

**Report**  
**on**  
**Online Faculty Development Program on**  
**Harnessing Artificial Intelligence for Innovative Teaching and Learning**  
**in Higher Education**  
**held**  
**From 10/03/2026 to 14/03/2026**



**Organized**

**By**

**Academic and Administrative**  
**Development Centre (AADC)**  
**Poornima University, Jaipur**



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## NOTICE/CIRCULAR OF THE EVENT



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PU/R&D/2025-26/

Date: 23/02/2026

### NOTICE

All Faculty Members are hereby informed that a **one-week online Faculty Development Programme (FDP)** on "Harnessing Artificial Intelligence for Innovative Teaching and Learning in Higher Education" is being organized by Academic and Administrative Development Centre (AADC), Poornima University in association with Association of Indian Universities (AIU), to enhance faculty competencies in technology-enabled teaching and outcome-based education. Details of the FDP are as follows:

Topic: **Harnessing Artificial Intelligence for Innovative Teaching and Learning in Higher Education**

#### Speakers:

1. **Dr. Pankaj Rahi**, Lovely Professional University, Punjab
2. **Dr. Ibtisam Raza Khan**, Jamia Hamdard, Delhi, India
3. **Dr. Richa Sharma**, JK Lakshmipat University, Jaipur, Rajasthan
4. **Dr. Mahesh Kr. Porwal**, Sree Chaitanya College of Engineering, Telangana
5. **Dr. Darpan Anand**, Chitkara University, Punjab

Dates: 10th March to 14th March 2026

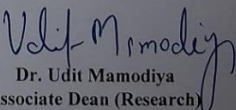
Time: 10:00 AM to 12:00 PM (Daily)

Mode: Online

Registration Link: <https://forms.gle/bC7dj8HexzXvumwp9>

Certificate will be issued to participants attending all five days. Faculty members are expected to register promptly and actively participate in the sessions.

For any queries, please contact the undersigned.

  
Dr. Udit Mamodiya  
Associate Dean (Research)



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## FLYER/BROCHURE OF THE EVENT



### AIU-AADC AND POORNIMA UNIVERSITY SPONSORED

# Faculty Development Programme

on

## Harnessing Artificial Intelligence for Innovative Teaching and Learning in Higher Education

From 10<sup>th</sup> to 14<sup>th</sup> March, 2026      Timing: 10:00 AM to 12:00 PM      Online

### Resource Persons for FDP

 <b>Dr. Pankaj Rahi</b> Lovely Professional University, Punjab	 <b>Dr. Ihtiram Raza Khan</b> Jamia Hamdard, Delhi, India	 <b>Dr. Richa Sharma</b> JK Lakshmi Pat University, Jaipur, Rajasthan	 <b>Dr. Mahesh Kr. Porwal</b> Sree Chaitanya College of Engineering, Telangana	 <b>Dr. Darpan Anand</b> Chitkara University, Punjab
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**Organized by: Research and Development Cell**      [www.poornima.edu.in](http://www.poornima.edu.in)

<b>Dr. Udit Mamodiya</b> Nodal Officer	<b>Mr. Hemant K. Upadhyay</b> Officer – R&D Cell	<b>Dr. Sharbari Deb</b> Asso. Professor, FET	For query : +91-9694802324 Link for Registration <a href="https://forms.gle/bC7dj8HexzXyUmwp9">https://forms.gle/bC7dj8HexzXyUmwp9</a>	Scan For Registration 
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## **BRIEF BIO OF THE SPEAKER(S)**

### **Day 1 (10.03.2026)**

Dr. Pankaj Rahi (dr.rahipankaj@gmail.com) is a seasoned academic, researcher, and innovator with over 20 years in data mining, predictive analytics, health informatics, digital health, telemedicine, and smart e-health systems. Holding a doctorate and postdoctoral experience from Singapore Institute of Technology, he specializes in AI, data analytics, and healthcare technology. Currently, as Associate Professor and Coordinator of IEEE Student Branch, Start-up, Innovations & Entrepreneurship at Lovely Professional University, Phagwara, Punjab, he drives teaching, curriculum development, research supervision, technical programs, innovation, and NAAC accreditation. Previously, he served at Institute of Health Management Research, Bangalore, and Poornima Group of Institutions, Jaipur, shaping curricula and workshops in data mining, AI, ML, software engineering, and cybersecurity.



