

## SUMMARY OF PUBLICATIONS (FH23)

Sr. No.	Type of Publication	No. of Publications
1.	Journal Publications	19
2.	Conference Publications	18

**PAPERS PUBLISHED IN JOURNALS**

**FH23**

<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	Raut A.S., Khot S.M. & Salunkhe V.G. "Optimization of Geometrical Features of Spur Gear Pair Teeth for Minimization of Vibration Generation", J. Vib. Eng. Technol., Jan 2023	05 Jan 2023	<a href="https://doi.org/10.1007/s42417-023-00857-0">https://doi.org/10.1007/s42417-023-00857-0</a>	Web of Science
2.	S. M. Khot	Salunkhe V. G., Desavale R. G., Khot S. M., and Yelve, N. P, "A Novel Incipient Fault Detection Technique for Roller Bearing Using Deep Independent Component Analysis and Variational Modal Decomposition." ASME. J. Tribol. vol.145, no.(7), pp. 074301-16, April 2023	03 April 2023	<a href="https://doi.org/10.1115/1.4056899">https://doi.org/10.1115/1.4056899</a>	Web of Science
3.	Nilaj N. Deshmukh	N. N. Deshmukh, A. Ansari, S. Degwekar, B. Paul, and R. Unnikrishnan, "Effect of geometrical parameters and use of porous material in a Helmholtz resonator on suppression of thermo-acoustic instabilities," Int. J. Spray Combust. Dyn., p. 175682772311589, Mar. 2023, doi: 10.1177/17568277231158900	07 March 2023	<a href="https://doi.org/10.1177/17568277231158900">https://doi.org/10.1177/17568277231158900</a>	Scopus
4.	Nilaj N. Deshmukh	N. N. Deshmukh, A. Ansari, P. Kumar, A. V. George, F. J. Thomas, and M. S. George, "MethodsX Development of closed-loop active control method for suppression of thermoacoustic instability using radial air micro-jets," MethodsX, vol. 10, no. March, p. 102123, 2023, doi: 10.1016/j.mex.2023.102123.	12 March 2023	<a href="https://doi.org/10.1016/j.mex.2023.102123">https://doi.org/10.1016/j.mex.2023.102123</a>	Scopus
5.	Nilaj N. Deshmukh	N. N. Deshmukh, S. D. Sharma, and A. Ansari, "Experimental method for temperature measurement on lateral planes along a Rijke tube to assess efficacy of control method," MethodsX, vol. 10, no. January, p. 102170, 2023	03 April 2023	<a href="https://doi.org/10.1016/j.mex.2023.102170">https://doi.org/10.1016/j.mex.2023.102170</a>	Scopus
6.	Aqleem Siddiqui	Kamlesh Sasane, Aqleem Siddiqui, Suryateja Chadawalawada, Shanto Mathai, Quirenius Mendonsa, Aldrin Rego, and Melissa Vazapully, "Design and Development of Semi-automated Manual Transmission", Recent Advances in Mechanical Engineering. Lecture Notes in Mechanical Engineering, Springer, pp 257-265, 2023	04 June 2023	<a href="https://doi.org/10.1007/978-981-19-9493-7_25">https://doi.org/10.1007/978-981-19-9493-7_25</a>	Scopus Book Chapter
7.	Prasad Bari	P. Bari and P. Karande, "Makespan Minimization using Hybrid Heuristic and Evolutionary Genetic Algorithm," International Journal of Industrial Engineering & Production Research, vol. 34, no. 2, pp. 1–16, 2023, doi: 10.22068/ijiepr.34.2.8.	27 May 2023	<a href="http://ijiepr.iust.ac.ir/article-1-1713-en.html">http://ijiepr.iust.ac.ir/article-1-1713-en.html</a>	Scopus
8.	Kamlesh Sasane	Kamlesh Sasane, Aqleem Siddiqui, Suryateja Chadawalawada, Shanto Mathai, Quirenius Mendonsa, Aldrin Rego, and Melissa Vazapully, "Design and Development of Semi-automated Manual Transmission", Recent Advances in Mechanical Engineering. Lecture Notes in Mechanical Engineering, Springer, pp 257-265, 2023	04 June 2023	<a href="https://doi.org/10.1007/978-981-19-9493-7_25">https://doi.org/10.1007/978-981-19-9493-7_25</a>	Scopus Book Chapter

