

Research & Development Cell
presents

Intelligent Futures: AI-Driven Innovations in Engineering, Sustainability, and Society

AVINYA 2026

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Student International Conference

25th March, 2026

celebrating the
National Science Day



About R&D Cell

About R&D Cell section: The Research & Development (R&D) Cell of MIT Academy of Engineering (MITAOE), Alandi, serves as a dynamic catalyst for innovation, scholarly excellence, and sustainable development. The institute has produced over 500 publications in reputed SCI/SCIE and Scopus-indexed journals, conferences, books, and book chapters, along with more than 200 registered and published IPRs. The R&D Cell actively mentors faculty and students in quality research writing, intellectual property protection, industrial consultancy, and technology transfer. Through structured guidance and institutional SEED funding, MITAOE nurtures impactful research aligned with the United Nations Sustainable Development Goals (SDGs), promoting solutions in energy, environment, smart systems, and societal advancement.

Vision Mission

- To be a new age learning center for holistic development of students into professional engineers, to cater to the changing needs of techno-society.
- Providing new age infrastructural facilities blended with skill-based curriculum and activity based pedagogical approaches to develop competitive engineering professionals to solve real world problems.
- Preparing students for lifelong learning by transforming educational practices.
- Promoting an ethical and moral values by involving students into community services.
- Inculcating an entrepreneurship and managerial skills by strengthening industry institute interaction.

Rules & Regulations

- Participants can select any one of the tracks.
- Abstract should contain max. 250 words.
- IEEE template should be used for full paper.
- Poster size should be 1 m X 1 m.
- Each paper can have 2-5 authors.
- Faculty (Guide) should be the corresponding author.
- The decision of the selection committee will be final.

Conference Tracks

Track 1: Artificial Intelligence, Machine Learning and Generative AI (Aligned with IndiaAI Mission, Responsible AI for All)

Track 2: Data Science, Big Data Analytics and Computational Intelligence (Aligned with Digital India, National Supercomputing Mission)

Track 3: Intelligent Robotics, Automation and Autonomous Systems (Aligned with Make in India, Industry 4.0, Atmanirbhar Bharat)

Track 4: Smart and Sustainable Energy Systems (Aligned with National Green Hydrogen Mission, Net-Zero Goals)

Track 5: IoT, Cyber-Physical Systems and Smart Infrastructure (Aligned with Smart Cities Mission, Digital India)

Track 6: Cybersecurity, Blockchain and Trustworthy Digital Systems (Aligned with National Cyber Security Strategy)

Track 7: Advanced Materials, Smart Manufacturing and Industry 4.0 (Aligned with India Semiconductor Mission, Make in India)

Track 8: Environmental Sustainability, Climate Action, Human Computer Interface and Circular Economy (Aligned with National Action Plan on Climate Change, SDGs)

Track 9: Healthcare Technologies, Biomedical Engineering and AI in Medicine (Aligned with Digital Health Mission, IndiaAI Healthcare Initiatives)

Track 10: Emerging Technologies for Future Society (Aligned with National Quantum Mission, Digital India, NEP 2020)

Special Track: IndiaAI Mission and AI for Viksit Bharat 2047

Kindly visit the link below for further details

<https://bit.ly/3OITeX8>

Abstract & Paper Submission

Kindly use the following link for abstract & paper submission



<https://bit.ly/4tysUt7>

Important Dates

Last Date of Full Paper Submission:

28th February 2026

Notification of Acceptance till:

15th March 2026

Camera ready Paper Submission

Deadline: 22nd March 2026

Conference Date

25th March, 2026

Paper Publication

Selected papers will be published in Scopus indexed journals (Additional charges will be applicable as per the terms and conditions of the specific journal).

Selected papers will be published in the book titled **"Intelligent Futures: AI-Driven Innovations in Engineering, Sustainability, and Society – Avinya 2026"** with the ISBN number.

Registration Fees

Registration Fees

500/-

for participation in this conference.

Organising Committee

Dr. Sunita Barve

Deputy Director Academics & Research
General Chair & Convenor

Dr. Pritam Kalos

Institute R&D Coordinator
Program Chair & Co-convenor

Dr. Sandeep Pande

Organising Chair

Dr. Mahesh Joshi

Mechanical Engineering

Dr. Vrushali Waghmare

E&TC Engineering

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Chemical Engineering

Dr. Ashish Itollikar

HES (SHES)

Dr. Vijay Muthekar

Civil Engineering

Ms. Debadrita Bhattacharyya

MITAOE School of Design

Dr. Sandip Thite

Computer Engineering

Dr. Khushal Khairnar

CSE-AIML

Dr. Sayalee Deshmukh

Computer Engineering

Mrs. Ritu Dudhmal

CSE-Data Science

Priyanka Nalawade

Software Engineering

For any queries, kindly contact

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About MITAOE

MIT Academy of Engineering (MITAOE), Alandi, Pune, was established in 1999 under MAEER by the honorable Prof. Dr. Vishwanath D. Karad, Founder and Executive President of MIT Group. The institute offers Seven UG programs (B.Tech & B.Des) and two PG programs (M.Tech). MITAOE is only the third institute in Pune which has been bestowed with 'academic autonomy' by the University Grants Commission (UGC) considering the quality of pedagogical practices, research, faculty and the state-of-the-art infrastructure that meets global standards.

The Savitribai Phule Pune University (SPPU) has honoured the institute with the 'Best Engineering College (Professional Courses) award. The institute has made its mark by excelling in academics and research and it continues to grow as a 'Centre of Excellence' in engineering education and research.

Academic autonomy opens the doors for excellence in education, research and administration. The best practices the institute is following is as follows.

- **Updated and contemporary syllabi; flexibility in updating as per industry needs**
- **Innovative approaches to teaching and learning; skill-based education**
- **Interdisciplinary approaches in academics and research**
- **Opportunities for collaborations with reputed foreign & national universities and companies**
- **Better placement opportunities Internships and scholarships for projects**
- **Guest lectures and training programs by eminent experts from academia and industry.**

MITAOE, as an autonomous engineering college in Pune strives to make a huge difference by creating winning personalities and catering to the all-round development of its students.