With 16+ years in public health informatics, he was Nodal Officer IT eGov and Manager IT under National Health Mission (NHM), Chandigarh, leading systems like Mother and Child Tracking, Telemedicine, and Ayushman Bharat Digital Mission. A State Awardee (2020 COVID-19 Warrior) from Punjab's Governor and Chandigarh Administrator, he earned a Certificate of Appreciation for Healthcare IT innovations. His portfolio boasts 26+ Scopus-indexed papers, book chapters, and 21 patents in health informatics, AI, IoT/IoMT. Research focuses on smart e-health, brain-computer interfaces, cloud/big data analytics, ML, and AI in healthcare. A certified Software Quality Assurance professional, he contributes to NITI Aayog and Ministry of Health projects, bridging academia and real-world health tech solutions.



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## Day 2 (11.03.2026)

**Prof. (Dr.) Ihtiram Raza Khan is a distinguished senior academician at Jamia Hamdard, New Delhi**, with over 26 years of rich experience. He holds a Ph.D. in Software Engineering and Neural Networks, and his areas of expertise include Software Engineering, Computer Graphics, Machine and Deep Learning, Big Data Analytics, Cyber Security, and the Internet of Things. He has made significant contributions to academia and industry, having served as Head for Training and Placement and having provided consultancy to more than 15 organizations. He holds over 45 national and international patents and copyrights, has authored more than 24 books and 30 book chapters, and has published over 175 research papers in SCI, Scopus, Springer, and other reputed peer-reviewed journals.



Prof. Khan has delivered more than 100 invited talks and over 50 keynote addresses worldwide and is a renowned international speaker. He is a Co-Principal Investigator for two research projects funded by Saudi Arabia and has appeared in several academic programmes on Doordarshan and Akashvani. He also serves as an Associate Editor of the International Journal of End-User Computing and Development (IJEUCD) and as a reviewer for Springer Nature and the International Journal of Engineering Research and Technology (IJERT). He is a Senior Member of IEEE, CSI, and ISTE.



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## Day 3 (12.03.2026)

Dr. Richa Sharma is an Associate Professor of Mathematics in JK Lakshmipat University, Jaipur. She received her M. Sc. and Ph. D. degrees in Mathematics from Dr B. R. Ambedkar University, Agra. She was awarded for the “Excellent Service Award”, “Young Faculty in Science Award”, “Certificate of Merit” and “Best Paper Presentation Award” in meet by “Lion Club Jaipur Capital”, “Contemporary Academy Meet CAM-2017”, international conference on “2015 IAENG International Conference on Operations Research” held at Chennai during 8 July, 2017, Hong Kong during 18-20 March, 2015 and in annual conference of “Vijnana Parishad of India” and “The Global Society of Mathematical & Allied Sciences” held at Meerut during 24-26 March, 2011, respectively.



She was appointed as reviewer of many reputed international journals. She has 17 years of research and teaching experience. Her research area includes queueing theory, probability theory, reliability theory stochastic modeling and optimization. She has published fifty research papers in refereed International/National journals. She has participated and presented her research papers in forty two International/National conferences and workshops.



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## Day 4 (13.03.2026)

Dr. Mahesh Kumar Porwal is a distinguished academician, researcher, and administrator with over 25 years of experience in engineering education, research, and academic leadership. He currently serves as Dean and Professor at Sree Chaitanya College of Engineering, Karimnagar (Telangana). He completed his Ph.D. in Electronics and Communication Engineering from Mewar University, Chittorgarh in 2016, and holds an M.E. (Honors) in Electronics & Telecommunication Engineering from SGSITS, Indore, along with a B.E. in Electronics & Telecommunication Engineering from Mandsaur Institute of Technology. Dr. Porwal has previously served as Principal and Professor at Shrinathji Institute of Technology & Engineering, Nathdwara, where he played a key role in establishing research laboratories, entrepreneurship cells, and professional society chapters. He has made significant contributions to technical education by initiating collaborations with premier institutions such as IIT Bombay, IIT Kharagpur, and IIT Madras through remote centers and academic programs.



A GATE-qualified scholar (AIR 379) and recipient of MHRD scholarship, Dr. Porwal has published numerous research papers in reputed journals and conferences and has authored several academic books in electronics, communication, and computing domains. His research interests include machine learning, IoT, wireless communication, embedded systems, and artificial intelligence applications. He is a Fellow and member of several international professional bodies, actively contributing as an editor, reviewer, keynote speaker, and mentor in academic and research communities.



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## Day 5 (14.03.2026)

Prof. Darpan Anand is a distinguished academic and researcher with over 22 years of experience in teaching, industry, and research. Currently serving as a Professor and Associate Dean in the Department of Computer Science and Engineering at Chitkara University, India, he has significantly contributed to both academia and industry. His expertise extends to e-governance, having completed a Ph.D. titled “ID-Based Integrated Authentication System for e-Governance in India”, which earned recognition from the Government of India. Prof. Anand has also led the development of an AICTE-approved SWAYAM course on e-governance. His research interests include Data Science, AI & ML, Information Security, Blockchain, and Software Defined Networks, and he actively engages in outcome-based education and the National Education Policy-2020. Additionally, he is a designated professor and research supervisor at Liverpool John Moores University, UK.