Sr. No.	Name of Faculty Member	Details of Papers Published	Date	DOI	Category
9.	Bipin Mashilkar	Badal Kudachi, Bipin Mashilkar, Nilesh Varkute, Omkar Mawalankar, Ashish Shanbhag, Shalom Gaikwad & Antony Maria Camillus Experimental Study of PCM Based Latent Heat Thermal Energy Storage System Using Fins. In: Doolla, S., Rather, Z.H., Ramadesigan, V. (eds) Advances in Clean Energy and Sustainability. ICAER 2022. Green Energy and Technology. Springer, Singapore.	22 May 2023	<a href="https://doi.org/10.1007/978-981-99-2279-6_70">https://doi.org/10.1007/978-981-99-2279-6_70</a>	Scopus Book Chapter
10.	Nilesh Varkute	Badal Kudachi, Bipin Mashilkar, Nilesh Varkute, Omkar Mawalankar, Ashish Shanbhag, Shalom Gaikwad & Antony Maria Camillus Experimental Study of PCM Based Latent Heat Thermal Energy Storage System Using Fins. In: Doolla, S., Rather, Z.H., Ramadesigan, V. (eds) Advances in Clean Energy and Sustainability. ICAER 2022. Green Energy and Technology. Springer, Singapore.	22 May 2023	<a href="https://doi.org/10.1007/978-981-99-2279-6_70">https://doi.org/10.1007/978-981-99-2279-6_70</a>	Scopus Book Chapter
11.	Badal Kudachi	Badal Kudachi, Bipin Mashilkar, Nilesh Varkute, Omkar Mawalankar, Ashish Shanbhag, Shalom Gaikwad & Antony Maria Camillus Experimental Study of PCM Based Latent Heat Thermal Energy Storage System Using Fins. In: Doolla, S., Rather, Z.H., Ramadesigan, V. (eds) Advances in Clean Energy and Sustainability. ICAER 2022. Green Energy and Technology. Springer, Singapore.	22 May 2023	<a href="https://doi.org/10.1007/978-981-99-2279-6_70">https://doi.org/10.1007/978-981-99-2279-6_70</a>	Scopus Book Chapter
12.	Bharat S. Kale	Kale, B.S. and Bhole, K.S. "Experimental investigation and simulation of lifting plate Hele-Shaw flow under anisotropy for spontaneous development of controlled planar microstructures," International Journal on Interactive Design and Manufacturing (IJIDeM) [Preprint]., March 2023	02 March 2023	<a href="https://doi.org/10.1007/s12008-023-01261-4">https://doi.org/10.1007/s12008-023-01261-4</a>	Scopus
13.	Bharat S. Kale	Kale, Bharatbhushan S., Kiran S. Bhole, Ravindra Garmode, Sharad Valvi, and Jugal Jagtap, "Micro and meso fabrication emerged from Saffman-Taylor instability developed in Hele-Shaw cell.", International Journal on Interactive Design and Manufacturing (IJIDeM). 1-13, Mar. 2023	01 March 2023	<a href="https://doi.org/10.1007/s12008-023-01236-5">https://doi.org/10.1007/s12008-023-01236-5</a>	Scopus
14.	Bharat S. Kale	Oak Sachin, Kiran Bhole, Bharatbhushan Kale, and Harshal Dhongadi. ,"Experimental characterization of spontaneous formation of micro-fractals on conical surfaces in Hele-Shaw cell.", International Journal on Interactive Design and Manufacturing (IJIDeM), 1-11, Mar. 2023	02 March 2023	<a href="https://doi.org/10.1007/s12008-023-01260-5">https://doi.org/10.1007/s12008-023-01260-5</a>	Scopus
15.	Vishal G. Salunkhe	Salunkhe, V. G., Desavale, R. G., Khot, S. M., and Yelve, N. P, "A Novel Incipient Fault Detection Technique for Roller Bearing Using Deep Independent Component Analysis and Variational Modal Decomposition." ASME. J. Tribol. vol.145, no.(7), pp. 074301-16, April 2023	03 April 2023	<a href="https://doi.org/10.1115/1.4056899">https://doi.org/10.1115/1.4056899</a>	Web of Science

