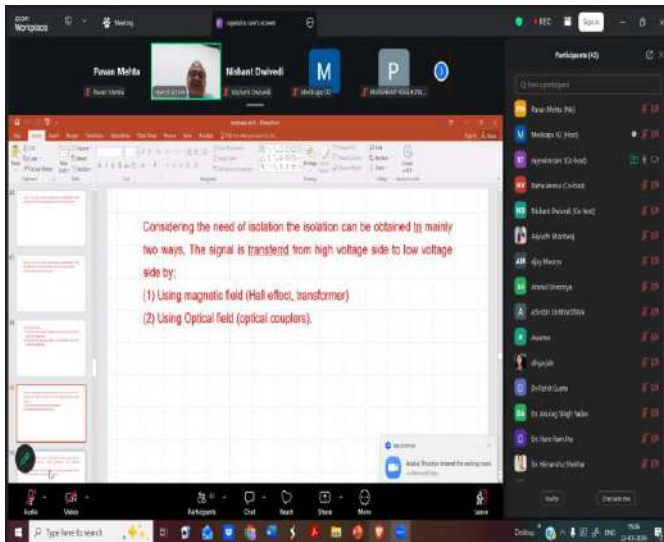


DR. SHAILENDRA SHARMA
PROFESSOR
SGSITS, INDORE

TOPIC

"POWER ELECTRONICS AND DRIVE SYSTEMS FOR EV APPLICATIONS"

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Medicaps University					
FDP organising by Department of Electrical Engineering & Department of Electronics Engineering					
Technology-Integrated Power Electronics Experimentation for EV Startups: Microcontroller Applications, Prototyping & Digital Innovation					
From 21.03.2026 to 28.03.2026					
S. No.	Date	Time	Session Details	Mode of Conduct	Resource Person
1	21-03-2026	9:00 AM-9:30 AM	Registration	Offline	Mr. Vinod Kadvane, Former EV Senior System Engineer, Pune Division, KPIT Pune.
		9:30 AM-10:00 AM	FDP inauguration		
		10:00 AM-10:30 AM	High Tea & Networking		
		10:30 AM-12:30 PM	Session- 1 Advanced Motor Control and Battery Safety Strategies for EV Applications.		
		12:30 PM- 1:30 PM	Lunch		
		1:30 PM- 3:30 PM	Session- 2 Microcontrollers as Drivers of Innovation and Digital Control Systems.		
		2:30 PM-2:45 PM	Tea Break		
		3:30 PM- 5:30 PM	Session- 3 Embedded Control Strategy Design for Smart Systems.		
2	22-03-2026	12:30 PM- 2:30 PM	Session- 4 Digital twin technology and embedded hardware integration for electric vehicles	Online	Prof.Prabhat Pandey
		2:30 PM- 4:30 PM	Session- 5 Electrical Measurement Techniques in EV Converters.		Prof. R. S. Tare, Vice Dean, OP Jindal University, CG
		4:30 PM- 6:30 PM	Session- 6 Fundamentals of Electric Vehicle Systems and Architecture.		Dr. Sanjiv K Jain
3	23-03-2026	7:00 PM- 9:00 PM	Session- 7 latest trends in EV Charging System.	Online	Mr. Sonu Kumar, R&D Engineer, National Power Research Laboratory, Founder, Shiksha Jn.
4	24-03-2026	7:00 PM- 9:00 PM	Session- 8 Power Electronics and Drive Systems for EV Applications.		Dr. Shalendra Sharma, Professor & Head, SGSITS, Indore
5	25-03-2026	7:00 PM- 9:00 PM	Session- 9 Product Benchmarking and Digital Prototyping Techniques in Evs.		Mr. Saurabh Mehta, Co-founder, Vayve Mobility Pvt. Ltd., Indore
6	26-03-2026	7:00 PM- 9:00 PM	Session- 10 Communication Protocols and Control Algorithms in EV Systems.		Mr. Ravindra Sharma, Director, Autosys Pvt Ltd, Indore
7	27-03-2026	7:00 PM- 9:00 PM	Session- 11 Modelling & Design of EV prototype using simulation tool.		Dr. Habiburrahman Ansari, Director Solarowl Energy Solutions Pvt Ltd
8	28-03-2026	9:00 AM-09:30 AM	Tea	Offline	Industrial Visit to EV Industry
		09:30 AM-02:30 PM	Session- 12 Hands-on Lab Testing of Motor Drivers and Power Converters.		
			Session- 13 Emerging EV Technologies and Startup Case Studies in Power Electronics.		
			Session- 14 Prototype Development and Idea Mentoring by EV Industry Experts		
		02:30 PM-3:30 PM	Lunch		
		3:30 PM-4:30 PM	Valedictory & Group Photo		Valedictory & Group Photo

List of Participants:

S.No	Name of Participants	University/College
1	Prof.Ajay Kulkarni	Medicaps University
2	Prof.Santosh Raghuwanshi	Medicaps University
3	Prof.Vibha Tiwari	Medicaps University
4	Prof.Saurabh Jain	Medicaps University
5	Prof.Siddheswar Kar	Medicaps University
6	Prof.Divya Chouhan	Medicaps University
7	Prof.Rohit Gupta	Medicaps University
8	Prof.Govind Patidar	Medicaps University
9	Prof.Vebhav kumar tiwari	Medicaps university
10	Prof.Ajay Maurya	Medicaps University
11	Prof.Harendra K. Pushpat	Engineering College Tuwa
12	Prof.Prithviraj Singh Chouhan	Medicaps University
13	Prof.Parag Raverkar	Medicaps University
14	Prof.Hare Ram Jha	Medicaps University
15	Prof.Anshul Shrotriya	Medicaps University
16	Prof.Dr Samraat Sharma	Medicaps University
17	Prof.Manish Mahajan	Medicaps University
18	Prof.Gaurav Matange	Medicaps University
19	Prof.Nishant Dwivedi	Medicaps University
20	Prof.Sachin Puntambekar	Medicaps University
21	Prof.Prasanna Dubey	Medicaps University
22	Prof.SANTOSH DINKAR GADEKAR	Medicaps University
23	Prof.Sheetal Bawane	Medicaps University
24	Prof.Aayushi Bhardwaj	MediCaps university
25	Prof.Mangesh Shelke	Priyadarshini College of Engineering Nagpur
26	Prof.Ashish Shrivastava	Medicaps University
27	Prof.Hariom Patidar	Medicaps university
28	Prof.Yogesh Payasi	Medicaps University
29	Prof.Preeti Singh	Medicaps University

3 0	Prof.Puja Singh	Medicaps University
3 1	Prof.Vijeta k	Medicaps university
3 2	Prof.Madan Pal Singh	Medicaps University
3 3	Prof.Dhiraj Kumar	Medicaps university
3 4	Prof.Awane Subhedar	Medicaps University
3 5	Prof.Manoranjan Kumar Sinha	Medicaps University
3 6	Prof.Nitesh Kumar Soni	Medicaps University
3 7	Prof.Aditya Mandloi	Medicaps university
3 8	Prof.Vasim Khan	Medicaps University
3 9	Prof.Rahul Nigam	Medicaps University
4 0	Prof.Priya Rathore	Medicaps University
4 1	Prof.Dipali Sarvate	PIEMR, INDORE
4 2	Prof.Himanshu Shekhar	Medicaps University
4 3	Prof.Sanjiv Kumar Jain	MediCaps University
4 5	Prof.prabhat pandey	Medicaps University
4 6	Prof.Pavan Mehta	Medicaps University
4 7	Prof.Smita Prajapati	Medicaps University
4 8	Prof.Anurag Singh	Medicaps University
4 9	Prof.Divya Jain	Medicaps University
5 0	Prof.Smita Prajapati	Medicaps University
5 1	Prof.Neha kapil	Medicaps University
5 2	Prof.Suyog Munshi	Medicaps University
5 3	Prof.Neha Verma	Medicaps University
5 4	Prof.AAyushi Bhardwaj	Medicaps University
5 5	Prof.Sharda Patwa	Medicaps University
5 6	Prof.Khaliq Ahmed	Medicaps University
5 7	Prof.Juned Ahmed Siddique	Medicaps University
5 8	Prof.Varsha Khule	Medicaps University
5 9	Prof.Prashant Raghuwanshi	Medicaps University

Feedback on COs						
S.No.	Name	Designation	Department	CO01	CO02	CO03
1	Prof.Santosh Raghuwanshi	Associate professor	Electrical Engineering	3	3	3
2	Prof.Vibha Tiwari	Associate Professor	Electronics Engineering	3	2	3
3	Prof.Saurabh Jain	Associate professor	Electronics Engineering	3	3	2
4	Prof.Siddheswar Kar	Assistant Professor	Electrical Engineering	3	3	3
5	Prof.Divya Chouhan	Assistant Professor	Electronics Engineering	3	2	3
6	Prof.Rohit Gupta	Assistant Professor	Electronics Engineering	3	3	3
7	Prof.Govind Patidar	Assistant Professor	Electronics Engineering	3	3	3
8	Prof.Vebhav kumar tiwari	Assistant Professor	Electronics Engineering	3	3	3
9	Prof.Ajay Maurya	Assistant Professor	Electronics Engineering	3	3	3
10	Prof.Harendra K. Pushpat	Assistant professor	Electrical Engineering	3	3	3
11	Prof.Prithviraj Singh Chouhan	Assistant Professor	Electronics Engineering	3	3	3
12	Prof.Parag Raverkar	Assistant professor	Electronics Engineering	3	3	3
13	Prof.Hare Ram Jha	Assistant Professor	Electronics Engineering	3	2	2
14	Prof.Anshul Shrotriya	Assistant Professor	Electronics Engineering	3	3	3
15	Prof.Dr Samraat Sharma	Assistant Professor	Electrical Engineering	3	2	2
16	Prof.Manish Mahajan	Assistant professor	Electronics Engineering	3	3	3
17	Prof.Gaurav Matange	Assistant professor	Electronics Engineering	3	3	3

18	Prof.Nishant Dwivedi	Professor of Practice	Electrical Engineering	3	3	2
19	Prof.Sachin Puntambekar	Assistant Professor	Electronics Engineering	3	3	3
20	Prof.Prasanna Dubey	Assistant Professor	Electronics Engineering	3	3	3
21	Prof.SANTOSH DINKAR GADEKAR	Assistant Professor	Electrical Engineering	3	3	3
22	Prof.Sheetal Bawane	Assistant Professor	Electronics Engineering	3	3	3
23	Prof.Aayushi Bhardwaj	Assistant Professor	Electronics Engineering	3	3	3
24	Prof.Mangesh Shelke	Assistant Professor	Electrical Engineering	3	2	3
25	Prof.Ashish Shrivastava	Assistant Professor	Electronics Engineering	3	3	2
26	Prof.Hariom Patidar	Assistant Professor	Electronics Engineering	3	3	3
27	Prof.Yogesh Payasi	Assistant Professor	Electronics Engineering	3	2	3
28	Prof.Preeti Singh	Assistant Professor	Electrical Engineering	3	3	3
29	Prof.Puja Singh	Assistant Professor	Electronics Engineering	3	3	3
30	Prof.Vijeta k	Assistant Professor	Electrical Engineering	3	3	3
31	Prof.Madan Pal Singh	Assistant Professor	Electronics Engineering	3	3	3
32	Prof.Dhiraj Kumar	Assistant Professor	Electronics Engineering	3	3	3
33	Prof.Awane Subhedar	Assistant Professor	Electronics Engineering	3	3	3
34	Prof.Manoranjan Kumar Sinha	Assistant Professor	Electronics Engineering	3	3	3
35	Prof.Nitesh Kumar Soni	Assistant Professor	Electronics Engineering	3	2	2
36	Prof.Aditya Mandloi	Assistant Professor	Electronics Engineering	3	3	3

37	Prof.Vasim Khan	Assistant Professor	Electronics Engineering	3	2	2
38	Prof.Rahul Nigam	Assistant Professor	Electronics Engineering	3	3	3
39	Prof.Priya Rathore	Assistant Professor	Electronics Engineering	3	3	3
40	Prof.Dipali Sarvate	Assistant Professor	Electronics Engineering	3	3	2
41	Prof.Himanshu Shekhar	Assistant Professor	Electrical Engineering	3	3	3
42	Prof.Sanjiv Kumar Jain	Assistant Professor	Electrical Engineering	3	3	3
43	Prof.prabhat pandey	Assistant Professor	Electronics Engineering	3	3	3
44	Prof.Pavan Mehta	Assistant Professor	Electronics Engineering	3	3	3
45	Prof.Smita Prajapati	Assistant Professor	Electronics Engineering	3	2	2
47	Prof.Divya Jain	Assistant Professor	Electronics Engineering	3	3	3
48	Prof.Smita Prajapati	Assistant Professor	Electronics Engineering	3	3	3
49	Prof.Anurag Singh	Assistant Professor	Electrical Engineering	3	3	2
50	Prof.Divya Jain	Assistant Professor	Electronics Engineering	3	3	3
51	Prof.Smita Prajapati	Assistant Professor	Electronics Engineering	3	3	3
52	Prof.Neha kapil	Assistant Professor	Electronics Engineering	3	3	3
53	Prof.Suyog Munshi	Assistant Professor	Electronics Engineering	3	3	3
54	Prof.Neha Verma	Assistant Professor	Electronics Engineering	3	2	2
56	Prof.Sharda Patwa	Assistant Professor	Electrical Engineering	3	3	3
57	Prof.Khaliq Ahmed	Assistant	Electrical Engineering	3	3	3

		Professor				
58	Prof.Juned Ahmed Siddique	Assistant Professor	Electronics Engineering	3	2	2
59	Prof.Varsha Khule	Assistant Professor	Electronics Engineering	3	3	3
All CO Attainment = 3						

CO-PO Attainment of FDP												
COs / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	–	–	2	–	1	–	–	–	–	2
CO2	2	2	3	2	3	–	–	–	1	–	2	2
CO3	2	2	3	2	3	1	2	–	2	1	3	2
SUM	7	6	6	4	8	1	3	0	3	1	5	6
Total Attainm ent of FDP	2.33	2	2	1.33	2.66	0.33	1	0	1	0.33	1.66	2

Medicaps University, Indore
Department of Computer Science Engineering, Computer Applications, Information
Technology & Computer Science
8-Day Faculty Development Programme (FDP)
Leveraging Artificial Intelligence in Smart Teaching and Learning
11th to 18th April 2026

FDP Report

The 8-day Faculty Development Programme (FDP) titled "Leveraging Artificial Intelligence in Smart Teaching and Learning" was organized by the Departments of Computer Science Engineering, Computer Applications, Information Technology & Computer Science, Medicaps University, Indore.

The programme was conducted in collaboration with the Association of Indian Universities – Medicaps University Academic and Administrative Development Centre (AIU-MU AADC). Conducted in hybrid mode, the FDP aimed to bridge the gap between traditional pedagogical methods and modern AI-driven educational technologies.

Objectives

The primary objective of the FDP was to empower educators with the tools and knowledge required to integrate Artificial Intelligence into their teaching practices. The key objectives included:

- Enhancing the digital competency of faculty members across various disciplines.
- Exploring the use of Generative AI tools such as ChatGPT and Gemini for content creation and lesson planning.
- Understanding the role of Machine Learning in personalized student assessment and learning analytics.
- Promoting ethical AI practices in classrooms to ensure academic integrity.

Inauguration

The programme was inaugurated at 9:00 AM in the Minor Auditorium.

The welcome address was delivered by Prof. (Dr.) Ratnesh Litoriya, Dean, CSE and Allied Branches, highlighting the importance and objectives of the FDP and providing an overview of the 8-day schedule.

The Pro-Vice Chancellor, Prof. (Dr.) Birajashis Patnaik, addressed the gathering and emphasized that learning AI-based teaching tools would significantly help faculty members make their teaching more interactive and effective for students.

The session continued with an insightful speech by the distinguished guest, Dr. Anand Jalal, who shared valuable perspectives on integrating Artificial Intelligence into education.

Finally, the Hon'ble Vice-Chancellor delivered an inspiring address, encouraging participants to actively engage in the FDP to enhance the quality of teaching and learning.

FDP Sessions

Various sessions on diverse themes related to AI in education were conducted by national as well as international experts, as detailed below:

Day 1 (11.04.2026) – Offline Mode

Session I

Topic: Roadmap for AI Integration in HEIs

Time: 10:30 AM – 12:30 PM

Speaker: Dr. Anand Jalal, Professor, SCS, DAVV, Indore

Session II

Topic: Redesigning Teaching Methodologies using Intelligent Educational Technologies

Time: 1:30 PM – 4:30 PM

Speaker: Dr. Nandan Garg, Technical Project Manager, Accion Lab, USA

Both sessions provided valuable insights into teaching and learning through the effective use of AI tools, greatly benefiting all participants.

Day 2 (12.04.2026) – Online Mode

Session I

Topic: Generative AI in Higher Education

Speaker: Prof. Prateek Pandey, Associate Professor & Associate Dean, Jaypee University of Engineering & Technology, Guna

Session II

Topic: Personalized & Adaptive Learning with AI

Speaker: Prof. Neeraj Rathore, Professor, Department of CSE, NITTTR, Bhopal

Session III

Topic: AI in Teaching, Learning & Content Development

Speaker: Prof. Indrabayu, Professor and Head, Department of Informatics, UNHAS, Indonesia

The sessions sparked engaging discussions on how AI can reshape pedagogy, enhance learner engagement, and streamline content creation.

Day 3 (13.04.2026) – Online Mode

Topic

AI Tools for Smart Classroom Management

Speaker: Prof. Nilesh Kumar Patel, Associate Professor, Institute of Technology, Nirma University, Ahmedabad

The session covered:

- Behavioural tracking and support
- Automated grading
- Lesson planning and resource organization
- PDF-to-video conversion tools

Prof. Nilesh also explained how AI assistants can support educators and instructors in creating smart classrooms.

Day 4 (14.04.2026) – Online Mode

Topic

AI in Assessment and Digital Valuation

Speaker: Prof. Prashant Panse, Professor and Associate Dean – Digitalization, Medicaps University

The session focused on redefining assessment methods by moving beyond simple “right or wrong” evaluation toward capturing the nuanced process of students’ academic development.

Major areas discussed included:

- Summative and formative assessment
- Bloom’s Taxonomy meets AI evaluation
- AI-powered code evaluation
- Traditional vs. AI-powered assessment

Prof. Prashant also explained how assessments are evolving from simple content generation tasks to activities involving critique, fact-checking, and synthesis of AI-generated information.

