Report on Faculty Development Programme (FDP)

Generative AI in Academia: Foundations, Prompting, and Agentic Workflows for Teaching and Research

The Centre for Teaching, Learning and Development (CTLD), BML Munjal University, Gurugram in association with the Association of Indian Universities under the AIU–BML Munjal University Academic and Administrative Development Centre and Algoritmo Lab, Pune, organised a five-day online Faculty Development Programme (FDP) on *"Generative AI in Academia: Foundations, Prompting, and Agentic Workflows for Teaching and Research"* from 16th to 20th February 2026.

The programme commenced with an inaugural session, where Prof. Jaskiran Arora, Dean – Education Quality, BML Munjal University, delivered the welcome address. In her remarks, she highlighted the growing importance of Generative AI in academia and emphasised the need for faculty members to engage with these technologies thoughtfully and responsibly.
The FDP was designed to introduce faculty members to the emerging role of Generative AI in higher education, with a focus on both conceptual understanding and practical applications in teaching, research, and academic processes.

Over the five days, the programme covered a range of topics, including the evolution of artificial intelligence, key concepts such as tokens, embeddings, and context, and the role of prompt engineering in academic settings. Participants were also introduced to various AI platforms currently being used in academia.

The sessions gradually moved towards applied aspects such as prompt design techniques (including zero-shot and few-shot prompting), context management, and evaluation of AI-generated outputs. Important discussions were also held on academic integrity and responsible use of AI tools.

The later sessions focused on hands-on learning. Participants explored building simple AI-based academic assistants, understanding approaches such as retrieval-augmented

generation, and examining the use of AI in academic documentation and outcome-based education processes. Demonstrations of agentic workflows provided practical insights into how AI can support routine academic tasks.

A capstone component was included in the programme, where participants worked on developing small, application-oriented solutions relevant to their own teaching or research contexts. These were presented on the final day, followed by interaction and discussion.

The sessions were conducted by resource persons, including:

- Dr. Kiran Khatter, Professor, School of Engineering and Technology, BML Munjal University
- Dr. Soharab Hossain Shaikh, Associate Professor, School of Engineering and Technology, BML Munjal University
- Dr. Manisha Saini, Assistant Professor, School of Engineering and Technology, BML Munjal University
- Mr. Dipayan Sarkar, Principal Data Scientist, Algoritmo Lab
- Dr. Abhishek Bhalotia, Analytics Insights Manager (Ex-Bayer)

who brought a balance of conceptual clarity and practical insights to the programme.

The FDP saw active participation from faculty members across institutions and disciplines. Participants were engaged throughout, particularly during the hands-on sessions and capstone presentations. Their details are as follows:

Sr. No.	Name	Designation	Institution Name
1	Akriti Chandra	Lecturer	BML Munjal University
2	Khushboo Purohit	Deputy Manager, Admissions	BML Munjal University
3	Diwakar Kumar Pandey	Assistant professor	BML Munjal University
4	Deepika Dhingra	Associate Professor	BML Munjal University
5	ANUSHA CHHABRA	Assistant Professor	BML Munjal University
6	Vaishali Sharma	Assistant Professor	BML Munjal University
7	Bhanu Pratap Singh Choudhary	Assistant Professor	BML Munjal University
8	Arvinder Singh Chopra	Assoc. Prof.	BML Munjal University
9	Ahmad Hasan	Assistant Professor	NIET Business School, Greater Noida

