

July-December 2024

Bhujbal Knowledge City, MET's IOT-Polytechnic, Nashik

### E-Newsletter of Department of Mechanical Engineering (Vol. 6: Issue-11)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized a 2 Days Student Development Workshop on "Essence of Indian Constitution" during 09 & 12 August 2024 (AY 2024-25)

**Day 1:** 09 August 2024 **Topic:** Constitutional History & Structure of Indian Constitution

**Speaker:** Mr. Swapnil Desale, Lawyer & Director of Sales.





**Day 2:** 12 August 2024 **Topic:** Fundamental Rights & Duties (DPSP)

Speaker: Dr. S K Mandoakar, Vice Principal, NBT Law College, Nashik.





Benefitaries: All the Second Year Diploma Students of Institute

Coordinator: Mr. K G Deshpande

Chief Coordinator: Mr. A P Vadnere

Convener: Dr. R S Narkhede

Lecturer in Mechanical Engg.

Head-Department of Mech. Engg.

Principal, MET BKC IOT-P

➤ Mr. A P Vadnere, Mr. N O Warbhe. Mr. V E Kothawade has successfully completed a One Week AICTE ATAL FDP on 'Manufacturing Techniques for Novel Materials: The Impact of Indsutry 4.0' during 16-21 Dec. 2024 organised by MET BKC IOE, Nashik





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#### Free Bonuses:

- Certificate from Abhyuday IIT Bombay which can be used during

- placement
  2. 50 companies question paper to get job
  3. Free course by corporate leaders (HR of Linkedin, Oracle, etc.)
  on what's working now in Industry
  4. 7 E-books on communication hacks to interact with your target
- company 5. A session on what to do if you have a backlog or low paercentage

aturday 7PM in Evening & Sunday 11AM in Morning:





















20 Nos. of Final Year Students of Mechnaical Engineering Department has successfully participated in Two Days Online WS on "How to get Placements in MNC" organised by **IIT Bombay** on 21-22 Sept. 2024



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Visit at "NTPS" Eklahare, Nashik

## E-Newsletter of Department of Mechanical Engineering (Vol. 6 : Issue-11)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit at "Nashik Thermal Power Plant", Eklahare, Nashik on 07th November 2024 for Third Year Diploma Students of Mechanical Engineering (AY 2024-25)

### **Objectives of Visit:**

[1] To give practical insight of components and Operations of Thermal Power Station.

[2] To study the overall plant layout and understand the maintenance procedures, characteristics of control systems.

Coordinator of Visit: Mr. S A Khan
Benefitaries: TYME Students

Staff Accompanied: Mr. U S Kolhe, Mr. K G Deshpande
Duration: 10.00 am onwards



### **Outcomes of Visit:**

Through this study field visit the Third Year Diploma Students of Mechanical Engineering learned the functioning of a coal based steam power plant and understand the coal to electricity cycle. Also students understand the best and sustainable practices in running a coal based power plant. This visit provided practical exposure to the students on thermal power plant operations. Students learned about the environmental impact and safety measures associated with thermal power plants. Students also interacted with industry professionals to gain insights into real-world applications of theoretical knowledge.

On behalf of Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik, we would like express gratitude to Management and & Admin of NTPS, Eklahare, Nashik and the entire team for sharing their knowledge, and valuable time with us. We found the visit of great value and extremely interesting.



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### E-Newsletter of Department of Mechanical Engineering (Vol. 6 : Issue-11)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to "**Kadwa Cooperative Sugar Factory, Rajaramnagar**" on 03rd October 2024 for Second Year Diploma Students of Mechanical Engineering (AY 2024-25)

**Objectives of Visit:** 

Visit at "Kadwa Co-operative Sugar Factory

[1] To give practical insight of boiler equipment and accessories used in sugar factory.

[2] To study overall plant layout and co generation plant utilization in sugar factory.





**Staff Accompanied:** Prof. S A Mandore, Prof. K G Deshpande, Mr. S B Tamhane, Mr. S B Kuldhar **Visit Coordinators:** Prof. S A Khan, Prof. S B Mahale

On the behalf of Department of Mechnaical Engineering, MET-BKC-IOT-P, we would like to express heartfelt thanks to the Management of Kadwa Cooperative Sugar Factory and all the Officials for allowing us to visit the organization. We would like to thankful to entire Technicians & working team of Factory for sharing their knowledge, and valuable time with us. We found the visit of great value and extremely interesting.

