



International E-Symposium  
on

## Smart Manufacturing, AI & ML, Industry 5.0 and Sustainable Infrastructure & Energy for the Future 2025 (iSMILE 2025)

**Date**

**17 - 18 March 2025**

*Organize by*

**VPM's Maharshi Parashuram  
College of Engineering,  
Velneshwar (VPM's MPCOE)**

(AICTE & DTE Approved &  
Affiliated to University of Mumbai)  
Accredited by NAAC

*in Association With*

**Department of Mechanical  
Engineering,  
Dr. Babasaheb Ambedkar  
Technological University, Lonere**



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VPM's MPCOE, Velneshwar      DBATU Lonere

### Co-Convenors

**Dr. Raju Pawade**      **Mr. Avinash Pawar**  
Associate Prof., Mech. Dept.,      Vice-Principal,  
DBATU, Lonere      MPCOE, Velneshwar

### **About VPM's MPCOE**

VPM's Maharshi Parashuram College of Engineering, established in 2012, is a prestigious Institution located in the Konkan region of Maharashtra. It holds the distinction of being the youngest college in the region to receive accreditation from NAAC. The college has received several accolades, including the 'Pride of Nation for Most Admired Engineering College in Maharashtra' award from Asia Today and the 'Rest Engineering College In Maharashtra' recognition from Top CaHenn Media. Moreover, it holds ISO 9001:2015 and ISO 14001:2015 certifications for its quality management systems and environmental management practices. The institute is well-known for its full-time Bachelor of Engineering (B.E.) programs and offers a diverse range of engineering disciplines. Including Civil Engineering, Computer Engineering, Electrical Engineering, Electronics & Computer Engineering, Instrumentation Engineering, and Mechanical Engineering. With a dedicated faculty and staff, VPM's Maharshi Parashuram College of Engineering has consistently excelled in providing quality education and expertise to its students.

### **About Dept. of Mech. Engg., DBATU, Lonere**

The Department of Mechanical Engineering at Dr. Babasaheb Ambedkar Technological University (DBATU), established in 1992, offers a diverse range of academic programs, including B.Tech. in Mechanical Engineering, M.Tech. in Manufacturing Engineering and Thermal & Fluids Engineering, as well as full-time and part-time Ph.D. programs. Supported by highly qualified faculty from esteemed institutions like IITs and NITs, the department is equipped with cutting-edge research facilities. Committed to excellence in teaching, research, and industry collaboration, the department continues to shape professionals who contribute to the evolving needs of the engineering industry.



### **About Conference:**

The Conference aims to bring together leading experts from academia and industry to discuss cutting-edge advancements in smart technologies and sustainable solutions. The International E-Symposium iSMILE 2025 will serve as a global forum to explore the latest advancements, innovative approaches, and future trends in smart manufacturing, artificial intelligence (AI), machine learning (ML), and Industry 5.0. It will focus on the convergence of these technologies with sustainable infrastructure and energy systems to address current industrial challenges, boost productivity, and promote sustainability. The symposium aims to bring together researchers, academicians, industry experts, and policymakers to share knowledge, exchange ideas, and collaborate on solutions that shape the future of manufacturing and energy sectors in a rapidly evolving technological landscape.

### Publications

Publication of all peer reviewed and accepted papers in referred and Scopus/WoS/UGC CARE Indexed Journal.

Note: Additional Charges Applicable For Scopus/ Wos/ UGC CARE publication (T & C Apply)

## National & International Advisory Committee

Dr. Makrand Kane (Scibreak, Sweden)  
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### Organizing Secretary

#### **Mr. Rahul Kundiya**

(Head, Research Culture cell,  
VPM's MPCOE, Velneshwar)  
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### Conference Coordinators

#### **Mr. Gajanan Khapre**

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#### **Mr. Hrishikesh Bhawe**

(Asst. Professor, Dept. of Mechanical Engineering,  
VPM's MPCOE, Velneshwar)

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### Cash Prize will be given to best three papers

- 1st Prize: 5000/- INR
- 2nd Prize: 4000/- INR
- 3rd Prize: 3000/-INR



## Conference Themes

- Smart Manufacturing and Industry 5.0:
  - Intelligent production systems
  - Industrial Internet of Things (IIoT)
  - Robotics and automation in manufacturing
  - Modelling, simulation & optimization of manufacturing processes
- AI & ML:
  - AI-driven decision-making in industries
  - Predictive maintenance using AI/ML
  - Deep learning for industrial applications
  - AI with Natural Language Processing (NLP)
  - Optimization of manufacturing processes with ML
- Sustainable Infrastructure and Energy:
  - Renewable energy integration in industries
  - Smart infrastructure
  - Sustainable and Smart materials
  - Energy management systems in industrial settings

## Keynote Speakers



**Dr. Sreejith R.**  
PostDoc Researcher,  
University of South Florida,  
USA)



**Dr. Makarand Kane**  
Senior Design Engineer,  
Scibreak, Stockholm,  
Sweden)



**Dr. Deepika Koundal**  
(Senior Researcher,  
University of Eastern Finland,  
Finland)



**Dr. Jayakrishna Kandasamy**  
Senior Design Engineer,  
Scibreak, Stockholm,  
Sweden)

## Post Conference/Publication Queries

Email: [ismile2025@vpmpmcoe.org](mailto:ismile2025@vpmpmcoe.org)

Contact No.: +91 7972731446/+91 9422388648

## Important Dates

- **Full paper Submission Deadline:**  
-January 30, 2025
- **Notification of Acceptance:**  
-February 15, 2025
- **Camera-Ready Paper Submission Deadline:**  
-February 28, 2025
- **Registration Deadline:**  
-March 15, 2025

## Call for Papers

The original and unpublished research/review papers are invited for presentation in the conference. The papers received will undergo a review process from experts in the relevant areas.

**Participants Submit Abstract/Research Paper on [ismile2025@vpmpmcoe.org](mailto:ismile2025@vpmpmcoe.org)**

**Note:** Participants first submit Abstract/Research paper as given email id after receiving of acceptance then do the registration as on or before registration date.

**Registration Fees :**500 INR (Indian Author) and 30 USD (International Author)

**Registration Link:**

<https://forms.gle/NUxABedMoGExTu6z7>

**Click here to register**



**Manuscript Template :**<https://shorturl.at/vKKKd>

**Registration fee can be paid through online banking, NEFT/RTGS**

**For Payment Scan QR Code**



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