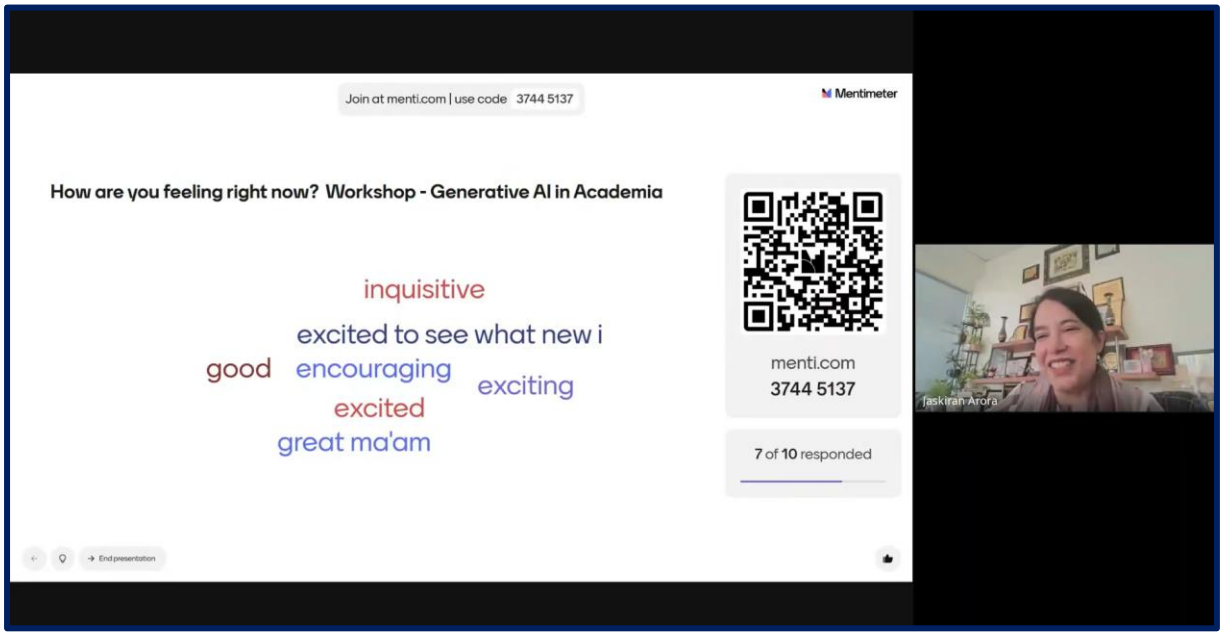
10	Dr. Kirti Mankotia	Senior Manager Training	BML Munjal University
11	Dr Shikha Sharma	Assistant Professor	St Mary's College
12	Lakshmi S	Assistant Professor	Dayanandasagar college of Arts,Science andCommerce
13	Dr. Sumant Kumar Mohapatra	Associate Professor	Dayananda Sagar University,Bangalore
14	Piyush Bagla	Asssistant Professor	UPES
15	Anusree Paul	Associate Professor	UPES
16	Abhra Paul	Assistant Professor	UPES
17	Nishtha Phutela	Associate Professor	BML Munjal University
18	SirajKhan	Program Manager	BML Munjal University
19	Dr. Mohd Azeem	Assistant Professor	BML Munjal University
20	Dr. Pallavi Kiran	Assistant Professor	Bennett University
21	Digvijay Singh	Senior Executive-SoET	BML Munjal University
22	Dr. Priti Nigam	Associate Professor	The M S University of Baroda
23	Akshita Arora	Associate Professor	BML Munjal University
24	Sangita Dutta Gupta	Professor	BML Munjal University
25	Anees Ahmad	Associate Professor	BML Munjal University
26	Amit Kumar	Section Officer II	BML Munjal University
27	Dr.Saloni Devi	Assistant Professor	University of Jammu
28	Lenin Thingbaijam	Faculty	WC University
29	Gaurav Gupta	Assistant Professor	BML Munjal University
30	MD Azharuddin Akhtar	Assistant Professor	BML Munjal University
31	Isha Ganguli	Assistant professor	BML Munjal University

