



Maharashtra Academy of Engineering & Education Research

# MIT College of Engineering, Pune Department of Mechanical Engineering

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## Yantra Varta यंत्र वार्ता

### Our Inspiration



**Hon'ble Prof. Dr. V. D. Karad**  
Founder, Executive President and  
Managing Trustee MAEER'S MIT  
Group of Institute Pune, India



**Prof. Mangesh Karad**  
Executive Director  
MITCOE, Pune

**Bulletin : 2012 – 13**

#### **Vision**

To be one of the leading departments disseminating globally acceptable, effective education & industrial training with relevant research output.

#### **Mission**

To create dexterous mechanical engineering professionals to meet global technological challenge through research and innovation for the benefit of society.



### **Editorial Committee**

Prof. Dr. B. S. Kothavale

Prof. A. R. Nadgire

## Student Achievements



Unik Rhangadale in Firodiya karandak, SEDT, 23/07/12  
Developed the acting skills and come out as winner.

MITCOE CHESS team finished 6th out of 42 other colleges in the university matches held in July 2012. Ajay Hotkar and Adarsh Tatiya were the team members from our dept.

Saurabh Jain and group got 1<sup>st</sup> Price in Acceleration organized by SAE.



Akshay Walimbe, Sahil Gulhane, Akash Chaudhari, Rahul Shah, Nikhil Saggam, Shrejit Jadhav won 1<sup>st</sup> price in SUPRA for BEST DESIGN organized by SAE.



Preeti Narayanan, Pratiksha Bhopale As a team members in Throwball, Winning team.

Taher Poonawala: 3rd place in Line tracer in V.I.I.T's Perception-13.

Mir Asad Abbas Razvi Re-presented Maharashtra in 'Senior Soft Tennis Championships' in June 2012 and Won:

1) **Gold Medal in team**

2) **Silver Medal in individual doubles.**

Nikhil Jogdeo: Presented a Technical paper in "Refrigeration system usage in air-conditioning and refrigeration mode" approved by ASME, at ASME Summer heat transfer conference 2012, Puerto Rico, USA

**Contrapt-o-mania, "TESLA 2013" winners:**

- 1) Tejal Singrol
- 2) Jayant Pawar
- 3) Siddharth Sanghvi
- 4) Yogesh Girase
- 5) Amit Magdum

**Internship at FORCE MOTORS:**

- 1) Kirti Changedia
- 2) Faye Paes

## Faculty Achievements

Prof. S. V. Dingare received Ph.D. from University of Pune, Pune.

Dr. B. S. Kothavale has published research paper entitled 'Experimental Investigation of the Effects of Combustion Hydrogen and Diesel Combustion on the Emission of Diesel Engine' in Journal of Advances in Science and Technology.

Prof. G. J. Narwade participated in two-week ISTE Workshop on 'Introduction to Research Methodologies' conducted by Indian Institute of Technology Bombay, during 25<sup>th</sup> June - 04<sup>th</sup> July 2012.

Prof. S. P. Wadkar has participated in two-week ISTE Workshop on 'Computational Fluid Dynamics' conducted by Indian Institute of Technology Bombay, during 12<sup>th</sup> - 22<sup>nd</sup> June 2012.

Prof. S. H. Barhatte has attended one-week Faculty Development Program on 'Advances in Heat Exchanger Technology (AHET 2013)' under TEQUIP-II at Singhad College of Engineering, Pune, during 08<sup>th</sup> - 12<sup>th</sup> April 2013.

Prof. S. B. Girase has participated in national level workshop on 'Recent Trends in Industrial Tribology' organized by Maharashtra Institute of Technology, Pune, in association with Tribology Society of India, on 20<sup>th</sup> March 2013.

Prof. P. R. Mahale has presented paper entitled 'Observation of Acoustic Emission Activity on Gear' in 4<sup>th</sup> National Level Technical Paper Presentation "Futurizm'13" organized by PDEA's College of Engineering, Pune, on 2<sup>nd</sup> Feb 2013.



Prof. P. R. Mahale has attended workshop on 'Teaching Methodology and Examination Pattern of Engineering Graphics – I (FE-2012 Course)' under BCUD, organized by M. M. College of Engineering, Pune, on 31<sup>st</sup> July 2013.

Prof. S. P. Shisode has attended workshop on 'Teaching Methodology and Examination Pattern of Engineering Graphics – I (FE-2012 Course)' under BCUD, organized by M. M. College of Engineering, Pune, on 31<sup>st</sup> July 2013.

Dr. S. V. Dingare has participated and presented paper titled 'Low Pressure Steam Generation by Solar Energy with Fresnel Lens' in 2<sup>nd</sup> International Conference on 'Emerging Trends in Engineering (ICETE-2013)' at Dr. J. J. Magdum College of Engineering, Jaysingpur, on 22<sup>nd</sup> – 23<sup>rd</sup> Feb 2013.

Dr. S. V. Dingare has participated and presented paper entitled 'Heat Pipe Waste Recovery Device: A Review' in 'National Conference on Emerging Trends in Engineering, Technology and Architecture' at D. Y. Patil College of Engineering and Technology, Kolhapur, on 29<sup>th</sup> Jan 2013.

Prof. P. R. Mahale has attended 'National Conference on Recent Trends in Mechanical Engineering' at S. R. E. S. College of Engineering, Kopergaon, and presented paper on 25<sup>th</sup> march 2013.

