


NAME OF THE FACULTY:	Miss. Dipali K. Bhise.	
<u>DESIGNATION:</u>	Assistant Professor.	
<u>DEPARTMENT:</u>	Mechanical Engineering.	
<u>QUALIFICATION:</u>	<ol style="list-style-type: none"> 1. Ph. D in Mechanical Engineering (Pursuing). University of Mumbai. 2. M.E Mechanical Engineering (Specialization in CAD CAM & Robotics)-2015. University of Mumbai. 3. B.E- Production Engineering-2007 University of Mumbai. 	
<u>TEACHING / ACADEMIC EXPERIENCE:</u>	<ol style="list-style-type: none"> 1. Assistant Professor (Mechanical Engineering). July 2013- Present. Fr. Conceicao Rodrigues College of Engineering Mumbai 2. Assistant Professor (Production Engineering). August 2009 to June 2013. Shivaji Rao S Jondhale College of Engineering Mumbai 3. Application Engineer at Dembla Valve Ltd, Thane January 2008 to Jan 2009. 	
<u>PUBLICATIONS:</u>	<ol style="list-style-type: none"> 1. Bhise, D. K., Patil, B. T., Shaikh, V. A et.al (2022). Comparative Economic Analysis and Investigation of Micro Lubrication Over Conventional Cooling in Manufacturing, EPPM-Journal (Under Review, Scopus Index) 2. Bhise D.K., Patil B. T., Shaikh V (2019) Micro lubrication: A way to enhance the machining operation. Industrial Engineering Journal,ISSN 0970-2555, https://doi.org/10.26488/IEJ.12.4.1169 (UGC Approved Journal as per UGC-Care List) 3. Bhise, D. K., Patil, B. T., & Shaikh, V. A. (2021). Air Assisted Atomization Characterization of Biodegradable Fluid Using Microlubrication Technique. In Materials Science Forum (Vol. 1019, pp. 211-217). ISSN NO: 0255-5476 https://doi.org/10.4028/www.scientific.net/MSF.1019.211 	

	<ol style="list-style-type: none"> 4. Khatu, R. D., Patil, B. T., Bhise, D. K., & Vaishnav, H. B. (2022). Design of a fixture for wire-cut EDM: A generic approach. <i>Materials Today: Proceedings</i>, 49, 2034-2041. https://doi.org/10.1016/j.matpr.2021.08.214 5. Bhise, D. K., Patil, B. T., Shaikh, V. A., & Deshmukh, S. P. (2020). Investigating the microlubrication flow inside the nozzle using computational fluid dynamics. <i>Materials Today: Proceedings</i>, 27, 492-496. ISSN NO:2214-7853 https://doi.org/10.1016/j.matpr.2019.11.290 6. Bhise D..K., Patil B. T., Shaikh V.,, A Review of Micro Lubrication for Metal Working Process, International Conference on Role of Industrial Engineering in Industry 4.0 Paradigm, organized by IIIE, Bhubaneshwar in association with SOA, ICIEIND– 2018. 7. Patel, Vidhiksha, Dipali Bhise, Johney Xavier, Bharat Kumavat, Rakesh Lode, Karthik Pavaskar, and Divya Ramachandran. "Analysis of S-4180 using computational fluid dynamics." In 2017 International Conference on Advances in Computing, Communication and Control (ICAC3), pp. 1-4. IEEE, 2017. DOI:10.1109/ICAC3.2017.8318776 8. Dipali K Bhise, Bhushan T. Patil, Vasim A Shaikh., A Review of Semisolid Casting , International Conference on Manufacturing and Industrial Engineering – 2017 (ICMIE-2017), September 2017 Organized by Indian Institution of Industrial Engineering. 9. Dipali K.Bhise, D.S.S.Sudhakar, HitendraB.Vaishnav,“ Analysis of CH10sm airfoil using computational fluid dynamics”, International conference on Advances in Computer, Communication, and Control 2003-04, ICAC4’15. 10. Hitendra B. Vaishnav, D.S.S.Sudhakar, Dipai k.Bhise, “Effect of Front wing on racing car”, International conference on Advances in Computer, Communication, and Control 2003-04, ICAC4’15.
<p><u>STTP/FDP/SEMINAR</u> <u>/TRAINING:</u></p>	<ol style="list-style-type: none"> 1. Training Program On “Innovation, IPR, Entrepreneurship and start-ups” Conducted by IIC of MHRD’s Innovation cell from From 28th April to 22nd may 2020 2. One-week Faculty Development Program on “Innovation , Entrepreneurship and its Relevance in industry 4.0 practices in the post covid-19 situation” from May 25-29,2020. 3. One-week Faculty Development Program on “Renewable Energy sources” May 15-21,2020.

	<ol style="list-style-type: none">4. One-week Faculty Development Program on “Python” offered by Spoken Tutorial Project, IIT Bombay funded by National Mission on Education through ICT, MHRD Govt, of India5. One-week Faculty Development Program on “LaTeX” offered by Spoken Tutorial Project, IIT Bombay funded by National Mission on Education through ICT, MHRD Govt, of India6. Two Day Faculty Development Program on "Hands on Training on Mechatronics' System" from 19th and 20th August 2016.7. One-week ISTE approved STTP on "Energy Conservation and Auditing: Application to Industry" from 28th December 2015 to 2nd January 2016.8. One Week Faculty Development Program on "Digital Prototyping for product Design" From 6th July 2015 to 10th July 2015.9. Participated in Seminar-cum-Project competition & presented project titled "Analysis of airfoil using computational Fluid Dynamics" in Expanding Horizons in Manufacturing Sector held on 16th & 17th March 2015, organized by ISME & D.J. Sanghvi COE.10. Two Day Faculty Development Program on "Simulation of Manufacturing Systems" from 13th and 14th March 2015.11. One-week STTP Training on CFD Application & Engineering Analysis using Software from 11th to 15th November 2013.
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