



COLLEGE OF EDUCATION & RESEARCH

&

INTERNAL QUALITY ASSURANCE CELL

Organizes

TWO DAY NATIONAL LEVEL SEMINAR

ON

*Ethical Considerations in Using AI in Education: Navigating
Challenges and Path Ahead*



21st & 22nd February 2025

Venue

SDV Complex, Sector 4, Airoli

Navi Mumbai - 400708

Contact Details

Telephone: 022 277 944 52

E-mail: mctcoer@yahoo.co.in

Website: <https://www.mctbedcollege.org>

About the Manjara Charitable Trust:

Manjara Charitable Trust is renowned trust in Maharashtra, a social welfare organization whose goal is economic, social, political and cultural upliftment of masses in Maharashtra by providing quality education. Shri Vilasraoji Deshmukh a distinguished administrator in India and educational visionary founded the Manjara Charitable Trust in 1988.

The Manjra Charitable Trust has sponsored many educational institutions in the range of Marathwada at the beginning and now it is spreading up all over the state of Maharashtra. The number of educational institutions from K.G to Graduates / Post Graduates degrees have been started to impart education in the faculties of Arts, Science and Commerce Education, Engineering etc...

About the Institution:

MCT's College of Education & Research is the progenitors of the MCT's idea, which, for nearly three decades has embodied the services relationship to the needs and interests of the people. The College is governed by the voice of the many, a shared responsibility of faculty, Academic staff and students. Relatively from modest beginning and with Judicious application of limited resources. Within a decade's time MCT's College of Education & Research has grown into an establishment that is now considered as one of the eminent Teacher Education Institution.

MCT's College of Education & Research acknowledges its role as a place of intersection for myriad local, regional, National and International communities, each with the dynamic and widely varied perceptions, interests, demands and contribution. It stands in the midst of an ever-expanding revolution in communication, which influences fundamentally the technology and practices in Education

Concept Note of the Seminar

“Success in creating AI would be the biggest event in human history. Unfortunately, it might also be the last, unless we learn how to avoid the risks.”—Stephen Hawking

The integration of AI into everyday life has sparked numerous ethical concerns, moving the field of artificial intelligence ethics from a science-fiction plot point to a pressing real-world concern.

Though the AI boom is a very contemporary cultural reality, this branch of ethics has roots extending back to Isaac Asimov's famous "Three Laws of Robotics" – introduced in 1942. Today, AI ethics focuses on the moral principles that should govern AI's development and application. It addresses crucial questions about the implications of AI on human rights, societal fairness and the power dynamics between individuals and corporations.

Ethical issues arise when AI systems, which are often opaque and complex, make decisions that can affect people's lives — sometimes without them even realising it. From determining creditworthiness to making hiring decisions, AI systems are increasingly responsible for outcomes that have profound implications. As the use of AI expands, so does the need for ethical oversight to prevent these technologies from being used irresponsibly or causing harm, even if that harm is often inadvertent.

Artificial Intelligence (AI) is increasingly becoming a powerful tool in educational settings, offering transformative potential for personalized learning, assessment automation, curriculum development, and administrative efficiency. AI-powered technologies, such as adaptive learning systems, intelligent tutoring, and automated grading platforms, promise to revolutionize education by enhancing learning outcomes, improving access to resources, and supporting teachers in their pedagogical efforts.

However, as AI integrates further into the education sector, it brings with it complex **ethical challenges** that need urgent attention. The ethical implications of AI in education are broad and far-reaching, raising questions about **privacy, data security, bias and fairness, accountability, transparency**, and the **impact on the teacher-student relationship**. There is a pressing need to understand how these technologies can be used ethically and responsibly, ensuring that they benefit all students without compromising educational values, equity, or student well-being.

In the past ten years, AI technologies have developed at an exponential rate and exerted tremendous impact on industrial, social, environmental, and economic changes on humans. With recent public access to powerful generative AI, such as ChatGPT and DALL. E, leading AI researchers, corporation leaders, and policy makers have become increasingly concerned about AI ethics and its profound risks to human society. In the realm of education, a surging number of studies have explored AI integration and its effects on K-12 and higher education. The world of artificial intelligence (AI) has already moved from science-fiction to an ever-present reality shaping our daily lives. Not only that, but this exciting technology is still evolving. From personal assistants

like Siri and Alexa to advanced algorithms used in healthcare, finance and marketing, AI is reshaping industries at an unprecedented pace. But with any emerging technology, it's important not to get swept away without asking the difficult questions. As AI becomes more deeply embedded in the structures of society, we must consider concerns around privacy, accountability and fairness.

Artificial Intelligence (AI) has rapidly become one of the most transformative forces in modern education. From **personalized learning** platforms and **adaptive tutoring systems** to AI-based tools for automating assessments and providing real-time feedback, AI promises to revolutionize the way we teach, learn, and assess knowledge. However, as we stand on the cusp of these exciting advancements, it is essential to pause and critically examine the **ethical implications** of integrating AI into educational systems.

The use of AI in education presents a myriad of opportunities for improving **learning outcomes**, enhancing **accessibility**, and streamlining administrative tasks. AI technologies have the potential to help teachers better understand individual student needs, offer tailored learning experiences, and provide timely interventions for students who are struggling. At the same time, however, the ethical questions and risks associated with these technologies cannot be ignored. The way AI is designed, implemented, and used in educational settings will determine whether it becomes a force for equity and improvement or exacerbates existing inequalities and biases.

