

THE MET LEAGUE OF COLLEGES
MET
AS SHARP AS YOU CAN GET
Bhujbal Knowledge City

MET's Institute of Engineering
Department of Mechanical Engineering

NEWS LETTER



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FROM THE EDITOR'S DESK

We are delighted to present the Department of Mechanical Engineering, MET Bhujbal Knowledge City Institute of Engineering Yearly Newsletter (Academic year 2020_21) 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

Editor	Head, Department of Mechanical Engineering
Faculty In charge	Prof. A. B. Varandal
Edited By	Dusane Mayur Rajendra (BE)
Design By	Deshmukh Vikrant Abhay (TE)

News Letter Students Committee Members

Year	Name of Students
BE	Banwait Jassimran Singh Surjit Singh
BE	Nemade Suyog Bhagwat
TE	Badgujar Priyanka Dipak
TE	Deore Devendra Suresh
SE	Ninad Parag Hanmante
SE	Kamale Shubham Rajendra

Academic Year: 2020_21

Content

Sr. No	Event
1	List of students completed NPTEL course
2	List of faculties completed NPTEL course
3	Papers published by staff
4	GATE Exam appeared student's list
5	Covid 19 Instructions and Precautions

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	489
PG	08
PhD	10

Total no of Faculties : 25

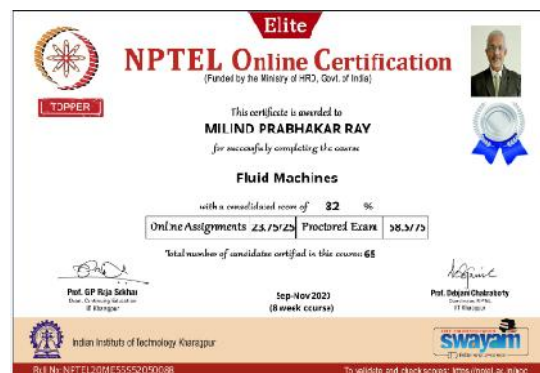
List of Students completed NPTEL course

Sr. No	Name of candidate	Name of Course	No of Weeks	Year	Score
1	Kumawat Prasad	Automation in manufacturing	12	Sept Dec 2020	85.00%



List of Faculties completed NPTEL course

Sr. No	Name of candidate	Name of Course	No of Weeks	Year	Score
1	Anil Patil	Experimental methods in fluid mechanics	12	Jan April 2020	91.00%
2	Anil Patil	Principles of casting technology	8	Jan March 2020	80.00%
3	Anil Patil	Steam Power engineering	8	Sept Nov 2020	61.00%
4	Milind Ray	Fluid Machines	8	Sept Nov 2020	82.00%
5	Anil Patil	Convective heat transfer	4	Feb March 2021	58.00%
6	Milind Ray	Mechatronics	8	Jan March 2021	55.00%





NPTEL Online Certification
 (Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
ANIL GOPAL PATIL
 for successfully completing the course

Convective Heat Transfer

with a consolidated score of **58** %

Online Assignments	18.83/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **16**

Prof. V. C. Sinhasane
 Coordinator, Converting Education Centre
 IIT Bombay

Feb-Mar 2021
 (4 week course)

Prof. Indradeep Singh
 NPTEL Coordinator
 IIT Bombay



Indian Institute of Technology Powai

Ref No: NPTEL21ME1952409218 To validate and check scores: <https://npTEL.ac.in/moc>



NPTEL Online Certification
 (Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
MILIND PRABHAKAR RAY
 for successfully completing the course

Mechatronics

with a consolidated score of **55** %

Online Assignments	24.58/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **310**

Prof. V. C. Sinhasane
 Coordinator, Converting Education Centre
 IIT Bombay

Jan-Mar 2021
 (8 week course)

Prof. Indradeep Singh
 NPTEL Coordinator
 IIT Bombay



Indian Institute of Technology Powai

Ref No: NPTEL21ME27512160066 To validate and check scores: <https://npTEL.ac.in/moc>

PAPERS PUBLISHED BY STAFF

Sr. No	Name of Author	Title of Paper	Organizer Conference/ journal	Link
1	Dipak Kisan Dond, Nitin Parashram Gulhane	Effect of injection system parameters on overall performance of a small diesel engine	Heat Transfer	https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.22340
2	D.D. Deshmukh, N.S. Hyalij, S.P.Kakade	Investigations on premature failure of 9Cr-Mo elbow during operation applied in power industry	Materials Today: Proceedings	https://doi.org/10.1016/j.matpr.2020.11.697
3	DD Deshmukh, VD Kalyankar	Analysis of deposition efficiency and distortion during multitrack overlay by plasma transferred arc welding of Co-Cr alloy on 316L stainless steel	Journal of Advanced Manufacturing Systems	https://www.worldscientific.com/worldscinet/jams
4	H A Chavan & D D Deshmukh	Productivity Improvement of Automotive Rod Forming Process by Simultaneous Operation Using FE Simulation	International Journal of Modern Manufacturing Technologies	https://ijmmt.ro/vol13no12021
5	Amit S. Patil, V. K. Sunnapwar, K. S. Bhole & Y. S. More	Experimental investigation and fuzzy TOPSIS optimisation of Ti6Al4V finish milling	Advances in Materials and Processing Technologies	https://doi.org/10.1080/2374068X.2021.1971002

GATE Exam appeared student's list

Academic Year 2020-21 (BE)	
Sr. No.	Name of Student
1	Kalpesh Patil
2	Ashish Jagtap
3	Aditya Ahire
4	Onkar Nehe
5	Atul Pawar
6	Rinal Chaudhari

Covid 19 Instructions and Precautions

- Stay at home as much as possible.
- Avoid physical contact like handshakes, hand holding or hugs.
- Avoid touching surface such as table tops, chairs, door handles etc.
- Wear mask.
- Wash your hand regularly.

Thank You and Take Care