- ➤ Mr. S B Mahale, has successful completed a One Week International Level FDP on "AI Innovation and MATLAB Solutions" during 23-28 Sept. 2024 organized by PCETs, Pimpri Chinchwad COE & RC, Ravet.
- ➤ Mr. S A Khan has attended and successfully completed a 5 Days MSBTE approved FDP on "Embedding Human-Centric Values in Education" during 27 Sept.-01 Oct. 2024 organised by Vidyavardhini's Bhausaheb Vartak Polytechnic, Vasai Road, Palghar.



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### E-Newsletter of Department of Mechanical Engineering (Vol. 6: Issue-11)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized a Study Visit at "Laxmi Lasers Pvt. Ltd." & "Supernova Water Jet Cutting System" Ambad MIDC Nashik on Tuesday, 07 August 2024 for Third Year Diploma Students of Mechanical Engineering (AY 2024-25)

### **Objectives of Visit:**

- [1] To give practical insight of Non Conventional Machining used in Industry.
- [2] To study, observe & understand the process parameters of the Non Conventional machining.

Visit Coordinators: Mr. S A Khan, Mr. J G Dhopte. Mr. K G Deshpande.





It is necessary for a Diploma Mechanical Engineer to know about the advancements in the area of manufacturing processes. This visit will impart knowledge & skills necessary for working in modern manufacturing environment. It will help the student to get familiarize with working principles and operations performed on non conventional machines, and maintenance of machine tools. Also it will help to understand the overall plant layout and organization structure of Advanced Manufacturing Industry.

- ➤ Mr. S B Mahale has successfully completed ISTE approved One Week STTP on "Incorporating Universal Human Values in Technical Education" during 07-11 October 2024 organised by KJCOEMR, Pune.
- ► Mr. S A Mandore has successfully completed MSBTE Approved, 5 Days FDP on "Embedding Human-Centric Values in Education" during 27 Sept.-01 Oct. 2024 organised by Vidvavardhini's Bhausaheb Vartak Polytechnic. Vasai Road. Palghar.



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### E-Newsletter of Department of Mechanical Engineering (Vol. 6: Issue-11)

Glimpses of "**Induction Program**" organised by MET's Institute of Technology-Polytechnic, Nashik for newly admitted students in First Year in Academic Year 2024-25 on 22 August 2024 to 06 September 2024 under the guidance of Principal, Dr. R.S. Narkhede.

Expert lecture on 'Cyber Awareness': 22.08.2024







Hand on Session on 'Yoga and Meditation': 02.09.2024







Expert Talk on 'Communication Skills': 04.09.2024











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Seminar on 'Human Values & Communication Skills': 06.09.2024







Awareness Session on 'NPTEL-Swayam Courses': 04.09.2024







Awareness Session on 'T & P Activities-Library-Scholorship': 05.09.2024









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### E-Newsletter of Department of Mechanical Engineering (Vol. 6: Issue-11)

Meeting of 'Women Grievance Cell' of MET's Institute of Technology-Polytechnic, Nashik organised on 02.09.2024 for all the female students of the Institute along with Members of Women Grievance Cell. (AY 2024-25)







Two Days Faculty Development Program on "Building Corporate Skills from Sea Forts जलदुर्गांची साखळी-कौशल्यांची मांदियाळी". Organized by Department of Mechanical Engineering, MET BKC IOT-P, Nashik in association with ISTE Faculty Chapter and Gokhale's Advanced Training Istitute (GATI), Jalgaon during 16-17 August 2024 for all the Teaching, Non Teaching and administrative staff members of Institute. (AY 2024-25)













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### E-Newsletter of Department of Mechanical Engineering (Vol. 6: Issue-11)

Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik organised an E-Quiz Event on "**Know your Branch-MECHANICAL ENGINEERING**" association with IEI PSC during 09-13Sept. 2024 (*AY 2023-24*)



MET's Institute of Technology-Polytechnic, Nashik Bhujbal Knowledge City, Adgaon, Nashik – 422 003.

DTE Code: 5244 MSBTE Code: 0776



## Online "E-Quiz" Event on "Know your Branch-MECHANICAL ENGINEERING" Organized by Department of Mechanical Engineering in association with IEI PSC

#### About E-Quiz

It gives immense pleasure to announce Online E-Quiz Event on "Know your Branch-Mechanical Engineering" on 9th September to 13th September 2024 for the Diploma Students of Mechanical Engineering of various Institutes in association with IEI

#### Rationale of E-Quiz:

The Diploma students must have values as human being and knowledge and metaskills related to his/her profession as an Engineer and as a Citizen. This online E-Quiz is designed to make the newly admitted Diploma students in respective branch feel comfortable and develops awareness and sensitivity along with selected Branch/Department.