The **ethical considerations** around AI in education are vast and complex, encompassing critical issues such as:

- **Data privacy and security:** How should student data be collected, stored, and used? Who owns this data, and how do we protect it from misuse or breaches?
- **Bias and fairness:** AI systems are only as unbiased as the data they are trained on. How do we ensure that AI does not perpetuate existing biases related to gender, race, socioeconomic status, or other characteristics?
- **Transparency and accountability:** AI decision-making processes are often opaque, making it difficult for educators, students, and parents to understand how certain outcomes or recommendations are reached. How can we make AI systems more transparent and accountable?

- **Teacher-student relationships:** As AI takes on more roles in educational settings, what happens to the critical human connections that underpin effective teaching and learning? How do we preserve the role of educators while leveraging AI?
- **Access and equity:** AI has the potential to democratize education, but it can also widen the digital divide if not implemented with careful attention to accessibility and equity. How do we ensure that AI-based tools are accessible to all students, regardless of socioeconomic background or geographic location?

In response to these questions, this proposal seeks to organize a **seminar** that will address these pressing ethical concerns, foster dialogue among key stakeholders, and provide a platform for developing guidelines and frameworks to ensure AI in education is used responsibly and ethically. This seminar aims to provide a platform for critical dialogue, reflection, and solution-building around the ethical use of AI in education. By bringing together key stakeholders, including educators, policymakers, technologists, ethicists, and students, this seminar seeks to explore these challenges, develop shared frameworks for ethical AI adoption, and identify actionable steps for shaping the future of AI in education

Objectives of the Seminar:

- Explore the ethical concerns of using AI in teacher education such as bias, privacy, and the impact on the teacher-student relationship.
- Facilitate Dialogue on AI's Role in Shaping Education's Future
- Encourage Critical Reflection on the Impact of AI on Teacher-Student Relationships
- Encourage Critical Thinking on the Long-Term Societal Impact of AI in Education
- AI consideration for social-emotional learning, Inclusivity, Evaluation.
- Explore future developments in AI technology and their potential ethical challenges in the context of education.

Sub-themes for Paper presentation:

1. Philosophical perspective of AI in Education
2. AI Algorithms Bias and Fairness
3. AI and the Teacher-Student Relationship
4. AI's Impact on Curriculum Design and Educational Pedagogy

5. Ethical guidelines for Educators
6. Ethical Implications of AI in Student Assessment
7. The Future of AI in Education: Opportunities and Ethical Dilemmas

Target Audience:

This seminar is aimed at a wide range of stakeholders, including:

- **Educators** (teachers, administrators, and education leaders) who will be directly impacted by the integration of AI in the classroom.
- **Policymakers** who are responsible for shaping regulations around AI in education.
- **AI developers** and **researchers** who design and implement AI technologies.
- **Students** who are the ultimate beneficiaries of AI-powered educational tools and who may also face the ethical implications of their use.
- **Ethicists** and **academics** specializing in technology ethics, educational philosophy, and law.

Outcomes of the Seminar

By the end of the seminar, participants will:

1. To develop a comprehensive understanding of the philosophical implications of AI in Education.
2. Be aware of the potential risks and benefits of AI in education, particularly regarding issues of equity, bias, and privacy.
3. To understand the evolving role of AI in the teacher-student relationship, recognizing both its potential to enhance personalized learning and the challenges it may pose to teacher-student rapport.
4. Evaluate how AI can transform curriculum design and pedagogy, enabling more adaptable, student-centered learning environments.
5. Have a clear understanding of the ethical challenges and considerations involved in the use of AI in educational settings.

6. Assess the ethical challenges of AI-driven student assessments, with a focus on fairness, transparency, and the preservation of academic integrity.
7. Build a Shared Vision for the Future of AI in Education

Guidelines for Paper Submission:

Papers must be received with complete information.

Language for the Paper – English (presentation can be done in Marathi & Hindi)

Paper Abstract: MS Word document, maximum of 500 words excluding references

Page Size: A4, Margins: 1" top, 1" bottom, 1.25" left, 1" right.

Font: Times New Roman Size-12, Headings-14 Bold, Spacing-1.5

Sub-theme: Font 14, Bold, Central alignment.

Title of the paper: Font 14, Bold, Central alignment.

Author/s, Designation, Institute: Right alignment, below title, italics.

References: APA style

Email Ids & Contact numbers: End of the paper, Font 12, Bold.

Full Papers: The length of the paper should be approximately 2500 words excluding references. Format as mentioned for the abstract.

Seminar Fees & Payment Mode: Registration fees 800/-

Demand Draft drawn on a nationalized bank payable by Bank draft in favour of MCT's College of Education & Research Airoli, Navi Mumbai.

Last Date for Registration, papers submission: 31st January 2025

Paper submission email Id – mctcoer@yahoo.co.in

Contact details- 9820290711, 9967657755, 9321526818

Organising committee

Patrons

Hon'ble, Shri Vilasraoji Deshmukh

Founder, Manjara Charitable Trust

Mr. Amit V. Deshmukh

Executive Trustee, Manjara Charitable Trust

Mrs. Aditi A. Deshmukh

Executive Trustee, Manjara Charitable Trust

Mr. Kaushal Paurana

CEO, MCT & VDF Foundation

Organising Secretary

Dr. Savita Sable

Principal, MCT'S College of Education & Research Airoli

Convenor

Dr. Pratima Sabde

Assistant Professor, MCT'S College of Education & Research Airoli

Organising committee

Dr. Jyotirmayee Nayak

Mrs. Bhavna Panchal

Mrs. Renu Singh

Mrs. Supriya Kasbe

Mr. Bharat Chaudhary

Mr. Raghav Kamble