With over 1500 published research papers, various books, book chapters, and patents, Prof. Anand is a member of esteemed organizations such as IEEE, ACM, IAENG, and CSI. His industrial experience includes over six years, with notable contributions to a PCQUEST Best Project for Airtel and IBM. Prof. Anand’s leadership in academia and his collaborative approach to research continue to shape the future of engineering education and innovation.



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## SCREENSHOTS OF EVENT (DAY 1)

Faculty Development Program Session  
on

AI-Augmented Learning Ecosystems for  
Next-Generation Higher Education:  
Innovation, Inspiration, and Impact

**Dr. Pankaj Rahi**  
Associate Professor  
Lovely Professional University, Punjab, India

Dr Pankaj Rahi

The Evolution of Education...learning  
and transformations

Traditional: Chalk & Talk, Textbooks

Digital: Online Learning, E-Resources

Smart Learning: Interactive Tools, Data Analytics

AI-Augmented Education: Adaptive AI, Personalized Learning

Dr Pankaj Rahi

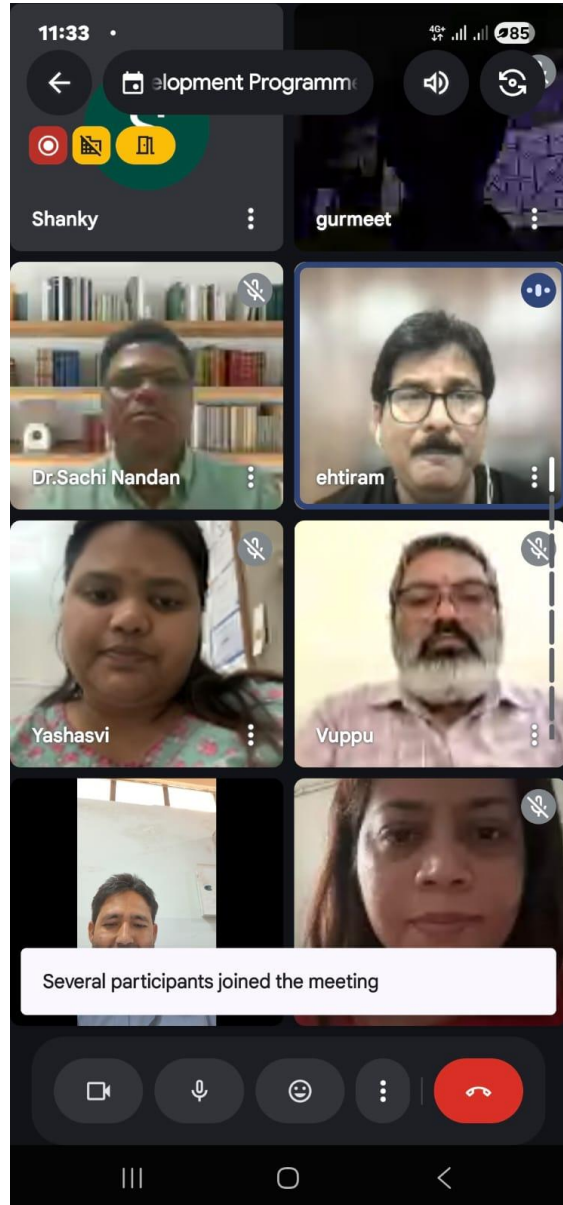
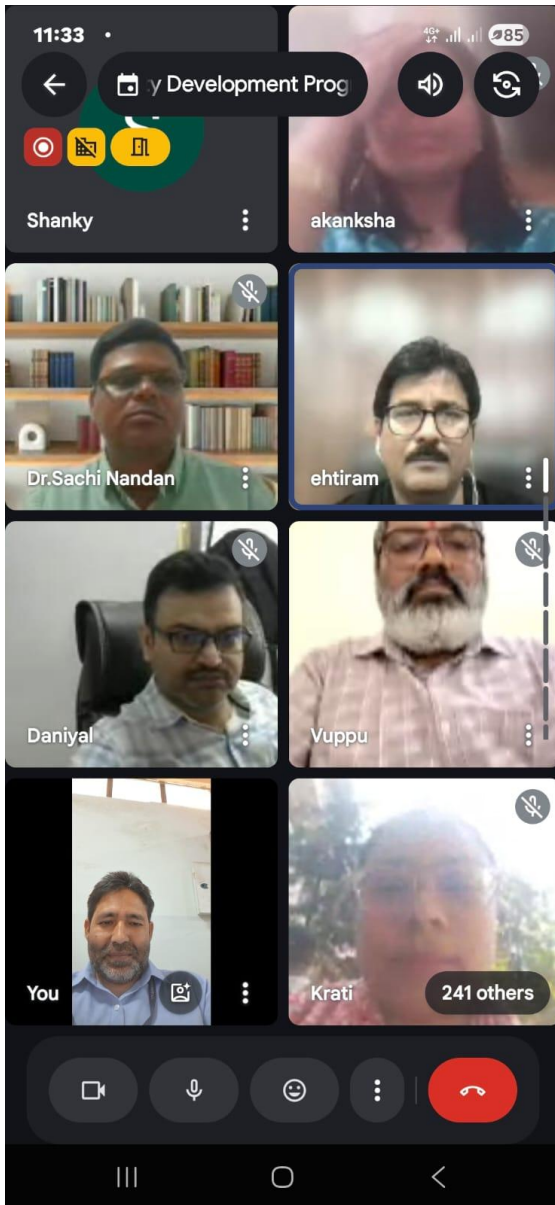
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## SCREENSHOTS OF EVENT (DAY 2)