<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>
16.	Vishal G. Salunkhe	Raut, A.S., Khot, S.M. & Salunkhe, V.G. "Optimization of Geometrical Features of Spur Gear Pair Teeth for Minimization of Vibration Generation", J. Vib. Eng. Technol., Jan 2023	05 Jan 2023	<a href="https://doi.org/10.1007/s42417-023-00857-0">https://doi.org/10.1007/s42417-023-00857-0</a>	Web of Science
17.	Afzal Ansari	Nilaj Deshmukh, Afzal Ansari, Praseed Kumar, Allen Varghese George, Febin Joseph Thomas, Merick Steve George "Development of Closed-Loop Active Control Method for Suppression of Thermoacoustic Instability Using Radial Air Micro-Jets", MethodsX, 2023, 102123, ISSN 2215-0161	12 March 2023	<a href="https://doi.org/10.1016/j.mex.2023.102123">https://doi.org/10.1016/j.mex.2023.102123</a>	Scopus
18.	Afzal Ansari	Deshmukh NN, Ansari A, Degwekar S, Paul B, Unnikrishnan R. "Effect of geometrical parameters and use of porous material in a Helmholtz resonator on suppression of thermo-acoustic instabilities.", International Journal of Spray and Combustion Dynamics.2023;0(0).doi:10.1177/17568277231158900	06 March 2023	<a href="https://doi.org/10.1177/17568277231158900">https://doi.org/10.1177/17568277231158900</a>	Scopus
19.	Afzal Ansari	N. N. Deshmukh, S. D. Sharma, and A. Ansari, "Experimental method for temperature measurement on lateral planes along a Rijke tube to assess efficacy of control method," MethodsX, vol. 10, no. January, p. 102170, 2023	03 April 2023	<a href="https://doi.org/10.1016/j.mex.2023.102170">https://doi.org/10.1016/j.mex.2023.102170</a>	Scopus

**PAPERS PUBLISHED IN CONFERENCES**

**FH23**

<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>
1.	Nilaj Deshmukh	Y. Kale, C. Desai, V. Mistari, T. Sonawane, P. Kumar, and N. N. Deshmukh, "Design & Development of Semi-Automated Multipurpose Electric Farming Bot," in International Conference on Nascent Technologies in Engineering (ICNTE 2023), 2023, no. 00, pp. 1–6.	20-21 Jan 2023	IEEE Xplore	5900/- (Shared with Sr. No. 11 paper)
2.	Nilaj Deshmukh	Shubham S. Makwana, Nilaj N. Deshmukh, Praseed Kumar, "Vibration Based Damage Detection in Plates Using Mode Shapes", in Proc. 4 th International Conference on Recent Advancements in Mechanical Engineering, Silchar, Assam India, Feb. 3-5, 2023.	3-5 Feb 2023	--	3000/- (Shared with Sr. No. 12 paper)
3.	Nilaj Deshmukh	Shamim Pathan, Nilaj N Deshmukh, Praseed Kumar, "Fault Diagnosis in Rotating Machines Using Vibration Analysis", in Proc. 4th International Conference on Recent Advancements in Mechanical Engineering, Silchar, Assam India, Feb. 3-5, 2023	3-5 Feb 2023	--	6000/- 3000/- (Shared with Sr. No. 13 & 14 paper)
4.	Mathewlal Thomas	T. Mathewlal, S. T. Dias, F. F. Bijle, Z. M. Barwelkar and D. S. Chettiar, "Development of an Aquatic Robot for Cleaning Swimming Pools," 2023 5th Biennial International Conference on Nascent Technologies in Engineering (ICNTE), Navi Mumbai, India, 2023, pp. 1-4, doi: 10.1109/ICNTE56631.2023.10146710.	20-21 <sup>st</sup> Jan 2023	IEEE Xplore	5900/-
5.	Aqleem Siddiqui	Aqleem Siddiqui, Adithya Basker, Malcolm Dias, Kushal Chavan, Nageshwar Avhad, " Human Following Carts (HFC) for multipurpose applications", in Proc. 5th Biennial International Conference on Nascent Technologies in Engineering, Vashi , Navi Mumbai, India, 2023	20-21 Jan 2023	IEEE Xplore	5900/-
6.	Aqleem Siddiqui	Aqleem Siddiqui, Adithya Basker, Malcolm Dias, Kushal Chavan, Nageshwar Avhad, " Line Following Cart (LFC) for office applications", in Proc. 5th Biennial International Conference on Nascent Technologies in Engineering, Vashi , Navi Mumbai, India, 2023	20-21 Jan 2023	IEEE Xplore	5900/-
7.	Prasad Bari	Vaidehi Bag, Sumedh Chinchmalatpure, Ali Ashraf Gilani, Nishant Patil, Prasad Bari, "Development of a Model for Cost Minimization in Job Sequencing with Common Due Date", in Proc. 1st International Conference on Advanced Optimization Techniques and Applications, Jharkhand, India, Jan. 21-22, 2023.	21-23 Jan 2023	Not Scopus nor Web of science	5500/-

