

	<b>Name</b>	<b>Dr. Mukundrao Anandrao Kadam</b>		
	<b>Designation</b>	<b>Associate Professor</b>		
	<b>Department</b>	<b>Mechanical, Bharati Vidyapeeth (Deemed to be University) College of Engineering Pune.</b>		
	<b>Qualification</b>	<b>Ph.D. Mechanical Engineering</b>		
	<b>Contact No.</b>	9975078393	<b>Ph. Extension</b>	295
	<b>Email ID</b>	makadam@bvucoep.edu.in		
	<b>Experience</b>	<b>Teaching:</b>	28 Years	<b>Industry/ Research:</b>

<b>Title of Ph.D. Thesis</b>	Heat Transfer and Geometrical Considerations in Solar Parabolic Trough Receiver Design			
<b>Research Area</b>	Solar Energy, Thermal Engineering.			
<b>Research Publications</b>	<b>International Journal (s):</b>	07	<b>National Journals (s):</b>	-----
	<b>International Conference (s):</b>	04	<b>National Conference:</b>	01
<b>Research Metrics</b>	<i>Google Scholar Citations:</i> 04 <i>H Index:</i> 01	<i>SCOPUS Citations:</i> 01 <i>H Index:</i> 01	<i>Web of Science citations:</i> <i>H Index:</i>	
<b>Publication Details</b>	<p style="text-align: center;"><b>International Journals:</b></p> <ol style="list-style-type: none"> <li>1) M.A. Kadam, Dr. D.G. Kumbhar, Dr. A.M. Pawar, “CFD and Experimentation on Heat Transfer Enrichment in Receiver Tube for Parabolic Trough Collector” Test Engineering &amp; Management, ISSN: 0193-4120, Page No. 9695-9702, January-February 2020. Scopus Indexed.</li> <li>2) M.A. Kadam, Dr. D.G. Kumbhar, Dr. A.M. Pawar, “Heat Transfer Enhancement of Receiver Tube with Twisted Tape Inserts and Vortex Generator at Different Orientation using CFD Analysis”, International Journal of Advanced Science and Technology, Vol.-29 No. 4, pp-1664 – 1672, April-2020. Scopus Indexed.</li> <li>3) M.A. Kadam, Dr. D.G. Kumbhar, Ashish Mantri, “Heat Transfer Enhancement of Receiver Tube Using Twisted Tape Insert”, IJTIR – June 2018, Volume - 5, Issue – 6, ISSN -2349-5162.pp 452-459.</li> <li>4) M.A. Kadam, Swati Patel, “Heat Transfer and Fluid Flow Analysis of Circular Receiver Tube of Solar Collector”, International Journal of Engineering Research and General Science”, Vol. -5 Iss.-3, ISSN 2091-2730, May-June - 2017.</li> <li>5) M. A. Kadam, Dhananjay Desai, “Analysis and Development of Energy Absorbing Crash Box”. IJARIE, ISSN (0) 2395- 4396, Vol.-2, Iss.-3, 2016.</li> <li>6) M.A. Kadam, Kedarnath Chaudhary, Krishnan Mahadevan, “Design and Analysis of Servo Housing Fixture to Improve the Dynamic Performance” Imperial Journal of Interdisciplinary Research, Volume-2, Issue-7, ISSN:2454-1362, 2016.</li> </ol>			

	<p>7) M.A. Kadam, Rahul Gadekar, Dr. S.S. Kadam. “Flexibility of Existing SUPD Designs for Impact Load Testing of Motor Bikes”, IJESRT, ISSN: 2277-9655, June 2015.</p> <p style="text-align: center;"><b>International Conference:</b></p> <p>1) M.A. Kadam, Swati Patel, Dr. N.K. Sane. “The Heat Transfer and Fluid Flow Analysis Of Receiver Tube Of Solar Collector” Proceedings of the 24th National and 2nd International ISHMT-ASTFE -IHMTTC-2017, December 27-30, 2017, BITS Pilani, Hyderabad, India.</p> <p>2) Kadam M.A., Dr. S. B. L. Garg “Exploring regions of application of single and double axis solar tracking systems”. International conference on ‘Advances in Mechanical Engineering’ August 2009. S.V.N.I.T. SURAT.</p> <p>3) Kadam M.A., Dr. S. B. L. Garg “Adopting Nuclear and solar energies as alternative power sources”. International conference on ‘Advances In Mechanical Engineering’ June 20011. S.V.N.I.T. SURAT.</p> <p>4) Kadam M. A., Dr. S. B. L. Garg “Study and comparison of solar Insolation and clearness Index” Recent Advances in Mechanical Engineering, (INCROME -2012) Dr. M.G.R. Educational and Research Institute University, CHENAI.</p> <p style="text-align: center;"><b>National Conference:</b></p> <p>1) Kadam M.A., S. T. Chavan “Study and comparison of different properties and performance of Bio-diesel and petroleum diesel” National conference on Recent Trends in Energy Engineering and management” (NCRTEAM 2007) Warananagar 416113.</p>
<p><b>Workshop Organized</b></p>	<p>1) National Seminar on Research in Renewable Energy organized by Bharati Vidyapeeth (Deemed to be University) College of Engg. Pune. - 2017</p> <p>2) Research in Energy Technologies organized by Mechanical Engineering Department, Bharati Vidyapeeth (Deemed to be University), College of Engg. Pune- 2020</p>
<p><b>Conference attended</b></p>	<p>1) 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), December 27-30, 2017, BITS Pilani, Hyderabad, India</p> <p>2) International conference on ‘Advances In Mechanical Engineering’ August 2009. S.V.N.I.T. SURAT</p> <p>3) International conference on ‘Advances In Mechanical Engineering’ June 20011. S.V.N.I.T. SURAT.</p> <p>4) National conference on Recent Trends in Energy Engineering and management” (NCRTEAM 2007) Warananagar 416113.</p>

