

	Name	Dr. Mukundrao Anandrao Kadam			
	Designation	Associate Professor			
	Department	Mechanical, Bharati Vidyapeeth (Deemed to be University) College of Engineering Pune.			
	Qualification	Ph.D. Mechanical Engineering			
	Contact No.	9975078393		Ph. Extension	295
	Email ID	makadam@bvucoep.edu.in			
	Experience	Teaching:	28 Years	Industry/ Research:	6 Months

Title of Ph.D. Thesis	Heat Transfer and Geometrical Considerations in Solar Parabolic Trough Receiver Design			
Research Area	Solar Energy, Thermal Engineering.			
Research Publications	International Journal (s):	07	National Journals (s):	-----
	International Conference (s):	04	National Conference:	01
Research Metrics	<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>	
Publication Details	International Journals:			
	<div>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 & Management, ISSN: 0193-4120, Page No. 9695-9702, January-February 2020. Scopus Indexed.</div> <div>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.</div> <div>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.</div> <div>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.</div> <div>5) M. A. Kadam, Dhananjay Desai, “Analysis and Development of Energy Absorbing Crash Box”. IJARIIIE, ISSN (0) 2395- 4396, Vol.-2, Iss.-3, 2016.</div> <div>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.</div>			

	<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>International Conference:</p> <ol style="list-style-type: none"> 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. 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. 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. 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>National Conference:</p> <ol style="list-style-type: none"> 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.
Workshop Organized	<ol style="list-style-type: none"> 1) National Seminar on Research in Renewable Energy organized by Bharati Vidyapeeth (Deemed to be University) College of Engg. Pune. - 2017 2) Research in Energy Technologies organized by Mechanical Engineering Department, Bharati Vidyapeeth (Deemed to be University), College of Engg. Pune- 2020
Conference attended	<ol style="list-style-type: none"> 1) 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), December 27-30, 2017, BITS Pilani, Hyderabad, India 2) International conference on ‘Advances In Mechanical Engineering’ August 2009. S.V.N.I.T. SURAT 3) International conference on ‘Advances In Mechanical Engineering’ June 20011. S.V.N.I.T. SURAT. 4) National conference on Recent Trends in Energy Engineering and management” (NCRTEAM 2007) Warananagar 416113.

Workshop Attended	<ol style="list-style-type: none"> 1) Online workshop for Faculty Development on NAAC Documentation, organized by Bharati Vidyapeeth Deemed University College of Architecture, Pune, April 2021 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 3) Author Workshop Jointly Organized by Springer Nature and BV (DU), COE , Pune. March 2017 4) Institute of Quality and Reliability, Design of Experiments workshop, held at Mechanical Engineering Department, BV (DU), COE, Pune. March 2015. 5) TEQIP-II Sponsored Workshop on “Understanding the Mind & Conditioning Ourselves Through EFT, organized by Bharati Vidyapeeth (DU), COE, Pune. July 2014. 6) TEQIP -II Sponsored Workshop on Working Climate Analysis, organized by Bharati Vidyapeeth Deemed University College of Engg. Pune. 7) TEQIP-II Sponsored Workshop on “Mantras for Personal Effectiveness”, Organized by Bharati Vidyapeeth Deemed University College of Engg. Pune. August 2013.
Training Program Attended	<ol style="list-style-type: none"> 1) Faculty Training Program on Automation Studio, Prosimulator (Power Plant Simulator), Delcam (CAD CAM Simulation), Witness Simulation and CNC Simulator June 2016 2) Training Program on “Introduction to Hydraulics & Pneumatics” Conducted by Training Division TATA Motors, 13 & 14 March 2010 3) Training Program on “Advanced Hydraulics & Pneumatics” Conducted by Training Division TATA Motors, 20 & 21 March-2010 4) Industrial Training for Faculty at Mahindra & Mahindra, Nasik. Organized by MEDC & MSBTE. July 2006 5) Faculty Training Programme at Thermax Limited, Pune, organized by MEDC & MSBTE October 2005.
Faculty Development Program Attended	<ol style="list-style-type: none"> 1) Online FDP on “Renewable Energy Sources: A Way Ahead” organised by Department of Mechanical Engg. In association with ASM International pune chapter & ISHRAE Nagpur chapter, 2020 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 3) Online Student & 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 & Management. 2020 4) Online International FDP on “Future Advancements and Application of Internet of Things” organized by electronics 7 Telecommunication department of Sandip Institute of Engg. & Management, Nashik. 2020

Research Project	Heat Transfer and Geometrical Considerations in Solar Parabolic Trough Receiver Design.
Professional Memberships	LM-ISTE
Awards/ Achievements	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