Sr. No.	Name of Faculty Member	Details of Papers Published	Date	Category	Reg. Amount received
8.	Sanjay Rukhande	Sajjan Kumar Lal ,V.R. Gaval, Sanjay Rukhande, “Effect of Hard Chrome and its alloy Coatings on Wear Resistance and other characteristics of Base material in rolling process- A Literature Review”, pp. 14-17, Feb-2023, in Proc. 14th International Conf. on International Conference on Humanities, Sciences and Technical Education, TCET, Mumbai, India, Feb 24-25, 2023	24-25 Feb 2023	Not Scopus nor Web of science	--
9.	Sanjay Rukhande	Sanjay Rukhande, Walmik Rathod, Digvijay Bhosale, "Comparative study on dry sliding wear investigation of NiCrBSiFeC and WC-Cr3C2-Ni coating against alumina", in Proc. in 5th Biennial International Conference on Nascent Technologies in Engineering, Navi Mumbai, India, Jan. 20-21,2023. 2023	20-21 Jan 2023	IEEE Xplore	6000/-
10.	Sanjay Rukhande	Rupanjaon Das, Ishan Deshmukh, Ritu Khimasia, Febin Wilson, Swaraj Gujar, Sanjay Rukhande,"Surface Properties Enhancement for Wear Resistance using Thermal Spray Coating", in Proc. in 5th Biennial International Conference on Nascent Technologies in Engineering, Navi Mumbai, India, Jan. 20-21,2023. 2023	20-21 Jan 2023	IEEE Xplore	4720/-
11.	Praseed Kumar	Y. Kale, C. Desai, V. Mistari, T. Sonawane, P. Kumar, and N. N. Deshmukh, “Design & Development of Semi-Automated Multipurpose Electric Farming Bot,” in International Conference on Nascent Technologies in Engineering (ICNTE 2023), 2023, no. 00, pp. 1–6.	20-21 Jan 2023	IEEE Xplore	5900/- (Shared with Sr. No.1 paper)
12.	Praseed Kumar	Shubham S. Makwana, Nilaj N. Deshmukh, Praseed Kumar, “Vibration Based Damage Detection in Plates Using Mode Shapes”, in Proc. 4 th International Conference on Recent Advancements in Mechanical Engineering, Silchar, Assam India, Feb. 3-5, 2023.	3-5 Feb 2023	--	3000/- (Shared with Sr. No.2 paper)
13.	Praseed Kumar	Shamim Pathan, Nilaj N Deshmukh, Praseed Kumar, “Fault Diagnosis in Rotating Machines Using Vibration Analysis”, in Proc. 4th International Conference on Recent Advancements in Mechanical Engineering, Silchar, Assam India, Feb. 3-5, 2023	3-5 Feb 2023	--	6000/- (Shared with Sr. No.3 & 14 paper)
14.	Shamim Pathan	Shamim Pathan, Nilaj N Deshmukh, Praseed Kumar, “Fault Diagnosis in Rotating Machines Using Vibration Analysis”, in Proc. 4th International Conference on Recent Advancements in Mechanical Engineering, Silchar, Assam India, Feb. 3-5, 2023	3-5 Feb 2023	--	6000/- (Shared with Sr. No.3 & 13 paper)