Day 5 (15.04.2026) – Online Mode

Topic

Using AI to Interpret Student Data for Evidence-Based Teaching

Speaker: Prof. (Dr.) Satyendra Singh Chouhan, Associate Professor, MNIT Jaipur

The session included three major parts:

Part I

- Assessing current student levels
- FOSIL inquiry cycle

Part II

- Active vs. passive learning
- Group vs. cooperative study

Part III

- The MTSS model
- Canvas analytics

Prof. Satyendra also demonstrated useful AI tools such as NotebookLM and Ollama.

Day 6 (16.04.2026) – Online Mode

Topic

AI for Institutional Governance and Administration

Speaker: Prof. (Dr.) Ratnesh Litoriya, Associate Dean, Computing and Allied Branches, Medicaps University, Indore

Key agenda points included:

- AI in academic administration
- AI in institutional governance
- Quality assurance and accreditation
- AI in operational efficiency
- Real-world case studies
- Ethics, law, and privacy
- Challenges and limitations
- Implementation roadmap
- Future trends
- Interactive activities
- Conclusion and call to action

The session was highly insightful and engaging as it included discussions on AI-powered decision support systems, predictive analytics for policy-making, AI-powered timetable generation, and AI governance frameworks for Indian universities.

Day 7 (17.04.2026) – Online Mode

Session I

Topic: Transformative Role of AI in Smart Teaching and Learning Ecosystem

Speaker: Prof. Akhilesh Kumar Sharma, Professor & HOD, Department of Data Science and Engineering, Jaipur Manipal

Session II

Topic: Ethical, Legal and Responsible AI in Education

Speaker: Mr. Amit Purohit, Technical Program Management, Minneapolis, Minnesota, USA

Dr. Akhilesh discussed smart teaching-learning practices using AI tools such as Multi, Whiteboard, and various hands-on demonstrations.

Mr. Amit Purohit addressed topics including:

- Academic integrity in the AI era
- Legal issues in AI
- Identity bias
- Responsible AI usage

The sessions were highly interactive and concluded with vibrant Q&A discussions.

Day 8 (18.04.2026) – Offline Mode

The FDP concluded in two parts.

Part I – Panel Discussion

The day commenced with a panel discussion on the topic “The Future of AI-Enabled Universities.”

Panel members included:

- Mr. Pradeep Raghuwanshi, Senior Consultant, TCS
- Prof. Ajay Kulkarni, Dean of Engineering
- Prof. Ratnesh Litoriya, Associate Dean of Engineering and Allied Branches
- Prof. Prashant Panse, Dean – Digitalization
- Prof. Manoj Kumar Rawat

The panel discussion was moderated by Prof. Kailash C. Bandhu, HOD, CSE.

Major discussion points included:

- Ethics, equity, and the digital divide
- Academic integrity in the generative AI era
- Measurable and non-measurable expenditure in AI adoption
- Research and global collaboration
- Institutional strategy and workforce evaluation

Part II – Valedictory Function

The valedictory function began with the Medicaps Anthem, followed by the welcome of guest Mr. Pradeep Raghuwanshi by Hon'ble Pro-Vice Chancellor Prof. Birajashis Patnaik.

The overall summary report of the 8-day FDP was presented by Programme Co-Chair Prof. Kailash C. Bandhu. Participants shared their valuable feedback regarding the programme.

The gathering was addressed by Mr. Pradeep Raghuwanshi and Hon'ble Pro-Vice Chancellor Prof. Birajashis Patnaik.

Certificates were distributed to all participants and committee members by the dignitaries. The closing remarks were delivered by Convener Prof. Ruby Bhatt, followed by a vote of thanks proposed by Programme Co-Chair Prof. D. S. Rao.

Conclusion

Over the course of eight days, the FDP explored how Artificial Intelligence can transform classrooms by making teaching more engaging, personalized, and effective.

What made this FDP truly special was the diversity of expert insights shared by distinguished national and international speakers. The knowledge, tools, and experiences shared during the programme will inspire educators to innovate and integrate AI meaningfully into their teaching practices.

The true success of this FDP will not be measured immediately, but through the positive transformation these ideas bring into classrooms in the future.

Heartfelt gratitude is extended to the Hon'ble Vice Chancellor, Pro-Vice Chancellor, Dean of Academic Affairs, and Registrar for their unwavering support. Special appreciation is also extended to Prof. Saurabh Jain, Prof. Kailash C. Bandhu, Prof. D. Srinivasa Rao, Prof. Vidhya Samad Barfa, and Prof. Ruby Bhatt, whose encouragement and dedication kept participants motivated throughout the programme.

Report Submitted by



Dr. Ruby Bhatt
FDP Convenor

Report of FDP

Name of Training	:	Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration.
Schedule (Date(s) and Time)	:	02 May – 09 May 2026
Venue	:	Medicaps University, Indore
Duration	:	10:00 AM – 05:00 PM & 6.00 PM- 9.00 PM
Organizing Faculty/ Convener Co-Convener	:	Dr.Parul Sharda & Dr.Ravi Vyas
Organizing Department	:	Department of Management and Commerce
Faculty Coordinators	:	All Faculties (Department of Management and Commerce Studies)
Total Number of Participants	:	75
Expert(s) Profile	:	1. Dr.Sangeeta Jain 2. Dr.Swagata Gupta 3. Dr,Priti Pandey 4. Dr.A.A.Koser 5. Dr.Akber Ali 6. Dr.Nupur Sharma 7. Dr.Prashant Panse 8. Dr.Nidhi Sharma 9. Dr.A.R.Qureshi 10. Dr.Vineeta Rathore

Event Objectives:

1. To provide practical knowledge of implementing Outcome-Based Education (OBE) using digital tools.
2. To enable participants to design and evaluate outcome-based courses and assessments.
3. To enhance understanding of learning analytics and dashboards for effective decision-making.
4. To help institutions draft strategies aligned with OBE principles and operations.
5. To promote inter-institutional networking and collaborative academic reform.

Event Outcomes:

EO1 – Gain practical knowledge of OBE implementation using digital tools.

EO2- Design and evaluate outcome-based courses and assessments.

EO3- Use learning analytics and dashboard for decision making.

EO4- Draft institutional strategies to align operations with OBE principles.

EO5-Establish inter-institutional networks for collaborative reforms.

3. About the Program

OBE FDP Schedule 03-09 MAY 2026							
Session No.	Date	Time	Duration	Mode of Delivery	Title	Content	Speakers
1	03-May-26	10:00 AM – 1:00 PM	3 hrs	Online	Technology in Research Collaboration	Research networking platforms, Online collaboration tools, Data sharing & research ethics, Interdisciplinary research	Dr. Nupur Sharma
2	04-May-26	10:00 AM – 5:00 PM	7 hrs	Offline	Introduction to Outcome-Based Education (OBE)	Concept and evolution of OBE, Key principles of OBE, Student-centric learning approach	Dr. Swagata Gupta
3	04-May-26	10:00 AM – 5:00 PM	7 hrs	Offline	OBE Framework & Outcome Mapping	Program Educational Objectives (PEOs), Program Outcomes (POs), Course Outcomes (COs), CO-PO Mapping & Attainment	Dr. A.A. Koser
4	04-May-26	6:00 PM – 9:00 PM	3 hrs	Online	Curriculum Design under OBE	Writing measurable outcomes, Bloom's Taxonomy (Cognitive levels), Curriculum alignment	Dr. Akbar Ali
5	05-May-26	6:00 PM – 9:00 PM	3 hrs	Online	Technology in Pedagogy	LMS platforms, Blended learning, Flipped classroom model, AI tools in education	Dr. Prashant Panse
6	06-May-26	6:00 PM – 9:00 PM	3 hrs	Online	Assessment in OBE	Rubrics design, Continuous Internal Evaluation, Attainment calculation	Dr. Nidhi Sharma
7	07-May-26	6:00 PM – 7:30 PM	3 hrs	Online	Assessment Content & Question Paper Creation	Blueprinting question papers, Bloom's level-based question framing, Higher Order Thinking Skills (HOTS), Internal & external exam alignment	Dr. A.R. Qureshi & Dr. Vineeta Rathore
8	07-May-26	7:30 PM – 9:00 PM	3 hrs	Online	Assessment Content & Question Paper Creation	Blueprinting question papers, Bloom's level-based question framing, Higher Order Thinking Skills (HOTS), Internal & external exam alignment	Dr. Vineeta Rathore
9	08-May-26	6:00 PM – 9:00 PM	3 hrs	Online	Governance & Academic Planning	Academic governance structure, Role of Boards & Committees, Strategic planning in higher education, Policy	Dr. Akbar Ali

						framework	
10	09-May-26	10:00 AM – 1:00 PM	7 hrs	Offline	Action Planning & Continuous Quality Improvement	SMART goal setting, KPI development, Outcome attainment analysis, Continuous Quality Improvement (CQI) cycle	Dr. Priti Pandey
11	09-May-26	2:30 PM – 5:00 PM	7 hrs	Offline	Administration & Institutionalization of OBE	Documentation & compliance, Accreditation requirements, Faculty training, Monitoring & continuous improvement	Dr. Sangeeta Jain

Day 1: Session 1

Title: Technology in Research Collaboration

Time: 10:00 AM – 1:00 PM




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8-DAYS FDP IN COLLABORATION WITH AIU-MU-AADC

on

"Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration"

3rd May 2026

SPEAKER

DR. NUPUR SHARMA



ASSISTANT PROFESSOR, CHITKARA UNIVERSITY, CHANDIGARH

Topic-
Technology in Research Collaboration

www.medicaps.ac.in

The FDP session focused on strengthening Outcome-Based Education (OBE) through technology integration. It highlighted research ethics, digital tools, and innovation in academic practices, with the active participation of more than 40 participants.

Key Highlights:

- Emphasis on research ethics including data privacy, informed consent, and AI-related challenges
- Role of research in OBE as an evidence-based and continuous improvement approach
- Use of platforms like ORCID & Research Gate for academic identity and collaboration
- Academic writing tools such as Overleaf, Google Docs, and MS Word (One Drive)
- Opportunities and risks of AI in research and academic integrity
- Introduction to collaborative tools like Miro, MS Teams, Slack, and Trello

The session strengthened understanding of integrating technology with OBE and promoting ethical, research-driven teaching practices.

Day 2: Session 2

Title: Introduction of Outcome Based Education

Time: 11:00 AM – 1:00 PM



The poster features the logos of Medicaps Faculty of Management Studies, the University of India, and Medicaps Faculty of Commerce at the top. The main text reads: 'FACULTY OF MANAGEMENT STUDIES & COMMERCE IS ORGANISING 8-DAY FDP IN COLLABORATION WITH AIU-MU-AADC on "Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration" 02th to 09th May 2026'. Below this, it identifies the 'CHIEF GUEST & SPEAKER' as 'DR. SWAGATA GUPTA', accompanied by her portrait. Her title is listed as 'ASSOCIATE PROFESSOR & IQAC COORDINATOR GOVT. HOLKAR SCIENCE COLLEGE, INDORE'. The topic is 'Introduction to Outcome-Based Education (OBE)'. The website 'www.medicaps.ac.in' is at the bottom.

The Faculty Development Programme commenced with an enriching inaugural session focused on the evolving landscape of higher education and the growing importance of Outcome-Based Education (OBE). The session set a strong foundation for academic excellence, innovation, and learner-centric teaching practices.

The programme began with an insightful address by Dr. Priti Pandey, who emphasized the transition from traditional teaching approaches to learner-centric education. She highlighted the significance of Outcome-Based Education (OBE) in enhancing student learning, skill development, and academic accountability in higher education institutions.

Dr. Ravi Vyas introduced the objectives and vision of the FDP, emphasizing its role in fostering collaboration, innovative pedagogical practices, and continuous faculty development. The session encouraged participants to adopt modern teaching methodologies aligned with evolving educational standards and accreditation requirements.

The Chief Guest, Dr. Swagata Gupta, delivered an expert session on the fundamentals of OBE and the need for digital transformation in education. The discussion focused on integrating technology into teaching-learning processes, promoting interactive learning environments, and ensuring holistic student development through outcome-oriented academic practices.

Valuable insights were also shared by the Registrar and Pro Vice Chancellor, Dr. Pattnayak, who emphasized the ethical and responsible use of technology in academics. The

importance of active student participation, experiential learning, and faculty adaptability in the modern educational ecosystem was strongly highlighted.

The inaugural session concluded with a heartfelt vote of thanks delivered by Dr. D.K. Pandey, expressing gratitude to all dignitaries, resource persons, organizers, and participants for their valuable contributions and enthusiastic participation.

Session 3:

Title: OBE Framework & Outcome Mapping

Time: 02:30 PM – 4:30 PM



The poster features logos for Medicaps Faculty of Management Studies, the Association of Indian Universities (AIU), and Medicaps Faculty of Commerce. It announces an 8-day FDP in collaboration with AIU-MU-AADC on the topic "Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration" on 4th May 2026. The Chief Guest & Speaker is Dr. A. A. Koser, Director of IQAC at Medicaps University, Indore. The topics are OBE Framework & Outcome Mapping and Curriculum Design under OBE. The website www.medicaps.ac.in is listed at the bottom.

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8-DAYS FDP IN COLLABORATION WITH AIU-MU-AADC
on
"Strengthening Outcome-Based Education (OBE) Framework in
Higher Education Institutions through Technology Integration"
4th May 2026

CHIEF GUEST & SPEAKER

DR. A. A. KOSER

**DIRECTOR- IQAC, MEDICAPS UNIVERSITY,
INDORE**

Topics-

1. OBE Framework & Outcome Mapping
2. Curriculum Design under OBE

www.medicaps.ac.in

This session featured insightful expert sessions conducted by Dr. A. A. Koser, focusing on advanced strategies for the effective implementation of Outcome-Based Education (OBE). The sessions provided participants with practical approaches to strengthen teaching-learning processes and improve outcome attainment.

The discussions emphasized the importance of **differential teaching methodologies** to address diverse learner needs and promote inclusive classroom engagement. Participants gained clarity on the systematic formulation of learning outcomes and their alignment with Course Outcomes (COs) and Programme Outcomes (POs).

A significant focus was placed on the application of **Bloom's Taxonomy** in designing learning objectives, classroom activities, and assessment methods. The resource person explained how cognitive levels can be effectively mapped to ensure meaningful learning experiences and measurable academic outcomes.

The sessions also highlighted the importance of **authentic assessment practices**, encouraging the use of practical, skill-oriented, and experiential evaluation techniques rather than relying solely on traditional examinations. Discussions included the integration of **hybrid learning models, multimedia e-content, faculty upskilling, and ICT-enabled teaching tools** to create more interactive and technology-driven learning environments. Special emphasis was given to **structured outcome formulation** and the use of digital platforms such as Anuvadini and Bhashini for promoting inclusive and multilingual learning experiences. These tools were presented as effective resources for enhancing accessibility and student engagement across diverse linguistic backgrounds.

AIU-MU-AADC FDP

Day 2 – Session 4

Title: Curriculum Design Under OBE

Time: 06:00 PM – 09:00 PM



The poster features logos for Medicaps Faculty of Management Studies, the University of India, and Medicaps Faculty of Commerce. It announces an 8-day FDP in collaboration with AIU-MU-AADC on May 4th, 2026. The speaker is Dr. Akbar Ali, Assistant Professor at Medicaps University, Indore. The topic is Curriculum Design under OBE. The website www.medicaps.ac.in is listed at the bottom.

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on
**"Strengthening Outcome-Based Education (OBE) Framework in
Higher Education Institutions through Technology Integration"**
4th May 2026

SPEAKER

DR. AKBAR ALI



**ASSISTANT PROFESSOR,
MEDICAPS UNIVERSITY, INDORE**

Topics-
1. Curriculum Design under OBE

www.medicaps.ac.in

The expert Dr. Akbar Ali in his session highlighted measurable Course Outcomes (COs) are central to effective Outcome-Based Education. It emphasized the need for strong alignment between outcomes, teaching methods, and assessment practices to ensure meaningful learning and valid achievement of program outcomes.

Participants explored how AI tools can support drafting COs when used with structured prompts, while also recognizing the challenge of mapping competencies with performance indicators. The

importance of assigning proper weightage to assessments based on learning taxonomy was also discussed.

The session concluded that traditional methods like lectures and MCQs alone are insufficient for application-based learning. Effective teaching requires a shift toward skill-oriented approaches, where clear direction and alignment drive impactful outcomes.

AIU-MU-AADC FDP

Day 3: Session 5

Title: Technology in Pedagogy

Time: 06:00 PM – 09:00 PM



The poster is for an 8-day FDP organized by the Faculty of Management Studies & Commerce in collaboration with AIU-MU-AADC. The topic is "Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration" on 5th May 2026. The speaker is Dr. Prashant Panse, Associate Dean of Digitization at Medicaps University, Indore. The topics include Technology in Pedagogy. The website www.medicaps.ac.in is listed at the bottom.

MEDICAPS FACULTY OF MANAGEMENT STUDIES  **MEDICAPS FACULTY OF COMMERCE**

FACULTY OF MANAGEMENT STUDIES & COMMERCE IS ORGANISING
8-DAYS FDP IN COLLABORATION WITH AIU-MU-AADC
on
"Strengthening Outcome-Based Education (OBE) Framework in
Higher Education Institutions through Technology Integration"
5th May 2026

SPEAKER

DR. PRASHANT PANSE



**ASSOCIATE DEAN OF DIGITIZATION,
MEDICAPS UNIVERSITY, INDORE**

Topics-
1. Technology in Pedagogy

www.medicaps.ac.in

The session focused on strengthening participants' understanding of Outcome-Based Education (OBE) by emphasizing the transition from traditional content delivery methods to a learner-centric approach centered on measurable student outcomes. The discussions highlighted the need for systematic planning, assessment, and continuous improvement to ensure effective outcome attainment.

A major highlight of the session was the role of the **Learning Management System (LMS)** as the backbone of OBE implementation. The resource person explained how LMS platforms support CO–PO mapping, assessment tracking, data analytics, and academic monitoring, enabling institutions to maintain transparency, evidence-based evaluation, and accreditation readiness.

Participants actively engaged in a **Programme Outcome (PO) Attainment Activity**, which provided practical exposure to Course Outcome (CO) and Programme Outcome (PO) mapping. The activity helped faculty members understand attainment calculations, identify performance gaps, and explore improvement strategies for enhancing student learning outcomes.

