

# MET'S IOE MECHANICAL ENGINEERING NEWSLETTER

<https://metbkcengg.ac.in/mechanical-engineering/>



March, 2026



## Vision

To become the center of excellence in Mechanical Engineering discipline with strong research and application based teaching beneficial to contribute well being of industry and society.

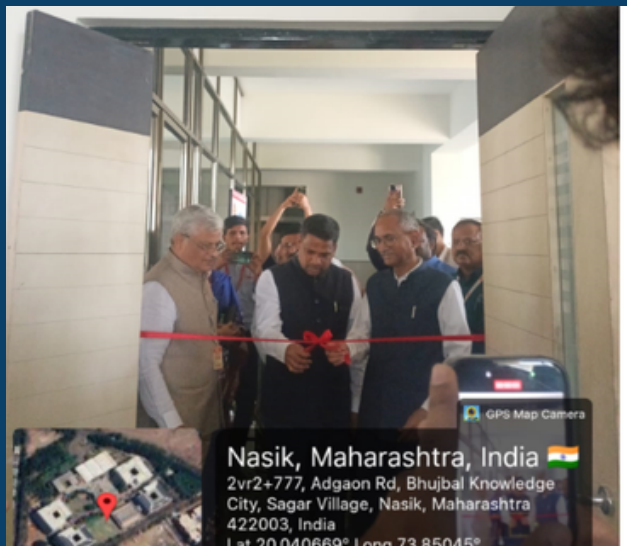
## Department's Growth & Success



## Mission

- Imparting quality education in mechanical engineering with a focus on practical skills and emerging technologies.
- Strengthening research culture using recent tools to address real-world industry and societal challenges.
- Developing industry-ready professionals with ethical and human values through hands-on training, internships, and collaborative projects.
- Contributing to societal and industrial growth by promoting sustainable engineering solutions and innovation.

# IDEA Lab Inauguration



AICTE IDEA Lab inaugurated by Prof. Sunil Bhirud, Vice-Chancellor, COEP Technological University, Pune, and Prof. Rajnikant Aluvalu, Director, Symbiosis Institute of Technology (SIT), Hyderabad on 13<sup>th</sup> March 2026.



# International Conference: ICIA-MET' 26





The international conference ICIA-MET'26 conducted during 13-15 March 2026. The Mechanical track featured 23 paper presentations over the course of three days. The paper presentation sessions were conducted by Dr. P. M. Patare, Dr. M. S. Patil, and Mr. Santosh Pande.

# Publication & Research

## Patent

Controller General of Patents, Designs & Trade  
Marks  
S.M.Road, Antop Hill, Mumbai-400037  
Tel No. (091)022) 241377010, 24141026 Fax No. 022  
24130387  
E-mail: mumbai-patent@nic.in  
Web Site: www.ipindia.gov.in

  
सत्यमेव जयते  
G.A.R.6  
[See Rule 22(1)]  
RECEIPT



Docket No 6645 Date/Time 2026/0

To Harish Sharma Userid: inpa3

A-2, Sect.-60, Noida, Uttar Pradesh

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	E-12/636/2026/MUM	202621008209	2500	3496	FORM 9	
2	202621008209	TEMP/E-1/9277/2026-MUM	1600	3496	FORM 1	Tree Radar For Indian Army to Catch the Terrorist

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Hea
N-0001853107	Online Bank Transfer	2801260053761	4100.00	1475

Total Amount : ₹ 4100.00  
Amount in Words: Rupees Four Thousand One Hundred Only

Title of Patent: Tree Radar For Indian Army to Track and Catch the Terrorist  
Submitted On: 13/03/2026

Patent Type: Utility

Applicants:

Dr. Shyamkumar Devidas Kalpande,  
Dr. Sharad Kisan Nirgude,  
Prof. Vishal Promod Chaudhari,  
Dr. Manisha Ganesh Shinde,  
Mr. Ayush Sunil Nandre,  
Mr. Vishwas Vinayak Sonawane,  
Mr. Rushikesh Netaji Shinde,  
Ms. Sanskruti Pankaj Patil,  
Mr. Kedu Pundlik Nathe and  
Ms. Pragati Yuvaraj Sonawane

## Consultancy

Dr. S K Dahake and Dr. S P Kakade have completed the consultancy project "EV Chassis Failure Diagnosis and Solutions" for Jitendra Vehicles, Nashik, worth ₹32,500.