<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>
15.	Deepak Devasagayam	Suvarna Rode, Deepak Devasagayam, Atharva Inamdar, Soham Jadhav, Pranav Mapari, Soumitra Sathe, "Development of a Portable Rapid Prototyping Machine Based on Fused Deposition Modeling Process", In Proc. Dr. B. R. Ambedkar National Institute Of Technology Jalandhar-144027, India Department of Industrial and Production Engineering 7th International Conference On Production And Industrial Engineering (CPIE-2023)	10-12 March 2023	--	6000/- (Shared with Sr. No.16)
16.	Suvarna Rode	Suvarna Rode, Deepak Devasagayam, Atharva Inamdar, Soham Jadhav, Pranav Mapari, Soumitra Sathe, "Development of a Portable Rapid Prototyping Machine Based on Fused Deposition Modeling Process", In Proc. Dr. B. R. Ambedkar National Institute Of Technology Jalandhar-144027, India Department of Industrial and Production Engineering 7th International Conference On Production And Industrial Engineering (CPIE-2023)	10-12 March 2023	--	6000/- (Shared with Sr. No.14)
17.	Suvarna Rode	Suvarna Rode, Ritwik Saraf, Jason Veigas, Natesh Shetty, Srushti Shardul, " Design and Fabrication of IoT based Agricultural Automation system" in Proc. ", Agnel Charities' Fr. C. Rodrigues Institute of Technology, IEEE & IAS Technically Co-Sponsored and Sponsored by AICTE, 5th Biennial International Conference on Nascent Technologies in Engineering 2023.	20-21 Jan 2023	IEEE Xplore	6000/-
18.	Suvarna Rode	Suvarna Rode, Rashmi Kale, Devoushka Yadav , Dhananjay Pawar, Jatin satyam, Nishant shelar, "Development of Solar Powered Electric Vehicle Prototype", In Proc Dr. B. R. Ambedkar National Institute of Technology Jalandhar-144027, India Department of Industrial and Production Engineering 7th International Conference on Production aand Industrial Engineering (CPIE-2023)	10-12 March 2023	--	--

## SUMMARY OF PUBLICATIONS (SH22)

Sr.no.	Type of Publication	No. of Publications
1.	Journal Publications	06
2.	Conference Publications	16



**PAPERS PUBLISHED IN JOURNALS**

**SH22**

<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.	Praseed Kumar	Jovan Menezes, Shubhankar Das, Bhavik Panchal, Nitesh P Yelve, Praseed Kumar, "Mapping, Trajectory, Planning and Navigation for Hexapod Robots using ROS", Lecture Notes in Mechanical Engineering, Vol.2, pp 851-867, 2022	15 July 2022	<a href="https://doi.org/10.1007/978-981-16-2794-1_76">https://doi.org/10.1007/978-981-16-2794-1_76</a>	Scopus Book Chapter
2.	Bipin Mashilkar	Varkute, Nilesh, Badal Kudachi, Bipin Mashilkar, Priyan Kamble, Anmol Rane, Aishwarya Harad, and Glen Rebello. "Experimental and Numerical Investigation of Latent Heat-Based Energy Storage System Using Nano-Enhanced Phase Change Material." In Recent Advances in Mechanical Engineering, pp. 559-571. Springer, Singapore, 2023.	9 Sept. 2022	<a href="https://doi.org/10.1007/978-981-19-2188-9_51">https://doi.org/10.1007/978-981-19-2188-9_51</a>	Scopus Book Chapter
3.	Nilesh Varkute	Varkute Nilesh, Badal Kudachi, Shardul Kachare, Chintan Mange, Jigar Gandhi, and Harish Menon. "Thermal Analysis of Earth Tube Heat Exchanger Using Experimental Setup and Simulation." Recent Advances in Mechanical Engineering, pp. 445-454. Springer, Singapore, 2023.	9 Sept. 2022	<a href="https://doi.org/10.1007/978-981-19-2188-9_41">https://doi.org/10.1007/978-981-19-2188-9_41</a>	Scopus Book Chapter
4.	Nilesh Varkute	Varkute, Nilesh, Badal Kudachi, Bipin Mashilkar, Priyan Kamble, Anmol Rane, Aishwarya Harad, and Glen Rebello. "Experimental and Numerical Investigation of Latent Heat-Based Energy Storage System Using Nano-Enhanced Phase Change Material." In Recent Advances in Mechanical Engineering, pp. 559-571. Springer, Singapore, 2023.	9 Sept. 2022	<a href="https://doi.org/10.1007/978-981-19-2188-9_51">https://doi.org/10.1007/978-981-19-2188-9_51</a>	Scopus Book Chapter
5.	Badal Kudachi	Varkute Nilesh, Badal Kudachi, Shardul Kachare, Chintan Mange, Jigar Gandhi, and Harish Menon. "Thermal Analysis of Earth Tube Heat Exchanger Using Experimental Setup and Simulation." Recent Advances in Mechanical Engineering, pp. 445-454. Springer, Singapore, 2023.	9 Sept. 2022	<a href="https://doi.org/10.1007/978-981-19-2188-9_41">https://doi.org/10.1007/978-981-19-2188-9_41</a>	Scopus Book Chapter
6.	Badal	Varkute, Nilesh, Badal Kudachi, Bipin Mashilkar, Priyan Kamble,	9 Sept.	<a href="https://doi.org/10.1007/978-981-19-2188-9_51">https://doi.org/10.1007/978-981-19-2188-9_51</a>	Scopus