#### Objectives of E-Quiz:

[1] To learn about history, culture, values and importance of Mechanical Engineering Branch through MCQ's.

[2] To make comfortable, sensitize the newly admitted Diploma Students towards exploring

ME-We Conquer Air, Land, Ocean

the best practices of Mechanical Engineering Branch.

[3] To warm welcome the newly admitted Diploma Students in Technical Education and make them aware for their new role in field of Mechanical Engineering.

#### Important Instructions:

 E-Quiz will be available from 09.09.2024 to 13.09.2024.

[2] There are Total 25 Multiple Choice Questions (Objective Type) having 2 marks for each question based on General Mechanical Engineering.

[3] All the participants will receive appreciation E-Certificate for participation on their registered E-mail ID after completion of E-Quiz.

[4] There is no Registration Fee for the event. (Free Registration)

#### Registration Procedure:

Step 1: To attempt the E-Quiz and to get the E-Certificate, kindly open the below link:

https://forms.gle/uATNSwVUk9iotYEd7

#### MET's BKC IOT-P, Nashik



Step 2: Fill the correct details (Valid E-mail ID, Name of Inst., Mobile No.)

Step 3: Answer all the MCQs carefully.

#### Coordinator:

Prof. V E Kothawade, Lect. in Mech. Engg (Mb. No.: 8237098358)

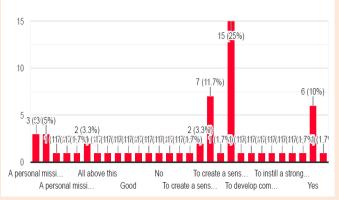
#### Chief Coordinator:

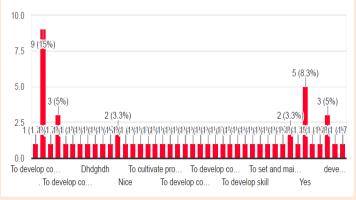
Prof. A P Vadnere, HOD-Mech. Engg. (Mb. No. 9423927650)

#### Convener:

Dr. R S Narkhede, Principal MET BKC IOT-P. Nashik

No Tech without MECH





Familiarization, Awareness and dissemination of Department Vision-Mission Statement (Re- Write Mission Statement Number M3)



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### E-Newsletter of Department of Mechanical Engineering (Vol. 6: Issue-11)

Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik organised an E-Quiz Event on "Engineering Day" association with IEI PSC during 13-15Sept. 2024 (AY 2023-24)



On the Occasion of

"Engineers Day" (15th September 2024)

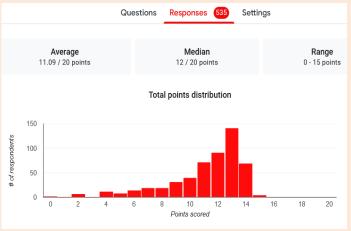
Organised by **Department of Mechanical Engineering** in association with IEI PSC

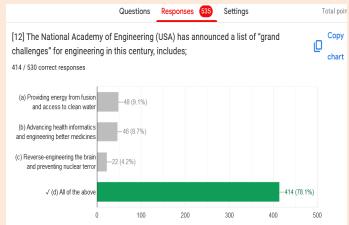






To Commemorate the Birth Anniversary of the Greatest Indian Engineer, Bharat Ratna Mokshagundam Visvesvaraya.





### Mr. A B Deore has successfully completed;

- Two Days Industrial Training Program for Faculties on 'Rapid Prototyping & 3D Printing (RPT)' during, 25-26 Sept. 2024 organised by SHJB Poly. Chandwad in association with Technocad, Nashik.
- Three Days FDP on "Innovative Teaching-Learning Practices in Engineering" during, 03-05 Oct. 2024 organized by Dept. of Mech. Engg. KES RIT Polytechnic, Lohgaon, Pune.



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E-Newsletter of Department of Mechanical Engineering (Vol. 6 : Issue-11)

Glimpses of Workshop on 'Entrepreureship and Training for Soft Skills for Third Year Female Students' Organised by Department of Computer Engineering in association with TNS, Pune and Institute EDP Cell, Nashik (Duration: 25/09/2023 to 09/10/2023) (AY 2023-24)



- ➤ *Mr. K G Deshpande* has successfully participated and completed an Orientation Programme on 'Essence of Indian Constitution' during 12-16 Aug. 2024 organised by MSBTE & NITTTR, Bhopal.
- ➤ *Mr. U R Bhapkar* has successfully completed ISTE approved One Week STTP on "Incorporating Universal Human Values in Technical Education" during 07-11 October 2024 organiesd by KJCOEMR, Pune.