**Project: Primo Chassis Stress Analysis**  
**Name of Customer: Jitendra Electric Vehicles**

**Problem:** Failure in chassis during running condition

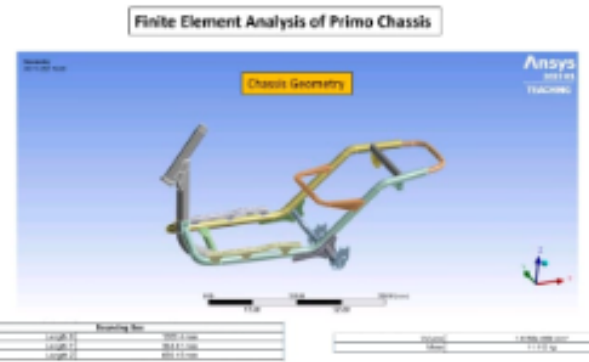
**Objective:** To evaluate deformation and stress under combined operational loads, identify critical regions and make design recommendations.

**Scope of Work**

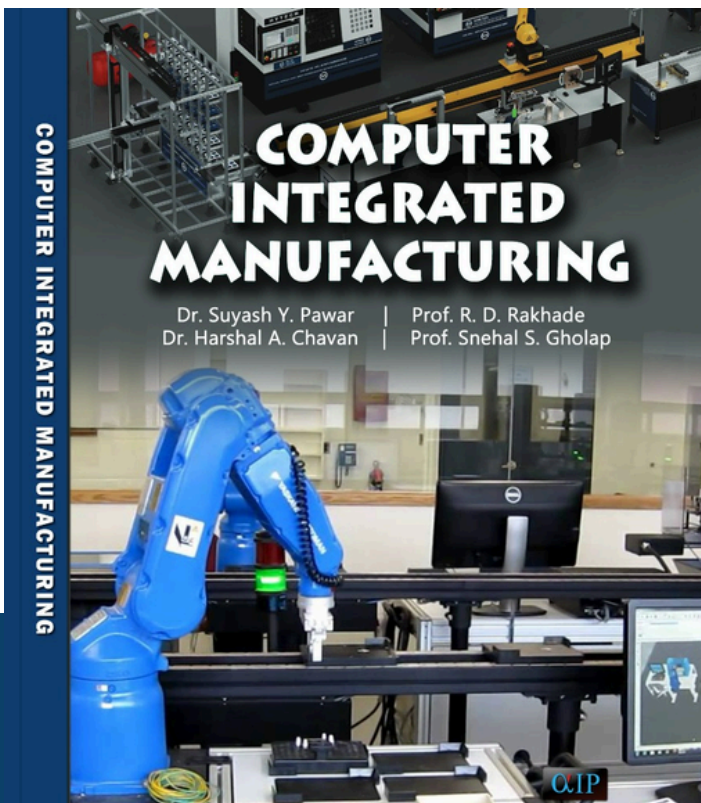
A) Meshing and application of boundary conditions

B) Simulation Results

1. Total Deformation
2. Directional Deformation
3. Stress Analysis



Dr. H. A. Chavan has co-authored the Book entitled Computer Integrated Manufacturing Published by Alpha International Publication (AIP).  
ISBN 978-93-7361-634-6



# Faculty Achievements



"Mr. Nitin Ahire, Research Scholar and Faculty in the Department of Mechanical Engineering, successfully defended his Ph.D. viva-voce on March 28, 2026. His thesis, titled 'Performance Analysis and Development of Multi-Lobe Hydrodynamic Journal Bearing Using Optimization Technique,' was conducted under the guidance of Dr. D. D. Deshmukh."

"Mr. Dinesh Panchve, Research Scholar and Faculty in the Department of Mechanical Engineering, successfully defended his Ph.D. viva-voce on Apr 02, 2026. His thesis, titled 'Performance Investigation of Vapour Compression Refrigeration System using R-410a refrigerant and TiO<sub>2</sub> Nanolubricant,' was conducted under the guidance of Dr. S. R. Suryawanshi and Dr. M. P. Ray."

# Students Achievements

ROBO RACE WINNERS

Yash Patil  
Pranav Shinde  
Pratap Salve  
Vishwas Sonawane  
Rajeshwari Vakhare  
Tirth Metalia  
Manashi Shinde  
Murtaza Ujjainwala  
Ayush Nandre  
Aniket Saindane

Students of ROBO CLUB Participated in various ROBO Competitions and Won the various prizes.



Congratulations to the IIW Chapter students of the Department of Mechanical Engineering for securing the 2nd Prize in the Techfest-2026 Mini Project Competition held at Rajarshi Shahu Maharaj Polytechnic, Nashik, on 18/03/2026.

