



Department of Mechanical Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik-422003

### Summary of Papers presented/Published in Conference and Journal by students

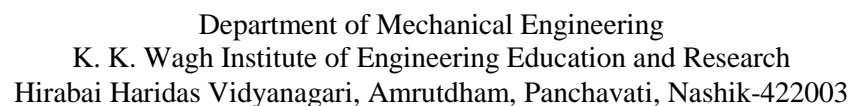
Year	Conference		Journal		Total
	National	International	National	International	
2020-21	0	4	0	3	7
2019-20	0	0	0	3	3
2018-19	0	3	0	1	4
2017-18	4	0	0	0	4



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Year	Sr. No.	Name of the student	Title of the Paper	Name of Publication/Conference	ISSN No.	Volume /Issue	Remark	Online link
2020-21	1	Akshay Pimpale	Design, Modification and Analysis of a Fixture used for Assembly of Steering Knuckle and Stub Axle	International Journal for Research in Applied Science & Engineering Technology	2321-9653	Volume 8 Issue IX	International Journal Publication	<a href="https://www.ijraset.com/files/serve.php?FID=31455">https://www.ijraset.com/files/serve.php?FID=31455</a>
	2	Ganesh Reddy Prasad Koppal Ankit Paithankar Shubham Shevale	Implementation of DMAIC methodology in green sand-casting process	Materials today proceedings Publisher- Science direct	2214-7853	Volume 42 Part 2	International Conference Proceeding	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320380962">https://www.sciencedirect.com/science/article/pii/S2214785320380962</a>
	3	Munish Patil Mayur Patil Rahul Patil Om Khande	An Overview on Electric Overhead Crane	International Journal of Research in Engineering, Science and Management	2581-5792	Volume-3 Issue-2	International Journal Publication	<a href="https://www.ijresm.com/volume-3-issue-2-february-2020/">https://www.ijresm.com/volume-3-issue-2-february-2020/</a>
	4	Siddharth Aphale Soham Lulla	Deformation and Failure Behavior of Cylindrical Lithium-Ion Batteries Subjected to Mechanical Loading	SAE International	0148-7191 eISSN-2688-3627	2020-28-0484	International Journal Publication	<a href="https://www.sae.org/publications/technical-papers/content/2020-28-0484/">https://www.sae.org/publications/technical-papers/content/2020-28-0484/</a>
	5	Siddharth Aphale Ayush Kelani Vijay Nandurdikar Soham Lulla Sambhav Mutha	Li-ion Batteries for Electric Vehicles: Requirements, State of Art, Challenges and Future Perspectives	IEEE International Conference on Power and Energy (PE Con)-Virtual	-	-	International Conference Proceeding	<a href="https://ieeexplore.ieee.org/document/9314515">https://ieeexplore.ieee.org/document/9314515</a>
	6	Siddharth Aphale Soham Lulla Siddhi Marathe	Influence of State of Charge on Deformation Induced Mechanical Failure in Li-Ion Cells	IEEE International Conference on Power and Energy (PE Con)-Virtual	-	-	International Conference Proceeding	<a href="https://ieeexplore.ieee.org/document/9314514">https://ieeexplore.ieee.org/document/9314514</a>
	7	Siddharth Aphale Vijay Nandurdikar	Design and Deployment of Fixture on Assembly Line to Improve Productivity	Journal of Physics: Conference Series	Conf. Ser. 1803 012025		International Conference Proceeding	<a href="https://iopscience.iop.org/article/10.1088/17426596/1803/1/012025/meta">https://iopscience.iop.org/article/10.1088/17426596/1803/1/012025/meta</a>

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A.Y.	Sr. No.	Name of the student	Title of the Paper	Name of Publication/Conference	ISSN No.	Volume /Issue	Remark	Online link
2018-19	1	Siddharth Aphale	A neural network approach towards development of computational model for performance estimation of commercial lithium ion batteries	IEEE -2018 2 <sup>nd</sup> Borneo International Conference Applied Mathematics and Engineering (BICAME)	INSPEC Accession Number: 19 592466	-	International Conference Proceeding	<a href="https://ieeexplore.ieee.org/abstract/document/9084563">https://ieeexplore.ieee.org/abstract/document/9084563</a>
		Jayesh Tope						
		Niraj Gharte						
		Soham Lulla						
		Aniket Sahasrabuddhe						
	2	Shivraj Sakhare	Design and Fabrication of Saree Rolling Machine	International Journal of Research in Engineering, Science and Management	2581-5792	Volume-2, Issue-5	International Journal Publication	<a href="https://www.ijresm.com/Vol.2_2019/Vol2_Iss5_May19/IJRESM_V2_I5_116.pdf">https://www.ijresm.com/Vol.2_2019/Vol2_Iss5_May19/IJRESM_V2_I5_116.pdf</a>
		Sumant Kulkarni						
		Bhagyashree Patil						
		Saurabh Kumar						
		Shivraj Sakhare						
	3	Shivam H Dandgavhal	A Brief Review on MEMS for Advanced Applications	2 <sup>nd</sup> International Conference on Nano Science & Engineering Application ICNSEA -2018	-	-	International Conference	-
		Ashish R Lande						
	4	Shivam H Dandgavhal	Recent Trend in Passive cooling and HAVC system for Building -A literature review	International Conference on Emerging trend And Advances in Civil & Environmental Engineering - 2018	-	-	International Conference	-



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Academic Year	Sr. No.	Name of the student	Title of the Paper	Name of Publication/Conference	Remark
2017-18	1	Aadesh Sardoe	Automated Lead plate Surface Cleaning Machine	Conference :ETIME 2018	National Conference
		Anisha Nair			
		Vanita Wagh			
		Keishanpranav Tupe			
	2	Kalpesh Sangale	Thermal Analysis of chilled water storage central air conditioning system	Conference :ETIME 2018	National Conference
		Dipak Pansare			
		Shrikant Deshmukh			
		Mayur Pagare			
	3	Rushikesh Chavan	Study of different hammer hardening automation technique	Conference :ETIME 2018	National Conference
		Shubham Chouk			
		Arbaaz Shaikh			
		Yashpal Borse			
	4	Suyash Dighe	Design & Analysis of transmission system in all-terrain vehicle	Conference :ETIME 2018	National Conference