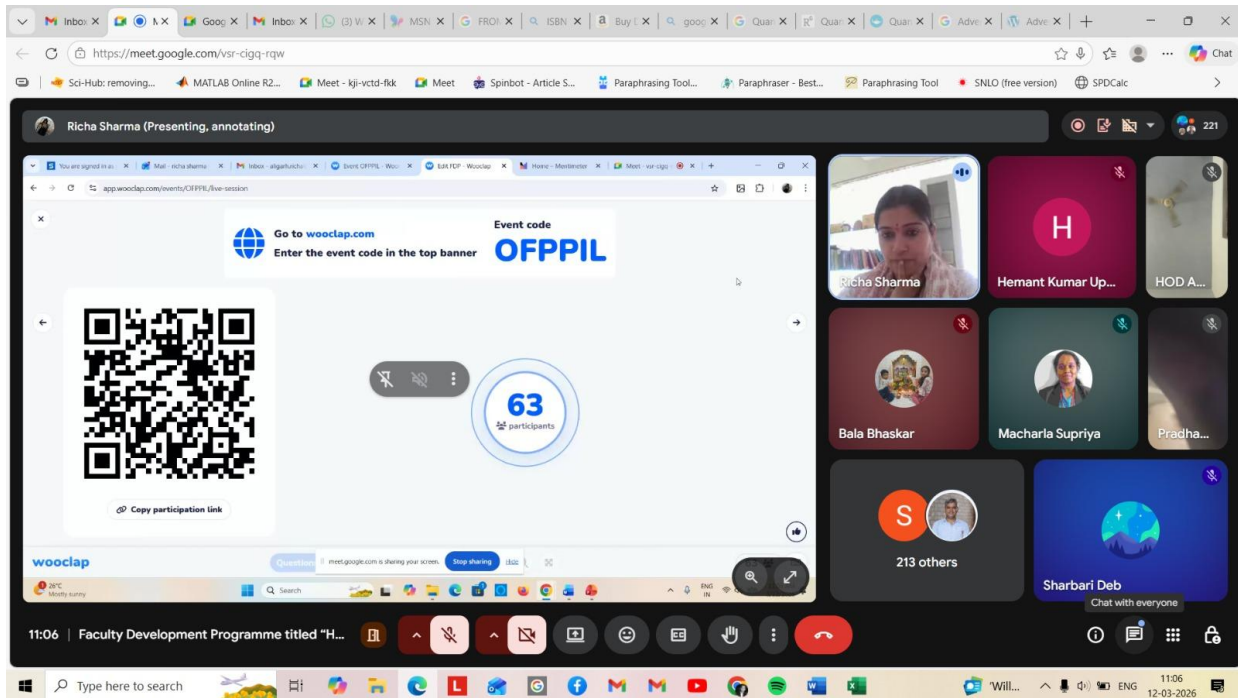
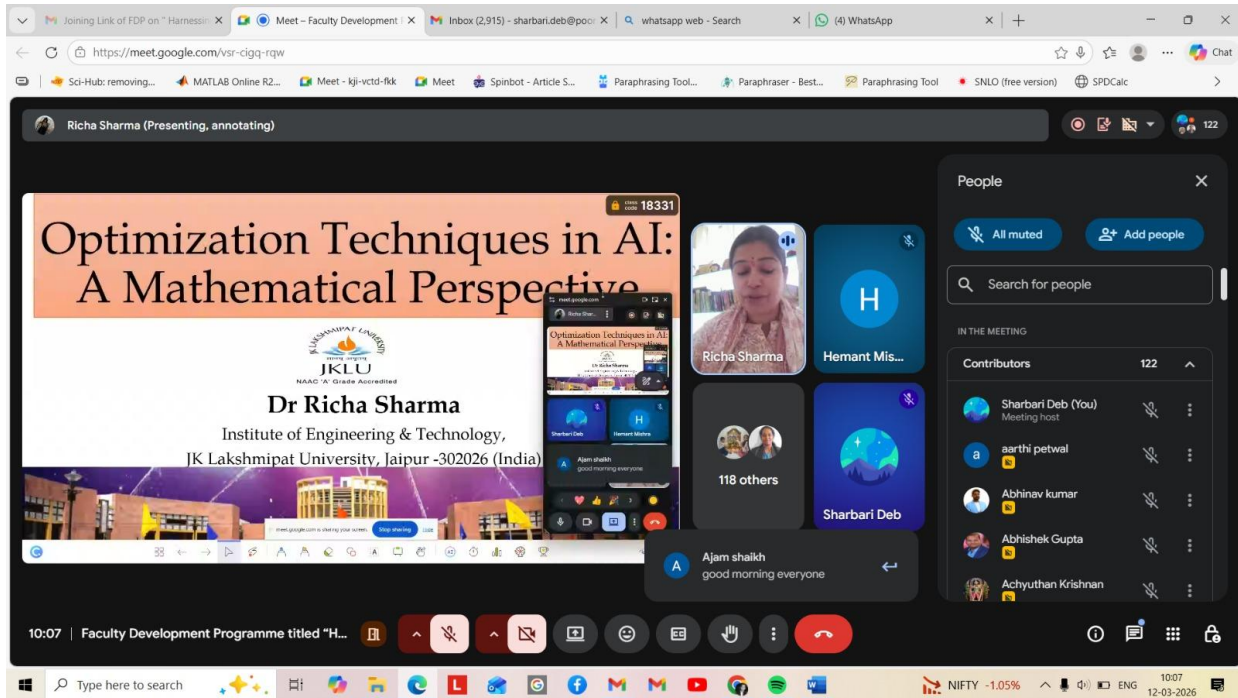


