



**National Conference on  
Futuristic Trends in Engineering  
and Applied Sciences  
(NCFTEAS-2024)  
12-13 April, 2024**

Organized by



**Department of Mechanical, Electronics  
& Computer, Instrumentation, Civil,  
Electrical Engineering and Applied  
Sciences & Humanities**

**VPM's Maharshi Parshuram College of  
Engineering, Velneswar  
(AICTE Approved, UGC, NAAC Accredited)**

**Hedvi-Guhagar Road - 415729, Maharashtra,  
India**

**Scope of the Conference**

The National Conference on Futuristic Trends in Engineering and Applied Sciences serves as a dynamic platform for researchers, academicians, and industry professionals to converge and explore cutting-edge developments in diverse fields. Encompassing themes such as Design, Modelling, Simulation, Advanced Manufacturing, Electrical Vehicles, Artificial Intelligence, and more, the conference aims to foster interdisciplinary collaboration and unveil innovative solutions to current and future challenges. Attendees can anticipate engaging discussions, knowledge exchange, and the dissemination of groundbreaking research, propelling the boundaries of technology and applied sciences towards a sustainable and progressive future.

**Conference Themes**

The conference will include the following themes but will not be limited to

- Design, Modelling, Simulation and Optimization
- Advanced Manufacturing Techniques and materials
- Thermal and Fluid Engineering
- Electrical vehicles and Power Electronics
- Advanced Control System
- Power Quality and Smart Grid
- Energy Conservation
- Internet of Things
- Artificial Intelligence and Machine Learning
- Blockchain Technology
- Deep learning and NLP
- VLSI and Embedded System
- Geotechnical and Geo-environmental Engineering
- Construction Engineering and Smart infrastructure
- Environment and sustainable
- Applied sciences & Mathematics

**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The original and unpublished research/review papers are invited for presentation in the conference.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.

The template for preparing the full-length paper is available on the link: <https://shorturl.at/osGNR>

Camera ready papers may please be submitted to <https://forms.gle/NQroH5ZPDqKK1UHU9>

**Important Dates**

Full paper submission	17th Mar. 2024
Paper acceptance notification	20th Mar. 2024
Revised submission and Early bird registration	31th Mar. 2024
Final registration and submission	07th Apr. 2024

**Registration Form**

<https://forms.gle/SS7zYrcrfyzbWDH6>

**Registration Fees**

**Registration fees: 500/- INR**

**QR Code for Payment**



### Mode of Payment

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

Name of Account: VPM's Maharshi Parshuram College of Engineering, Velneshwar

Bank Name: Union Bank of India

Account No: 419701010230110, IFSC Code: UBIN0541974

### About MPCOE

VPM's Maharshi Parshuram 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 "Best Engineering College in Maharashtra" recognition from TopGallentt 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 Parshuram College of Engineering has consistently excelled in providing quality education and expertise to its students.

### Keynote Speakers

Dr. Jayakrishna Kandasamy (VIT, Vellore)

Mr. Shivam Yadav (Clemson University, USA)

Dr. Rajendra Kulkarni (Ex BARC Scientific Officer)

### Publications

Special issue in Indian Journal of Technical Education, ISTE (UGC Care Group 1) (The selected papers from this conference shall be considered for publication with applicable fees) **Applicable fees: 3000 INR APC Charges.**

The paper which are not selected in above listed journal will be published in form of Book Chapters/Conference Proceedings after getting consent from the authors.

### Accommodations

Participants are required to make their own arrangements for travel and stay at MPCOE Campus. However, assistance may be provided for accommodation booking if required.

Contact No. +91 7903566765

### Conference will be conducted in Hybrid Mode

#### What's New !

Best paper presentation award will be given to the most outstanding presentation presented by participant.

Best session award will be given to a selected participant for a particular session.

### Organizing Council

#### **Patrons:**

Dr. Vijay Bedekar, Chairmen, VPM, Thane

Dr. Sudhakar Agarkar, Board Member, VPM Thane

#### **Conference Chair:**

Dr. Narendra Soni, Principal, VPM's MPCOE, Velneshwar

Mr. Avinash Pawar, Vice-Principal, VPM's MPCOE, Velneshwar

#### **Program Committee**

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### Organizing Committee

Mr. Rahul Kundiya, Dept. of Mechanical Engg., MPCOE  
[rahul.kundiya@vpmmmpcoe.org](mailto:rahul.kundiya@vpmmmpcoe.org) & (+917972731446)

Mrs. Bhakti Ghorpade, Dept. of Civil Engg., MPCOE  
[bhakti.ghorpade@vpmmmpcoe.org](mailto:bhakti.ghorpade@vpmmmpcoe.org) & (+917447644272)

Mrs. Priyanka Nikam, Dept. of E&Comp. Engg., MPCOE  
[priyanka.nikam@vpmmmpcoe.org](mailto:priyanka.nikam@vpmmmpcoe.org) & (+917719939341)

Mr. Kunal Kishor, Dept. of Instrumentation Engg., MPCOE  
[kunal.kishor@vpmmmpcoe.org](mailto:kunal.kishor@vpmmmpcoe.org) & (+917903566765)

Ms. Minal Sathe, Dept. of Electrical Engg., MPCOE  
[minal.sathe@vpmmmpcoe.org](mailto:minal.sathe@vpmmmpcoe.org) & (+919420906576)

Mr. Arun Sargar, Dept. of ASH, MPCOE  
[arun.sargar@vpmmmpcoe.org](mailto:arun.sargar@vpmmmpcoe.org) & (+919096795087)