The session also emphasized the significance of the **PDCA (Plan-Do-Check-Act) Cycle** as an effective framework for continuous quality improvement. Faculty members were encouraged to adopt a structured approach toward planning academic activities, implementing strategies, evaluating outcomes, and taking corrective actions for sustained institutional growth.

The session concluded with several actionable recommendations for strengthening OBE practices, including effective LMS adoption, alignment with Bloom's Taxonomy, use of dashboards and analytics for monitoring attainment, integration of AI-enabled tools, and systematic closure of the feedback loop to ensure continuous academic enhancement and student success.

AIU-MU-AADC FDP

Day 5: Session 6

Title: Assessment in OBE

Time: 10:00 AM – 1:00 PM



The poster features the logos of Medicaps Faculty of Management Studies, the Ministry of Higher Education, Government of India, and Medicaps Faculty of Commerce. The text reads: 'FACULTY OF MANAGEMENT STUDIES & COMMERCE IS ORGANISING 8-DAYS FDP IN COLLABORATION WITH AIU-MU-AADC on "Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration" 6TH May 2026 SPEAKER DR. NIDHI SHARMA'. Below this is a photo of Dr. Nidhi Sharma, Sr. Assistant Professor, PIMR (Deemed to be University), Indore. The topic is 'Assessment in OBE' and the website 'www.medicaps.ac.in' is listed at the bottom.

Today's session focused on mastering assessment strategies and ensuring robust alignment within the OBE framework. Resource Person was Dr. Nidhi Sharma; she clarified direct and indirect methods to accurately measure student learning.

Mapping & Alignment: Reinforced CO-PO mapping and assessment mapping with COs for precise outcome measurement.

Practical Application: Conducted scenario analysis to identify performance gaps and hands-on rubric design for transparent evaluation.

CIE Framework: Designed structured Continuous Internal Evaluation (CIE) frameworks, ensuring multiple assessment touch points per CO.

Data-Driven Insights: Detailed CO attainment calculations based on specific performance thresholds and weighted scoring.

The session empowered faculty to move beyond traditional grading toward designing systematic, outcome-aligned assessment strategies that foster continuous improvement.

Day 6: Session 7

Title: Assessment Consent and Question Paper Creation

Time: 06:00 APM – 7:30 PM



The poster features the logos of Medicaps Faculty of Management Studies, the Association of Indian Universities (AIU), and Medicaps Faculty of Commerce at the top. The main text announces an 8-day FDP in collaboration with AIU-MU-AADC, focusing on strengthening the Outcome-Based Education (OBE) framework through technology integration, scheduled for 7th May 2026. The speaker is Dr. A R Qureshi, Assistant Professor at Medicaps University, whose portrait is shown in a circular frame. The topic is 'Assessment Content & Question Paper Creation'. The website www.medicaps.ac.in is listed at the bottom.

MEDICAPS FACULTY OF MANAGEMENT STUDIES  **MEDICAPS FACULTY OF COMMERCE**

FACULTY OF MANAGEMENT STUDIES & COMMERCE IS ORGANISING
8-DAYS FDP IN COLLABORATION WITH AIU-MU-AADC
on
**"Strengthening Outcome-Based Education (OBE) Framework in
Higher Education Institutions through Technology Integration"**
7th May 2026
SPEAKER
DR. A R QURESHI

ASSISTANT PROFESSOR, MEDICAPS UNIVERSITY

Topic-
Assessment Content & Question Paper Creation

www.medicaps.ac.in

Today's sessions focused on effective assessment planning, Bloom's Taxonomy integration, and structured question paper design within the Outcome-Based Education (OBE) framework.

The discussions emphasized aligning Course Outcomes (COs) with Bloom's cognitive levels to ensure meaningful and measurable learning assessment. The resource person highlighted the importance of balanced assessment design, rubric-based evaluation, and continuous feedback mechanisms for improving teaching effectiveness and student performance.

The session also covered industry integration, interdisciplinary learning outcomes, and student empowerment through self and peer assessment practices. Special emphasis was placed on technology-enabled tracking systems for monitoring CO and PO attainment and supporting data-driven academic improvement.

Overall, the session encouraged faculty members to design outcome-driven and learner-centric academic experiences aligned with global educational and accreditation standards.

Day 6: Session 8**Title: Assessment Consent and Question Paper Creation****Time: 07:30 APM – 9:00 PM**

The banner features logos for Medicaps Faculty of Management Studies, Association of Indian Universities, and Medicaps Faculty of Commerce. The text reads: 'FACULTY OF MANAGEMENT STUDIES & COMMERCE IS ORGANISING 8-DAYS FDP IN COLLABORATION WITH AIU-MU-AADC on "Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration" 7th May 2026 SPEAKER DR. VINITA RATHORE ASSISTANT PROFESSOR, MEDICAPS UNIVERSITY Topic- Assessment Content & Question Paper Creation www.medicaps.ac.in'.

The session focused on blueprint alignment and scientific question paper design to ensure effective mapping with Course Outcomes (COs) and Bloom's Taxonomy levels. The resource person emphasized the importance of balanced weightage, varied question formats, and progressive difficulty levels for holistic and fair student evaluation.

Special focus was given to application-oriented and case-based questions to enhance critical thinking, analytical abilities, and real-world problem-solving skills among students. The discussion also highlighted the importance of clear rubrics, comprehensive syllabus coverage, and the use of assessment outcomes as a feedback mechanism for continuous curriculum improvement.

Overall, the session provided valuable insights into developing transparent, outcome-aligned, and learner-centric assessment practices that support academic quality enhancement and continuous improvement within the OBE framework.

AIU-MU-AADC FDP

Day 7: Session 9

Title: Governance and Academic Planning

Time: 06:00 PM – 09:00 PM



The poster features the logos of Medicaps Faculty of Management Studies, the University of Indian Chamber of Commerce & Industry, and Medicaps Faculty of Commerce. The text reads: 'FACULTY OF MANAGEMENT STUDIES & COMMERCE IS ORGANISING 8-DAYS FDP IN COLLABORATION WITH AIU-MU-AADC on "Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration" 8th May 2026'. The speaker is identified as 'DR. AKBAR ALI', an Assistant Professor at Medicaps University, Indore, with a portrait photo. The topic is '1. Governance & Academic Planning'. The website 'www.medicaps.ac.in' is at the bottom.

Today's session, led by Dr. Akbar Ali, provided a comprehensive understanding of the Legal and Statutory Framework of Medi-Caps University, focusing on the regulatory structure that governs academic and administrative functioning within the university.

The session began with an explanation of the **Legal Hierarchy**, where participants were introduced to the institutional framework starting from the *Founding Act* as the supreme authority, followed by *Statutes*, *Ordinances*, and *Rules*. The discussion clarified how each level contributes to policy implementation, governance, and operational consistency across the university.

A detailed overview of the **University Objectives under Statute 4** was presented, highlighting the institution's commitment toward academic excellence, research advancement, infrastructure development, innovation, and achieving global educational standards.

The resource person further explained the statutory roles of key governing authorities. The **Registrar (Statute 7)** was described as the chief administrative officer and legal representative responsible for ensuring smooth institutional operations and statutory compliance. The **Board of Management (Statute 10)** was highlighted as the principal executive authority managing appointments, administration, finance, and policy execution. Similarly, the **Academic Council (Statute 11)** was identified as the apex academic body

responsible for maintaining teaching quality, curriculum standards, examinations, and academic regulations.

Special emphasis was placed on **Academic Governance and OBE Monitoring**, where the role of the **Board of Studies (Statute 19)** and **Departmental Councils (Statute 39)** was discussed in detail. The session explained how these bodies contribute to curriculum development, syllabus revision, academic planning, and continuous monitoring of Outcome-Based Education (OBE) implementation.

The session also addressed **Examination Integrity and Transparency**, outlining the strict procedures for appointing examiners, conducting evaluations, and declaring results. The importance of maintaining fairness, confidentiality, and academic credibility throughout the examination process was strongly emphasized.

AIU-MU-AADC FDP

Day 8: Session 10

Title: Strategic Planning and the White Revolution

Time: 10:30 AM – 1:00 PM



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MEDICAPS FACULTY OF COMMERCE

FACULTY OF MANAGEMENT STUDIES & COMMERCE IS ORGANISING
8-DAYS FDP IN COLLABORATION WITH AIU-MU-AADC
on
**"Strengthening Outcome-Based Education (OBE) Framework in
Higher Education Institutions through Technology Integration"**
9TH May 2026
SPEAKER
PROF. (DR.) PRITI PANDEY
DEAN FMS AND COMMERCE,
MEDICAPS UNIVERSITY, INDORE

Topic-
Administration & Institutionalization of OBE

www.medicaps.ac.in

Today's sessions focused on strengthening institutional growth through strategic planning and effective implementation of Outcome-Based Education (OBE). The discussions highlighted how structured goal-setting, accountability, and phased execution can drive measurable academic and institutional improvement.

The session on **Strategic Frameworks** introduced the *Amul Blueprint* and the *1940s crisis management model* as examples of how reverse engineering, visionary leadership, and collective efforts can successfully address large-scale institutional and national challenges.

Participants explored how such models can inspire innovation, sustainability, and long-term academic excellence in higher education institutions.

A key highlight was the emphasis on **SMART Alignment**, where faculty goals and institutional objectives were linked with the SMART framework—Specific, Measurable, Achievable, Relevant, and Time-bound. The session stressed that clearly defined and measurable objectives improve accountability, performance tracking, and continuous quality enhancement within the OBE ecosystem.

The resource person also explained the **four-phase execution roadmap** for successful implementation:

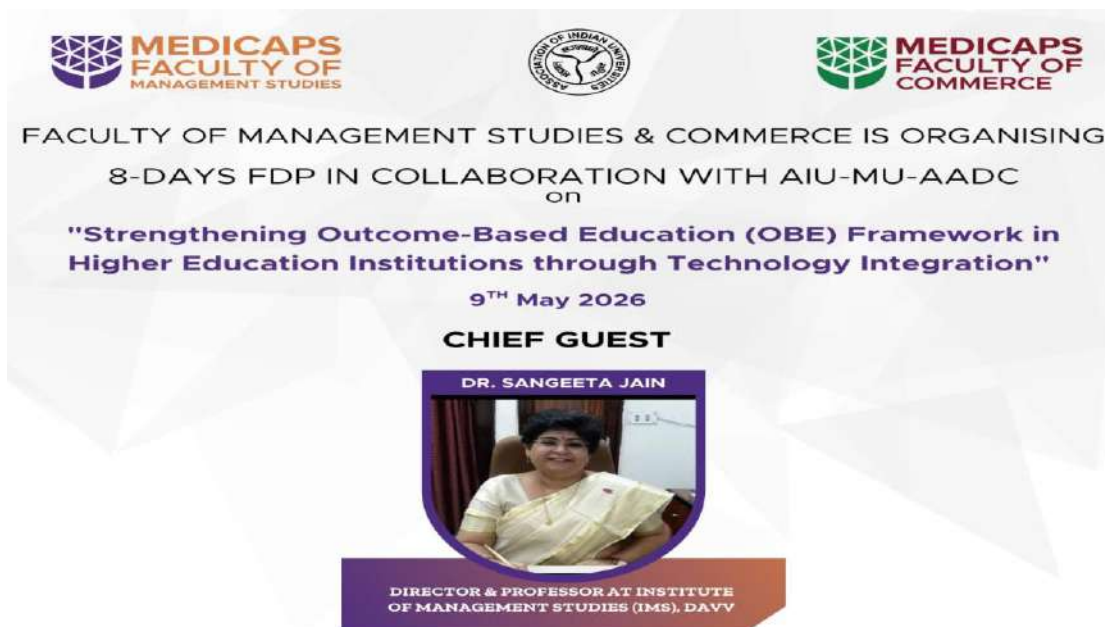
- **Planning** – defining goals, outcomes, and strategies
- **Analysis** – identifying gaps and assessing institutional readiness
- **Pilot** – testing strategies on a smaller scale
- **Scale-Up** – expanding successful practices institution-wide

Day 8: Session 11

Title: Operationalizing OBE and Gap Analysis

Time: 02:30 PM – 4:00 PM

Resource Person: Dr. Sangeeta Jain



The poster features logos for Medicaps Faculty of Management Studies, Medicaps Faculty of Commerce, and the Association of Indian Universities (AIU) at the top. The central text reads: 'FACULTY OF MANAGEMENT STUDIES & COMMERCE IS ORGANISING 8-DAYS FDP IN COLLABORATION WITH AIU-MU-AADC on "Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration" 9TH May 2026 CHIEF GUEST DR. SANGEETA JAIN'. Below this is a photo of Dr. Sangeeta Jain, with her title 'DIRECTOR & PROFESSOR AT INSTITUTE OF MANAGEMENT STUDIES (IMS), DAVV' listed underneath. The website 'www.medicaps.ac.in' is at the bottom.

Today's sessions focused on strengthening the practical implementation of Outcome-Based Education (OBE) through structured outcome alignment, continuous quality monitoring, and inclusive teaching practices.

The discussion on **Outcome Hierarchy** provided clarity on the alignment between Programme Educational Objectives (PEOs), Programme Outcomes (POs), and Course Outcomes (COs). Using *Organizational Behaviour* as a practical example, the resource

person explained how course-level learning contributes systematically to broader programme goals and graduate attributes.

A major emphasis was placed on **Closing the Loop** through effective Gap Analysis. Participants learned how to identify unmet learning outcomes using assessment data and feedback mechanisms. The session also highlighted corrective pedagogical measures such as role-plays, workshops, case discussions, and experiential learning activities to enhance student engagement and improve attainment levels.

The session further covered **Quality & Monitoring** practices essential for accreditation readiness and academic excellence. Detailed guidance was provided on maintaining course files, assessment records, mapping documents, and audit-ready academic documentation. The important role of the IQAC in monitoring quality benchmarks, ensuring compliance, and promoting continuous improvement was also emphasized.

Another important area discussed was **Inclusivity in Teaching and Assessment**. Strategies were shared to support both weak and advanced learners through remedial sessions, differentiated learning approaches, structured internal evaluations, mentoring, and project-based evidence collection. The session reinforced the importance of creating an inclusive academic environment that promotes holistic student development.

Conclusion of the FDP

The AIU-MU AADC Sponsored Faculty Development Programme on ***“Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration”*** was successfully conducted with active participation and enthusiastic engagement from academicians, administrators, and faculty members from diverse disciplines. The FDP served as a significant platform for enriching knowledge and strengthening competencies related to Outcome-Based Education, technology-enabled teaching-learning practices, assessment strategies, CO-PO mapping, learning analytics, accreditation processes, and institutional quality enhancement.

Throughout the sessions, the distinguished resource persons shared valuable insights on curriculum alignment, direct and indirect assessment methods, digital pedagogy, LMS integration, data-driven decision-making, and effective implementation of OBE practices in higher education institutions. The programme provided practical exposure to innovative tools and strategies that can enhance teaching effectiveness, student learning outcomes, and institutional excellence.

Heartfelt gratitude is extended to the Hon’ble Management, Hon’ble Vice Chancellor Sir, Respected Pro Vice Chancellor Sir, Dean Academic Affairs Sir, Registrar Office, Head AIU-MU-AADC, Dean – Faculty of Management Studies & Commerce, all the esteemed resource

persons, enthusiastic participants, and the organizing committee members for their constant support, guidance, coordination, and dedicated efforts in making this FDP a grand success.

Geo-tag Photographs:



MEDICAPS FACULTY OF MANAGEMENT STUDIES

MEDICAPS FACULTY OF COMMERCE

Faculty of Management Studies along with Faculty of Commerce is organising 8-Days Faculty Development Program in Collaboration with AIU-MU AADC

"Strengthening Outcome-Based Education (OBE) Framework in Higher Institutions through Technology Integration"

02nd to 09th May 2026

Hybrid Mode

QR Code for Registration
Registration Charge - 700/-

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MEDICAPS FACULTY OF MANAGEMENT

ASSOCIATION OF INDIAN UNIVERSITIES

MEDICAPS FACULTY OF COMMERCE

मेडिकैप्स एंथम

उच्च विचार की धारा लेकर...
नए सोच की धारा देकर...
उच्च विचार की धारा लेकर...
नए सोच की धारा देकर...
मर्यादा के पथ पर चलकर...
इस विश्व को नया सा बनाएं हम...
समाज को आगे बढ़ाएं हम...

Knowledge is power जिसको हमने पाया है
Medicaps में सपनों को सच कर दिखाया है
Knowledge is power जिसको हमने पाया है
Medicaps में सपनों को सच कर दिखाया है

FACULTY DEVELOPMENT PROGRAMME
ON
STRENGTHENING OUTCOME-BASED EDUCATION (OBE) FRAMEWORK IN HIGHER INSTITUTIONS THROUGH TECHNOLOGY INTEGRATION

OUTCOME-BASED EDUCATION

SUCCESS through INNOVATION

Organised in hybrid mode by
Faculty of Management Studies
and
Faculty of Commerce
in collaboration with AIU-MU AADC
May 02nd to May 09th, 2026
MEDICAPS UNIVERSITY, INDORE, MADHYA PRADESH

MADE WITH ♥ IN INDIA BY
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AIU-MU AADC Sponsord

FACULTY DEVELOPMENT PROGRAMME
on**"Strengthening Outcome-Based Education (OBE) Framework in
Higher Education Institutions through Technology Integration"****02nd to 09th May 2026**
Hybrid Mode**Faculty of Management Studies &
Commerce**

Medicaps University Indore 453331

0731-4259500/ 791/ 740

9926611705/ 7828711665

E-mail: hodmgmt@medicaps.ac.in**hodcommerce@medicaps.ac.in****About the University**

Medicaps University is one of the leading private universities in Central India. Since its inception, the institution has consistently aimed at creating an ideal ambience for budding technocrats and helps them to grow like true professionals. We have an optimal blend of academic brilliance and industry exposure. This has helped us in refining the candidature of our graduating students from the engineering, management, agriculture, commerce, science, pharmacy and arts field for the last 25 years.

About the Departments

The Faculty of Management Studies at Medicaps University provides comprehensive management education with a strong focus on leadership and practical learning. The curriculum is designed to equip students with the knowledge and skills required to succeed in the dynamic and evolving business environment. The faculty emphasizes academic excellence, industry exposure, and the development of effective managerial and leadership capabilities.