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## SCREENSHOTS OF EVENT (DAY 3)



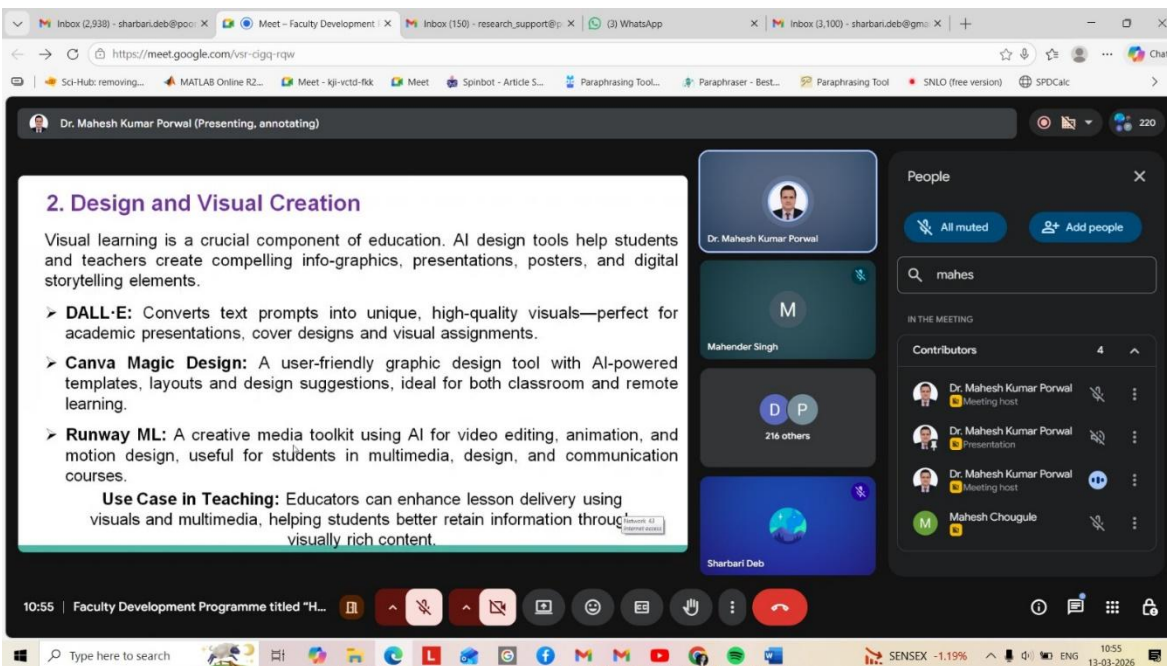
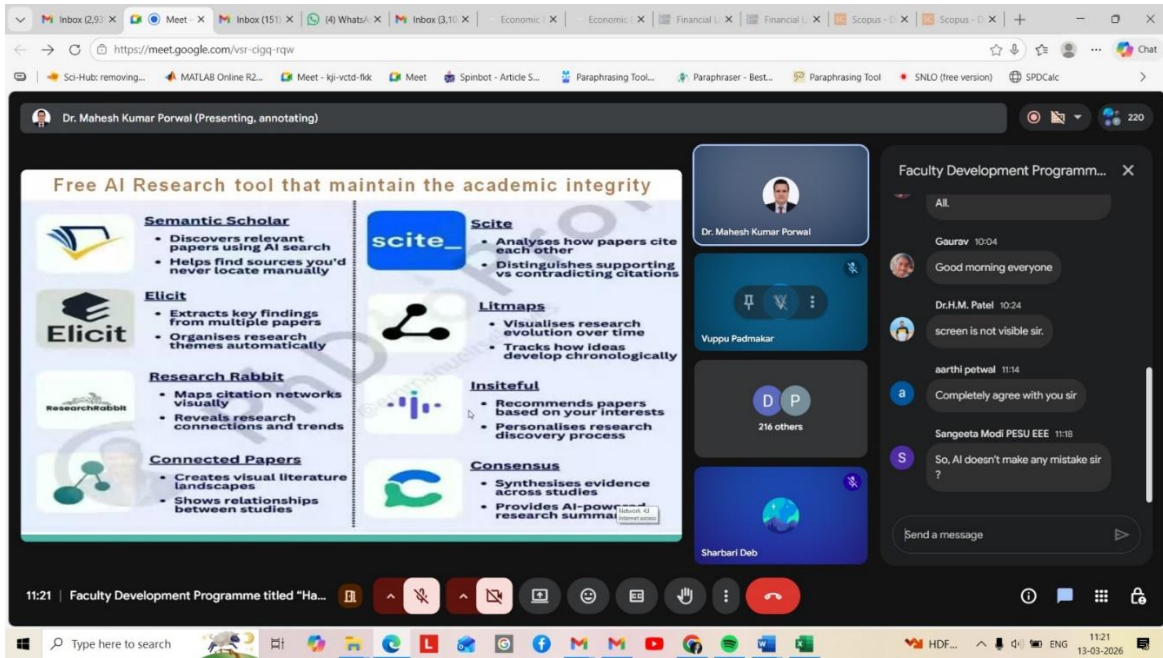


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## SCREENSHOTS OF EVENT (DAY 4)





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## SCREENSHOTS OF EVENT (DAY 5)

The screenshot shows a Google Meet interface. The main slide is titled "Education System" and features a diagram. On the left, a "Teacher" icon is shown. A blue arrow points from "Teacher" to "Teacher-Learning Processes" on the right. Above the arrow, "Artificial Intelligence" is written with an AI chip icon. The slide is from Chitkara University. The meeting controls at the bottom show the time as 10:10 and the title "Faculty Development Programme titled 'H...". The participant list on the right includes Darpan Anand (host), smita de..., and 132 others.

The screenshot shows a Google Meet interface. The main slide is titled "Artificial Intelligence" and has the subtitle "Thinking Humanly (Cognitive Modelling Approach)". The slide content includes:  
**Concept**  
Machines simulate human thinking and cognitive processes such as learning, reasoning, and memory.  
**Modern Technologies**  
Deep Learning | Neural Networks | Cognitive Computing | Brain-Inspired AI  
**Tools & Frameworks**  
TensorFlow | PyTorch | Keras  
**Real-world Examples**  
Medical diagnosis AI | Learning pattern prediction in EdTech | Brain-Computer Interfaces  
The slide also features logos for IBM Watson, AlphaFold 3, TEMPUS, and BrainCog. The meeting controls at the bottom show the time as 10:40 and the title "Faculty Development Programme titled 'H...". The chat window on the right shows a discussion about WhatsApp links for the program.



## SWOT ANALYSIS

### Strengths

- Highly relevant to emerging trends in AI integration for higher education, aligning with academic and research priorities to attract interested faculty.
- Experienced resource persons from reputed Indian institutions provide academic value and diverse perspectives.
- Online delivery enhances accessibility for participants across regions, eliminating travel barriers.
- Multi-day structured schedule supports gradual building of understanding and practical insights.