Prof. S. D. Nimbalkar has attended a seminar on 'Orientation to Entrepreneurship Education Program' organized by NEN Education, at MIT College of Engineering, pune, on 14<sup>th</sup> July 2012.

Prof. S. V. Dingare participated in two-week ISTE Workshop on 'Computational Fluid Dynamics' conducted by Indian Institute of Technology Bombay, during 12<sup>th</sup> to 22<sup>nd</sup> June 2012.

Prof. S. V. Dingare participated in one-day FDP on 'Intelligent Mechanical Systems' organized by MIT College of Engineering, on 05<sup>th</sup> Dec 2012.

Prof. Anekar Nitinkumer Raghunath has completed a workshop on "High Impact Teaching Skills" under Mission 10X.

Prof. S. G. Thorat completed certificate course on "Application Of MATLAB and Simulink for Engineers", conducted by Department of Mechanical Engineering, COEP, Pune.

Prof. Dr S. V. Dingare attended one week faculty development program on "Advances in Heat Exchanger Technology", under Technical Education Quality Improvement Program held at Department of Mechanical Engineering, Shingad Collage of Engineering Pune.

Prof. N. R. Anekar and Prof. S. D. Nimbalkar completed one week faculty development program on "Advances In Fault Dignosis Of Rotating Machines and Fluid Film Bearing". Held at VJTI, Mumbai.

Prof. V. S. Kanthale participated in three days workshop on "Advances in Analysis, Measurement and Control of Noise, Vibration and Harshness."

## Guest Lectures and Workshop



Mechanical Engineering Dept of MIT College of Engineering Pune, organized a two day workshop on MasterCAM on 2<sup>nd</sup> - 3<sup>rd</sup> Aug, 2012 in association with Onward Technologies Ltd.

The workshop was intended for final year students of Mechanical Engineering and faculties handling the subject "CAD/CAM Automation". All the participants got expert guidance on curriculum of the subject through theory and practical sessions, using live exercises and hands on experience on MASTER CAM software.

Mechanical Engineering Dept of MIT College of Engineering Pune, organized Entrepreneurship Orientation Program on 10<sup>th</sup> Aug, 2012 in association with National Entrepreneurship Network (NEN)

In an effort to produce conducive environment for entrepreneurship inside the college, Entrepreneurship Development Cell has been established in MITCOE. The aim is to generate awareness among students about Entrepreneurship and to develop their mindset to make them the Entrepreneurs of tomorrow. EDC plans to conduct many such programs for students and faculty members throughout the year.



Elif Dogor from New York University, Polytechnic Institute conduct the lecture on **“Carrier Options in New York University, Polytechnic Institute”**.



Suhas S. Gadekar conduct the expert lecture on 9th Aug, 2012 For final year students.

Prof. Nathaji Shedke conduct the expert lecture on 28<sup>th</sup> Aug, 2012 For ME students.

Mr. Milind Futane conduct the expert lecture on 14th Sept, 12 For TE and BE students on the topic “Reverse Engineering”.



Abhishek Baradhankar conduct the expert lecture on **“Carrier Counselling for Final Year Students”**.



Dr. S. V. Joshi Principal D. Y. Patil College of Engineering Nigdi Pune conduct the expert lecture on **“Presentation and preparation of ME Seminar report and Project report”**.



Teacher Parent Meet (7<sup>th</sup> Sept 2012, 15<sup>th</sup> Mar 2013)



Guest Lecture on Power Plant Engineering was conducted by Mr. S. B. Bandekar for the final year students.





## New Facilities Developed

### Workshop Inauguration

A new workshop facility having the Machine shop, Carpentry shop, Tin smithy and Welding shop has been setup and is inaugurated by Prof. Dr. Mangesh T Karad, Director, MITCOE on 19th Dec 2012.



## Training and Placement

### Hearty Congratulations to all Mech students placed in 2012-13

Department of Mechanical Engineering takes pride in congratulating all the students who have been placed in various top notch companies.

#### **Eaton Technologies Pvt. Ltd**

Saggam Nikhil Kishor  
Kotkar Sayali Atul

#### **Tata Technolgies Ltd**

Katti Ashutosh Anand  
Parlikar Aniruddha Venkatesh  
Pawar Ranjit Lalaso  
Shaha Rahul Popat  
Sonawane Deepak Nilkanth  
Chaudhari Akash Ajay

#### **Thermax Ltd**

More Ruchi Sunil

#### **Mu Sigma Business Solutions Pvt Ltd.**

Pathak Rajan Parbhat

#### **Mahindra 2 Whillers Ltd.**

Khedekar Karan Vijay  
Hirulkar Ajinkay Arun  
Medhekar Aditya Rajendra  
Ramapure Rajashri Rajendra

#### **General Motors India Pvt. Ltd.**

Kulkarni Minu Anand

## Industrial Visits

Industrial visit was organized for final year students for Energy Audit, at University of Pune, Pune.



Industrial visit was organized for second year students for the subject Applied Thermodynamics at **Malegaon Sugar Factory, Baramati, Pune.**



Industrial visit to Warje Pumping station, Kothrud, Pune for third year students.

Industrial visit was organized for third year students for the subject Metrology and Quality control at **Accurate Gauges Pvt. Ltd, Saswad (15th Feb 2013).**



Visit to Pawana Hydro-Electric Power station (BE-Mechanical, 1st March 2013)