

MET's Institute of Engineering

Department of Mechanical Engineering

NEWS LETTER



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FROM THE EDITOR'S DESK

Hello Readers

We are delighted to present the Department of Mechanical Engineering, MET's Bhujbal Knowledge City Institute of Engineering Yearly Newsletter (**Academic year 2023-24**) for your perusal. In this rapidly evolving era, e-learning has proven to be the most effective method of knowledge dissemination. The present newsletter showcases the endeavors of our students and the accomplishments of the faculty over the preceding year.

We trust that you will find this edition enjoyable, and we invite your suggestions and feedback to assist us in making further improvements.

Stay healthy, stay fit!!

News Letter Core Committee

FACULTY COORDINATOR

Dr. A. Y. Chaudhari (Assistant Professor)

FACULTY INCHARGE

Mrs. P. G. Muthal (Assistant Professor)

Mrs. S. V. Shewale (Assistant Professor)

EDITED BY

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DESIGN BY

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6. Tambe Jayesh Hemant BE

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Departmental Vision and Mission

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.*

Mission

- *To provide quality education and generate future leaders in the field of Mechanical Engineering through a rigorous curriculum.*
- *To promote teaching and learning process resulting in research that is distinguished by its impact on academia, industry & society.*

Admitted Students

UG	321
PG	05
PhD	11

Total no of Faculties : 26

Technical Events / Achievements

Summary of events and achievements

Sr. No.	Events	Within the state		Outside the state		Award
		Within the college	Inter college	National	International	
1	METECH' 23	20	--	--	--	--
2	MECHPRO' 24	55	--	--	--	02
3	PROJECT COMPETITION	--	13	--	--	01
4	SEMINAR	--	08	--	--	--
5	SPORTS	--	09	--	--	--
6	CONFERENCE	--	--	--	02	01

METECH'23

On the occasion of “**Engineers Day**” MET Bhujbal Knowledge City's Institute of Engineering, Department of Mechanical Engineering organized Technical On the occasion of “**Engineers Day**” MET Bhujbal Knowledge City's Institute of Engineering, Department of Mechanical Engineering organized Technical event METECH' 23 . For this event students participated the technical events like mad for CAD, Quizzical, Bike mania had huge response from students. The winners were appreciated by trophy, certificates.

Dr. V. P. Wani (Principal), Dr. M. P. Ray (HOD) and all staff members & students were present for this event.



Glimpses of METECH' 23

MECHPRO' 24

On the occasion of "Science Day" MET Bhujbal Knowledge City's Institute of Engineering, Department of Mechanical Engineering organized Technical event **MECHPRO' 24** on 8th April. 2024. For this event 55 students participated. The winners were appreciated by trophy, certificates. Dr. V. P. Wani (Principal), Mr. Khairnar (Registrar), Dr. M. P. Ray (HOD), Dr. S. D. Kalpande, Mr. S. K. Dahake (Project Coordinator), External examiner from HAL Mr. Akhadkar and all staff members & students were present for this event.

Sr. No	Name of Student	Guide	Title of project	Award
1.	Pawar Harshvardhan P. Joshi Pratik P. Nilkanth Om B. Wani ShreyasJ.	Dr. D. D. Deshmukh	Performance Analysis of Hydrodynamic Journal Bearing.	1 st Rank
2.	Pardeshi Pratik S. Sajjan Akash V. Rathod Dhiraj S. Pardeshi Nilanjan K.	Mr. A. B. Varandal	Experimental Performance Analysis of Diesel Engine using Biofuel.	2 nd Rank



Glimpses of MECHPRO' 23 Prize Distribution

PROJECT COMPETITION

Award

Sr. No.	Name of Student	Year	Award	Organized By
1	Pawar Harshvardhan P.	BE	2 nd Rank	JITM&R Nashik
2	Joshi Pratik P.			
3	Nilkanth Om B.			