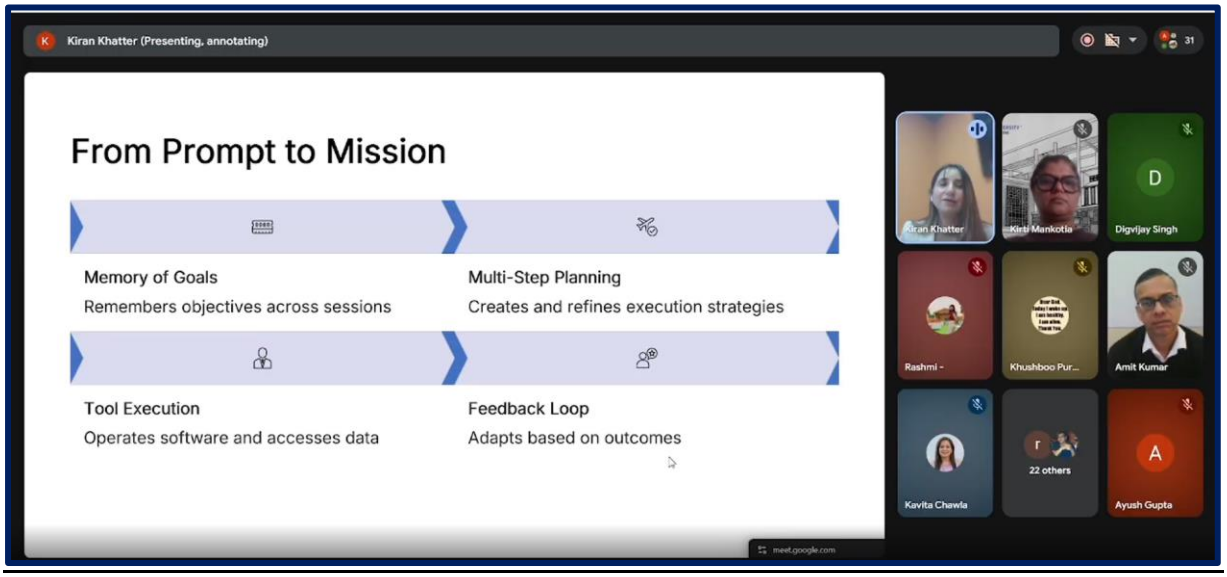
Feedback received at the end of the programme was positive. Participants appreciated the relevance of the sessions, the clarity in delivery, and the practical orientation of the programme. Many noted that the FDP helped them better understand how Generative AI can be meaningfully integrated into teaching and research.

The programme concluded with a vote of thanks delivered by Dr. Kavita Chawla, Assistant Dean – Education Quality, BML Munjal University, who acknowledged the contributions of the resource persons, participants, and organising team in making the FDP successful.

Overall, the FDP was conducted smoothly and achieved its intended objectives, providing participants with a useful foundation in Generative AI and its applications in academia.

Photographs:





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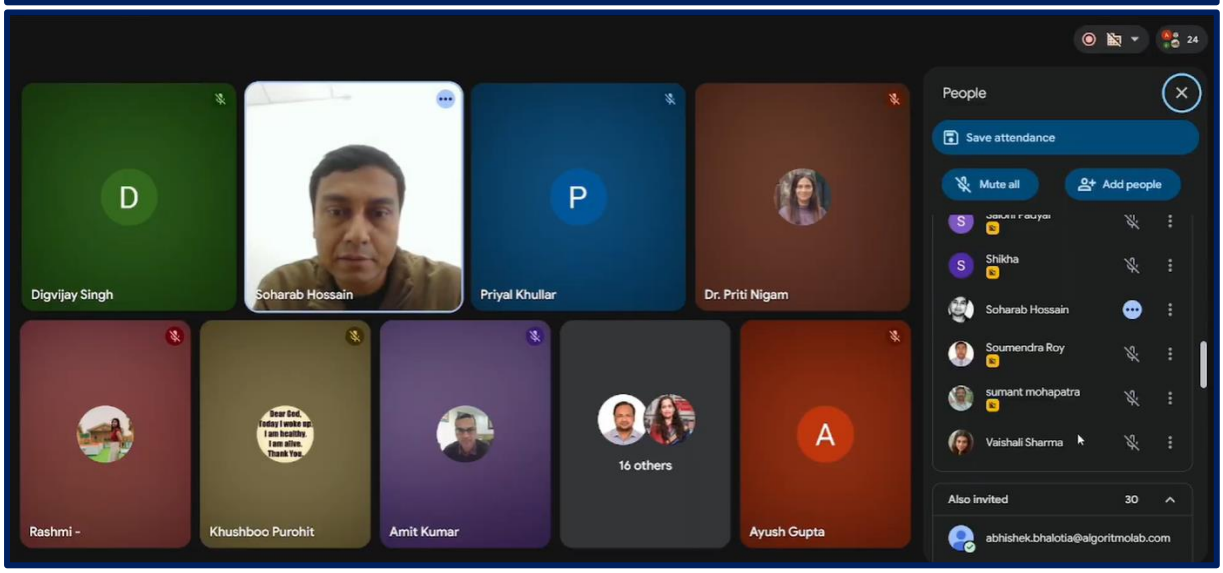

