

	Name	Dr. Kailasnath B. Sutar		
	Designation	Asso. Prof. and Head of Department		
	Department	Mechanical Engineering		
	Qualification	B. E. Mechanical (RIT Sakharale) M. Tech. (BATU Lonere), Ph. D. Mechanical Engineering (IIT Delhi)		
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	Experience	Teaching :	15 Years	Research :

Area of Interest	Biomass Gasification, Combustion and Heat Transfer			
Publications	International Journal (s):	01	National Journals (s) :	---
	International Conference (s):	02	National Conference:	01
Publication Details	<p>Publications in Refereed Journals</p> <ol style="list-style-type: none"> 1. Kailasnath B. Sutar, Sangeeta Kohli, M. R. Ravi, Anjan Ray. Biomass cookstoves: a review of technical aspects. <i>Renewable and Sustainable Energy Reviews</i>, 41(2015): 1128–1166. 2. Sutar, Kailasnath B., M. R. Ravi, and Sangeeta Kohli. Design of a partially aerated naturally aspirated burner for producer gas. <i>Energy</i> 116 (2016): 773-785. 3. Kailasnath B. Sutar, Sangeeta Kohli, M. R. Ravi. Design, Development and Testing of Small Downdraft Gasifiers for Domestic Cookstoves. <i>Energy</i>. 124 (2017) 447-460. 4. Kailasnath B. Sutar, Rohit Singh, Abhiram Karmarka, Ajeet Sharma, Vedant Rathore Experimental Investigation on Thermal Performance of Three Natural Draft Biomass Cookstoves. <i>Energy Efficiency</i>, Under Review. 5. Survey for Analyzing Domestic LPG Utilization Trends in Households of Pune Region. S Mokashi, KB Sutar <i>Imperial Journal of Interdisciplinary Research</i> 2 (7) 2016: 1344-46. 6. Numerical Analysis of Different Airfoils Using QBlade Software. PR Dhurpate, KB Sutar, SA Kale. <i>Imperial Journal of Interdisciplinary Research</i> 2 (6) 2016: 1426-30. <p>Conference Proceedings</p> <ol style="list-style-type: none"> 1. Kailasnath B. Sutar, Sangeeta Kohli, M. R. Ravi. Some issues in testing of biomass cookstoves. <i>Proceedings of the 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017)</i> BITS Pilani, Hyderabad, India. 27th-30th Dec. 2017. 			

	<ol style="list-style-type: none"> 2. Kailasnath B. Sutar, Ninad Ghormade et al. Development of Two Natural Draft Biomass Cookstoves for Rural Application. <i>2nd National Conference on Recent Trends in Mechanical Engineering</i>. Walchand College of Engineering, Sangli, Maharashtra. 29th and 30th June, 2017. 3. Kailasnath B. Sutar, Rohit Singh, Abhiram Karmarka, Ajeet Sharma, Vedant Rathore. Experimental Investigation on Thermal Performance of Three Natural Draft Biomass Cookstoves. <i>1st National Conference on Recent Trends in Mechanical Engineering</i>. Walchand College of Engineering, Sangli, Maharashtra. 5th and 6th July, 2016. 4. Kailasnath B. Sutar, Sangeeta Kohli, M. R. Ravi. Poster Presentation on: Issues in laboratory testing of biomass cookstoves. <i>Indo-US Workshop on Biofuel Combustion and Sprays</i>, Indian Institute of Science Bangalore, 22nd-23rd June, 2011. 5. Kailasnath B. Sutar, Sangeeta Kohli, M. R. Ravi. Development of a laboratory model of a domestic downdraft gasifier cookstove. <i>IVth International Conference on Advances in Energy Research</i>, Indian Institute of Technology Bombay, Mumbai, 10-12th Dec. 2013, pp. 611-618. 6. Kailasnath B. Sutar, Sangeeta Kohli, M. R. Ravi. Some issues in testing of biomass cookstoves. <i>2014 ETHOS Conference, Kirkland, Washington, USA</i>, 24-26th Jan. 2014. <p>Kailasnath B. Sutar, Sangeeta Kohli, M. R. Ravi. Poster Presentation on: Development of a domestic downdraft gasifier cookstove. <i>Research Scholars Day 2014</i>, Indian Institute of Technology Delhi, 11th April, 2014.</p>
Books Published	Nil
Professional Memberships	1. Life Member: ISTE. Membership No. LM27809 dated 15 th Oct. 1999

<p>Workshop/ Seminar/Conference attended</p>	<p>Workshop/ Seminar/Conference Attended</p> <ol style="list-style-type: none"> 1. Advanced Training programme on “Energy Efficiency” organised by CII Pune on 24th and 25th Jan. 2018. 2. Faculty Development Program on “Automation Studio, Prosimulator (Power Plant Simulator), DelCam (CAD/CAM Simulator), Witness Simulation and CNC Simulator” at Department of Mechanical Engineering, BVDUCOE, Pune in association with IndiaSoft Technologies (P) Ltd. Pune 29th June to 3rd July, 2016. 3. Faculty Development Program on “<i>Industrial Automation</i>”. PVG College of Engineering, Pune, 18th-19th Sept. 2015. 4. Indo-US Workshop on “<i>Biofuel Combustion and Sprays</i>”. Indian Institute of Science Bangalore, 22nd-23rd June, 2011. 5. British Council/ IIT Delhi “<i>Intensive English Summer Camp</i>”. Indian Institute of Technology Delhi. 12th -24th July 2010. 6. Continuing Education Programme on “<i>Computational Fluid Dynamics</i>”. Dr. Babasaheb Ambedkar Technological University Lonere, Raigad, 11th- 16th December, 2006.
<p>Achievements</p>	<ul style="list-style-type: none"> • Research grant of Rs. 3.00 lacs has been sanctioned through Institutionally Funded Research Project (IFRP) under TEQIP-II for the research project entitled “<i>Experimental Investigation on Thermal and Emission Performance of Four Biomass Cookstoves</i>”
<p>Extra Activities</p>	<ul style="list-style-type: none"> • Member Board of Studies, Mechanical and Production Engineering • Development of Cookstove Research Laboratory