The Department of Commerce is dedicated to academic excellence by integrating commerce fundamentals with practical and industry-oriented exposure. It emphasizes ethical values, leadership development, research orientation, and global perspectives to foster holistic growth in teaching and learning.

About The AIU-MU AADC

Association of Indian Universities - Medicaps University Academic and Administrative Development Centre. The AADC programme aims to strengthen the academic and administrative ecosystem of higher education institutions by enhancing the professional capacities of faculty and administrative staff. The centre focus on training in online and blended teaching methods, development of e-content, technology-based assessment, research collaboration, and improving university governance through technological advancements.

Outcome of FDP

- Gain practical knowledge of OBE implementation using digital tools.
- Design and evaluate outcome-based courses and assessments.
- Use learning analytics and dashboards for decision-making.
- Draft institutional strategies to align operations with OBE principles.
- Establish inter-institutional networks for collaborative reform.

Who should attend:

- Faculty members from all disciplines (Engineering / Non-Engineering)
- Academic administrators, coordinators, and mentors IQAC / NAAC committee members
- Programme heads, course coordinators, and class counselors.

Registration Link<https://portal.medicaps.ac.in/accsoft2/MiscellaneousPayment.aspx>**Program Chair****Prof. (Dr.) Priti Pandey**

Dean FMS & Commerce

Prof.(Dr.) Saurabh Jain

Head AIU-MU AADC

Convener**Prof. Parul Sharda****Prof. Ravi Vyas****Coordinators****Prof. Shweta Pandit****Prof. Anupama Pardeshi****Organizing Committee**

Prof. Haldhar Sharma

Prof. Jitendra Talreja

Prof. Gunjan Baheti

Prof. Amrita Baid More

Prof. Dipti Sharma

Prof. Samir Dubey

Prof. Supriya Kumawat

Prof. Vatsala Singh

Prof. Hemant A. Malviya

Prof. Shilpi Nag Patil

Prof. Gunjali Trivedi

Prof. Sagar Yadav

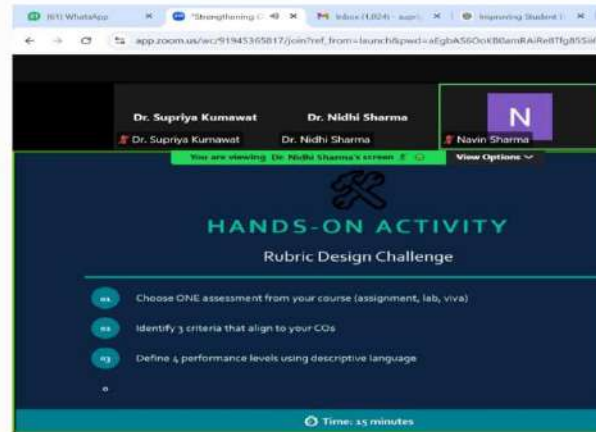
Prof. Megha Patidar

Prof. Kanak Patidar

Prof. Aditya Patondikar

**QR Code for Registration**
Registration Charge - 700/-





Thank You!

Q&A | Further Reading

STATUTORY DOCUMENTS

Statutes 1-54 [MP Gazette, 17 Jun 2016]
Medicaps University Ordinances
Rules & Regulations
MP Nij Vishwavidyalaya Act, 2007
Available: IQAC & Registrar's Office

INTERNAL RESOURCES

Academic Calendar (AC-approved)
CO-PO mapping templates (IQAC)
AQAR & NAAC preparedness docs
ERP portal: proposal tracking
www.medicaps.ac.in

REGU

UGC: Teach
AICTE: App
NAAC: 5SR
NBA: Engin
NEP 2020 (

CONT

Academic: I
Section
Financial: C
Examination
Quality & A
Statutory /

Regulations — How They Complement

MP Nij Vishwavidyalaya Act, 2007
Supreme legislative instrument [Governor-approved | Prepays over all
(Statute 1g)

STATUTES (54)
MP Gazette 17 Jun 2016 | Amendable under Section 26 | Govern all Un
operations

ORDINANCES
BoM | Cover: examinations, course schemes, academic calendars, fee struc
discipline

RULES & REGULATIONS
AC (Statute 2ee) | Service conditions, financial procedures, procurement, co
operations

AMENDMENT PROCESS:
Ordinances via AC/BoM | Regulations via BoM directly | Higher instrumen

Key Takeaways — F

STATUTORY HIERARCHY

Act > Statutes > Ordinances > Regulations
Bypassing any tier = statutory violation
Every body: defined composition, tenure,
powers and functions (Statutes 1-54)

GOVERNANCE = QUALITY

Statute 4(g): pro-active governance structure
NEP 2020 + OBE + IQAC governed through
this statutory framework
Every DC/BoS/AC/BoM decision improves
quality

Case Study: Introducing a New Programme at Medicaps

STEP 1: DC PROPOSAL & NEEDS ANALYSIS

Departmental Council: Industry survey, alumni feedback. Prepares Programme Proposal with PEOs, POs, fit framework and resource requirements

STEP 2: BoS TECHNICAL VALIDATION

reviews syllabi for disciplinary accuracy, credit hours, OBE compliance. External experts provide industry perspective. recommends to Faculty Board

STEP 3: FACULTY BOARD CROSS-ALIGNMENT

ensures no duplication with existing programmes. Validates credit equivalence and Faculty-level resource availability across departments

STEP 4: AC APPROVAL & FINANCE REVIEW

Academic Council formally approves programme, examination scheme and credit structure. Finance Committee reviews budget implications before BoM sanction

STEP 5: BoM SANCTION & IMPLEMENTATION

AC allocates resources. GB ratifies at next scheduled meeting. Regulatory approval from AICTE/UGC if required. DC then launches faculty and launches programme



Akbar Ali

Microsoft PowerPoint presentation slide titled "Vineeta Rathore" and "Dr. Anushka Sharma". The slide content includes a table with columns for "Assessment" and "Control", and a section titled "Assessment and quality risks in technology-enabled assessment". The table lists various assessment methods and their corresponding controls. The text below the table states: "Technology should improve assessment validity, not only automate compliance."

Microsoft PowerPoint presentation slide titled "Indian policy and accreditation context". The slide content includes a table with columns for "Policy" and "Assessment", and a section titled "Speaker emphasis". The table lists various policy documents and their corresponding assessment methods. The text below the table states: "OBE is not a separate file; it is a quality logic connecting syllabus, teaching, assessment and improvement."

Microsoft PowerPoint presentation slide titled "Vineeta Rathore" and "Dr. Anushka Sharma". The slide content includes a table with columns for "Assessment" and "Control", and a section titled "Assessment and quality risks in technology-enabled assessment". The table lists various assessment methods and their corresponding controls. The text below the table states: "Technology should improve assessment validity, not only automate compliance."

Microsoft PowerPoint presentation slide titled "Why CO Framing Alone Is Insufficient". The slide content includes a flowchart showing the process from "CO Written" to "Teaching Delivered" to "Question Designed". The flowchart highlights the importance of CO framing in the assessment process. The text below the flowchart states: "CO framing alone is insufficient for ensuring quality assessment."

Indore Faculty Development Program & SMART Workshop - May 2026







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Faculty Development Program

May 02nd to May 09th, 2026

सम्मान पत्र

This certificate is proudly presented to

Dr. Swagata Gupta

in recognition of your esteemed presence and valuable contribution as the Chief Guest at the Faculty Development Program on "Strengthening Outcome-Based Education (OBE) Framework in Higher Institutions through Technology Integration", organized in hybrid mode by the Faculty of Management Studies and the Faculty of Commerce, in collaboration with AIU-MU AADC, from May 02 to May 09, 2026. Your insightful thoughts, expertise, and encouragement have greatly enriched the program and inspired all participants. As a mark of our sincere appreciation and respect, we proudly present this सम्मान पत्र in honor of your invaluable support and guidance.

Vice Chancellor
Medicaps University



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Faculty Development Program

May 02nd to May 09th, 2026

सम्मान पत्र

This certificate is proudly presented to

Prof. (Dr.) Sangeeta Jain

in recognition of your esteemed presence and valuable contribution as the Chief Guest at the Faculty Development Program on "Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration", organized in hybrid mode by the Faculty of Management Studies and the Faculty of Commerce, in collaboration with AIU-MU AADC, from May 02 to May 09, 2026.

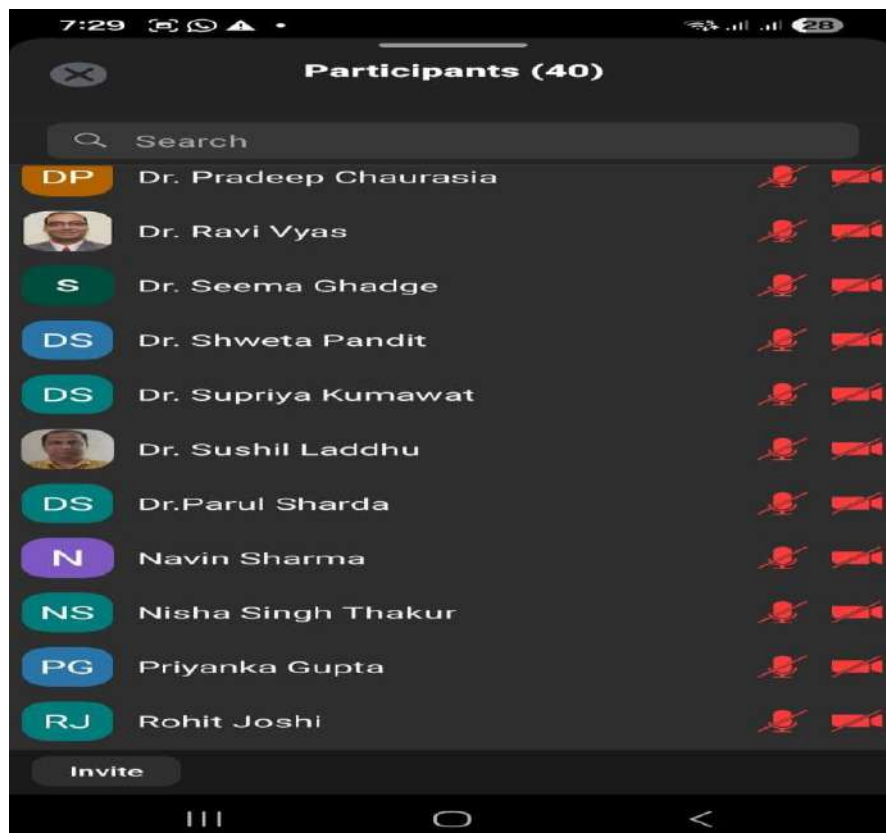
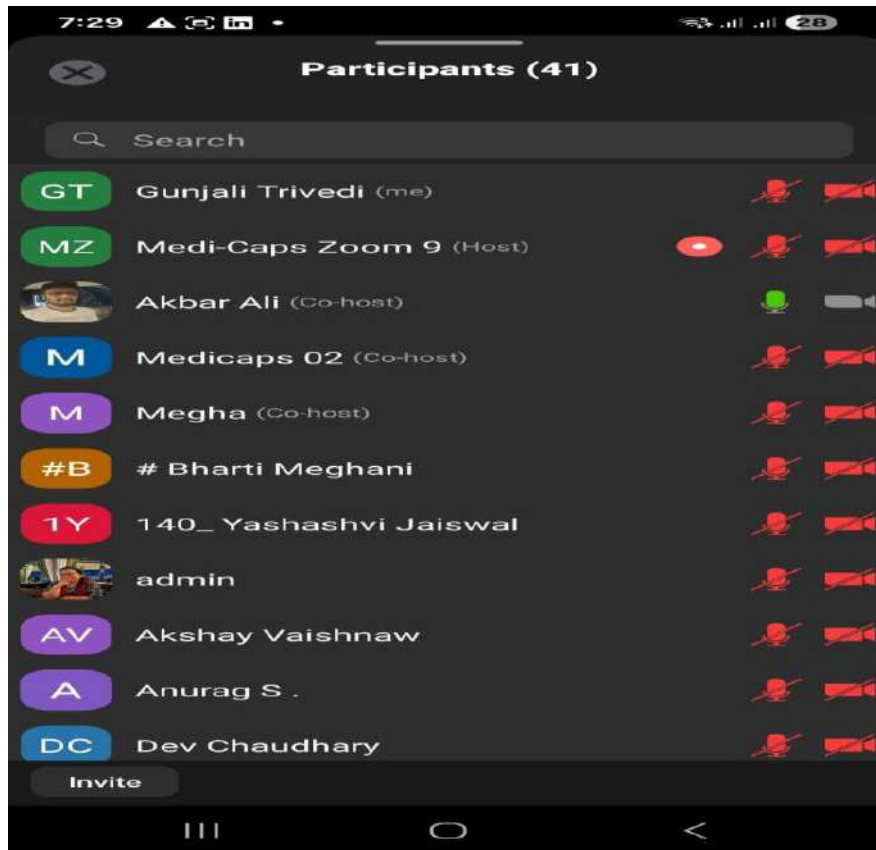
Your insightful thoughts, expertise, and encouragement have greatly enriched the program.

As a mark of our sincere appreciation and respect, we proudly present this Token Of Gratitude in honor of your invaluable support and guidance.



Vice Chancellor
Medicaps University

Attendance Sheet: (Offline hardcopy attached)



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Feedback form, Response sheet, graphs

Day 1 Feedback: (Excel sheet hardcopy attached)

FACULTY DEVELOPMENT PROGRAMME ON

STRENGTHENING OUTCOME-BASED EDUCATION (OBE) FRAMEWORK IN HIGHER INSTITUTIONS THROUGH TECHNOLOGY INTEGRATION

DAY-1 Feedback - 3rd May 2026

AIU MU AACSB sponsored Faculty Development Programme on "Strengthening OBE Framework in Higher Education through Technology Integration" Organized in hybrid mode by Faculty of Management Studies and Faculty of Commerce

This form is automatically collecting emails from all respondents. [Click here to edit](#)

About the Expert:

Excellent Very Good Good Average Poor

Content of p... ☐ ☐ ☐ ☐ ☐

Pedagogy (te... ☐ ☐ ☐ ☐ ☐

Communication... ☐ ☐ ☐ ☐ ☐

Confidence of... ☐ ☐ ☐ ☐ ☐

Subject knowl... ☐ ☐ ☐ ☐ ☐

Live example... ☐ ☐ ☐ ☐ ☐

Attitude ☐ ☐ ☐ ☐ ☐

Analytical sk... ☐ ☐ ☐ ☐ ☐

Ability to ha... ☐ ☐ ☐ ☐ ☐

About the Program:

Excellent Very Good Good Average Poor

Appropriate... ☐ ☐ ☐ ☐ ☐

Effectiveness... ☐ ☐ ☐ ☐ ☐

Created inte... ☐ ☐ ☐ ☐ ☐

Interactions ... ☐ ☐ ☐ ☐ ☐

Would you r... ☐ ☐ ☐ ☐ ☐

Would you pr... ☐ ☐ ☐ ☐ ☐

Final Comments:

Long answer text

Overall rating:

Please rate the following in the 5 point scale: 1 - Poor, 2 - Average, 3 - Good, 4 - Very Good, 5 - Excellent.

1 ☆ 2 ☆ 3 ☆ 4 ☆ 5 ☆

About the Expert:

Excellent Very Good Good Average Poor

Content of program 16 (50%) 14 (43.8%) 1 (3.1%) 1 (3.1%) 0 (0%)

Pedagogy (teaching style/pattern) 22 (68.8%) 8 (25%) 2 (6.3%) 0 (0%) 0 (0%)

Communication skills/ ability to explain 27 (84.4%) 3 (9.4%) 1 (3.1%) 0 (0%) 0 (0%)

Confidence of trainer 24 (75%) 4 (12.5%) 2 (6.3%) 0 (0%) 0 (0%)

Subject knowledge 23 (71.9%) 5 (15.6%) 2 (6.3%) 1 (3.1%) 0 (0%)

About the Program:

Excellent Very Good Good Average Poor

Appropriateness of duration of program 19 (59.4%) 13 (40.6%) 0 (0%) 0 (0%) 0 (0%)

Effectiveness of program 22 (68.8%) 7 (21.9%) 3 (9.4%) 0 (0%) 0 (0%)

Created interest 21 (65.6%) 9 (28.1%) 2 (6.3%) 0 (0%) 0 (0%)

Interactions (Whether the trainer involved you) 21 (65.6%) 7 (21.9%) 3 (9.4%) 1 (3.1%) 0 (0%)

Would you recommend the program 20 (62.5%) 10 (31.3%) 2 (6.3%) 0 (0%) 0 (0%)

Overall rating:

32 responses

1 2 3 4 5

0 (0%) 0 (0%) 2 (6.3%) 5 (15.6%) 25 (78.1%)

Email Address	About the Expert: (Content of program)	About the Expert: (Pedagogy/teaching style)	About the Expert: (Communication skills/ability to interact)	About the Expert: (Confidence of trainer)	About the Expert: (Subject knowledge)	About the Expert: (Live examples)	About the Expert: (Attitude)	About the Expert: (Analytical skills)	About the Expert: (Ability to handle queries)	About the Program: (Appropriateness of duration)	About the Program: (Effectiveness of program)	About the Program: (Created interest)	About the Program: (Interactions (Whether the trainer involved)	About the Program: (Would you suggest this program for others)	About the Program: (Would you recommend this program)	Final Comments:	Overall rating: (Pie chart)	
drpradeepchaurasia78@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Dr. Pradeep Chaurasia	5	
anushkakhanelwal231@gmail.com	Very Good	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Very Good	Very Good	Very Good	Excellent	Excellent	Very Good	Excellent	Excellent	The session is very informative	5	
anupama.pardeshi@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good	5	
samir.dubey@medicaps.edu	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very informative	5	
shwetapandit.pandit@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Session by an expert	5	
gunjali.trivedi@medicaps.edu	Very Good	Very Good	Very Good	Very Good	Good	Good	Good	Good	Very Good	Very Good	Very Good	Good	Good	Good	Good	Nice session	4	
ms25ms6010004@medicaps.edu	Very Good	Excellent	Excellent	Excellent	Excellent	Very Good	Very Good	Excellent	Excellent	Very Good	Excellent	Very Good	Excellent	Very Good	Excellent	The session was very informative	5	
ms25ms6010001@medicaps.edu	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Session was very informative	5	
sagar.yadav@medicaps.edu	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Insightful session	5	
nishasinghdwsgmail.com	Very Good	Very Good	Excellent	Very Good	Excellent	Very Good	Very Good	Very Good	Excellent	Very Good	Very Good	Excellent	Excellent	Excellent	Excellent	Awesome	5	
preetiwari@acropolis.edu	Very Good	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Very Good	Very Good	Very Good	Excellent	Excellent	Very Good	Very Good	Excellent	This Session was very informative	5	
sadiya.mansuri@medicaps.edu	Very Good	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Excellent	Good	4	
ravi.vyas@medicaps.ac.edu	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	5
gauravdasnis@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	It was excellent session	5	
amreenpathan91@gmail.com	Very Good	Excellent	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Very informative	5	
amreenpathan91@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Very informative	5	
sushil.laddhu@medicaps.edu	Very Good	Excellent	Excellent	Excellent	Very Good	Very Good	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good	Excellent	Very Good	Very Good	It was a very informative session	5	
hemantanil.malviya@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	All Good	5	
shuklaanurag1@gmail.com	Very Good	Very Good	Excellent	Excellent	Excellent	Good	Very Good	Very Good	Excellent	Excellent	Excellent	Very Good	Very Good	Very Good	Excellent	Great start of FDP	4	
shikha.kumrawat@medicaps.edu	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Nice session	5	