Glimpses of project competition

Participants

Sr. No.	Name of Student	Year	Participation	Organized By
1	Mayur Raskar	BE	Participant	JITM&R Nashik
2	Rushikesh Kuwar			
3	Karan Shivankar			
4	Parathamesh Patil			
5	Fulare Atharva			
6	Nagare Sumit			
7	Satre Chandrakant			
8	Harshvardhan Pawar			
9	Om Nilkanth			
10	Pratik Joshi			



Seminar on Advancement in welding Technology & Material

Sr. No.	Name of Student	Year	Participation	Organized By
1	Harshvardhan Pawar	BE	Participant	IIW Mumbai Branch
2	Noman Salim Patel			
3	Bhavesh Ambekar			
4	Shailesh Gurgude			
5	Tejas Rahane			
6	Rushikesh More			
7	Kunal Suryawanshi			
8	Pranav Kute			



Glimpses of IIW seminar Mumbai

SPORTS

Sr. No.	Name of Student	Year	Participation	Sports	Organized By
1	Bhor Prathamesh	SE	Participation	Football	S. I. T. R. C. College Mahiravani Nashik
2	Pagare Sahil Ramkumar	TE			
3	Pawar Harshwardhan S.	FE			
4	Shinde Sarthak Milind	SE	Participation	Kabaddi	Pathe College Minatai Thakare Stadium
5	Amrutkar Darshan	SE			
6	Kale Omkar Dinkar	SE			
7	Gumnar Akash Manohar	FE			
8	Pande Ketan	SE	Participation	Volleyball	Chhatrapati shivaji Maharaj stadium Nashik
9	Amrutkar Darshan	SE	Participation	Athletics	Minatai Thakare Stadium Nashik

Formation of IIW Student's Chapter

Inauguration Ceremony and Technical weld Talk by Industry persons

Inauguration of MET's The Indian Institute of Welding (IIW) -INDIA student's chapter on 25th Sept. 2023. We were honoured to have our Chief Guest Mr. Shreekant Patil. He shared his experience and guided us with his invaluable industry knowledge.

Team Members of Student Chapter

Chairman	Dr. D. D. Deshmukh
Coordinator	Dr. S. P. Kakade
Student Secretary	Mr. Harshvardhan P. Pawar (BE)
Vice Secretary	Mr. Pranav P. Kute (BE)
Treasurer	Mr. Om B. Nilkanth (BE)

Organizing committee

1. Sagar Dehade
2. Aditya Kapse
3. Suraj Pagare
4. Bharat Khairnar
5. Shubham Gorade
6. Ujwal Ahirrao
7. Rohit Patil
8. Rutuja Akkar
9. Himanshu Gaikwad
10. Priyanka Bhamre



Glimpses of Inaugural function of IIW- INDIA Student's Chapter

Paper Presented / Published by Staff

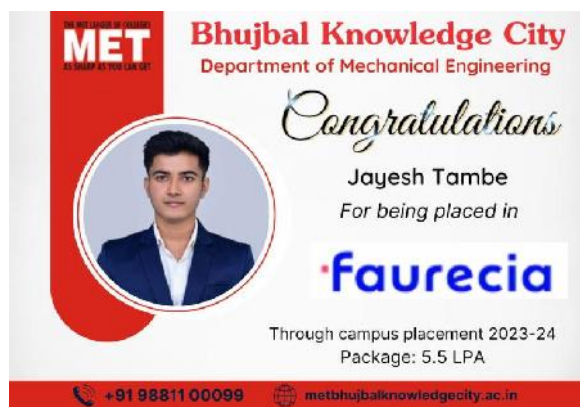
Sr. No.	Name of Author	Title of Paper	Name of Conference/ Journal
1	S. K. Dahake	Optimizing the Parameters for Resistance Spot Welding of 316L SS using the Application of RSM and Box-Behnken Design.	3 rd International E-Conference on Mechanical and Material Science Engineering: Innovation and Research (ICMMSE:IR 2023) by Sandip Institute of Technology & Research Centre, Nashik (MS) (An Autonomous Institute).
2	S. K. Dahake	Optimization of Resistance Spot Welding Parameters for 316L Stainless Steel Using Response Surface Methodology and Box-Behnken Design.	Sustainable Multidisciplinary Advances in Research and Technology - SMART (2023).
3	D. K. Dond	Performance Characterization of Cacklebur Bio-diesel with Nanoparticles on Four Stroke Diesel Engine.	4 th International conference on contents, computing and communication by Matoshri COE & RC Nashik.
4	S. P. Kakade	Regression Modeling and analysis of RSW of galvanized steel.	2 nd International Conference on Recent Trends in Computing (ICRTC-2023) by SRES SCOE Kopargaon.