<p><b>Workshop Attended</b></p>	<ol style="list-style-type: none"> <li>1) Online workshop for Faculty Development on NAAC Documentation, organized by Bharati Vidyapeeth Deemed University College of Architecture, Pune, April 2021</li> <li>2) Short Term Training Programme through ICT Mode on “Assessment and Evaluation under Outcome Based Education” organized by National Institute of Technical Teachers Training and Research, Kolkata. June 2019</li> <li>3) Author Workshop Jointly Organized by Springer Nature and BV (DU), COE , Pune. March 2017</li> <li>4) Institute of Quality and Reliability, Design of Experiments workshop, held at Mechanical Engineering Department, BV (DU), COE, Pune. March 2015.</li> <li>5) TEQIP-II Sponsored Workshop on “Understanding the Mind &amp; Conditioning Ourselves Through EFT, organized by Bharati Vidyapeeth (DU), COE, Pune. July 2014.</li> <li>6) TEQIP -II Sponsored Workshop on Working Climate Analysis, organized by Bharati Vidyapeeth Deemed University College of Engg. Pune.</li> <li>7) TEQIP-II Sponsored Workshop on “Mantras for Personal Effectiveness”, Organized by Bharati Vidyapeeth Deemed University College of Engg. Pune. August 2013.</li> </ol>
<p><b>Training Program Attended</b></p>	<ol style="list-style-type: none"> <li>1) Faculty Training Program on Automation Studio, Prosimulator (Power Plant Simulator), Delcam (CAD CAM Simulation), Witness Simulation and CNC Simulator June 2016</li> <li>2) Training Program on “Introduction to Hydraulics &amp; Pneumatics” Conducted by Training Division TATA Motors, 13 &amp; 14 March 2010</li> <li>3) Training Program on “Advanced Hydraulics &amp; Pneumatics” Conducted by Training Division TATA Motors, 20 &amp; 21 March-2010</li> <li>4) Industrial Training for Faculty at Mahindra &amp; Mahindra, Nasik. Organized by MEDC &amp; MSBTE. July 2006</li> <li>5) Faculty Training Programme at Thermax Limited, Pune, organized by MEDC &amp; MSBTE October 2005.</li> </ol>
<p><b>Faculty Development Program Attended</b></p>	<ol style="list-style-type: none"> <li>1) Online FDP on “Renewable Energy Sources: A Way Ahead” organised by Department of Mechanical Engg. In association with ASM International pune chapter &amp; ISHRAE Nagpur chapter, 2020</li> <li>2) Online International FDP on “Open FOAM” organised under Spoken Tutorial Project, IIT Bombay at Department of Mechanical Engg. Sir Visvesvaraya Institute of Technology, Nashik. 2020</li> <li>3) Online Student &amp; FDP on “Role of Engineer in Uplifting the Industry Post COVID-19 Lock Down In India” Organised by Department of Mechanical Engineering, Sandip Institute of Engineering &amp; Management. 2020</li> <li>4) Online International FDP on “Future Advancements and Application of Internet of Things” organized by electronics 7 Telecommunication department of Sandip Institute of Engg. &amp; Management, Nashik. 2020</li> </ol>

<b>Research Project</b>	Heat Transfer and Geometrical Considerations in Solar Parabolic Trough Receiver Design.
<b>Professional Memberships</b>	LM-ISTE
<b>Awards/ Achievements</b>	1) Received grant of Rs-13,50,000/- Under MODROBS-2013-14 2) Received a research grant of Rs.50, 000/- from BVDU, Pune. 3) Received National Award for Best B. Tech. Project in Mechanical Engineering at NIT Kozhikode-2007