Feedback Day 2:




AIU-MU AADC Sponsored
FACULTY DEVELOPMENT PROGRAMME
 on
"Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration"

Faculty of Management Studies & Commerce
 Medicaps University, Indore 453331
 0731-4259500/ 7917 740

+DAY-2 Feedback - 4th May 2026

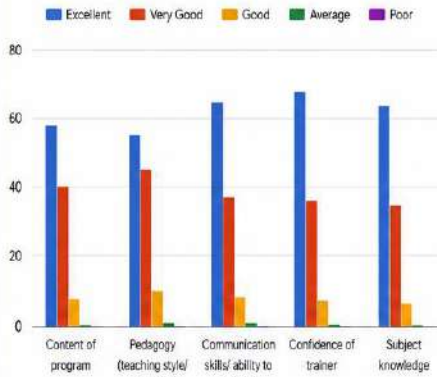
AIU-MU AADC sponsored Faculty Development Programme on "Strengthening OBE Framework in Higher Education through Technology Integration" Organised in hybrid mode by Faculty of Management Studies and Faculty of Commerce

This form is automatically collecting emails from all respondents. [Change settings](#)

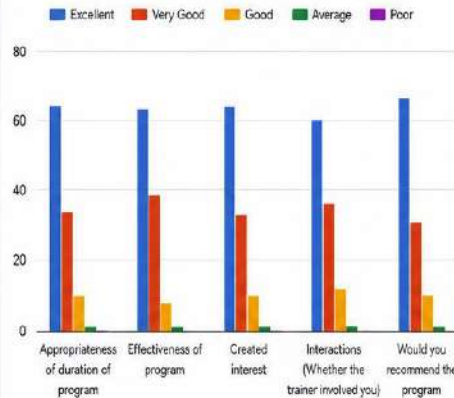
About the Expert: *

	Excellent	Very Good	Good	Average	Poor
Content of p...	☐	☐	☐	☐	☐
Pedagogy (te...	☐	☐	☐	☐	☐
Communicat...	☐	☐	☐	☐	☐
Confidence...	☐	☐	☐	☐	☐
Subject kno...	☐	☐	☐	☐	☐
Live example...	☐	☐	☐	☐	☐
Attitude	☐	☐	☐	☐	☐
Analytical sk...	☐	☐	☐	☐	☐
Ability to ha...	☐	☐	☐	☐	☐

About the Expert



About the Program



Overall rating

Please rate the following in the 5 point scale:

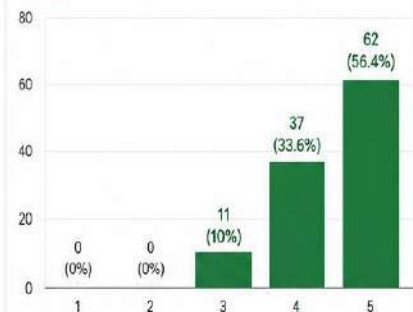
1 - Poor, 2 - Average, 3 - Good, 4 - Very Good, 5 - Excellent.

110 responses

Average rating (4.46)



Rating Distribution



Average rating: 4.46 / 5

110 responses

[Link to Sheets](#)

Summary

Question

Individual

Who has responded?

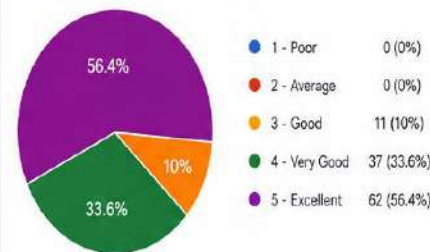
	priyanka.gupta@medicaps.ac.in	(1)
	preetiwari@acropolis.edu.in	(2)
	adit17199@gmail.com	(1)
	geuravdasnis@gmail.com	(2)
	tanisha.agrawal@medicaps.ac.in	(1)
	disha.vyas0604@gmail.com	(2)
	monadalal29@gmail.com	(1)
	meghapatidar@medicaps.ac.in	(1)
	ms25ms6010004@medicaps.ac.in	(1)

Overall rating - Distribution

Please rate the following in the 5 point scale:

1 - Poor, 2 - Average, 3 - Good, 4 - Very Good, 5 - Excellent.

110 responses



Average rating (4.46)

Email Address	About the Expert: [Content of program]	About the Expert: [Pedagogy (teaching style/pattern)]	About the Expert: [Communication skills/ability to explain]	About the Expert: [Confidence of trainer]	About the Expert: [Subject knowledge]	About the Expert: [Live examples cited]	About the Expert: [Attitude]	About the Expert: [Analytical skills]	About the Expert: [Ability to handle queries]	About the Program: [Appropriateness of duration of program]	About the Program: [Effectiveness of program]	About the Program: [Created interest]	About the Program: [Interactions (Whether the trainer involved you)]	About the Program: [Would you suggest this program for others]	About the Program: [Would you prefer this type of program in future]	Final Comments:	Overall Rating (1 - Poor, 2 - Average, 3 - Good, 4 - Very Good, 5 - Excellent)
deepikasahu13579@gnr	Good	Good	Excellent	Good	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good	Good	Good	Good	Good	Good	Good experience	4
geuravdasnis@gmail.co	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	It was excellent	5
doms@medicaps.ac.in	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	great sessions- th	4
jitendra.talreja@medica	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Informative Session	5
vidhi.sadh@medicaps.a	Very Good	Very Good	Very Good	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Very insightful sess	5
nishasinghdws@gmail.c	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Excellent	Excellent	Very Good	Very Good	Very Good	Very Good	Nice	4
amreenpathan91@gmai	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Nice session	4
gunjal.trivedi@medicap	Very Good	Very Good	Very Good	Very Good	Good	Good	Very Good	Good	Good	Very Good	Very Good	Good	Good	Very Good	Very Good	All ok	4
tanisha.agrawal@medic	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Very nice session	5
poonam.pachouri@med	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good	5
shwetapandit.pandit@r	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Na	4
sadiya.mansuri@medici	Excellent	Very Good	Excellent	Very Good	Excellent	Very Good	Excellent	Very Good	Excellent	Excellent	Very Good	Excellent	Very Good	Excellent	Very Good	Good , interactive se	5
drpradeepchaurasia78g	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Very useful	5
sagar.yadav@medicaps	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Great session	5
drpradeepchaurasia78g	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Very useful	5
ms25ms6010001@med	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Session was really c	5
rohit.joshi@medicaps.a	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good content	5
rinti.sharma@medicaps	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Excellent	Excellent	Excellent	Excellent	All very good	4

Feedback Day 4:

MEDICAPS FACULTY OF COMMERCE

Faculty of Management Studies & Faculty of Commerce is organising 8-Days Faculty Development Program in Collaboration with AIU-MU AADC

"Strengthening Outcome-Based Education (OBE) Framework in Higher Institutions through Technology Integration"

DAY-4 Feedback - 6th May 2026

B I U E R

AIU MU AADC sponsored Faculty Development Programme on "Strengthening OBE Framework in Higher Education through Technology Integration" Organized in hybrid mode by Faculty of Management Studies and Faculty of Commerce

This form is automatically collecting emails from all respondents. [Change settings](#)

About the Expert:

Copy chart

Category	Excellent	Very Good	Good	Average	Poor
Content of program	38	15	5	0	0
Pedagogy (teaching style/ pattern)	40	18	5	0	0
Communication skills/ ability to explain	40	12	5	0	0
Confidence of trainer	40	10	5	0	0
Subject knowledge	40	12	5	0	0

About the Program:

Copy chart

Category	Excellent	Very Good	Good	Average	Poor
Appropriateness of duration of program	35	12	5	0	0
Effectiveness of program	32	15	5	0	0
Created interest	40	10	5	0	0
Interactions (Whether the trainer involved you)	35	15	5	0	0
Would you recommend the program	35	18	5	0	0

Your Name (with salutation) *

Short answer text

Affiliating Institution *

Short answer text

About the Expert:*

	Excellent	Very Good	Good	Average	Poor
Content of p...	☐	☐	☐	☐	☐
Pedagogy (te...	☐	☐	☐	☐	☐
Communicat...	☐	☐	☐	☐	☐
Confidence ...	☐	☐	☐	☐	☐
Subject kno...	☐	☐	☐	☐	☐
Live example...	☐	☐	☐	☐	☐
Attitude	☐	☐	☐	☐	☐
Analytical sk...	☐	☐	☐	☐	☐
Ability to h...	☐	☐	☐	☐	☐

Overall rating

Please rate the following in the 5 point scale:
1 - Poor, 2 - Average, 3 - Good, 4 - Very Good, 5 - Excellent.

56 responses

Average rating (4.61)

Rating	Count	Percentage
1	1	1.8%
2	0	0%
3	0	0%
4	18	32.1%
5	37	66.1%

Average rating: 4.61 / 5

Overall rating - Distribution

Please rate the following in the 5 point scale:
1 - Poor, 2 - Average, 3 - Good, 4 - Very Good, 5 - Excellent.

56 responses

Average rating (4.61)

Affiliating Institution

56 responses

Institution	Count	Percentage
AKS University	1	1.8%
Amrita Institute	1	1.8%
Chennai Dora Instit...	1	1.8%
DL Bajaj group of...	1	1.8%
MEDICAPS UNIV...	5	8.9%
Medicaps University	25	44.6%
Shri Vidyanidewas	4	7.1%
Other	1	1.8%

City

56 responses

City	Count	Percentage
Dewas	1	1.8%
Gunaahiti	1	1.8%
INDORE	2	3.6%
Indore	50	89.3%
Madhura	1	1.8%
Satna	1	1.8%

Who has responded? (52 responses)

tanisha.agrawal@medicaps.ac.in (f)	jitendra.talreja@medicaps.ac.in (f)
prajapatiannam@gmail.com (f)	anupriyashri@medicaps.ac.in (f)
ms25ms010001@medicaps.ac.in (f)	adityasudhi.patondkar@medicaps.ac.in (f)
parul.sharda@medicaps.ac.in (f)	... and 43 more
pryanka.gupta@medicaps.ac.in (f)	

Email Address	About the Expert: [Content of program]	About the Expert: [Pedagogy (teaching style/ pattern)]	About the Expert: [Communication skills/ ability to explain]	About the Expert: [Confidence of trainer]	About the Expert: [Subject knowledge]	About the Expert: [Live examples cited]	About the Expert: [Attitude]	About the Expert: [Analytical skills]	About the Expert: [Ability to handle queries]	About the Program: [Appropriateness of duration of program]	About the Program: [Effectiveness of program]	About the Program: [Created interest]	About the Program: [Interactions (Whether the trainer involved you)]	About the Program: [Would you suggest this program for others]	About the Program: [Would you prefer this type of program in future]	Final Comments:	Overall Please follow point 2 - Good, 3 - Excellent, 4 - Very Good, 5 - Outstanding
deepikasahu13579@gr	Good	Good	Excellent	Good	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good	Good	Good	Good	Good	Good	Good experience	4
gaauravdasnis@gmail.co	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	It was excellent	5
doms@medicaps.ac.in	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	great sessions-thou	4
jitendra.talreja@medica	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Informative Session	5
vidhi.sadh@medicaps.a	Very Good	Very Good	Very Good	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Very insightful sess	5
nishasinghdw@gmail.c	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Excellent	Excellent	Very Good	Very Good	Very Good	Very Good	Nice	4
amreenpathan91@gmai	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Nice session	4
gunjalit.trivedi@medic	Very Good	Very Good	Very Good	Very Good	Good	Good	Very Good	Good	Good	Very Good	Very Good	Good	Good	Very Good	Very Good	All ok	4
tanisha.agrawal@medic	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Very nice session	5
poonam.pachouri@med	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good	5
shwetapandit.pandit@	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Na	4
sadiya.mansuri@medic	Excellent	Very Good	Excellent	Very Good	Excellent	Very Good	Excellent	Very Good	Excellent	Excellent	Very Good	Excellent	Very Good	Excellent	Very Good	Good, interactive s	5
drpradeepchaurasia78@	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Very useful	5
sagar.yadav@medicaps	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Great session	5
drpradeepchaurasia78@	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Very useful	5
ms25ms010001@med	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Session was really g	5
rohit.joshi@medicaps.a	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good content	5
ritika.sharma@medicaps	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Excellent	Excellent	Excellent	Excellent	All very good	4

[illegible]

Feedback Day 7:





AIU-MU AADC Sponsors
FACULTY DEVELOPMENT PROGRAMME
 on
 "Strengthening Outcome-Based Education (OBE) Framework in Higher Education Institutions through Technology Integration"

Faculty of Management Studies & Commerce
 Medicaps University, Indore-453338
 0731-4259300/ 731/ 740

DAY-7 Feedback - 8th May 2026

AIU-MU AADC-sponsored Faculty Development Programme on "Strengthening OBE Framework in Higher Education through Technology Integration" Organised in hybrid mode by Faculty of Management Studies and Faculty of Commerce

gunjall.trivedi@medicaps.ac.in [Switch account](#)

* Indicates required question

Email *

☐ Record gunjall.trivedi@medicaps.ac.in as the email to be included with my response

About the Expert: *

	Excellent	Very Good	Good	Average	Poor
Content of program	☐	☐	☐	☐	☐
Pedagogy (teaching style/ pattern)	☐	☐	☐	☐	☐
Communication skills/ ability to explain	☐	☐	☐	☐	☐
Confidence of trainer	☐	☐	☐	☐	☐
Subject knowledge	☐	☐	☐	☐	☐
Live examples cited	☐	☐	☐	☐	☐
Attitude	☐	☐	☐	☐	☐
Analytical skills	☐	☐	☐	☐	☐

About the Program: *

	Excellent	Very Good	Good	Average	Poor
Appropriateness of duration of program	☐	☐	☐	☐	☐
Effectiveness of program	☐	☐	☐	☐	☐
Created interest	☐	☐	☐	☐	☐
Interactions (Whether the trainer involved you)	☐	☐	☐	☐	☐
Would you suggest this program for others	☐	☐	☐	☐	☐
Would you prefer this type of program in future	☐	☐	☐	☐	☐

Final Comments: *

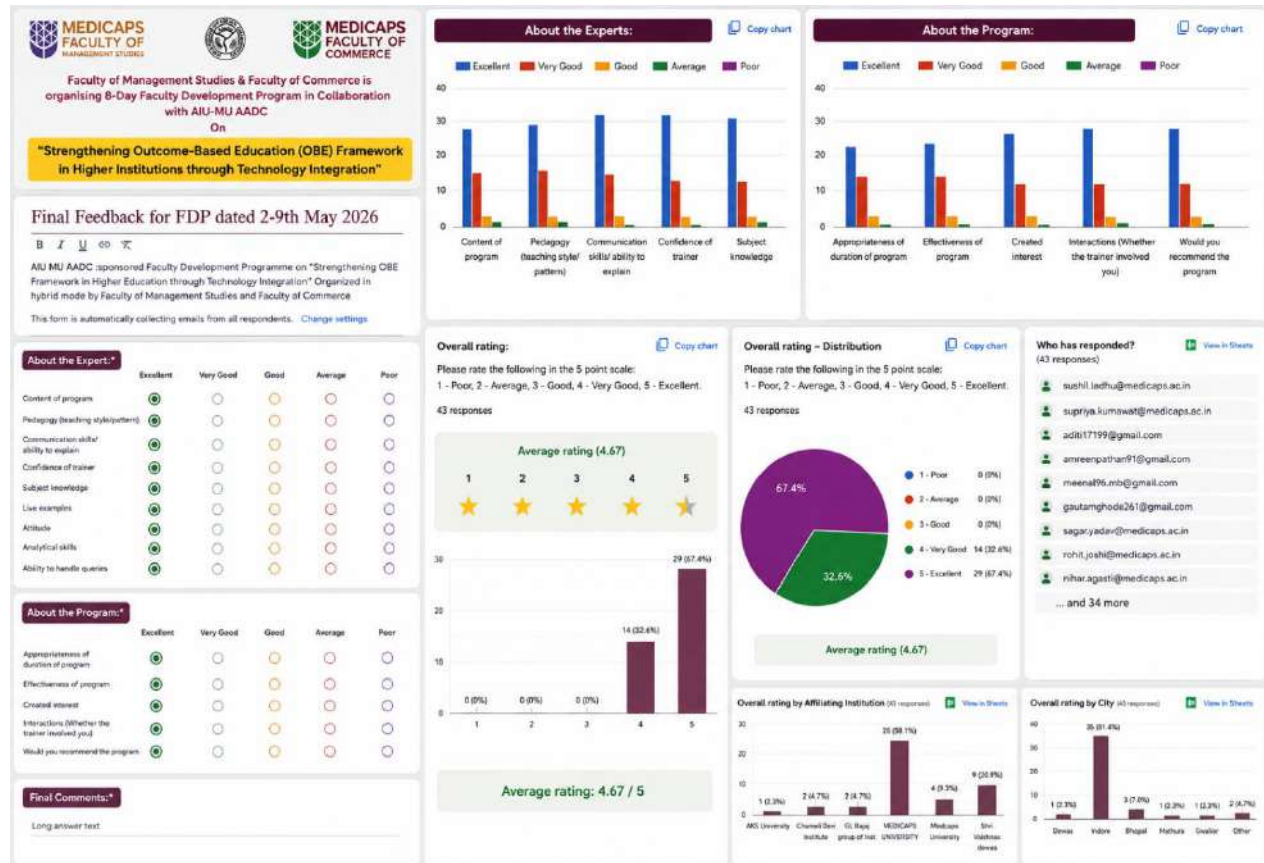
Your answer

Overall rating:

Please rate the following in the 5 point scale: 1 - Poor, 2 - Average, 3 - Good, 4 - Very Good, 5 - Excellent.