Patents

Sr. No.	Date	Application No.	Title of Patent	Author Name	Status
1	21/01/2023	3777770-001	Solar water distillation apparatus	Mr. A. S. Patil	Granted
2	05/12/2023	401343-001	Sprinkler	Dr. V. P. Wani and Dr. H. A. Chavan	Granted
3	07/07/2023	202321045685	Improvement in surface quality of hole and tool health of helical milling for Ti6Al4V using hybrid trinano flood coolant along with optimizing shearing parameters	Mr. A. S. Patil	Applied
4	16/02/2024	407760-001	Agriculture drone for monitoring and spraying pesticides	Dr. S. D. Kalpande, Mr. A. D. Patil, Mr. V. P. Chaudhari and Dr. S. R. Suryawashi	Applied

Placement

Sr. No.	Name of Student	Name of Company	Package
1	Harshvardhan Pawar	Amalgamated	2.6 LPA
2	Jayesh Tambe	Faurecia	5.5 LPA
3	Kunal Suryawanshi	Armstrong	4 LPA
4	Dhiraj Rathod	Daikin	5 LPA
5	Tejas Rahane	Oorjan	4 LPA
6	Vishal Avhad	Bellcurve	3 LPA
7	Pratik Ghayal	Megabotic	2.6 LPA
8	Sumit Nagare	Megabotic	2.6 LPA
9	Bhavesh Ambekar	Megabotic	2.6 LPA
10	Rushikesh More	Wipro	6 LPA
11	Akash Sajjan	Force Motors	3.5 LPA
12	Tejas Rahane	Force Motors	3.5 LPA
13	Krushna Nikam	Force Motors	3.5 LPA



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Congratulations
Kunal Suryawanshi
 For being placed in

ARMSTRONG | DEMATIC

Through campus placement 2023-24
 Package: 4 LPA

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Congratulations
Dhiraj Rathod
 For being placed in

DAIKIN

Through campus placement 2023-24
 Package: 5 LPA
 A.Y. 2023-24

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Congratulations
Tejas Rahane
 For being placed in

oorjan

Through campus placement 2023-24
 Package: 4 LPA

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Congratulations
Vishal Avhad
 For being placed in

BELLCURVE

Through campus placement 2023-24
 Package: 3LPA

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Congratulations
Pratik Ghayal
 For being placed in

MEGABOTIC MACHINES PVT. LTD.

Through campus placement 2023-24
 Package: 2.8 LPA

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 Department of Mechanical Engineering

Congratulations
Sumit Nagare
 For being placed in

MEGABOTIC MACHINES PVT. LTD.

Through campus placement 2023-24
 Package: 2.6 LPA

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 Department of Mechanical Engineering

Congratulations
Bhavesh Ambekar
 For being placed in

MEGABOTIC MACHINES PVT. LTD.

Through campus placement 2023-24
 Package: 2.6 LPA

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 Department of Mechanical Engineering

Congratulations
Rushikesh More
 For being placed in

wipro | PARI

Through campus placement 2023-24
 Package: 6 LPA

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Congratulations

Akash Sajjan
For being placed in



Through campus placement 2023-24
Package: 3.5 LPA



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Congratulations

Tejas Rahane
For being placed in



Through campus placement 2023-24
Package: 3.5 LPA



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Congratulations

Krushna Nikam
For being placed in



Through campus placement 2023-24
Package: 3.5 LPA



Institute of Engineering, Adgaon

Media Coverage

Students get placement in renowned companies

Rushikesh More bagged the highest salary package from Wipro

LOKMAT NEWS NETWORK
NASHIK, JUN 5

Students of the mechanical department of Institute of Engineering run by MET Bhujbal Knowledge City have received job opportunities in renowned companies from the campus placement drive. As many as 28 reputed companies, both Indian and international, selected the students from the mechanical department of the college and provided job opportunities.

Rushikesh More bagged the highest salary package from Wipro. Others who are placed include Jayesh Tambe, Dheeraj Rathod, Kunal Suryavanshi, Tejas Rahane, Sahil Birhade, Bha-



vesh Ambekar, Prateek Ghayal, Atharva Pagare and Sumit Nagare. All the students received good packages from the companies. The job opportunities were provided by the Training and Placement Cell of the institute.

