

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Publications**

**2018-19**

<b>SR. NO.</b>	<b>NAME OF FACULTY</b>	<b>NATIONAL/ INTERNATIONAL</b>	<b>NAME OF JOURNAL / CONF/BOOK/</b>	<b>Page No. Vol No.</b>	<b>TITLE OF PAPER</b>	<b>NAME OF ORGANISING AGENCY / CONF</b>	<b>DATE &amp; MONTH</b>
1.	Prof V R Kulkarni	International	International Journal of Modern Physics B	Vol. 32, No. 19, 1840040 (2018)	Effect of chromium addition on properties of sinter-forged Fe-Cu-C alloy steel	International Journal of Modern Physics B ISSN (print): 0217-9792   ISSN (online): 1793-6578	02 July 2018
2.	Prof S M Gaikwad	International	FMFP-2018 7 <sup>th</sup> International and 45 <sup>th</sup> National Fluid Mechanics and Fluid Power Conference	-	Investigation of heat and fluid characteristics in straight and zig-zag microchannel with and without nano-fluid	IIT Bombay	10-12 Dec 2018
3.	Prof J D Patil	National	NSCS-27 27 <sup>th</sup> National symposium on cryogenics and superconductivity	-	Experimental study of Oscillation controlled heat transport tube: An application of shuffle heat transfer	IIT Bombay	16-18 Jan 2019
4.	Prof J D Patil	National	27 <sup>th</sup> National symposium on cryogenics and superconductivity	-	Analysis of cyclic flow heat exchanger used in pulse tune crycoolers	IIT Bombay	16-18 Jan 2019
5.	Prof S M Gaikwad	National	27 <sup>th</sup> National symposium on cryogenics and superconductivity	-	Experimental study of Oscillation controlled heat transport tube: An application of	IIT Bombay	16-18 Jan 2019

					shuffle heat transfer		
6.	Prof S M Gaikwad	National	27 <sup>th</sup> National symposium on cryogenics and superconductivity	-	Analysis of cyclic flow heat exchanger used in pulse tune crycoolers	IIT Bombay	16-18 Jan 2019
7.	Prof S M Gaikwad	National	NCETME 2019	-	Experimental investigation of heat transfer in microchannel heat sink using nanofluid	VIT Pune	7-8 Feb 2019
8.	Prof S M Gaikwad	National	NCETME 2019	-	heat transfer enhancement of electronic circuits using novel minichannel heat sink by numerical analysis	VIT Pune	7-8 Feb 2019

### Journal Publications

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1	Prof V R Kulkarni	International	Journal of Modern Physics B	Vol. 32, No. 19, 1840040 (2018)	Effect of chromium addition on properties of sinter-forged Fe-Cu-C alloy steel	International Journal of Modern Physics B ISSN (print): 0217-9792   ISSN (online): 1793-6578  <a href="https://doi.org/10.1142/S0217979218400404">https://doi.org/10.1142/S0217979218400404</a>	2-Jul-18

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