



॥ इतिहासं सद्गुरुं परित्यज्य न सिद्धिः ॥

Prerana Pratishthan's

## UNIVERSAL COLLEGE OF ENGINEERING & RESEARCH

S. No. 430, Sasewadi, Near Katraj New Tunnel, Tal. Bhor, District Pune 412 205

Phone: - 9922559853 / 9011414158

Web-Site: - www.ucoer.edu.in

**COLLEGE CODE: 6625**

### DEPARTMENT OF MECHANICAL ENGINEERING

#### UNIVERSAL COLLEGE OF ENGINEERING & RESEARCH

Prerana Pratishthan was established in 2006 with the aim to start educational activities for the development of technical student community. Pune being Educational Capital of India since a long has developed to a great extent in educational field where many big software & other industries have set-up their offices. Hence to provide this industry Prerna Pratishthan has developed the well-educated & technically sound personnel. Prerana always values quality and thus has hired well educated, experienced and dedicated faculty and created latest Technological Laboratories, strong Library with latest domestic as well as international publishes subscribed.

#### MECHANICAL ENGINEERING DEPARTMENT

Welcome to the Department of Mechanical Engineering of Universal College of Engineering & Research. It gives me immense pleasure to lead the Department of Mechanical Engineering. The Department is established in the year 2011-12 and offers undergraduate program (B.E.) in Mechanical Engineering. 644 UG students are pursuing graduation in mechanical engineering respectively in this academic year. Department has established 'Mechanical Engineering Students Association (MESA)' for giving scope for the hidden potentials existing amongst the budding mechanical engineers.

Mechanical Engineering is one of the fundamental branches of engineering. It has got dominance in every aspect of our life. Aircraft and Ship-building, Automobiles, Trains, Power plant engineering, Dentistry, Surgical equipments, Defense sector etc. are some of the highlighted areas for instance. Hence, the demand of mechanical engineers is ever-rising.

#### ADDRESS OF INSTITUTE:

Universal College of Engineering & Research, Sasewadi, Near Katraj New Tunnel, Shindewadi, Pune



Navale Bridge to UCOER



Katraj to UCOER



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### DEPARTMENT OF MECHANICAL ENGINEERING

#### FACULTY PROFILE

	
<b>Mr. S. M. Alage M. Tech (M/C Design)</b>	<b>Mr. S. R. Kulkarni M.E.(MFG)</b>
	
<b>Mr. N.G Achwalkar M.E. (CAD)</b>	<b>Ms. S. A. Patil M.E. (CAD/CAM)</b>
	
<b>Mr. S. G. Khomane M.E. (Heat Power)</b>	<b>Mr. A. M. Panchal M.Tech (Thermal engg)</b>
	
<b>Mr. S.R.Sawant, M. Tech. (Hydro-Power)</b>	<b>Mr. S. B. lande M.E. (Design Engg.)</b>



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<b>Ms. S. S. Mantati M.E. (Design Engg.)</b>	<b>Mr. N. B. Surwase M.E. (Design Engg.)</b>
	
<b>Mr. S.S.Sable M.E. (Design Engg.)</b>	<b>Mr. C. M. Kamble M.E. (Design Engg.)</b>
	
<b>Mr. T. S. Shahane M.E. (Design Engg.)</b>	<b>Mr. E. K. Rathod M.E. (Heat Power)</b>
	
<b>Mrs. S. S. Lawand M.E. (CAD/CAM/CAE)</b>	<b>Mr. K. R. Bhore M.E. (Heat Power)</b>



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<b>Mr. B. N. Payagude (DME)</b>	<b>Mr. M. M. Kundap (DME)</b>
	
<b>Mr. Y. M. Nikam (Hardware Networking)</b>	<b>Mr. K. S. Pangare ITI (MMV)(NCTVT)</b>
	
<b>Mr. N. D. Nalawade ITI NCVT (Pattern Maker)</b>	<b>Mr. G. M. Raut ITI NCVT (Welder)</b>
	
<b>Mr. K. G. Jadhav ITI NCVT (Machinist)</b>	<b>Mr. S. G. Kshirsagar ITI NCVT (carpenter)</b>



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### DEPARTMENT OF MECHANICAL ENGINEERING

## OUTCOME BASED EDUCATION

With an aim of making the technical students the department has started Outcome Based Education where the students will be getting lecture notes, presentation and videos for more effective learning skills. The Workshop was inaugurated by Dr. N. R. Karmalkar sir, Hon'ble Vice Chancellor, Savitribai Phule Pune University.





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**DEPARTMENT OF MECHANICAL ENGINEERING**

### **MEMORANDUM OF UNDERSTANDING**



**MoU with CADD Centre, Pune**



**MoU with SM Engineering & Consultancy Services, Sinhagad Road, Pune.,**



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### DEPARTMENT OF MECHANICAL ENGINEERING

#### LABORATORIES OF DEPARTMENT OF MECHANICAL ENGINEERING

CAD/CAM Lab

Basic Mechanical Engineering Lab

Material Science Lab

Strength of Materials Lab

Hydraulic & Pneumatics Lab

Mechanical Workshop

Thermodynamics Lab

Fluid Mechanics Lab

Theory of Machines Lab

Mechatronics Lab

Turbo Machines Lab

Heat Transfer Lab

Refrigeration & Air Conditioning

Metrology and Quality Control Lab

Applied Thermodynamics Lab

Dynamics of Machinery Lab





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### DEPARTMENT OF MECHANICAL ENGINEERING

#### UNIVERSAL INSTITUTES INFRA-STRUCTURE



**Corporate Office**



**UCOER College**



**Central Library**



**Conference Hall**



**Computer Lab**



**College Canteen**



**UCOER - Hostel**



**UCOER - Play Ground**







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### DEPARTMENT OF MECHANICAL ENGINEERING

## TREE PLANTATION - WORLD FOREST DAY





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### DEPARTMENT OF MECHANICAL ENGINEERING

#### MECHANICAL ENGINEERING STUDENTS ASSOCIATION - MESA ACTIVITIES





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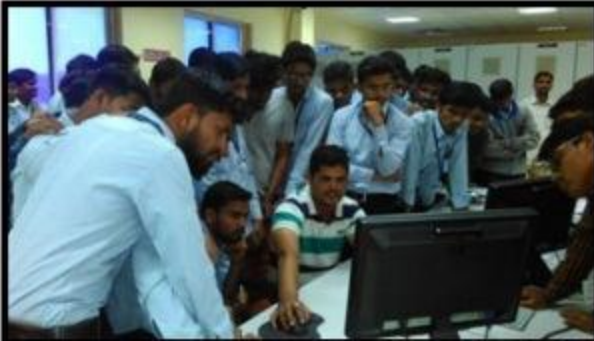
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### DEPARTMENT OF MECHANICAL ENGINEERING

## GLIMPSES OF INDUSTRIAL VISIT





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### DEPARTMENT OF MECHANICAL ENGINEERING

## GLIMPSES OF EXPERT LECTURES