1	2	3	4	5
☆	☆	☆	☆	☆

Overall Feedback:



Timestamp	Email Address	About the Experts: Content of program	About the Experts: Pedagogy/teaching style	About the Experts: Communication skills/ ab	About the Experts: Confidence of trained	About the Experts: Subject knowledge	About the Experts: Live example
3/5/2026 14:32:00	ameerpathe11@gmail	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 14:54:36	drpradeepchaurasia78@gmail	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 14:34:32	sheekurkai.hans@med	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 14:55:57	deepakosahu1259@gmail	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 14:57:55	supriya.kumawat@med	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 14:59:50	shikha.kumawat@med	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 15:03:39	rahit.aahu@medicaps	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 15:07:26	gautam167@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 15:07:44	gauravdani@gmail.co	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 15:09:04	gunjal.trivedi@medicaps	Very Good	Very Good	Very Good	Excellent	Excellent	Very Good
3/5/2026 15:14:22	amrita.mora@medicaps	Very Good	Very Good	Very Good	Excellent	Excellent	Excellent
3/5/2026 15:13:31	prajwalsatnam@gmail	Very Good	Very Good	Excellent	Very Good	Very Good	Excellent
3/5/2026 15:25:12	saket.rothi@medicaps.a	Very Good	Excellent	Very Good	Excellent	Very Good	Very Good
3/5/2026 15:27:37	anushkalkundehwal231@gmail	Excellent	Excellent	Very Good	Very Good	Very Good	Excellent
3/5/2026 15:32:18	shivam.bharadwaj@mor	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 16:21:00	nishadshinde@gmail.co	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good
3/5/2026 16:47:45	meenak96.nb@gmail.co	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 16:49:31	aditi17199@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 16:55:58	ravi.vyas@medicaps.ac	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 16:58:44	Ushantimeghani06@gmail	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3/5/2026 16:59:37	shripa.raghuvanshi@me	Very Good	Very Good	Very Good	Good	Very Good	Very Good
3/5/2026 17:07:22	shuklaamrta@gmail.co	Excellent	Very Good	Very Good	Very Good	Excellent	Excellent

Dr.Parul Sharda

Dr.Ravi Vyas

Signature of Convenor/Organising member



6589

HOD(BT)

1969



Proposal for Workshop / Short Term Course / Seminar / Expert Lecture / FDP /
Industrial Visit / Webinar / Outreach Activity

Date: 6/5/2026

1. Course ID.(Office Use)
2. Title: Technology-Integrated IPR, Innovation and Project Based Learning in Higher Education
3. Convener: Dr. Shripa Ahuja / Dr. Mukesh K. Pandey
4. Speaker / Expert Name & Mobile No.: 9826377409
5. Department: Biotechnology/Agriculture/AHSS/Journalism. H and A Science
6. Date(s) & Duration: 1/6/2026 to 5/6/2026
7. Venue: Minor Auditorium
8. Estimated Budget: 1,20,000/-

Receipts	Amount (Rs.)	Payments	Amount (Rs.)
1. From Sponsor(s)		1. To Speakers	
a. _____		a. Honorarium 3000 X 3	9000/-
b. _____		b. TA & DA	
c. _____		c. Boarding & Lodging	
2. From Participants	100 X @1200/- = 1,20,000/-	2. To Participants	
Total Participants Fee: (Fee/Participants:- _____)		a. Course Material 50 X 100	5000/-
3. Miscellaneous		b. TA & DA	
4. University Contribution		c. Boarding & Lodging	
		3. Refreshment & Meal lunch 120 X 5 Tea 100 X 5	60,000/- 5000/-
		4. Miscellaneous:	21,000/-
Total Receipts:	1,20,000/-	Total Expenditure:	1,00,000/-

Enclose a brief description of the proposal.

Signature of the Convener

Dr. Mukesh K. Pandey

HOD

DEAN

Prof In/charge AADC AIU-MV

DOAA

Pro-Vice Chancellor

6. Proposed Program:

"Technology-Integrated IPR, Innovation & Project-Based Learning in Higher Education"

Introduction

Innovation and Intellectual Property (IP) are critical drivers of knowledge-based economies and are increasingly becoming central to academic excellence and institutional development. The National Education Policy (NEP) 2020 encourages creativity, innovation, and entrepreneurship through flexible, interdisciplinary, and project-based learning models. This 5-day training program is designed to enable faculty, researchers, and academic leaders to integrate IPR and innovation into teaching, research, assessment, and institutional governance while leveraging technology to create vibrant ecosystems of ideation, invention, and impact. Digital tools, IP management platforms, online innovation dashboards, and virtual collaboration environments will be emphasized to strengthen institutional capacity for technology-enabled innovation and IP stewardship.

Objectives

- To develop an understanding of IPR frameworks and innovation ecosystems in higher education.
- To embed project-based learning and IP education into curriculum design and pedagogy.
- To familiarize participants with IP creation, protection, commercialization, and technology-aided filing strategies.
- To explore assessment models that emphasize real-world, interdisciplinary problem-solving.
- To guide institutions in formulating IPR policies and establishing support systems.
- To utilize digital platforms for IP management, innovation tracking, research collaboration, and student engagement.

Methodology

Workshops, expert talks, innovation labs, IP case studies, group activities, digital platform demonstrations, and policy drafting exercises.

Program Schedule

Day	Theme	Key Topics	Methodology	Weekday	Resource Person
Day 1	Foundations of IPR & Innovation in Higher Education	- Overview of IPR concepts and NEP 2020 mandates - Global and national IPR trends - Role of HEIs in innovation ecosystems	Keynotes, Expert lectures, Case discussions	Monday, Jun 1, 2026	Dr. Sumant Katiyal, DAVV Indore
Day 2	Curriculum Design & Innovation Pedagogy	- Embedding IP and innovation in teaching - Designing project-based learning modules - IP education case studies	Workshops, Curriculum labs, Group presentations	Tuesday, Jun 2, 2026	Dr. Swagata Gupta, Holkar Science College Indore

Day	Theme	Key Topics	Methodology	Weekday	Resource Person
Day 3	Technology Platforms for IPR & Research Collaboration	- Patent filing process and collaborative databases - IP management systems and legal tech tools - Digital platforms for innovation tracking and collaborative research	Hands-on labs, Demos, Group activities	Wednesday, Jun 3, 2026	Dr. Gulrej Ahmed, Manipal University, Jaipur
Day 4	IP Commercialization, Assessment & Governance	- Revenue models through IP monetization - Project showcases as evaluation tools - IPR policy development for HEIs and digital governance frameworks	Policy workshop, Case study analysis, Strategy sessions	Thursday, Jun 4, 2026	Mr. Shailesh Mishra, Yash Technology Indore
Day 5	Action Planning & Innovation Culture in Campuses	- Hackathons, idea competitions, and startup incubation - Creating IP roadmaps for institutions - Final presentations and certification	Student innovation demos, Group planning, Valedictory	Friday, Jun 5, 2026	Dr. Pratosha Bansal, IET DAVV Indore

Expected Outcomes

By the end of the program, participants will:

- Gain a foundational and applied understanding of IPR and innovation in academic settings.
- Design curricula that integrate IP education and real-world, technology-enabled project-based learning.
- Establish or refine institutional mechanisms for IP protection, filing, commercialization, and digital documentation.
- Create assessment strategies rooted in innovation, problem-solving, entrepreneurship, and technological fluency.
- Develop action plans to foster a culture of innovation and support student creativity through smart tools and digital platforms.

Conclusion

This training program will help institutions align their academic practices with global innovation standards by integrating IPR awareness, entrepreneurship, digital platforms, and project-based pedagogy. In doing so, HEIs can support the creation of a robust innovation ecosystem, empowered by technology and anchored in the NEP 2020 vision of transformative education.

2. Duration of the Programme

5 Days (Full Day Sessions, 9:00 AM–5:00 PM)

3. Frequency of Programme

Once a year

4. Resource Persons

Patent attorneys, innovation and entrepreneurship experts, startup mentors, faculty from premier institutions, and IPR cell representatives. (AIU may support with expert recommendations.)

5. Mode of Delivery

Blended (Combination of offline and online formats)

6. Target Audience (No.): 150 Participants

- Faculty members across disciplines
- Research and innovation coordinators
- Academic leaders and administrators

7. Group Size

25–30 participants per group for workshops and innovation labs

8. Branding/Promotion

- a) Twitter
- b) Instagram
- c) LinkedIn
- d) Facebook

9. TA/DA

To be borne by the respective institutes sending the participants.

10. Infrastructure Availability

- a) Smart classrooms and innovation labs
- b) IP filing resources, internet access, and teaching-learning tools

11. Course Fees

Rs. 1500/-

12. Industry Collaboration

Non-commercial partnerships may be explored with: IP firms and patent consultants, Startup incubators and innovation hubs, Legal tech platforms and IP databases, R&D-based industries for collaborative projects

Medicaps University, Indore

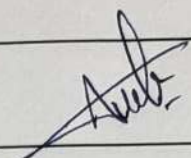
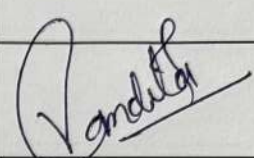
Faculty Development Program

List of Participants

Technology-Integrated IPR Innovation and Project Based Learning in Higher Education

Date : 3/6/2026 1st session

S. No.	Registration No.	STUDENT NAME	Signature
1	FTII00073	Prof. AYUSHI SHARMA	<i>Ayushi Sharma</i>
2	FTII00071	Prof. Prachi Ambulkar	<i>Prachi</i>
3	FTII00070	Prof. Disha Rajput	<i>Disha</i>
4	FTII00065	Prof. Rupali Chaturvedi	<i>Rupali</i>
5	FTII00064	Dr Meeta Baid	
6	FTII00063	Dr.Rajendra Singh Chouhan	
7	FTII00062	Dr Shaloo Manocha	
8	FTII00058	Dr Anand Soni	
9	FTII00056	Prof. Ayesha Sheikh	<i>Ayesha Sheikh</i> 03/06/2026
10	FTII00054	Prof. Harshita Bindaiya	<i>Harshita</i>
11	FTII00053	Dr. Priyamvada Tiwari	
12	FTII00052	Dr. Aditi Pare	<i>Aditi Pare</i> 03/06/26
13	FTII00051	Prof. Sakshi Soreng	

14	FTII00050	Dr. Arjun Meda	
15	FTII00049	Prof. AMIR RASOOL BHAT	
16	FTII00048	Dr. Ruby Bhatt	
17	FTII00046	Dr. Vandita Parashar	
18	FTII00045	Prof. RAJPUT SHANKAR JAIKISHAN SINGH	
19	FTII00044	Dr. sneha Deshmukh	
20	FTII00042	Prof. Murlidhar Iyer	
21	FTII00031	Dr Sonal Tolwani	
22	FTII00030	Prof. Somil singh Chauhan	
23	FTII00027	Prof. Suresh Barde	
24	FTII00025	Dr. Shivpal Singh	
25	FTII00024	Prof. Rajul Soni	
26	FTII00023	Prof. Teena Patidar	
27	FTII00022	Dr. Gaurav Kumar Ahirwar	
28	FTII00021	Dr. Arun Lather	
29	FTII00020	Dr. Ajanta Borah	

30	FTII00019	Prof. Girish Patidar	
31	FTII00018	Dr. Jinendra Birla	
32	FTII00017	Dr. Sanjay Singh	
33	FTII00016	Dr. Rahul Singh Raghuvanshi	
34	FTII00014	Vishal Sarsaiya	
35	FTII00013	Dr.Parul Saxena	<i>[Signature]</i> 03/06/2026
36	FTII00012	Prof. Anand Salve	
37	FTII00008	Dr Prachi Sathe	
38	FTII00006	Dr. Anisha Jain	<i>[Signature]</i> 03/06/2026
39	FTII00005	prof. SUHAIL MAQBOOL DAR	
40	FTII00004	Prof. Susmita Bhakat	<i>Susmita Bhakat</i> 3/6/26
41	FTII00003	Dr. Sunil Bansal	<i>[Signature]</i> 3/6/26
42	FTII00002	Prof. Harshit Gupta	
43	FTII00001	Prof. Shipra Ahuja Joshi	

44

Pooj. Abhijeet Gogate

[Signature]
03/06/26

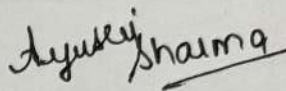
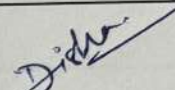
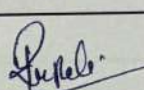
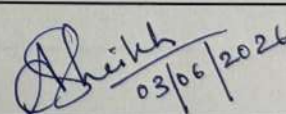
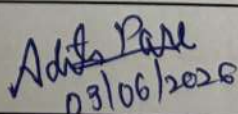
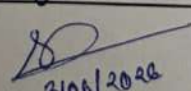
Medicaps University, Indore

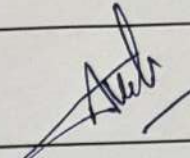
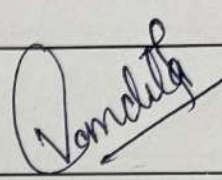
Faculty Development Program

List of Participants

Technology-Integrated IPR Innovation and Project Based Learning in Higher Education

Date : 3/6/2026 2nd session

S. No.	Registration No.	STUDENT NAME	Signature
1	FTII00073	Prof. AYUSHI SHARMA	
2	FTII00071	Prof. Prachi Ambulkar	
3	FTII00070	Prof. Disha Rajput	
4	FTII00065	Prof. Rupali Chaturvedi	
5	FTII00064	Dr Meeta Baid	
6	FTII00063	Dr.Rajendra Singh Chouhan	
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41	FTII00003	Dr. Sunil Bansal	
42	FTII00002	Prof. Harshit Gupta	
43	FTII00001	Prof. Shipra Ahuja Joshi	

FACULTY DEVELOPMENT PROGRAMME

**Technology-Integrated IPR,
Innovations and Project Based
Learning in Higher Education**



1st to 5th June 2026



Offline Mode

Organized by: AIU-MU AADC in Collaboration
with Department of Agriculture, Biotechnology,
Health and Allied Sciences, Law, Languages
and Pharmacy

Medicaps University Indore 453331

Phone: 0731-4259500/ 650

Mobile: 9826377409/9993216913

E-mail: hod.biotech@medicaps.ac.in, hodcomm@medicaps.ac.in,
hodagri@medicaps.ac.in

About the University

Medicaps has been a brand name in the arena of technical education. Since its inception in July 2000, Medicaps has consistently aimed at creating an ideal ambience for budding technocrats and managers; and helping them to grow like true professionals. With its highly qualified faculty there seems an optimal blend of academic brilliance and industry exposure, supplemented by highly specialized visiting faculty and industry experts, senior professionals from various segments of different industries and business houses. It was time now to spread wings and move out for more exposure and widening of the periphery. Hence the foundation of Medicaps University has been laid down. With a strong foundation of the Group for 26 years, Medicaps University wishes to maintain the same objective of imparting quality education and producing sound professionals for the benefit of the society at large.

Outcome of FDP

1. Enhanced Awareness of IPR Concepts
2. Ability to Protect Research Work
3. Promotion of Innovation and Research Culture
4. Knowledge of Filing and Legal Procedures

Who should attend:

- Faculty members from all disciplines (Pharmacy/Biotechnology/Agriculture/Law/Health and Allied Science/Languages/Computer Science/Engineering or any other relevant area)
- Academic administrators, coordinators, and mentors IQAC / NAAC committee members
- Programme heads & course coordinators.

Organizing Team

Program Chair

Prof. A.A. Koser

Dean of Science & Academic
Affairs

Prof. Sunil Upadhyay

Dean of Agriculture

Prof. Sanjay Jain

Dean of Pharmacy

Prof. Srinivas Shirur

Dean of Law

Prof. Saurabh Jain

Director- CDOE and Head, AIU-
MU AADC

Convener

Dr. Shipra Ahuja

HOD, Languages

Dr. Mukesh K. Patidar

HoD, Biotechnology

Organizing Committee

Dr. Sneha Deshmukh, Agriculture

Dr. Aditi Pare, Biotechnology

Dr. Sunil Bansal, HAS

Prof. Sakshi Soreng, Law

Dr. Awdhesh S. Bhadoriya, Languages

Prof. Sankalp Sharma, Journalism

Dr. Sumeet Prachand, Pharmacy

Co-Convener

Dr. Hemant Khambete

HoD, Pharmacy

Dr. Sanjay Singh

HOD, Agriculture

Dr. Ruby Bhatt

HOD, CS & HAS

Dr. Priyamvada Tiwari

HOD, Law



Registration Link:

<https://portal.medicaps.ac.in/accsoft2/MiscellaneousPayment.aspx>

Scan here to register
Registration Fees - 1200/-

Day 1

The inaugural session of the Faculty Development Programme (FDP) on "Technology-Integrated IPR, Innovations and Project-Based Learning in Higher Education" was successfully conducted on 1 June 2026 at Medcaps University.