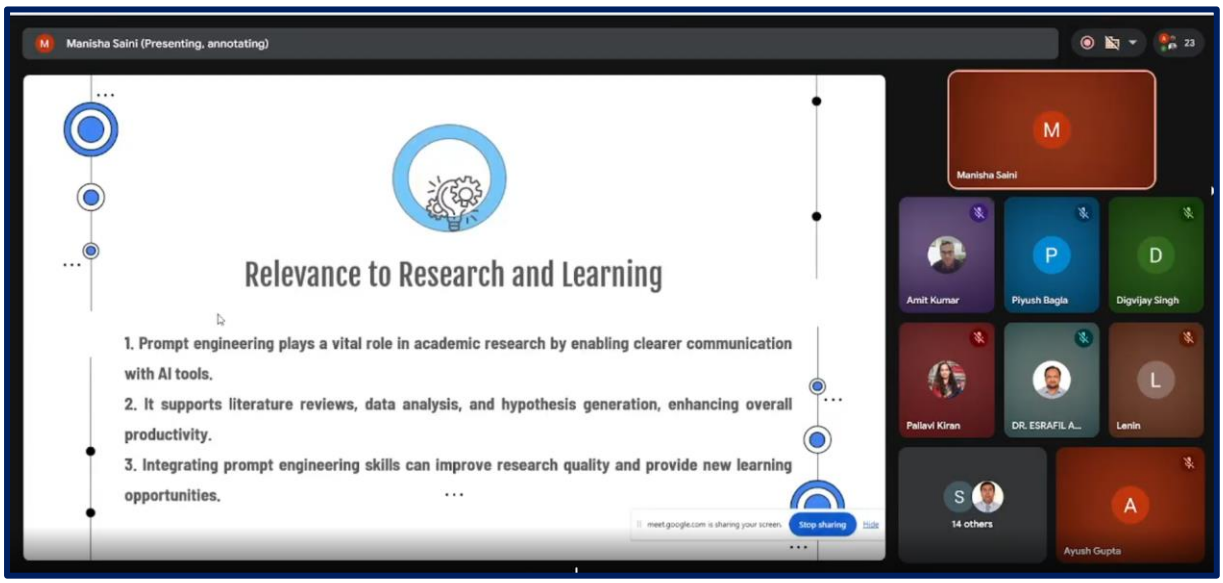

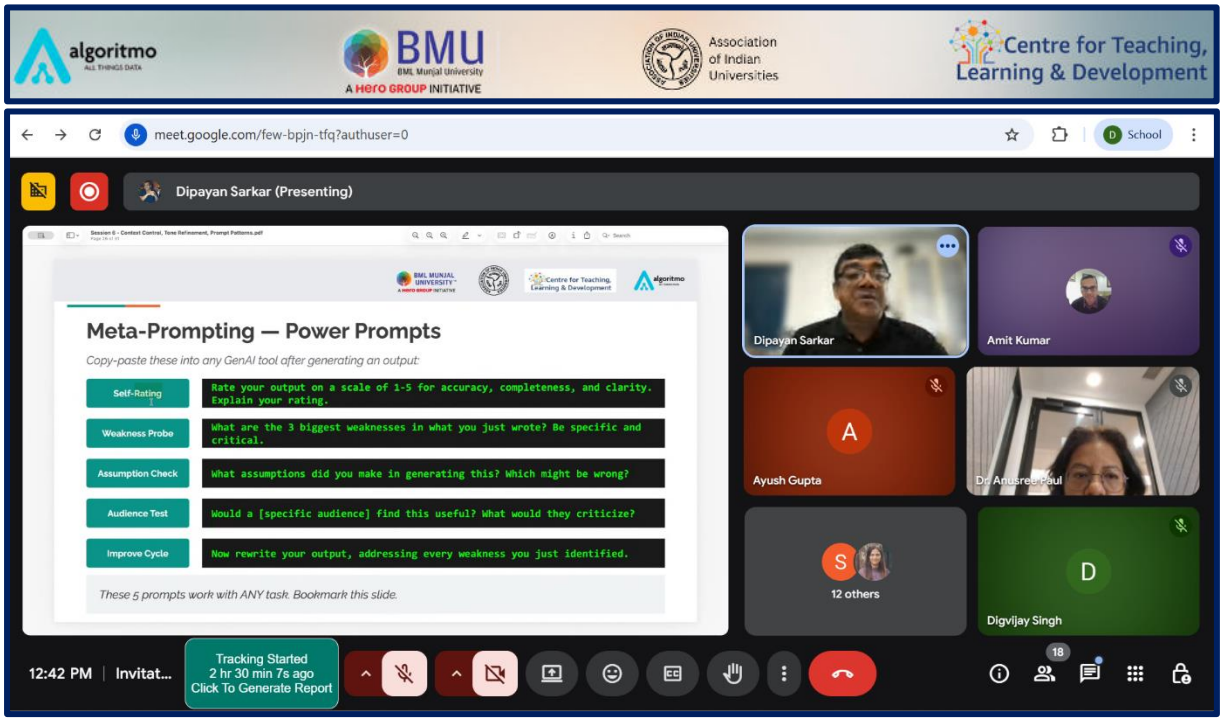
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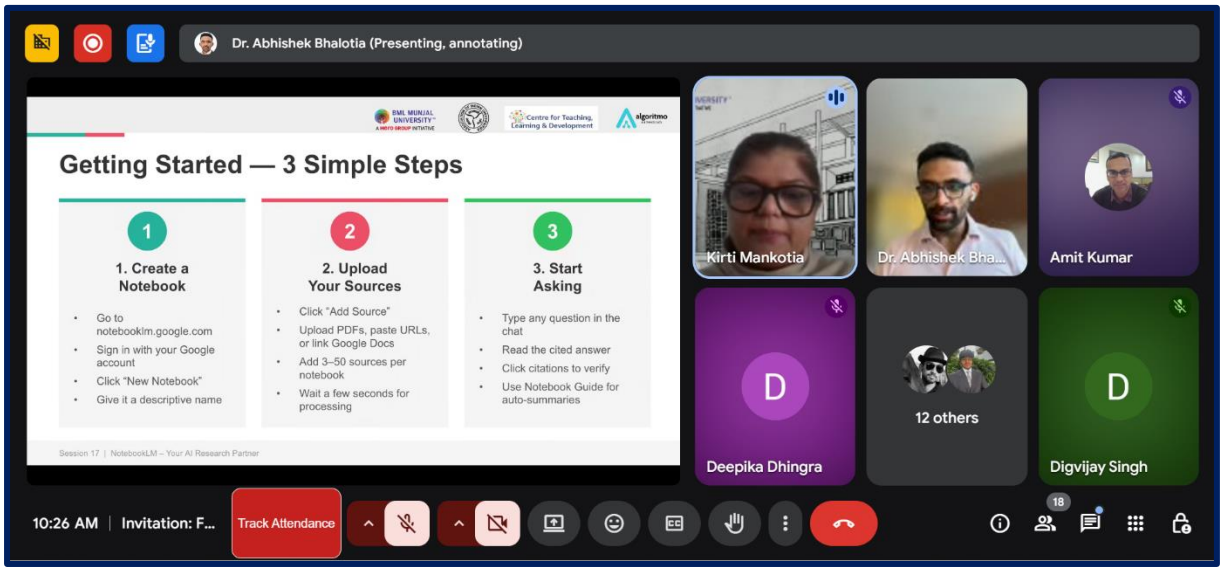
School
Dipayan Sarkar (Presenting)
Meta-Prompting — Power Prompts
Copy-paste these into any GenAI tool after generating an output:
Self-Rating
Rate your output on a scale of 1-5 for accuracy, completeness, and clarity. Explain your rating.
Weakness Probe
What are the 3 biggest weaknesses in what you just wrote? Be specific and critical.
Assumption Check
What assumptions did you make in generating this? Which might be wrong?
Audience Test
Would a [specific audience] find this useful? What would they criticize?
Improve Cycle
Now rewrite your output, addressing every weakness you just identified.
These 5 prompts work with ANY task. Bookmark this slide.
Dipayan Sarkar
Amit Kumar
Ayush Gupta
Dr. Anusree Paul
12 others
Digvijay Singh
12:42 PM | Invitat...
Tracking Started
2 hr 30 min 7s ago
Click To Generate Report


Dr. Abhishek Bhalotia (Presenting, annotating)
Getting Started — 3 Simple Steps
1. Create a Notebook
Go to notebooklm.google.com
Sign in with your Google account
Click "New Notebook"
Give it a descriptive name
2. Upload Your Sources
Click "Add Source"
Upload PDFs, paste URLs, or link Google Docs
Add 3–50 sources per notebook
Wait a few seconds for processing
3. Start Asking
Type any question in the chat
Read the cited answer
Click citations to verify
Use Notebook Guide for auto-summaries
Session 17 | NotebookLM – Your AI Research Partner
Kirti Mankotia
Dr. Abhishek Bha...
Amit Kumar
Deepika Dhingra
12 others
Digvijay Singh
10:26 AM | Invitation: F...
Track Attendance

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