	Kudachi	Anmol Rane, Aishwarya Harad, and Glen Rebello. "Experimental and Numerical Investigation of Latent Heat-Based Energy Storage System Using Nano-Enhanced Phase Change Material." In Recent Advances in Mechanical Engineering, pp. 559-571. Springer, Singapore, 2023.	2022		Book Chapter
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Sr. No.	Name of Faculty Member	Details of Papers Published	Date	Category
1.	Nilaj Deshmukh	Nilaj N Deshmukh, Afzal Ansari, Axin Samuel, "Investigation of Effect of Porous Material on Performance of Helmholtz Resonator", in Proc.1st International Conf. on Vibration Engineering, Science and Technology, Vashi, Navi Mumbai, India, Dec. 9-10, pp. 09	9-10 Dec 2022	
2.	Aqleem Siddiqui	Kamalesh Sasane, Aqleem Siddiqui, Shivam Kumar, Sabil Lopes, Sebastian Dsouza and Vishal Yadav "An Investigation On Addition of HHO Gas in Gasoline Engine." 3rd Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2022) , Amity School of Engineering & Technology, Amity University Uttar Pradesh, Noida 3rd – 5th August 2022	3-5 Aug 2022	
3.	Aqleem Siddiqui	Kamlesh Sasane , Dr. Aqleem S ,Suryateja, Shanto Mathai, Quirenius Mendonsa and Aldrin Rego ““Design and Development of Semi - Automated Manual Transmission.” , 3rd International Conference on Recent Advances in Mechanical Engineering Research and Development (ICRAMERD-22) 12th -13th August 2022.	12-13 Aug 2022	
4.	Pallavi Khaire	Khaire Pallavi, Phalle V. M. (2022), Fault Diagnosis of Journal Bearing,1st International Conference on Vibration Engineering Science and Technology (INVEST 2022)-2022, Council of Vibration Specialists and FCRIT, Navi Mumbai, Dec. 9-10,2022, pp 7.	9-10 Dec 2022	
5.	Shamim Pathan	S. Pathan, M. Kshetrimayum,V. Menezes, C. S. Yerramalli, " Direct Skin Friction Measurement on Hypersonic Models", Nineteenth International Conference on Flow Dynamics (ICFD2022), Sendai, Japan. Nov 9-11,2022" in Proc. 19th International Conference on Flow Dynamics (ICFD2022), sendai, Japan. Nov9-11,2022, PP 647.	9-11 Nov 2022	
6.	Shamim Pathan	Shamim S Pathan, Mahesh Chate, Praseed Kumar, "Experimental and Simulation Study of Transmissibility of Isolation Material", in Proc.1st International Conf. on Vibration Engineering, Science and Technology, Vashi, Navi Mumbai, India, Dec. 9-10, pp. 09	9-10 Dec 2022	
7.	Praseed Kumar	Shamim S Pathan, Mahesh Chate, Praseed Kumar, "Experimental and Simulation Study of Transmissibility of Isolation Material", in Proc.1st International Conf. on Vibration Engineering, Science and Technology, Vashi, Navi Mumbai, India, Dec. 9-10, pp. 09	9-10 Dec 2022	
8.	Kamlesh Sasane	Kamalesh Sasane, Aqleem Siddiqui, Shivam Kumar, Sabil Lopes, Sebastian Dsouza and Vishal Yadav "An Investigation On Addition of HHO Gas in Gasoline Engine." 3rd Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2022) , Amity School of Engineering & Technology, Amity University Uttar Pradesh, Noida 3rd – 5th August 2022	3-5 Aug 2022	