For Private Circulation only



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E-Newsletter of Department of Mechanical Engineering (Vol. 6: Issue-11)

**Students Achievements** 

## E CERTIFICATION

(Funded by the MoE, Govt. of India)





This certificate is awarded to

TANISH JITENDRA TORPE

for successfully completing the course

### Fundamentals of Manufacturing Processes

with a consolidated score of

Online Assignments | 18.97/25 |

Proctored Exam | 61.5/75

80

Total number of candidates certified in this course: 584

Prof. Kaushik Ghosh, Professor(Chemistry) Coordinator CEC

Roll No: NPTEL24ME123S957500138

Jul-Oct 2024

(12 week course)

Prof. Ranjana Pathania,

Professor (BSBE) Coordinator (NPTEL)



Indian Institute of Technology Roorkee

No. of credits recommended: 3 or 4

To verify the certificate

| Name of Student       | Enrolment   | <b>Course Completed</b>                    | Conducted by                  | Duration | Remarks         |
|-----------------------|-------------|--|-------------------------------|----------|-----------------|
|                       | No.         |  |                               |          |                 |
| Torpe Tanish Jitendra | 23611470508 | Fundamental of<br>Manufacturing<br>Process | NPTEL-Swayam<br>& IIT Roorkee | 12 Weeks | Silver<br>Elite |
| Patel Mann Prakash    | 2207760274  | Advanced                                   | NDTEL Carren                  | 8 Weeks  | Passed          |
| Jadhav Supriya Balu   | 2207760203  | Manufacturing                              | NPTEL-Swayam<br>& IIT Bombay  | o weeks  | Passed          |
| Hire Sujal Sunil      | 2207760291  | Processes                                  |                               |          | Passed          |
| Iste Yash Shashikant  | 2207760213  |  |                               |          | Passed          |



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**Students Achievements** 



### NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SUJAL SUNIL HIRE
for successfully completing the course



Advanced Machining Processes

with a consolidated score of 46 %

Online Assignments | 15.75/25 | Proctored Exam | 30/75

Total number of candidates certified in this course: 499

Aug-Oct 2024

(8 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology



Indian Institute of Technology Guwahat

Roll No: NPTEL24ME154S957500337

To verify the certificate



No. of credits recommended: 2 or 3

Mr. U R Bhapkar has participated and successfully completed;

- ➤ One Week International Level FDP on "AI Innovation and MATLAB Solutions" during 23-28 Sept. 2024 organised by PCETs, Pimpri Chinchwad COE & RC, Ravet
- ➤ 5 Days FDP on "Embedding Human-Centric Values in Education" during 27 Sept.-01 Oct. 2024 organised by Vidyavardhini's Bhausaheb Vartak Polytechnic, Vasai Road, Palghar.

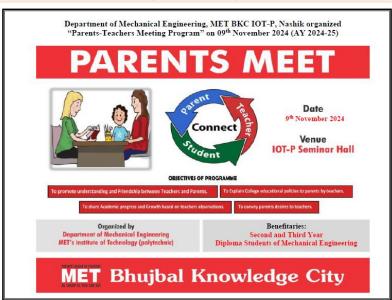


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### E-Newsletter of Department of Mechanical Engineering (Vol. 6 : Issue-11)

For improving the overall academic performance of students, parent's-teachers meet plays an important role and will helps the parents to know about their wards academic performance and their problems. Through this Parents meet, parents come to know the behavior of their wards as well. As we observed, these days' teacher and parents do not come in contact with each-other frequently, due to this, the Department of Mechanical Engineering of MET's Institute of Technology-Polytechnic, Nashik arranged a **Parents-Teacher Meet** on Saturday, **09**<sup>th</sup> **November 2024.** The Programme was nicely coordinated by Prof. S A Mandore, Prof. V E Kothawade, Prof. N O Warbhe, Prof. V B Kalmegh, Prof. K G Deshpande, Mr. S S Chaudhari, S B Kuldhar, and the entire staff of the mechanical department under the guidance of Mr. A P Vadnere (HOD-ME) and Dr. R S Narkhede (Principal). (AY 2023-24)



### **Objectives of Program:**

- [1] To discuss the performance of a student's with parents.
- [2] To discuss the academic progress of students and efforts made by Department for improvement.
- [3] To invite the parent's members for sharing their views and know their viewpoints.
- [4] To explain the college educational policies to the parents.
- [5] To appreciate the efforts of students achievers for their Academic Success.







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**Students Appreciation** 



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### E-Newsletter of Department of Mechanical Engineering (Vol. 6 : Issue-11)

Glimpses of Online Alumni Meet – 2024, Conducted by Department of Mechanical Engineering on Saturday, 10<sup>th</sup> August 2024 (10.00 am onwards) through Google Meet: Link: https://meet.google.com/aru-rcyw-zsp.

Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik has organized an online Alumni meet on Google Meet platform on Saturday, 10<sup>th</sup> August 2024 at 10.00 am. All alumni were invited for this online meet. Present Third Year students were also invited to witness the show and get the insight about further career options, actual work experiences. For this online program, the invitation was given by the organizing committee to all alumni through Whatsapp messages on official Whatsapp groups and phone calls. A Whatsapp group is made by the department to remain in touch with all the Ex-students. The alumni working in various fields joined this program. *Mr. Dinesh Jadhav, GM Operations, Honda Motorcycle & Bikes, Ahmadabad, Mr. Sumit Jadhav, Senior Manager, Lucy Electric Manufacturing & Technology, Nashik, Ms. Chanchal Darade, Manager-Sales, Royal Enfield, Pune, Mr. Sagar Hiwale, CEO-Acero, Mr. Sanket Burkul, Software Developer, Tech Mahindra, Mr. Sagar Ajabe, AIMV, RTO-Wadala, Ms. Farhad Inamdar, JSW Steel, Vadodara, Ms. Ketki Janve, Radio Jockey, Hyderabad, Mr. Manav Joshi, MS (AI), German, Mr. Ajay Jagtap, Assistant Manager, JSW Steel, Ahemadabad, Mr. Shubham Gadakh, Production Manager are some of the renowned alumni participated in this online event.* 





**Alumni Meet 2024** 





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Bhujbal Knowledge City, MET's IOT-Polytechnic, Nashik

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## एमईटी पॉलीटेक्निकला मिळाले एनबीए मानांकन

नाशिक । लक्ष महाराष्ट्र वृत्त

एमईटी इन्स्टिट्यूट ऑफ पॉलीटेक्निक टेक्नॉलॉजी नॉलेज नाशिक मधील या प्रतिष्ठित व अग्रगण्य व एमएसबीटीई मान्यताप्राप्त डिप्लोमा इंजीनियरिंगचे शिक्षण देणाऱ्या संस्थेस नॅशनल बोर्ड ऑफ अक्रिडेशन म्हणजेच एनबीए या राष्ट्रीय संस्थेकडून २०२४-२५ ते २०२६-२७ या सलग तीन शैक्षणिक वर्षांसाठी एनबीए मानांकन मिळाल्याची माहिती प्राचार्य राजेंद्र नारखेडे यांनी दिली.

एमईटी पॉलीटेक्निकच्या या पाच विभागांमध्ये सिव्हिल इंजिनिअरिंग, कम्प्युटर इंजीनियरिंग, इलेक्ट्रिकल इंजीनियरिंग, इन्फॉर्मेशन टेक्नॉलॉजी व मेकॅनिकल इंजिनिअरिंग या विभागांचा समावेश आहे. एनबीएच्या तज्ञ सर्वेक्षण

समितीने नुकतेच सप्टेंबर महिन्यात संस्थेमध्ये भेट देऊन व सर्व शैक्षणिक बाबींची सखोल तपासणी केली होती. यामध्ये प्राम्ख्याने अत्याध्निक स्विधा, शास्त्रोक्त पद्धतीने चालवलेले अध्यापनशास्त्र, मजबूत उद्योग आणि माजी विद्यार्थ्यांसह त्यांच्याशी असलेला संपर्क व रोजगारक्षमता बाबींचा समावेश संस्थेसाठी ही अभिमानाची बाब असून संस्थेच्या या यशामध्ये सर्व प्राध्यापक कर्मचारी यांनी दिलेल्या योगदानाचा यामध्ये प्रामुख्याने समावेश असल्याची माहिती संस्थेच्या प्राचार्यांनी दिली. संस्थेच्या या यशासाठी विश्वस्त समीर भुजबळ व संचालिका डॉ. शेफाली भुजबळ अभिनंदन केले व शुभेच्छा दिल्या आहेत.

## **Vision Statement of Department of Mechanical Engineering:**

**To** develop competent mechanical engineers with enhanced knowledge, skills and professional attitudes to suit the changing scenario and serve techno-social needs.

## **Mission Statements of Department of Mechanical Engineering:**

- M1 To set and maintain the standard of education for addressing broad-based mechanical engineering-related problems.
- **M2** To make continuous efforts to deal with the multi-disciplinary technological challenges of industry and society.
- M3 To create a sense of social responsibility among learners.

Queries, Comments, Feedback, Suggestions, and Informative Articles may be sent to:

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mech.spandan@gmail.com