### Weaknesses

- Limited Individual Interaction: Large participant count limited personalized mentoring and one-on-one support.
- Digital Fatigue: Some sessions were intensive, leading to participant fatigue in the later days of the programme.
- Varied technical backgrounds among participants may challenge balancing beginner and advanced content.

### Opportunities

- Builds AI literacy for faculty to integrate tools into teaching, research, and assessment.
- Fosters inter-institutional networking and research collaborations among participants and resource persons.
- Serves as foundation for future advanced training, research projects, and AI-related curriculum development.

### Threats

- Technology Dependency: Over-reliance on AI tools without foundational understanding may lead to misuse or superficial outcomes.
- Technical issues like internet connectivity disruptions during sessions can hinder learning.



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## FEEDBACK FROM THE ATTENDEES

Feedback Form-"Harnessing Artificial Intelligence for Innx" ☆

Questions Responses 615 Settings

This form isn't accepting responses. Manage

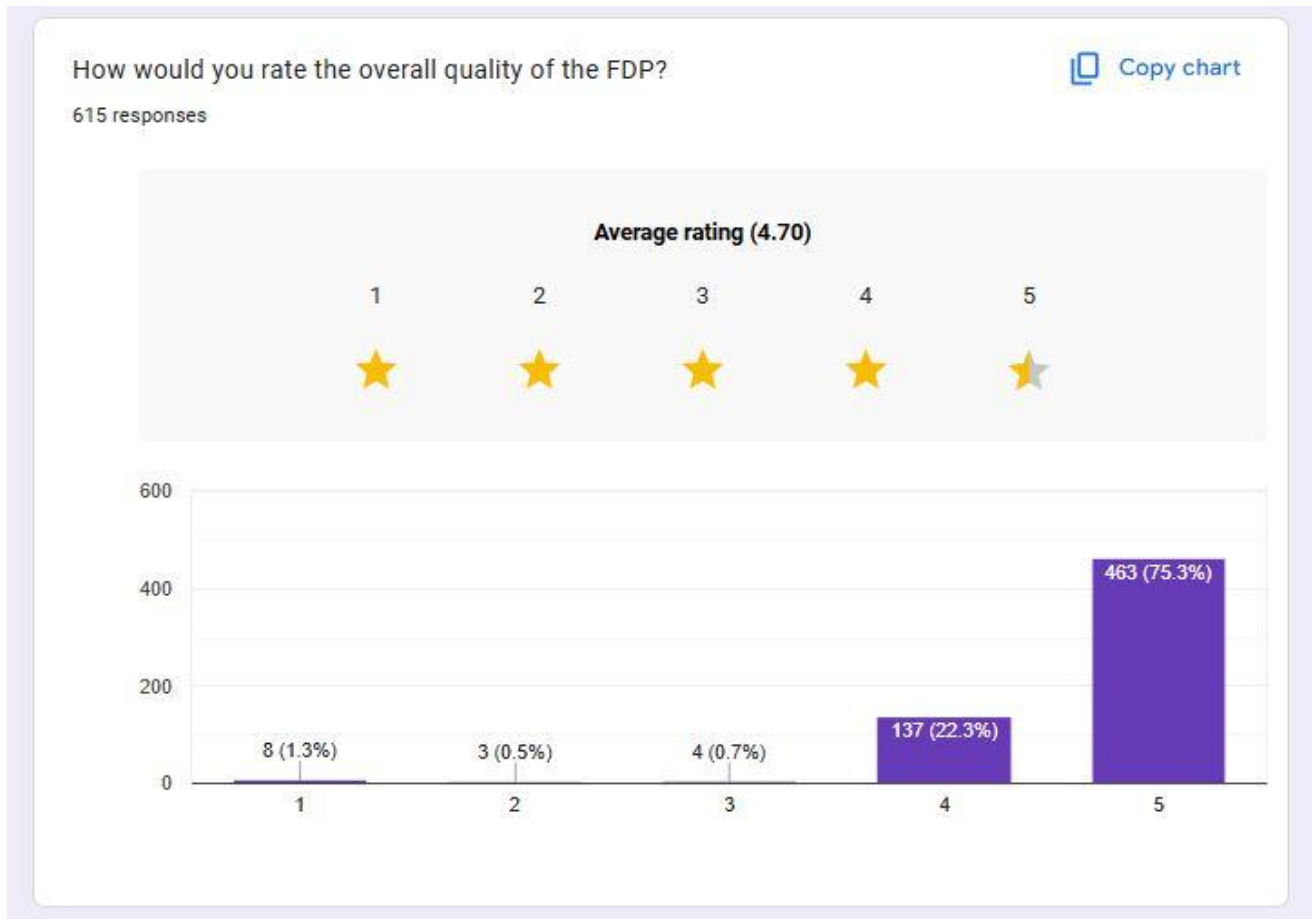
Feedback Form-"Harnessing Artificial Intelligence for Innovative Teaching and Learning in Higher Education"

