

AI and the Alpha Generation: Bridging the Digital Divide Through Technology Integration

A Report

Mahatma Education Society's
Pillai College of Education and Research
Sector 8, Khanda Colony, New Panvel
Accredited NAAC "A+" (2nd Cycle)
(Recognized by NCTE and Affiliated to University of Mumbai)
Organizes

National Level Seminar
On 14/02/2025
'AI and the Alpha Generation: Bridging the Digital Divide Through Technology Integration'

This seminar highlights the seamless integration of technology to enhance learning experiences. Join us to discover how AI-driven tools can shape future innovators and bridge the digital divide for a tech-savvy generation.

Core Areas

- Digital and Online Education
- AI in Education: Implications for Teaching and Learning

Key Note Speaker


Mr. Aditya Rajmane
Doctoral Research Scholar at IIT Bombay, M.S. (NYU, USA), M.A.T (Clarkson University, USA)
Former Assistant Professor at SPIT.

Join us in shaping the future of education, as we explore the transformative power of AI and digital tools to create innovative, student-centered learning environments for the next generation.

AGENDA

- 10.45 - 11.00 am - Inaugural Session
- 11.00 to 1.00 pm - Key Note Session by Mr. Aditya Rajmane
- 1.00 to 2.00 pm - Lunch Break
- 2.00 to 4.00 pm - Research Paper Presentation
- 4.00 to 4.30 pm - Valedictory Session

The **National Seminar on “AI and Alpha Generation: Bridging the Digital Divide through Technology Integration”** was held on 14th February 2025 at MES' Pillai College of Education and Research, New Panvel. The seminar brought together educators, researchers, and experts to explore the evolving impact of Artificial Intelligence on education, especially for Generation Alpha — the first fully digital-native generation. The inaugural session, led by Ms. Manju Vinish, set the stage by stressing the need to integrate AI in education while ensuring equitable access and preserving the human element in teaching.



The keynote address was delivered by Mr. Aditya Rajmane an accomplished educator and researcher currently pursuing a Ph.D. in Educational Technology at IIT Bombay. His academic journey bridges both technical depth and pedagogical expertise. Beginning with a Bachelor's degree in Computer Engineering from the University of Mumbai, he advanced his knowledge with a Master of Science in Computer Science from New York University, specializing in machine learning, big data analytics, and distributed systems. Complementing his technical background, he earned a Master of Arts in Teaching, specializing in Technology Education, from Clarkson University, New York.

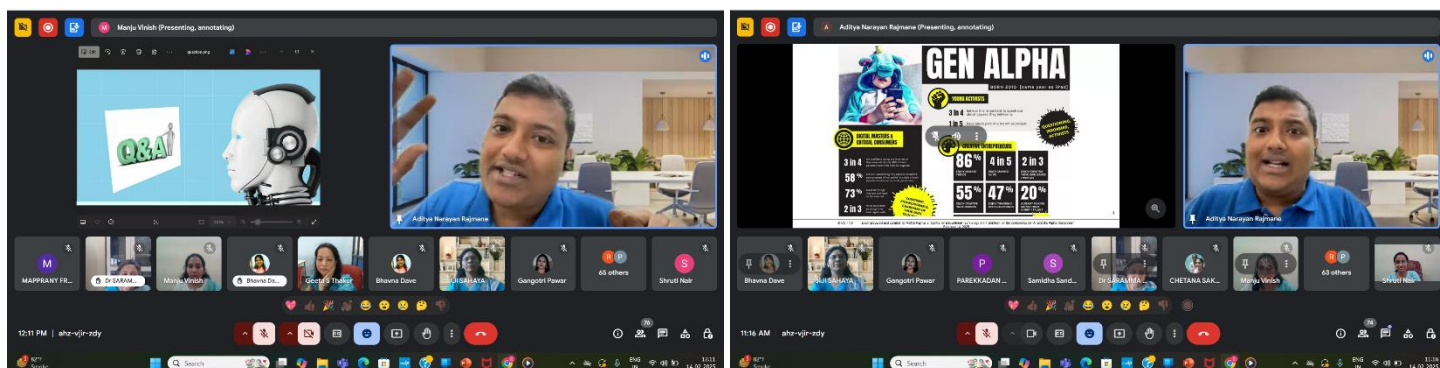


He offered deep insights into AI applications like adaptive learning platforms, speech recognition tools, and initiatives such as the Atal Innovation Mission that are transforming classrooms into personalized, engaging spaces.

Key discussions covered:

- **Unique learning styles of Generation Alpha**, who seamlessly interact with AI and digital tools from early childhood.
- The necessity for **educational reforms** to move beyond rote methods to flexible, inquiry-driven learning.

- The role of AI in creating customized learning pathways, real-time feedback, and addressing diverse learner needs.
- Concerns around **data privacy, algorithmic bias, and ethical deployment of AI**, highlighting the importance of robust policies and transparent practices.
- The alignment of these efforts with India's **NEP 2020**, which advocates integrating technology meaningfully to build global competencies.
- The importance of **public-private partnerships** in bridging infrastructural gaps and minimizing the digital divide.



Outcome:

The seminar achieved its goal of sensitizing participants to both the opportunities and challenges of integrating AI in education. It equipped educators with ideas and best practices to harness AI responsibly, foster critical thinking and creativity, and prepare students for an AI-driven world. It also strengthened the resolve to collaboratively work toward bridging the digital divide, ensuring that all learners — regardless of background — can benefit from technological advances. The event concluded with a shared commitment to building inclusive, innovative, and future-ready educational ecosystems.