Participants:

- 1) Vishwas Sonawane
- 2) Tanvi Malode
- 3) Saher Mirza
- 4) Mansi Sonawane

# Faculty Participation



Dr. S D Kalpande attended CII North Maharashtra Zonal Council meeting on 05th March 2026

Dr. S. D. Kalpande, Dr. S. R. Suryawanshi, Mr. V. P. Chaudhari, Mr. R. J. Pawar have attended CII Western Region Annual Meet'2026 on Dated 25th March 2026 at Mumbai



## MET'S INSTITUTE OF ENGINEERING

Lecture Series on  
**"Implementation of NEP in HEI : Core Verticals and Strategic Importance"**

Organized by  
 IQAC, MET's IOE, Nashik  
 10<sup>th</sup> March 2026



**Expert: Dr. A. G. Thakur**  
 VC, Sanjivani University, Kopergaon



**Institute of Engineering**

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 Adgaon, Nashik-422003 | FOLLOW US



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 3, Mumbai - Agra National Hwy, Bhujbal Knowledge City, Adgaon,  
 Nashik, Maharashtra 422003, India  
 Lat 20.040129° Long 73.849546°  
 10/03/26 12:25 PM GMT +05:30

On March 10, 2026, the faculty collectively engaged in a session regarding the "Implementation of NEP 2020 in HEI," featuring distinguished insights from Dr. A G Thakur, Vice Chancellor of Sanjivani University, to further align academic strategies with national educational policies.

# Expert Session for Students

## Competitive Exam Session



Career Guidance Session on "RTO Inspector Recruitment 2026" organised by Dept of Mechanical Engg. for SE, TE and BE students dated on 24th March 2026 at 10.30am. Session was conducted by Mr Mankar, Director of Ignite Academy.

## Softskill Session



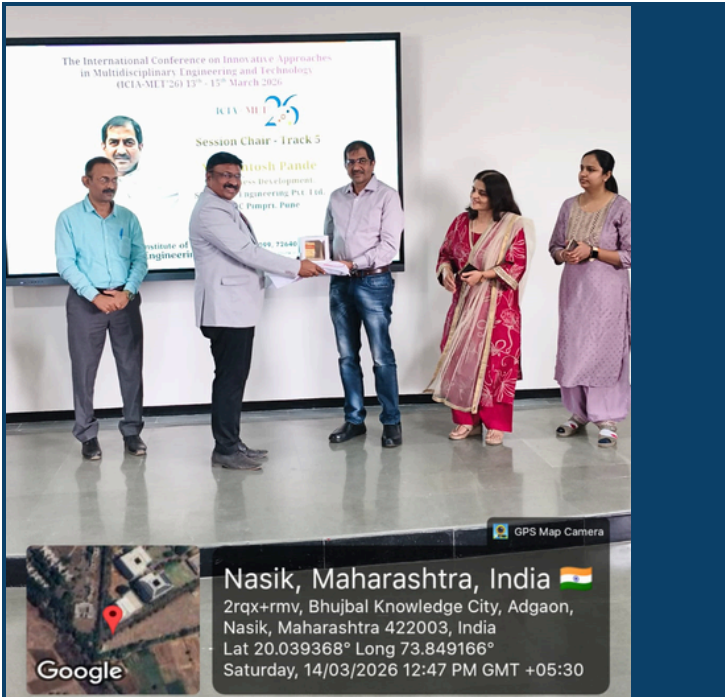
Soft skill sessions conducted for SE Mechanical Engineering students dated on 12th March to 14th March by Priyanka Kothavade, Trainer, Mahindra Pride (Nandi Foundation)

## Yoga Session on Women's day



Yoga session organized for girl students of the Mechanical Engineering Department on the occasion of International Women's Day (18th March), conducted by a well Known Yoga Trainer Dr. Pradnya Patil

# Students Participation



"Fifteen Mechanical Engineering students contributed project and research work to ICIA-MET'26. They presented their findings in Track 05: Manufacturing, Design & Thermo-Fluids, held from March 13-15, 2026."

The following SE Mechanical Engineering students, representing the Welding Club and IIW Chapter, attended an online webinar on 'AI & Cybersecurity' held on March 10, 2026:

1. Chaure Paras Samir
2. Ghumare Anudhya Sandeep
3. Bagul Vanshraj Krushnakant
4. Pawar Ganesh Hiraji
5. Jorve Sandhya Dnyaneshwar
6. Chavanke Yash Deepak
7. Gholap Tanuja Punjaram"



# Alumni Interaction



Interaction of Mr. Mahesh Sonawane, M&M, Igatpuri with BE Mech. students on 29th March 2026 (Online session for M&M Ltd Campus Drive Preparation)



Interaction of Priti Pawar, Executive Engineer, Lear Automotive Ltd with SE Mechanical Engg students on 30th March 2026.

# Mentor-Mentee Cricket Tournament



The students of Mechanical Engineering Department has successfully organized a two-day cricket tournament during 27-28 March 2026. This events bringing together enthusiasm, teamwork, and sportsmanship among students and faculty. The event witnessed active participation from around 150 students, who were divided into teams led by their respective mentors.