Form description

Email \*

Valid email address

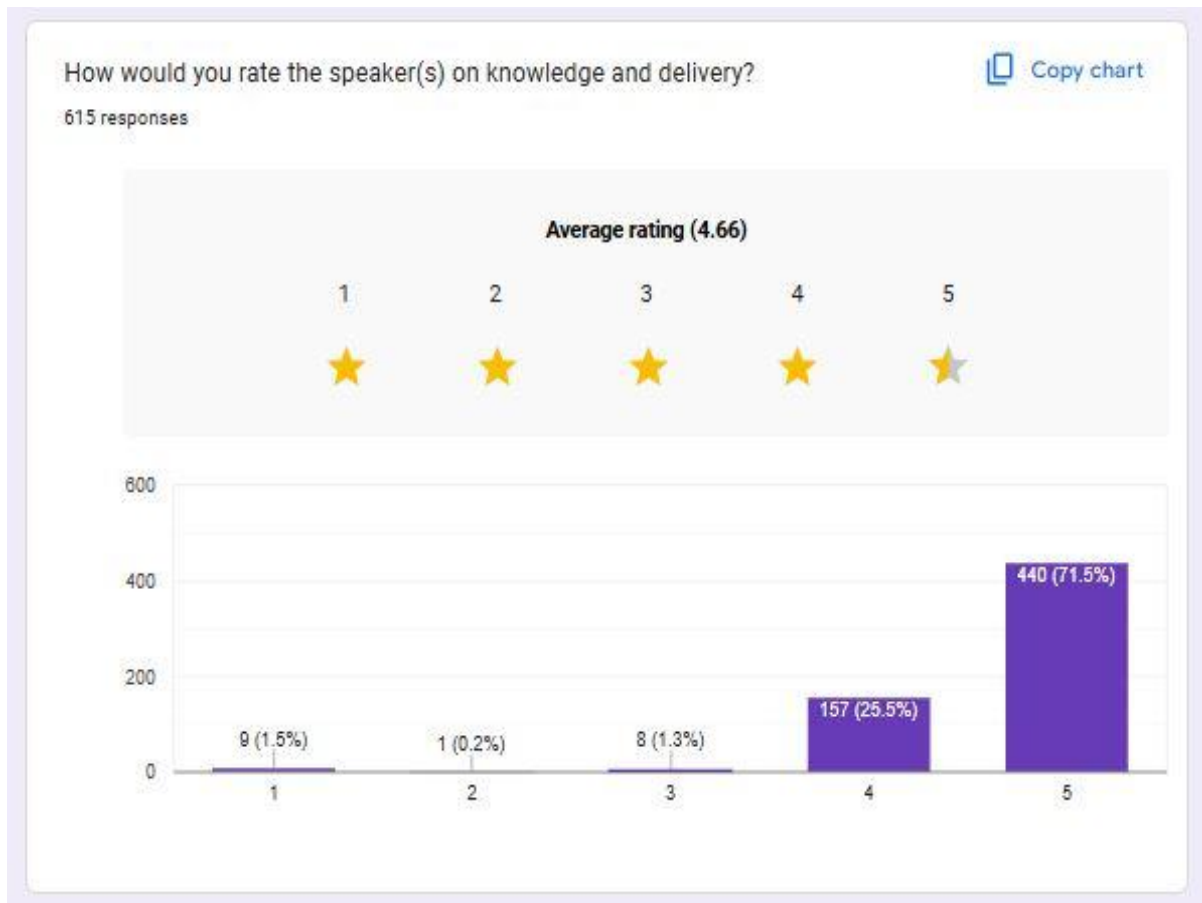
This form is collecting email addresses. [Change settings](#)





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## ANALYSIS OF THE FEEDBACK





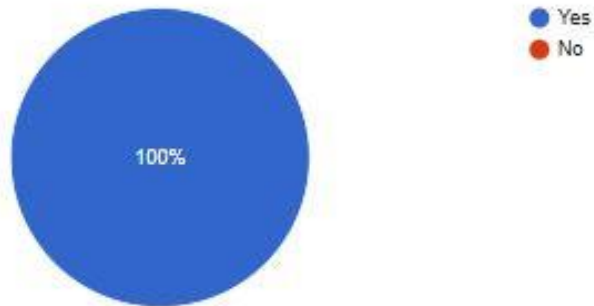
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Was the Q&A session helpful?

615 responses

 Copy chart



Were the workshop materials (slides, handouts) useful?

615 responses

 Copy chart

