

REPORT ON A 2-DAY WORKSHOP DUBBED “INTELLIGENT RESEARCH: HARNESSING ARTIFICIAL INTELLIGENCE IN HIGHER EDUCATION

25TH AND 26TH SEPTEMBER, 2025

PRELUDE.

“Within a generation, the problem of creating ‘artificial intelligence’ will substantially be solved. (Marvin Minsky, 1967)”

Pioneering scientists in the early 1900's like Allan Turing, John McCarthy and Marvin Minsky predicted that definitely in a particular generation, artificial intelligence which bridges the gap between the human brain and machine learning would become a reality and surely in this 21st Century, in the era of Generation Z's and Generation Alphas, it has become a palpable reality. With AI now becoming an integral part of academia and academicians, leadership of the Department of Education of University of Mumbai headed by Dr. Ashwini Karwande decided to organise a 2-Day Workshop themed “Intelligent Research: Harnessing Artificial Intelligence in Higher Education.

First and foremost, we would want to express our utmost gratitude to The Vice Chancellor of University of Mumbai, Prof. Ravindra D. Kurkani, the head of Department Dr. Ashwini Karwande and the Organising Committee who made this 2-day workshop a success. Also, to the facilitators and moderators for the two days which included Prof. Satya Sundar Sethy, Dr. Anusha Ramnathan, Dr. Pradip Sarwade, Mr. Satej Sande and Dr. Kamlesh Goyal. Lastly, to all the participants for their immense contributions and feedback.

- The 2-Day Workshop witnessed the participation of **23 active academicians** which included Associates Professors, PhD holders, PhD candidates and M.Ed. students.
- The workshop had three sessions for Day 1 and two sessions for Day 2. The breakdown of activities for the 2 Day Intelligent Research is as follows:

Day 1 (Thursday, 25th September)

Theme: *AI in Higher Education: Transforming Teaching, Learning, and Assessment*

The much-anticipated workshop commenced with registration and breakfast between 9:30 a.m. and 10:00 a.m. The inaugural session began with a warm welcome and introductory address by Dr. Pradip Sarwade, Assistant Professor, Department of Physics, University of Mumbai.

The first session, conducted by Dr. Anusha Ramnathan, Assistant Professor at CETE, Tata Institute of Social Sciences (TISS), focused on “*AI and the Futures of Teaching, Learning, Assessment, and Research in Higher Education*” from 10:30 a.m. to 1:00 p.m. The presentation highlighted the transformative potential of Artificial Intelligence in reimagining pedagogical processes, student engagement, and educational evaluation.

After a 30-minute lunch break, Session 2 featured a collaborative, hands-on presentation by Dr. Anusha Ramnathan and Mr. Satej Shende, Tech Lead at CETE, TISS, on “*Tools and Practices for AI in Research.*” The session, held from 2:00 p.m. to 4:00 p.m., introduced participants to a range of AI-

based tools useful for literature review, data analysis, and academic writing—many of which were new to the attendees.

Following a short tea break, the day concluded with an interactive session on “*Creating Guidelines for Responsible AI Usage*,” conducted by the same duo from 4:10 p.m. to 5:10 p.m. The session encouraged participants to reflect critically on the ethical and responsible integration of AI in academia.

Day 2 (Friday, 26th September)

Theme: *AI in Research: Opportunities, Ethics, and Academic Practices*

Day 2 began with breakfast between 10:30 a.m. and 11:00 a.m. The fourth session featured Prof. Satya Sundar Sethy, Professor of Philosophy and Higher Education, IIT Madras, who delivered a thought-provoking presentation on “*Ethical Use of AI in Research and Publication*” from 11:00 a.m. to 1:00 p.m. His session emphasized academic integrity, responsible authorship, and the implications of AI-generated content in scholarly work.

After a one-hour lunch break, Session 5 was led by Dr. Kamlesh Goyal, Postdoctoral Fellow at CETE, TISS, on “*AI for Academic Writing and Publishing*” from 2:00 p.m. to 4:00 p.m. The session was practical and participatory, allowing participants to explore how AI tools can assist in structuring, editing, and improving academic manuscripts.

Post the tea break, the programme concluded with a stimulating presentation on “*Philosophy and AI*” by [Name of Speaker], which provided a reflective closure by connecting ethical, philosophical, and technological dimensions of artificial intelligence.

Achievements

The two-day workshop proved highly beneficial, enriching participants’ understanding of:

- Ethical and effective use of AI in teaching, learning, and assessment.
- Application of AI tools for writing, editing, analysis, and publication.
- Developing actionable guidelines for responsible AI use in academic and institutional contexts.

The discussions and practical sessions helped participants envision AI not merely as a tool but as a transformative partner in higher education and research.

While the workshop was successfully conducted, a few minor logistical challenges were encountered. However, these were effectively managed by the Organising Committee, ensuring the smooth execution of the event.

The two-day workshop on *AI in Higher Education and Research* was a resounding success. The Department expresses its heartfelt gratitude to all the distinguished speakers, participants, and organizing members for their invaluable contributions. It is our earnest hope that the insights gained from this event will inspire researchers and educators to pursue more ethical, innovative, and transformative research practices that shape the future of teaching, learning, and assessment.

CONCLUSION.

We are grateful to all for the impacts and successes achieved .

It's our innermost wish that participants and future academic researchers would use this programme as pivot for more ethical and ground breaking researches that will transform teaching, learning, assessment and education in general.

Department of Education
University of Mumbai

Organizes

2-Day Workshop on AI as a
Transformative Force in
Research and Education

**Intelligent Research:
Harnessing Artificial Intelligence (AI) in Higher Education**

University of Mumbai
NAAC A ++


Keynote Speakers


Dr. Anusha R.
*Assistant Professor,
CETE, TISS*


Mr. Satej Shende
*Tech Lead, Mumbai Campus,
CETE, TISS*


Dr. Kamlesh Goyal
*Postdoc Fellow,
CETE, TISS*


Prof. Satya S. Sethy
*Professor of Philosophy
and Higher Education,
IIT Madras*

25-26th September, 2025
Time: 09:30 AM - 05:00 PM

Venue: Seminar Hall, Department of Education,
Maulana Abul Kalam Azad Bhavan, University of Mumbai

Workshop Learning Outcomes:

- Reimagine teaching, learning, and assessment with AI
- Explore AI tools for writing, analysis and publication
- Understand ethical frameworks for AI use in research and publishing
- Develop actionable guidelines/policies for institutions

Workshop Details:

Registration Fee : ₹500
Eligibility to attend : Teachers, Teacher educators, Research Scholars and Students

Registration Link :
<https://bit.ly/doeuom>
Hurry Up : Limited Seats



<https://drive.google.com/drive/folders/1KWSbwY3Zza2Lad44qWqLpXcoJDe5prIx?usp=d>

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