

## SUMMARY OF PUBLICATIONS (SH24)

Sr. No.	Type of Publication	No. of Publications
1.	Journal Publications	09
2.	Conference Publications	01

**PAPERS PUBLISHED IN JOURNALS**

**SH24**

<b>Sr. No.</b>	<b>Name of Faculty Member</b>	<b>Details of Papers Published</b>	<b>Date</b>	<b>DOI</b>	<b>Category</b>
1.	S. M. Khot	Salunkhe, V. G., Khot, S. M., Jadhav, P. S., Yelve, N. P., and Kumbhar, M. B. (October 14, 2024). "Experimental Investigation Using Robust Deep VMD-ICA and 1D-CNN for Condition Monitoring of Roller Element Bearing." ASME. J. Comput. Inf. Sci. Eng. December 2024; 24(12): 124501. <a href="https://doi.org/10.1115/1.4066595">https://doi.org/10.1115/1.4066595</a>	Oct 14, 2024	<a href="https://doi.org/10.1115/1.4066595">https://doi.org/10.1115/1.4066595</a>	SCI
2.	Aqleem Siddiqui	Sanjay Rukhande, Siddhant Amrutkar, Abhishek Joshi, Yash Jethwa, Kaushal Gujar, Aqleem Siddiqui, Badal Kudachi, "Wet Sliding Wear Investigation of Ni-Based Coating for Piston Cylinder", Journal of Materials and Applications, Vol 13 No 2 (2024), 21-29, <a href="https://doi.org/10.32732/jma.2024.13.2.21">https://doi.org/10.32732/jma.2024.13.2.21</a>	July 10, 2024	<a href="https://doi.org/10.32732/jma.2024.13.2.21">https://doi.org/10.32732/jma.2024.13.2.21</a>	Non Scopus
3.	Sanjay Rukhande	Sanjay Rukhande, Siddhant Amrutkar, Abhishek Joshi, Yash Jethwa, Kaushal Gujar, Aqleem Siddiqui, Badal Kudachi, "Wet Sliding Wear Investigation of Ni-Based Coating for Piston Cylinder", Journal of Materials and Applications, Vol 13 No 2 (2024), 21-29, <a href="https://doi.org/10.32732/jma.2024.13.2.21">https://doi.org/10.32732/jma.2024.13.2.21</a>	July 10, 2024	<a href="https://doi.org/10.32732/jma.2024.13.2.21">https://doi.org/10.32732/jma.2024.13.2.21</a>	Non Scopus
4.	Praseed Kumar	J.Om Prasaad, Chetan Aade, Pranav Ghanvat, Biradar Mustaffa, Praseed Kumar and Shamim Pathan, "Design & Development of a Semi-Automated Pneumatic System for Production of Washers", Recent Advances in Science, Engineering & Technology, International Conference on Recent Advances in Science, Engineering & Technology, pp-372,2024	Aug 02, 2024	<a href="https://doi.org/10.1201/9781003527442">https://doi.org/10.1201/9781003527442</a>	Scopus (Book Chapter)
5.	Shamim Pathan	J.Om Prasaad, Chetan Aade, Pranav Ghanvat, Biradar Mustaffa, Praseed Kumar and Shamim Pathan, "Design & Development of a Semi-Automated Pneumatic System for Production of Washers", Recent Advances in Science, Engineering & Technology, International Conference on Recent Advances in Science, Engineering & Technology, pp-372,2024	Aug 02, 2024	<a href="https://doi.org/10.1201/9781003527442">https://doi.org/10.1201/9781003527442</a>	Scopus (Book Chapter)
6.	Badal Kudachi	Sanjay Rukhande, Siddhant Amrutkar, Abhishek Joshi, Yash Jethwa, Kaushal Gujar, Aqleem Siddiqui, Badal Kudachi, "Wet Sliding Wear Investigation of Ni-Based Coating for Piston Cylinder", Journal of Materials and Applications, Vol 13 No 2 (2024), 21-29, <a href="https://doi.org/10.32732/jma.2024.13.2.21">https://doi.org/10.32732/jma.2024.13.2.21</a>	July 10, 2024	<a href="https://doi.org/10.32732/jma.2024.13.2.21">https://doi.org/10.32732/jma.2024.13.2.21</a>	Non Scopus

7.	V. G. Salunkhe	Salunkhe, V. G., Khot, S. M., Jadhav, P. S., Yelve, N. P., and Kumbhar, M. B. (October 14, 2024). "Experimental Investigation Using Robust Deep VMD-ICA and 1D-CNN for Condition Monitoring of Roller Element Bearing." ASME. J. Comput. Inf. Sci. Eng. December 2024; 24(12): 124501. <a href="https://doi.org/10.1115/1.4066595">https://doi.org/10.1115/1.4066595</a>	Oct 14, 2024	<a href="https://doi.org/10.1115/1.4066595">https://doi.org/10.1115/1.4066595</a>	SCI
8.	V. G. Salunkhe	Mali, A. R., Shinde, P. V., Patil, A. P., Salunkhe, V. G., Desavale, R. G., and Jadhav, P. S. (September 13, 2024). "A Novel Method for Bearing Fault Diagnosis Based on Novel Feature Sets With Machine Learning Technique." ASME. J. Tribol. February 2025; 147(2): 024301. <a href="https://doi.org/10.1115/1.4066306">https://doi.org/10.1115/1.4066306</a>	Sept 13, 2024	<a href="https://doi.org/10.1115/1.4066306">https://doi.org/10.1115/1.4066306</a>	SCI
9.	Kishor Mane	Javed Sikandar Shaikh, Saleel Ismail, Uday Aswalekar, Kishor Vishwanath Mane, Ganesh Wahile, "Theoretical and experimental investigation of a pilot-scale solar air-heated humidification dehumidification desalination system", Solar Energy, Volume 285, 2025, 113122, ISSN 0038-092X, <a href="https://doi.org/10.1016/j.solener.2024.113122">https://doi.org/10.1016/j.solener.2024.113122</a> .	Nov 14, 2024	<a href="https://doi.org/10.1016/j.solener.2024.113122">https://doi.org/10.1016/j.solener.2024.113122</a>	SCI

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<b>Sr. No.</b>	<b>Name of Faculty Member</b>	<b>Details of Papers Published</b>	<b>Date</b>	<b>Category</b>	<b>Reg. Amount received</b>
<b>1</b>	Dhananjay Panchagade	Prathamesh Bodhe, Dhananjay Panchagade, "Pneumatically Operated Upper Body Exoskeleton", International Conference on Advances in Thermal Systems, Materials and Design Engineering (ATSMDE - 2024) VJTI, Mumbai, India, Dec, 27-28, 2024, pp. 1-5	27-28 Dec 2024	--	2000/-