## Industrial Visit



Student Members of the 3D Club visited the CDIL 3D Printing Farmhouse on March 27, 2026, as part of their Additive Manufacturing lab activities.

## Value Added Course

Prof. A. D. Patil conducted a Value-Added Course on 3D Printing Technology from March 16-21, 2026. The program focused on enhancing students' technical skills and hands-on expertise in additive manufacturing.

## Skilling Program for Students on 3D Printing Technology

16<sup>th</sup> March 2026 – 21<sup>st</sup> March 2026



# NPTEL Registration

S.N	Name	Role	Course Name
1	ANIL GOPAL PATIL	faculty	Mechatronics
2	MAHESHWAR SURYABHAN GAIKWAD	faculty	Mechanical Measurement Systems
3	Nitin Bapurao Ahire	faculty	Mechatronics
4	Sachin Prabhakar Kakade	faculty	Failure Analysis and Prevention
5	Amol Bharat Varandal	faculty	Thermal Engineering: Basic and Applied
6	Yogesh Sampat More	faculty	Computer Integrated Manufacturing: From Concept to Implementation
7	Aditya Santosh More	student	Business Development: From Start to Scale
8	chinmay satish dudke	student	Product Design and Manufacturing
9	Darshan Diliprao Kulkarni	student	Research Methodology
10	Manasi Vilas Shinde	student	Introduction to Graphic Design
11	Manoj Shivaji Dukale	student	Energy Resources, Economics, and Sustainability
12	Om jagdish kalekar	student	Fundamentals of Combustion for Propulsion
13	Ritesh Durgadas Patil	student	The Joy of Computing using Python
14	Rutuja Somnath Akkar	student	Metal Cutting and Machine Tools
15	Krish Salve	student	Operations Management
16	Krish Salve	student	Industrial Automation and Control
17	Ujwal Sharad Ahirrao	student	Welding Metallurgy

**Total No. of Registration: 17**

**Faculty: 06**

**Students: 11**

## Placement

### Placement-55%

SN	Name of Student	Name of Employer	Package (LPA)	SN	Name of Student	Name of Employer	Package (LPA)
1	Ujjwal Ahirrao	Vedanta Power	7.59	22	Deven Borse	RR Plast	2.4
2	Om Jadhav	Vedanta Power	7.59	23	Rushikesh Pingal	MASO Group	2.6
3	Sahil Thange	Force Motors	3	24	Swapnil Sangamnere	MASO Group	2.6
4	Swapnil Sangamnere	Force Motors	3	25	Pratik Waghchaure	MASO Group	2.6
5	Pratik Waghchaure	Force Motors	3	26	Pranav Kute	MASO Group	2.6
6	Sarthak Ugale	Mechwell Industries Ltd	3	27	Ganesh Patade	MASO Group	2.6
7	Shailesh Mogal	Mechwell Industries Ltd	3	28	Sidhant Musale	MASO Group	2.6
8	Bharat Khairnar	Mechwell Industries Ltd	3	29	Rushikesh Pingal	Amalgamated	2.6
9	Mayur Ahire	Mechwell Industries Ltd	3	30	Swapnil Sangamnere	Amalgamated	2.6
10	Nevesh Jahagirdar	Mechwell Industries Ltd	3	31	Karan Sable	Amalgamated	2.6
11	Prashant Mogal	Kody Labs	3	32	Abhishek Sahane	Amalgamated	2.6
12	Sahil Thange	Kody Labs	3	33	Krishna Malode	Amalgamated	2.6
13	Tejas Deore	Kody Labs	3	34	Gaurav Aher	Amalgamated	2.6
14	Tejas Deore	BOSCH Ltd	4.35	35	Prathamesh Patole	Armstrong Dematic	4
15	Bharat Khairnar	AAPL	2.1	36	Om Sonawane	Mungi Engineering	2.16
16	Ramkrushna Avhad	AAPL	2.1	37	Kaustubh Ahire	Gladius	3
17	Praful Kedare	Gladius	3	38	Vitthal raut	Yeshashree Technology	2.75
18	Nevesh Jahagirdar	Gladius	3	39	Shailesh Mogal	Armstrong Dematic	4
19	Kiran Thakare	Precision	2.4	40	Praful Kedare	Armstrong Dematic	4
20	Parth Borade	Chaita Consultant	Internship (7K/ Month)	41	Aditya Kapse	Chaita Consultant	Internship (8K/Month)
21	Himanshu Shelake	MKCL	3				

**Editor:**

Prof. A. Y. Chaudhari, Faculty-MED

Ms. Preeti Muthal, Faculty-MED

Ms. Rajeshwari Vakhare, Student-MED

09/09