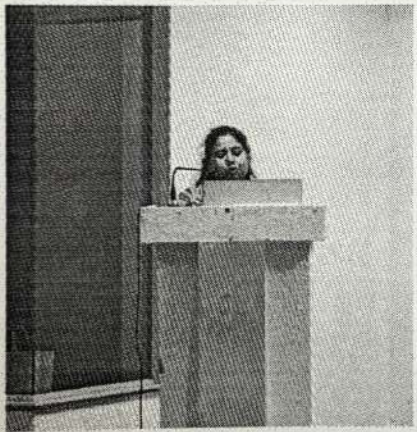
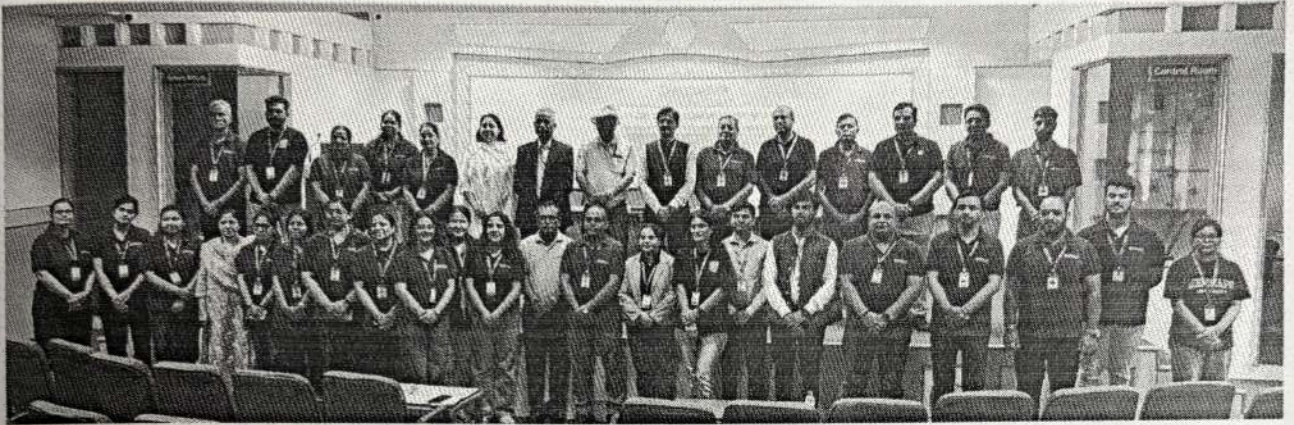
The programme was graced by Hon'ble Pro Vice-Chancellor, Prof. (Dr.) Birajashis Pattnaik; Registrar, Prof. (Dr.) P. Siluvainathan; Dean, Faculty of Agriculture, Dr. Sunil Upadhyay; Dean, Faculty of Law, Dr. Srinivas Shirur; and IQAC coordinator, Dr. Saurabh Jain.

Convenor, Dr. Shipra Ahuja Joshi welcomed the August gathering. The keynote address was delivered by Dr. Dilip Verma, who shared valuable insights on patent creation, intellectual property protection, and innovation in research. His session provided practical guidance on identifying and protecting patentable ideas.

The organizing team extends its sincere gratitude to all dignitaries, the resource person, organizing committee members, participants, and supporting staff for making the inaugural session a success.

The session concluded with a vote of thanks by Dr. Mukesh Patidar, marking a promising beginning to the five-day FDP.

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Day 2 of The Faculty Development Programme (FDP) on "Technology-Integrated IPR, Innovations and Project-Based Learning in Higher Education" continued successfully with two insightful sessions focusing on Intellectual Property Rights (IPR), patent filing procedures, and commercialization of intellectual assets.

The first session was delivered by Dr. Hemant Khambete, Head, Department of Pharmacy, Medicaps University. Dr. Khambete provided participants with a comprehensive understanding of patents, their significance in protecting innovations, and the process involved in securing intellectual property rights. He elaborated on the key steps involved in patent filing and demonstrated the practical procedure for e-filing patents and copyrights, enabling participants to gain hands-on exposure to the registration process. The session helped participants appreciate the importance of safeguarding intellectual creations and navigating the legal framework associated with innovation.

The second session was conducted by Dr. Archana Choudhary, Executive Manager, IPR and Techno Commercialisation, IIT Indore. She delivered an engaging lecture on the various forms of Intellectual Property Rights and their relevance in academia, research, and industry. Dr. Choudhary explained the distinction between the publication of a patent application and the grant of a patent, highlighting the significance of each stage in the patent lifecycle. She also discussed the commercialization of intellectual property and emphasized the importance of translating research outcomes into socially and economically valuable innovations.

Both sessions witnessed enthusiastic participation and active interaction from the attendees. The deliberations provided valuable insights into intellectual property management, patent protection, and technology commercialization, further strengthening participants' understanding of innovation-driven academic and research ecosystems.

8/1

The Eligibility Filter: What Can Be Patented?

Must be New
A novel product or process never published or used before.

Inertive Step
May be non-obvious to someone skilled in that specific field

Industrial Application
Must be capable of being made or used in an industry.

Statutory Exceptions
must not fall under the specific exclusions listed in
Sections 3 and 4 of the Patents Act

Patentable invention

Dr. Hemant Khambote

Sonali Tolwani

Sonali Tolwani

Arunesh Singh Bhadoriya

Dr. Arjun Mehta

Dr. Arjun Mehta

Dr. Anthony Lombardi

Dr. Leifur Kærnevig, MD, PhD

Participants (28)

☐ And a participant

400 Journalism and Mass Communications

 **McGraw-Hill**

DA PRANAND SOMI

DA EV Appt. Sales

Swedish Breds

9 *En. Syst. Anal.*

 Kodak Color Science

Dr. Stanley K. Jurek

Prof. Albert Sorensen

Die Markierte Nummer Finden

Ref. 1. Study. Summary

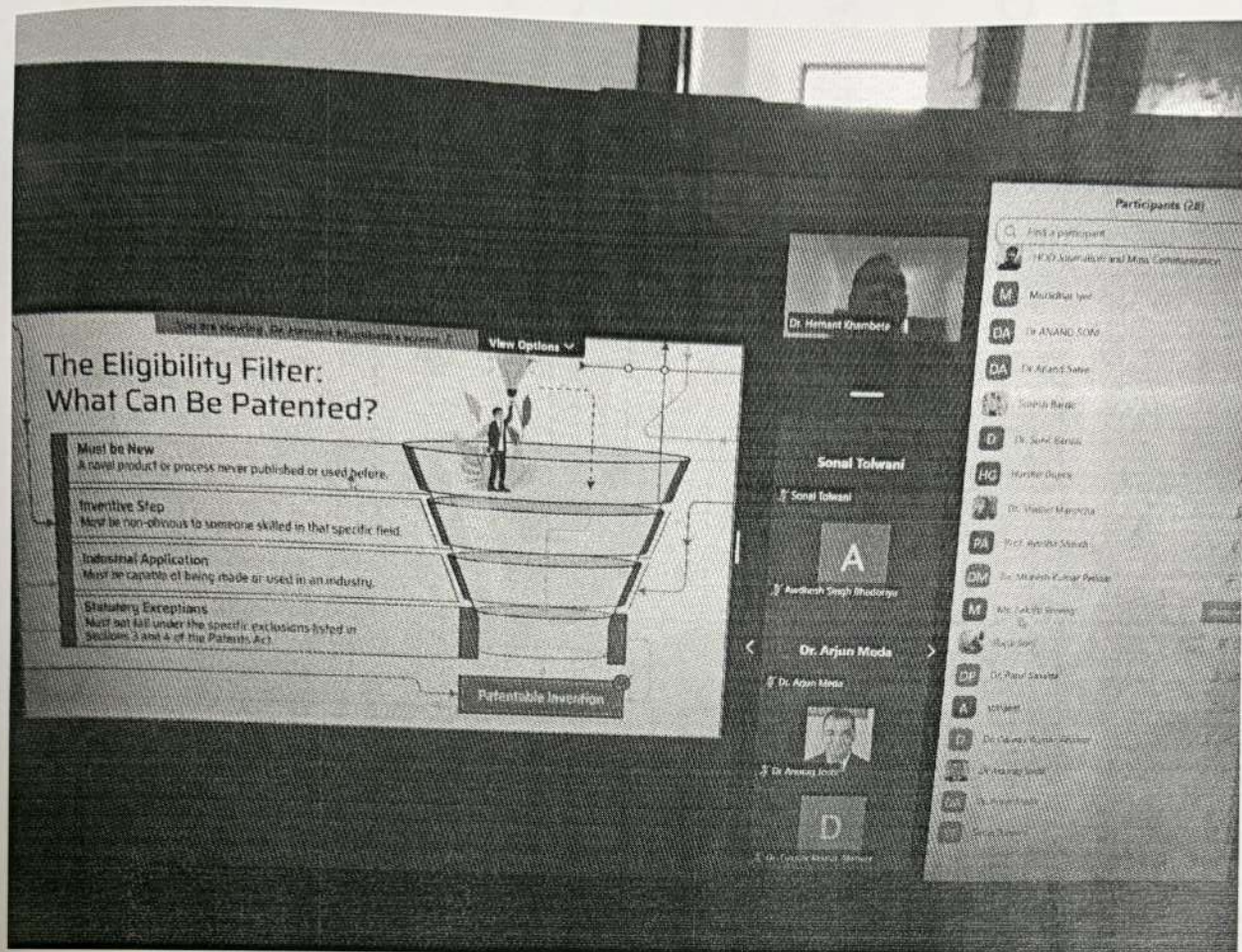
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Dr. Paula Slevin

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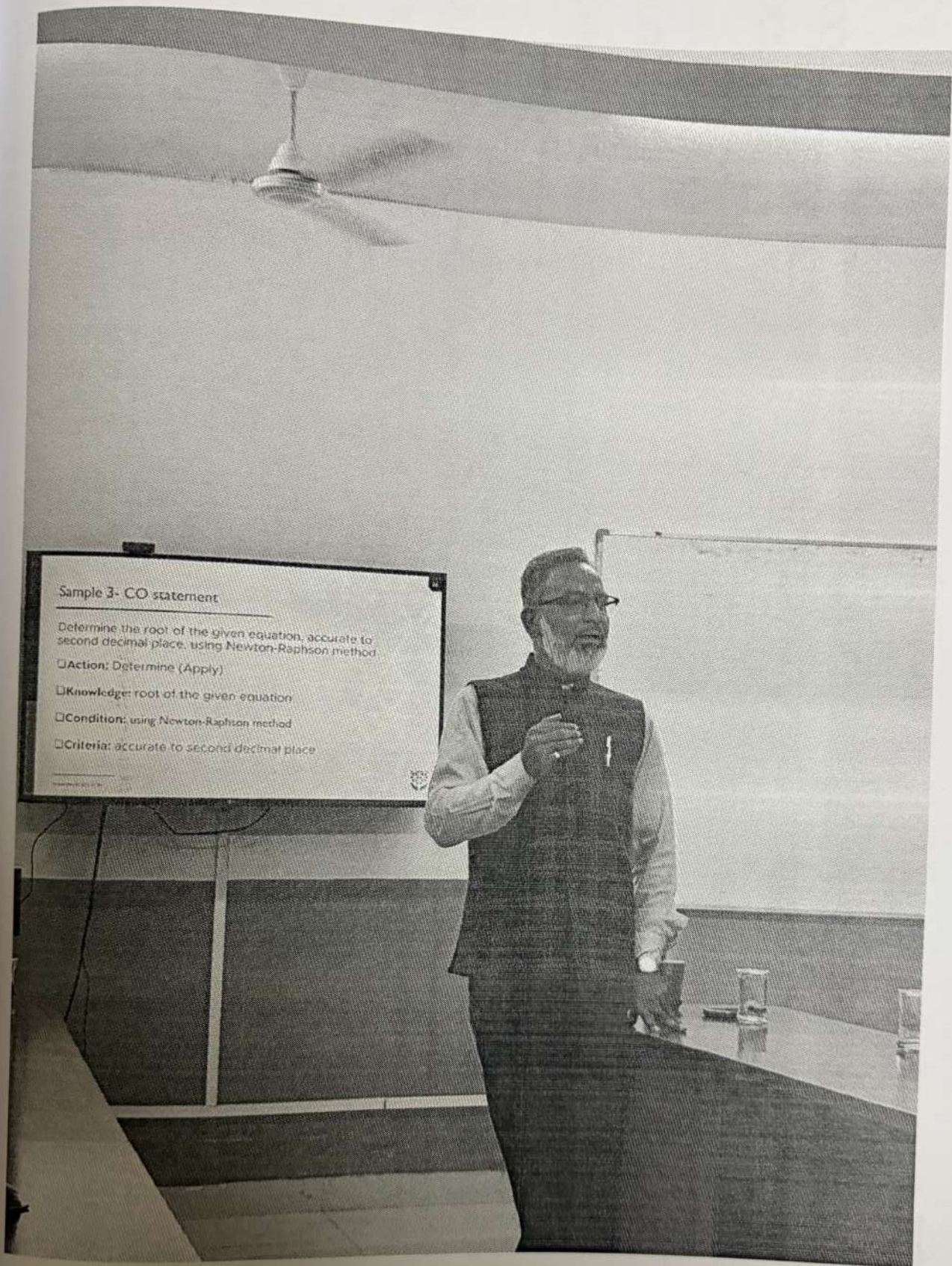
The third day of the **Faculty Development Programme (FDP)** on “Technology-Integrated IPR, Innovations and Project-Based Learning in Higher Education” featured two insightful sessions that focused on quality enhancement in higher education and the importance of research-driven learning.

The first session was delivered by Dr. A. A. Koser, Director, IQAC and Dean of Academic Affairs, Medicaps University, on the topic “Outcome-Based Education Framework.” Dr. Koser elaborated on the principles and significance of Outcome-Based Education (OBE) in contemporary higher education. He discussed the alignment of programme outcomes, course outcomes, teaching-learning strategies, and assessment practices to ensure holistic student development and improved learning outcomes. The session provided participants with valuable insights into designing and implementing an effective outcome-oriented academic framework.

The second session was conducted by Dr. V. Ganesan, Dean of Research Affairs, Medicaps University, on the theme “Importance of Research.” Drawing upon his extensive experience as a researcher and academic leader, Dr. Ganesan emphasized the critical role of research in higher education and innovation. He highlighted the significance of project-based learning as a means of fostering curiosity, problem-solving abilities, and practical application of knowledge. Encouraging participants to adopt a proactive approach towards academic and

professional growth, he motivated them to Stretch our limits, explore new possibilities, and create opportunities rather than waiting for them to emerge. His inspiring address underscored the value of perseverance, innovation, and continuous learning in achieving academic excellence.

Both sessions witnessed active participation and engaging discussions among the attendees. The day concluded with valuable takeaways on outcome-based education, research culture, and project-based learning, further enriching the participants' understanding of contemporary practices in higher education.



Sample 3- CO statement

Determine the root of the given equation, accurate to second decimal place, using Newton-Raphson method

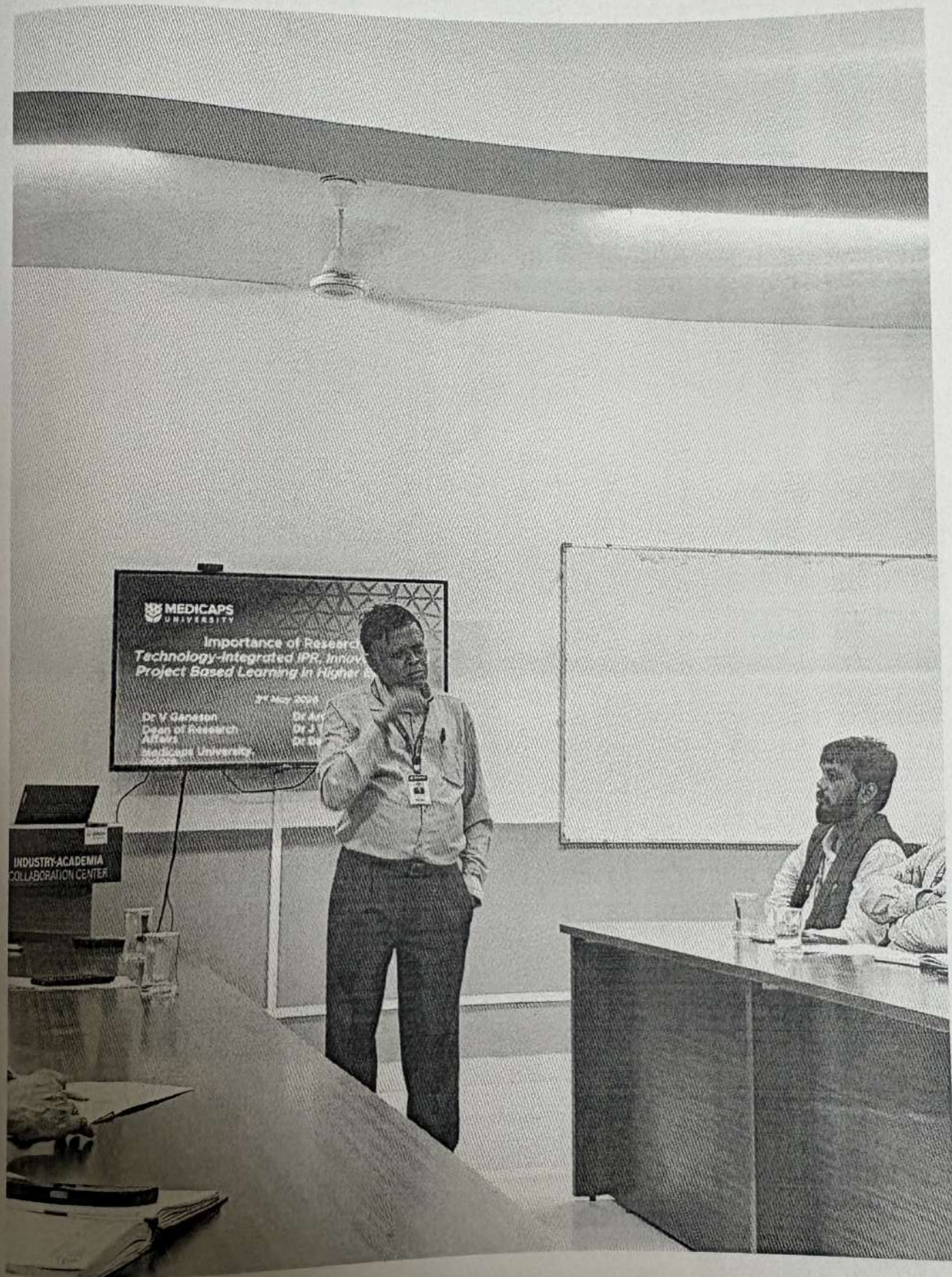
□ Action: Determine (Apply)