9.	Kamlesh Sasane	Kamlesh Sasane, Tejas Subodh Patil, Kapil Mahadev Patil, Stephan Nadar and Savio Thaikadan "Experimental evaluation of Jominy end quench test using various quenching mediums.", 3rd Biennial International Conference on Future Learning Aspects of Mechanical Engineering (FLAME-2022), Amity School of Engineering & Technology, Amity University Uttar Pradesh, Noida, 3rd – 5th August 2022	3-5 Aug 2022	
10.	Kamlesh Sasane	Kamlesh Sasane, Dr. Aqleem S, Suryateja, Shanto Mathai, Quirenius Mendonsa and Aldrin Rego "Design and Development of Semi - Automated Manual Transmission.", 3rd International Conference on Recent Advances in Mechanical Engineering Research and Development (ICRAMERD-22) 12th -13th August 2022.	12-13 Aug 2022	
11.	Nilesh Varkute	Badal Kudachi, Bipin Mashilkar, Nilesh Varkute, Omkar Mawalankar, Ashish Shanbhag, Shalom Gaikwad, Antony Maria Camillus, "Experimental Study of PCM Based Latent Heat Thermal Energy Storage System Using Fins", in Proc. 8th International Conference on Advances in Energy Research, Department of Energy Science and Engineering, Indian Institute of Technology Bombay, July 7-9, 2022	7-9 July 2022	
12.	Nilesh Varkute	Badal Kudachi, Nilesh Varkute, Roshin Saviour Robinson, Parth Sachin Sawant, Shaikh Adnan Ahmed and Sanchart Raina, "Experimental Study of Various Properties of Nano Enhanced Phase Change Materials", in Proc. International Conference on Sustainability: Integrated and Scientific Approach, Mumbai, India, Aug. 4-6, 2022	6-8 Aug 2022	
13.	Bipin Mashilkar	Badal Kudachi, Bipin Mashilkar, Nilesh Varkute, Omkar Mawalankar, Ashish Shanbhag, Shalom Gaikwad, Antony Maria Camillus, "Experimental Study of PCM Based Latent Heat Thermal Energy Storage System Using Fins", in Proc. 8th International Conference on Advances in Energy Research, Department of Energy Science and Engineering, Indian Institute of Technology Bombay, July 7-9, 2022	7-9 July 2022	
14.	Badal Kudachi	Badal Kudachi, Bipin Mashilkar, Nilesh Varkute, Omkar Mawalankar, Ashish Shanbhag, Shalom Gaikwad, Antony Maria Camillus, "Experimental Study of PCM Based Latent Heat Thermal Energy Storage System Using Fins", in Proc. 8th International Conference on Advances in Energy Research, Department of Energy Science and Engineering, Indian Institute of Technology Bombay, July 7-9, 2022	7-9 July 2022	
15.	Badal Kudachi	Badal Kudachi, Nilesh Varkute, Roshin Saviour Robinson, Parth Sachin Sawant, Shaikh Adnan Ahmed and Sanchart Raina, "Experimental Study of Various Properties of Nano Enhanced Phase Change Materials", in Proc. International Conference on Sustainability: Integrated and Scientific Approach, Mumbai, India, Aug. 4-6, 2022	6-8 Aug 2022	
16.	Afzal Ansari	Nilaj N Deshmukh, Afzal Ansari, Axin Samuel, "Investigation of Effect of Porous Material on Performance of Helmholtz Resonator", in Proc. 1st International Conf. on Vibration Engineering, Science and Technology, Vashi, Navi Mumbai, India, Dec. 9-10, pp. 09	9-10 Dec 2022	