

Patrons

Hon'ble Dr. Subir Kumar Banerjee
*Founder President & Trustee, NYSS,
Airoli*

Hon'ble Mrs. Suvra Banerjee
*Former President & Trustee, NYSS,
Airoli*

Hon'ble Mrs. Gauri Bhattacharya
President, NYSS, Airoli

Hon'ble Dr. Rituparna Banerjee
Secretary, NYSS, Airoli

Hon'ble Shri. Sreejit Bhattacharya
Treasurer, NYSS, Airoli

Dr. P. A. Dode
Principal (DMCE)

RESOURCE PERSON

Dr. Kiran Bhole
(Dean Research & Development, SPCE)

Dr. Siddappa S. Bhusnoor
(Professor, K.J. Somaiya College of Engineering)

Dr. Anand Kulkarni
(Global Head of Automation, Randstad Enterprise| UK)

Dr. Sachin Chavan
(Vice principal , Bharti Vidyapeeth College of engineering Pune)

Dr. Geetanjali .Patil
(Head of Management and Commerce , S-VYASA, Deemed University)

Dr. Chandra Sen Mazumdar
(Associate Professor, Ramaiah university of Applied sciences, Bangalore)

Dr. K. M. Akkoli
(Dean Research & Development, Hirasugar Institute of Technology)

Dr. Sanjeevkumar. V. Khandal
(Registrar SWVSMs Warana University Warananagar, Kolhapur)

Mr. Vivek Dahake
(Vice president - Business Excellence , Triveni Turbines, Bangalore)



DATTA MEGHE COLLEGE OF ENGINEERING

(Recognized by AICTE, DTE, Govt of
Maharashtra & Affiliated To University of
Mumbai) NAAC (Cycle 2) 'A' Grade Accredited,
NBA accredited (Chemical Engg. & Civil Engg.)

PRESENTS

One Week

Faculty Development Program
on

**“Emerging Technologies for Industry
5.0”**

24th February-3rd March 2025

Dr. Usha Pawar
Convenor & Head

Department of Mechanical Engineering

Co-ordinator
Prof. Radha Singh

Organized
By

Department of Mechanical Engineering

About the Institute

Datta Meghe College of Engineering was founded in the year 1988 to promote professional education and prepare the students for leadership in their profession and society. The institute is approved by All India Council for Technical Education (AICTE), recognized by Directorate of Technical Education, Govt. of Maharashtra and affiliated to the University of Mumbai. The Institute is accredited by National Assessment and Accreditation Council (NAAC) with grade 'A'.

Civil and Chemical department are accredited by NBA. The institute boasts of having one of the largest intakes of students at U.G. level in the University of Mumbai. It conducts undergraduate courses, namely in- Civil Engineering, Electronics Engineering, Computer Engineering, Artificial Intelligence and Data Science, Mechanical Engineering, Information Chemical Engineering, Technology, Civil and Infrastructure Engineering, and also PG programs in Civil (Structural Engineering), Computer Engineering, Mechanical Engineering (CAD-CAM and Robotics), Electronics & Telecommunication Engineering. The institute is the recognized Research Center of the University of Mumbai for Ph.D. (Technology) program in Electronics Engineering, Civil Engineering, Computer Engineering and Mechanical Engineering.

Institute Vision

To create values-based technocrats to fit in the world of work and research.

Institute Mission

- To adopt the best engineering practices
- To empower students to work in the world of technology and research.
- To create competent human beings

About Department of Mechanical Engineering

The Department of Mechanical engineering is established in 1993. Department offers B.E. course in Mechanical Engineering. Department started M.E. Program in CAD/CAM and Robotics with the intake of 18 students in 2011. Again, in subsequent year Department has started Ph.D. Programme with the intake of 10.

Department aims at preparing students with a sound engineering knowledge and a multi-disciplinary approach, imparting high quality and industry oriented curriculum. To accomplish this, Department organizes large number of co-curricular and extracurricular activities such as industrial visits, design & poster competitions, technical paper presentations, guest lectures on recent trends in mechanical engineering, soft skills etc. The Department is associated with 3 major professional student chapters viz. SAE (Society of Automotive Engineers), ISHRAE (Indian society of Heating, refrigerating and air conditioning Engineers) and ASHRAE (American society of Heating, refrigerating and air conditioning Engineers) which help students to build their technical as well as professional skills and add value in the process of acquiring knowledge.

Department Vision

“To endure viable mechanical engineering education that generates self-sufficient and motivated engineers with abiding aspiration to serve the country with universal affinity”.

Department Mission

M1: To deliver capable and creative mechanical engineering graduates of global standards through classroom teaching and laboratory practices.

M2: To ensure that students are equipped with entrepreneurial leadership, communication skills and ethical values required for engineering professional and society.

M3: To establish hubs of excellence in evolving areas of mechanical engineering directing to enrich R & D activities.

Program Schedule

Duration: 24th February - 3rd March 2025

Session 1 : 11:00 am- 1:00 pm

Session 2 : 3:00 pm - 5:00 pm

ORGANIZING COMMITTEE

Dr. Usha Pawar (Convenor and Head)

Prof. Radha Singh (Co-Ordinator)

MEMBERS

Prof. Onkar G. Sonare

Prof. Anand P. Joshi

Prof. R. R. Shekapure

Prof. Sarika V. Lugde

Prof. Pankaj D. Rathod

Prof. Surendra Rathod

Prof. Nilesh L. Shinde

Prof. Amol Ghude

Prof. Bhavna M. Ingole

Prof. Puneet Kumar Gupta

Prof. Mrunali Yadav

Prof. Trupti Navathale

OBJECTIVES OF FDP

1. This FDP intends to explore the emerging technological trend towards Industry 5.0.
2. This FDP will be strengthening collaboration between academia and industry for future research, development and innovation.
3. This FDP aims to understand the impact of emerging technologies such as AI, IoT, and robotics in the various industrial processes

PROGRAM EDUCATIONAL OBJECTIVES

1. To impart basic and advanced concepts of engineering & technology, design analysis and implementation skills to innovate the system in Mechanical engineering at large.
2. To develop social awareness among the students related to engineering ethics and human values.
3. To initiate the entrepreneurial activities and leadership qualities to become professional mechanical engineers leading to a successful career.

TARGET AUDIENCE

Faculty from Engineering / MCA college / PG Student /
Research Scholar/ Industry Professionals



MODE OF FDP: ONLINE
PLATFORM: GOOGLE MEET

CONTACT

Prof. Radha Singh
Mobile No: 9769356960

Registration Link

<https://forms.gle/qeA147d7nttfHtsAA>



**Scan to Register
for FDP!**

*E-certificates will be given to the participants
after successful completion of FDP*

Registration Fee: Nil