□ Knowledge: root of the given equation

□ Condition: using Newton-Raphson method

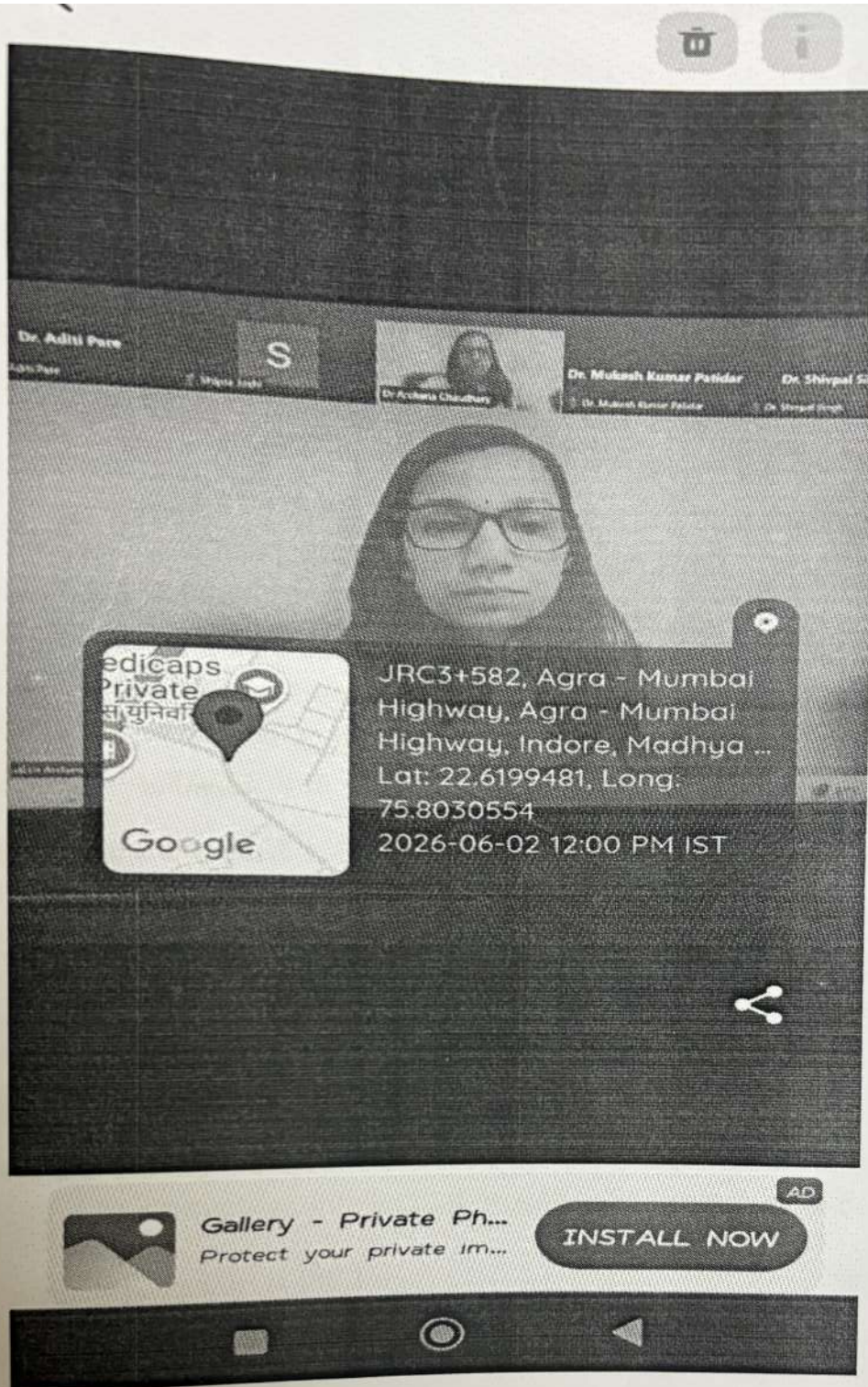
□ Criteria: accurate to second decimal place

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Valedictory Ceremony Marks Successful Completion of Five-Day FDP

The valedictory ceremony of the five-day Faculty Development Programme (FDP) on "Technology-Integrated IPR, Innovations and Project-Based Learning in Higher Education" was successfully organized at Medicaps University, marking the culmination of five enriching days of learning, innovation, and academic engagement.

The programme was conducted under the esteemed patronage and chairmanship of Dean Academic Affairs, Prof. A.A. Koser. The valedictory session commenced with a welcome address by Head, Department of Languages and Convenor, Dr. Shipra

Ahuja Joshi, who reflected on the successful conduct of the FDP and appreciated the enthusiastic participation of faculty members throughout the programme.

The session was further enriched by an insightful guest lecture delivered by Dr. Jitendra Solanki, who shared valuable perspectives on academic excellence, professional growth, and the evolving role of educators in higher education.

Over the course of five days, the FDP provided participants with valuable exposure to Intellectual Property Rights, patent creation and protection, innovation-driven research, project-based learning, technology integration in education, academic leadership, and professional competencies. The sessions encouraged participants to strengthen their research capabilities, foster innovation, and adopt contemporary pedagogical practices in higher education.

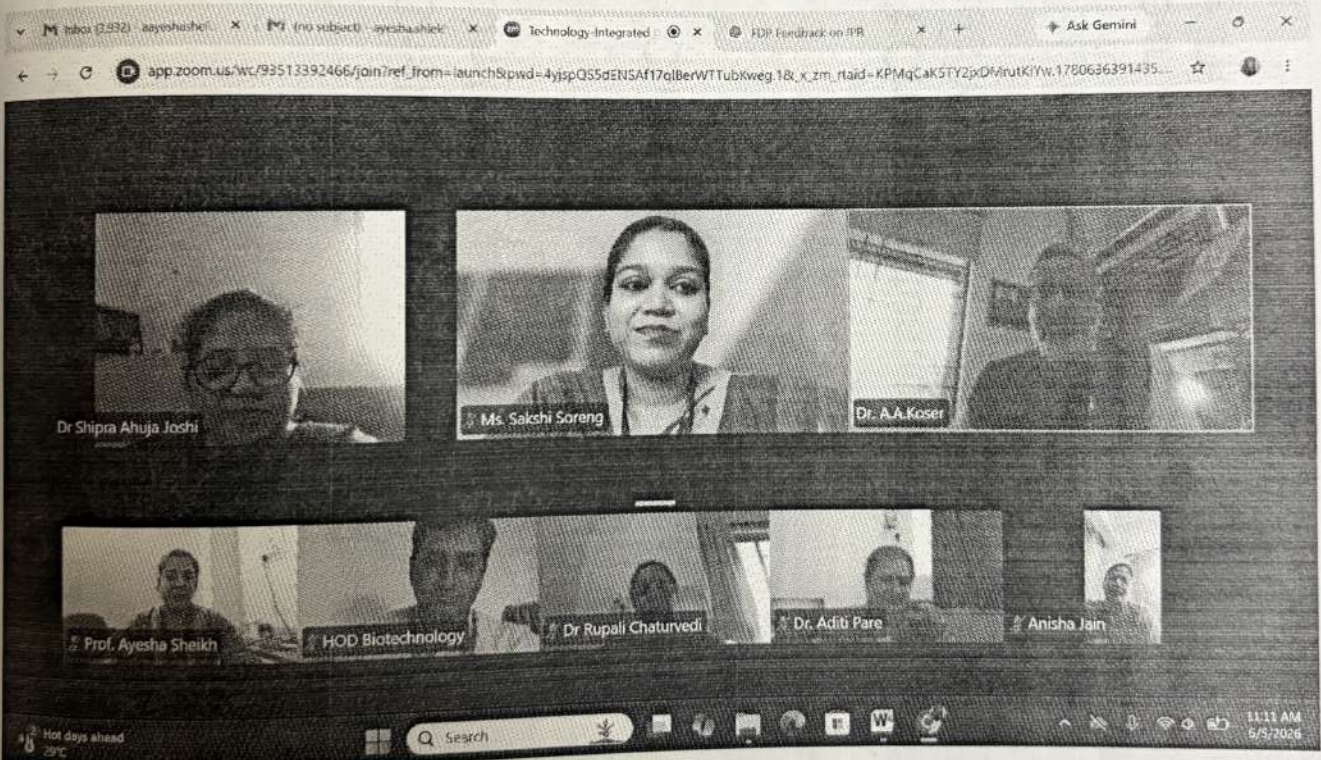
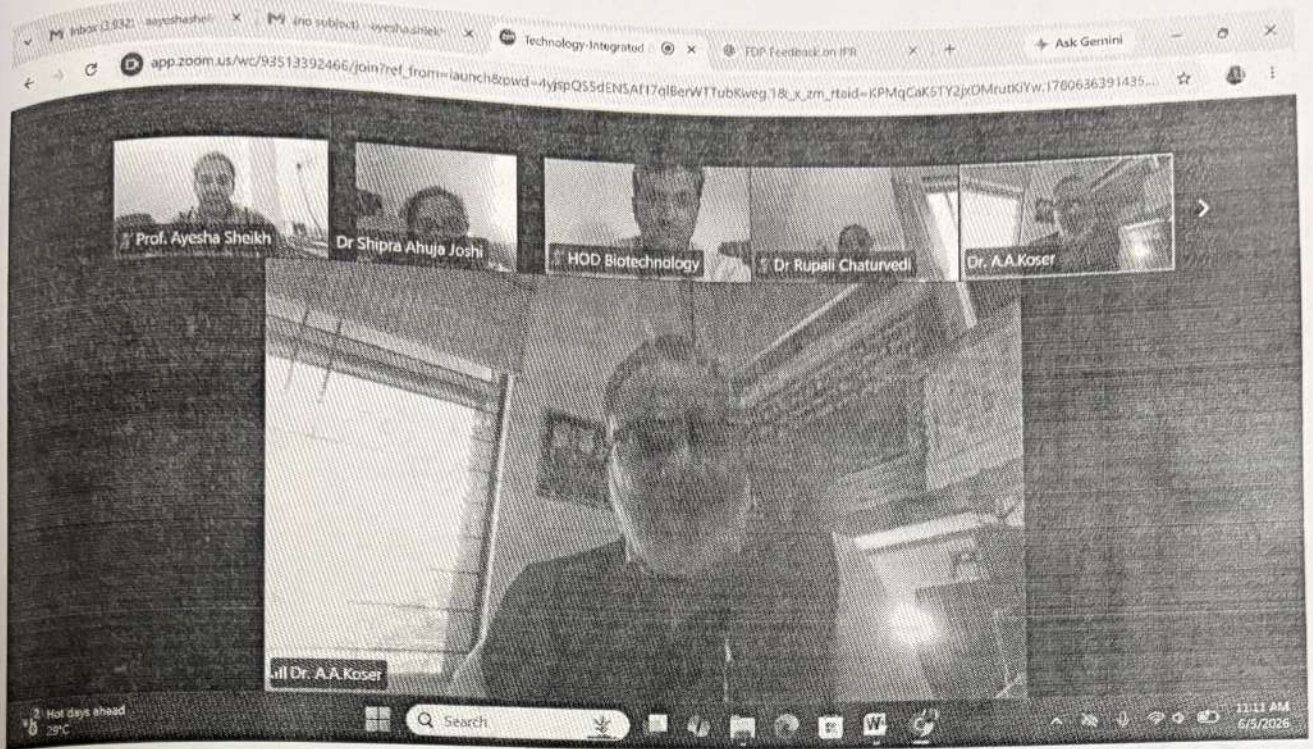
The Department extends its sincere gratitude to Hon'ble Vice-Chancellor, Pro Vice-Chancellor, Prof. (Dr.) Birajashis Pattnaik, Registrar, Prof. (Dr.) P. Siluvainathan, Dean, Faculty of Agriculture, Dr. Sunil Upadhyay, Dean, Faculty of Law, Dr. Srinivas Shirur, Dean, Faculty of Pharmacy, Prof. Sanjay Jain, Director, CDOE and Head, AIU-MU AADC, Prof. Saurabh Jain, all Heads of Departments, faculty members, organizing committee members, and support staff for their constant guidance and support in making the programme a grand success.

Heartfelt appreciation was also extended to all resource persons and participants for their active involvement and commitment throughout the FDP.

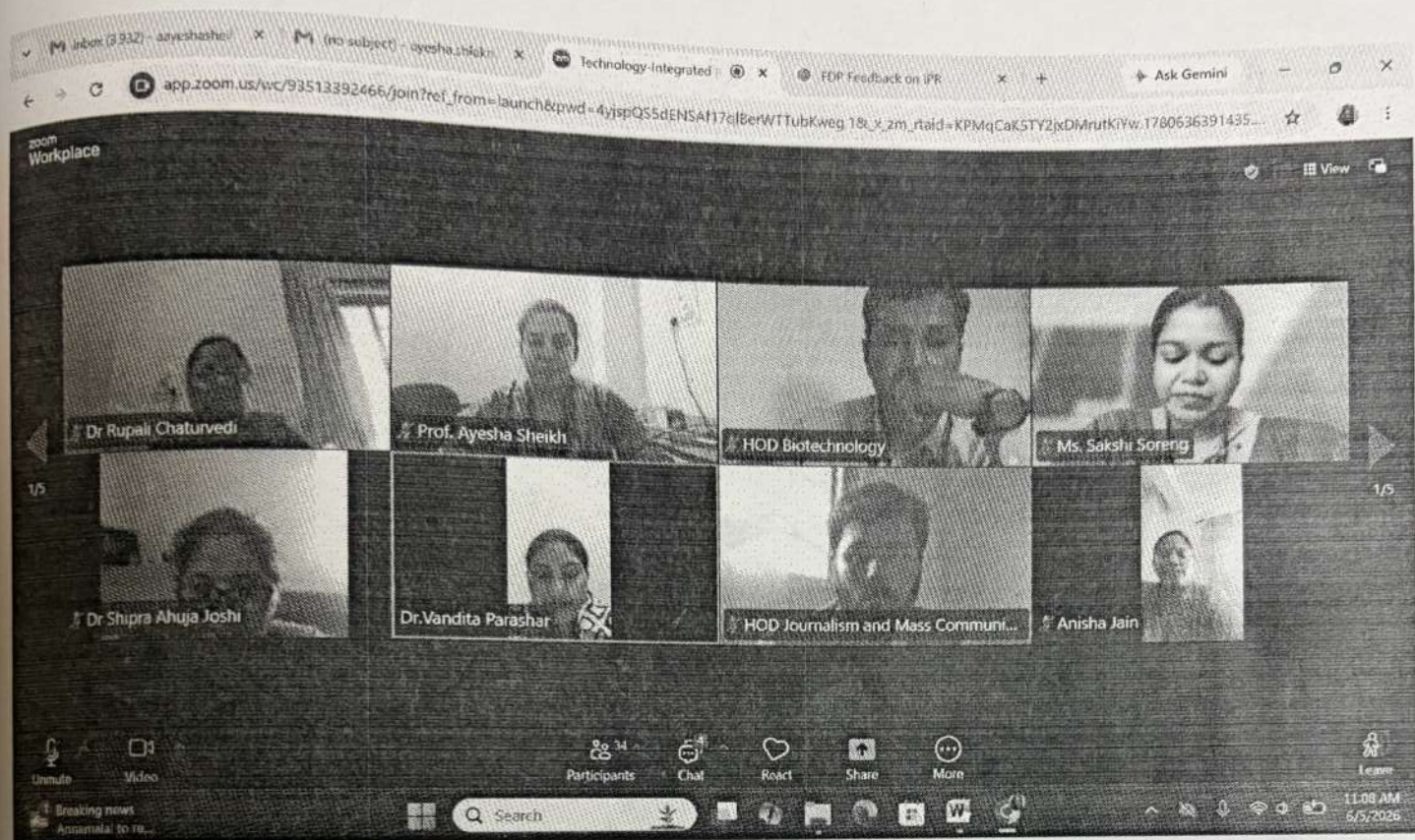
The programme concluded with a Vote of Thanks proposed by Head, Department of Biotechnology and Co-Convenor, Dr. Mukesh K. Patidar, who expressed gratitude to the dignitaries, guest speaker, organizing team, and participants for their valuable contributions.

The valedictory ceremony marked the successful completion of an enriching five-day journey dedicated to innovation, intellectual growth, and professional development.

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FACULTY DEVELOPMENT PROGRAMME

**Technology-Integrated IPR,
Innovations and Project Based
Learning in Higher Education**

1st to 5th June 2026

Offline Mode

Organized by: AIU-MU AADC in Collaboration
with Department of Agriculture, Biotechnology,
Health and Allied Sciences, Law, Languages
and Pharmacy

Medicaps University Indore 453331

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About the University

Medicaps has been a brand name in the arena of technical education. Since its inception in July 2000, Medicaps has consistently aimed at creating an ideal ambiance for budding technocrats and managers; and helping them to grow like true professionals. With its highly qualified faculty there seems an optimal blend of academic brilliance and industry exposure, supplemented by highly specialized visiting faculty and industry experts, senior professionals from various segments of different industries and business houses. It was time now to spread wings and move out for more exposure and widening of the periphery. Hence the foundation of Medicaps University has been laid down. With a strong foundation of the Group for 26 years, Medicaps University wishes to maintain the same objective of imparting quality education and producing sound professionals for the benefit of the society at large.

Outcome of FDP

1. Enhanced Awareness of IPR Concepts
2. Ability to Protect Research Work
3. Promotion of Innovation and Research Culture
4. Knowledge of Filing and Legal Procedures

Who should attend:

- Faculty members from all disciplines (Pharmacy/Biotechnology/Agriculture/Law/Health and Allied Science/Languages/Computer Science/Engineering or any other relevant area)
- Academic administrators, coordinators, and mentors IQAC / NAAC committee members
- Programme heads & course coordinators.

Organizing Team

Program Chair

Prof. A.A. Koser
Dean of Science & Academic
Affairs
Prof. Sunil Upadhyay
Dean of Agriculture
Prof. Sanjay Jain
Dean of Pharmacy
Prof. Srinivas Shirur
Dean of Law
Prof. Saurabh Jain
Director- CDOE and Head, AIU-
MU AADC

Convener

Dr. Shipra Ahuja
HOD, Languages
Dr. Mukesh K. Patidar
HoD, Biotechnology

Organizing Committee

Dr. Sneha Deshmukh, Agriculture
Dr. Aditi Pare, Biotechnology
Dr. Sunil Bansal, HAS
Prof. Sakshi Soreng, Law
Dr. Awdhesh S. Bhadoriya, Languages
Prof. Sankalp Sharma, Journalism
Dr. Sumeet Prachand, Pharmacy

Co-Convener

Dr. Hemant Khambete
HoD, Pharmacy
Dr. Sanjay Singh
HOD, Agriculture
Dr. Ruby Bhatt
HOD, CS & HAS
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