Trustee of the Institute Sameer Bhujbal, along with Dr Shefali Bhujbal, Principal of the college Dr Vijayakumar Wani, and Head of Mechani-

cal Department Dr Shyamkumar Kalpande congratulated all the students.

Prof Vishal Chaudhary, Prof Jaspreet Kaur and Prof Dr Vaibhav Dabhade of Training and Placement Cell took efforts for this placement drive. Additionally, Prof Sachin Dahake and Prof Amol Varandal, and all professors of the mechanical department provided guidance to the students.

‘मेकॅनिकल’च्या विद्यार्थ्यांना २८ कंपन्यांत नोकरीची संधी

प्रतिनिधी | नाशिक

भुजबळ कॉलेज सिटीमधील एमईटी इन्स्टिट्यूट ऑफ इंजिनिअरिंगच्या मेकॅनिकल विभागाच्या विद्यार्थ्यांसाठी कॅम्पस ड्राइव्हचे आयोजन करण्यात आले होते.

या ड्राइव्हमध्ये भारतीय आणि आंतरराष्ट्रीय २८ नामांकित कंपन्या सहभागी झाल्या होत्या. यात हषिकेश मोरे, जयेश तांबे, धीरज राठोड, कुणाल सूर्यवंशी, तेजस रहाणे, हर्षवर्धन पवार, साहिल बिन्हाडे, भावेश आंबेकर, प्रतीक घायाळ, अथर्व पगारे, सुमित नागरे, विशाल आव्हाड आदींची निवड झाली. दरम्यान, संस्थेमधील उपलब्ध असलेल्या इंटर्नशिप, प्रशिक्षण सत्र, विषय तज्ज्ञाचे मार्गदर्शन आणि इतर विविध गुणवत्ता सुधारणांच्या योजनांचा विद्यार्थ्यांना फायदा झाला असून त्यांनी उद्योग क्षेत्राच्या अपेक्षा पूर्ण केल्या असल्याचे महाविद्यालयाचे प्राचार्य डॉ. विजयकुमार वाणी आणि मेकॅनिकल विभागप्रमुख डॉ. श्यामकुमार काळपांडे यांनी स्पष्ट केले.

NBA Committee Visit

An Expert team conducted onsite evaluation of the Department of Mechanical Engineering from 12th to 14th April, 2024. The report submitted by the expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the accreditation status to the Mechanical Engg program.



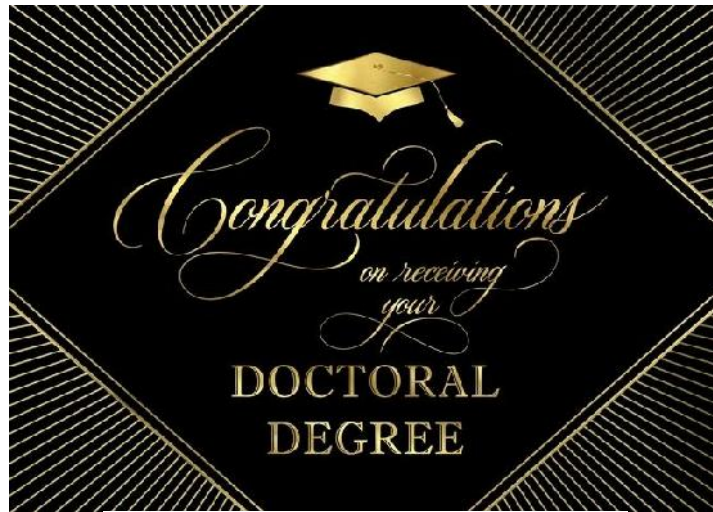
Glimpses of NBA Committee visit

(Dr. M. P. Ray (HOD), Dr. S. D. Kalpande with NBA Committee expert)

Appreciation

List of staff completed PhD

Sr. No	Name of Staff	Date of Viva-Voce	University
1	Sachin P. Kakade	25/07/2023	Savitribai Phule Pune University, Pune.
2	Raghavendra R. Barshikar	22/08/2023	Savitribai Phule Pune University, Pune
3	Amol Y. Chaudhari	25/10/2023	Sarvepalli Radhakrishnan University Bhopal.
4	Sushil V. Ingle	21/11/2023	VJTI Mumbai University.
5	Amit S. Patil	10/01/2024	SPCE, Mumbai University.



Thank you and Take Care