

ABOUT FDP

The course aims to provide participants with a comprehensive understanding of innovations in design, materials and cutting edge manufacturing techniques. This FDP will explore the transformative role of emerging materials, innovative design principles, and advanced manufacturing techniques in shaping modern engineering practices. Key focus areas include design, high-performance materials, additive manufacturing, sustainable design strategies, and the integration of digital technologies like AI and ML in above mentioned sector. By fostering knowledge exchange and practical insights, the program intends to empower educators and researchers to prepare students for the challenges and opportunities of Industry 4.0 and beyond.

REGISTRATION

Open for faculty members, research scholars, and postgraduate students. Industry professionals and scientists from R&D labs.

Registration Link:

<https://forms.gle/KnV6PENJDZhptBhZA>

or

Scan QR Code



Note: Entry is restricted up to 100 participants.

For Registration queries contact:

Dr. S. S. Lahane, Asst. Prof., MMCOE, Pune

Email: swapnillahane@mmcoe.edu.in

Mob.: 9665407310

No Registration Fee

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Hon. Shri. B. G. Jadhav, Executive President
Hon. Shri. K. H. Mungle, Secretary

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Principal, MMCOE, Pune

Dr. K. R. Patil
Vice-Principal, (Academics), MMCOE, Pune

Mrs. S. N. Deshmukh
Vice-Principal, (Administration), MMCOE, Pune

CONVENER

Dr. V. R. Deulgaonkar,
HOD, Mechanical Engineering

COORDINATOR

Dr. P. V. Bansod, Dr. M. D. Joshi, Dr. S. S. Lahane
Assistant Professor, Mechanical Engineering

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'येथे बहुतांचे हित ।'

Marathwada Mitramandal's COLLEGE OF ENGINEERING

Karvenagar, Pune - 411052

An Autonomous Institute

Accredited with 'A++' Grade by NAAC
Permanently Affiliated to SPPU
Recipient of 'Best College Award 2019' by SPPU
Accredited by National Board of Accreditation (NBA)
Recognized under section 2(f) and 12B of UGC Act 1956



Department of Mechanical Engineering

Organizes

5 Days Faculty Development Programme on

NEXT GENERATION ENGINEERING PRACTICES: MATERIALS, DESIGN AND MANUFACTURING

27th January, 2025 - 31st January, 2025
(Online Mode)



Sr. No. 18, Plot No. 5/3, CTS No. 205,
Behind Vandevi Temple, Karvenagar, Pune - 411052
Website : www.mmcoe.edu.in

ABOUT MARATHWADA MITRAMANDAL

The trust "Marathwada Mitramandal, Pune" was established in 1967 by Hon. Late Shri. Shankarraoji Chavan, Former Home Minister, Govt. of India as the "Founder President". The trust had started its activity with the objective of providing hostel or similar accommodation in Pune to the students. This trust is established through the inspiration of socially and educationally charged personalities, with motto "Welfare of Masses". Mass education, co education and dedication towards overall development of the region are watchwords of the trust. At its various educational campuses, the trust has created excellent facilities of education catering to Architecture, Interior Design, Management, Law, Commerce, Pharmacy, Engineering, etc, which provide excellent education to about 15,000+ students.

ABOUT MARATHWADA MITRAMANDAL'S COLLEGE OF ENGINEERING

MMCOE has been recognized as the BEST COLLEGE by SPPU. MMCOE is one feather in the cap of Marathwada Mitramandal Pune, from the academic year 2006-2007. As an autonomous institute, we offers six engineering programs (Computer, Electrical, E&TC, Information Technology, Mechanical and AI&DS), six PG Programs as well as PhD Research Center in Computer Engineering. It houses 2500+ students and 200 staff members. Along with the focus on core academics, college also takes care of overall personality development of the students. The college has an active robotics cell, NSS, NCC, Training and Placement cell, Entrepreneurship development cell, Foundation for MAKE IT HAPPEN Center for Invention Innovation Incubation (FMCIII) etc. The students are motivated to actively participate in co-curricular and extracurricular activities.

They have brought many laurels to the Institute in the events such as Smart India Hackathon, SAEINDIA (BAJA, Supra and Effi-cycle) Gokart, ROBOCON etc.

ABOUT DEPARTMENT

Department of Mechanical Engineering at MMCOE is one of the best departments in Pune Accredited by NBA. Started in 2006, we persistently seek and adopt innovative techniques to improve the quality of education and strongly believe in outcome-based education philosophy. The department has got a team of highly qualified faculty members, many holding Ph.Ds from the elite institutes. Mechanical engineering department has an intake of 120 seats at UG, 6 at PG level and 30 for working professionals. In addition to enriched academics, we impart industry demanded skills from time to time. Skill development program in our department is one of the most unique activities. Technical, professional, social, interpersonal aspects of student personality are some of the key attributes that are honed at our department. Excellent curricular, co-curricular, extra-curricular and extension activities are our performance indicators. Practical attributes such as problem solving, design & development, investigation of complex problems, usage of contemporary (modern) tools, excellent communication, team and individual work, finance & project management, societal aspects and ethics are imparted through different activities at department. Experiential learning, life-skills needed in today's globalized society are imparted through several means as internships, industry projects and professional chapters. Student chapters as SAEINDIA (BAJA, Supra and Effi-cycle) ISHRAE, ASHRAE, IE(I), ISTE etc.

RESOURCE PERSONS

- ◆ Dr. Milind Ambardekar, Consultant, Optimum Vibrations & Noise, Pune
- ◆ Dr. Shailesh Kundalwal, Professor, IIT Indore
- ◆ Dr. Rahul Jain, Associate Professor, IIT Bhilai
- ◆ Dr. Dipen Kumar Rajak, Scientist, CSIR-AMPRI Bhopal
- ◆ Dr. Vijay Choyal, Assistant Professor, NIT Warangal
- ◆ Dr. Amrut Muley, Assistant Professor, SVNIT Surat
- ◆ Dr. Simanchal Kar, Assistant Professor, NIT Silchar
- ◆ Dr. N. R. Kotkonde, Associate Professor, BITS Pilani, Hyderabad Campus
- ◆ Dr. V. S. Kathavate, Assistant Professor, MITWPU, Pune
- ◆ Mr. Krishnat Patil, Staff Engineer Whole Engine Design, Rolls Royce, Singapore
- ◆ Dr. Akash Shrivastava, IIoT and PdM Professional, Petasense, Hyderabad
- ◆ Dr. Sachin Wanare, Lead Design Engineer, Thermax Ltd., Pune

CERTIFICATION

- ◆ 80 % Attendance is mandatory.
- ◆ Performance in Online Quiz that will be conducted on the last day of the FDP.
- ◆ Submission of feedback is mandatory for all sessions.

