

## PAPERS PUBLISHED IN CONFERENCES

### SH20

<b>Sr. No.</b>	<b>Name of Student Members</b>	<b>Details of Papers Published</b>	<b>Date</b>
1	Jovan Menezes, Shubhankar das, Bhavik Panchal,	Jovan Menezes, Shubhankar das, Bhavik Panchal, Nitesh Yelve and Praseed Kumar, Mapping, Trajectory Planning, and Navigation for Hexapod Robots Using ROS " , in Proc. 1 st International Conference on Energy, Materials Sciences and Mechanical Engineering, Oct. 30-Nov.1.	30 Oct -1 Nov 2020

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1	Akash Kadam, Kedar More, Franklin Fernandes, Gracewin Heber	Suvarna Rode, Akash Kadam, Kedar More, Franklin Fernandes, Gracewin Heber, "DESIGN AND DEVELOPMENT OF 3D SCANNER", in Proc. 6nd International Conf. on PRODUCTION AND INDUSTRIAL ENGINEERING, JALANDHAR, INDIA, June 8-10, 2019,	8-10 June 2019

## **PAPERS PUBLISHED IN JOURNALS**

### **SH19**

<b>Sr. No.</b>	<b>Name of Student Members</b>	<b>Details of Papers Published</b>	<b>Date</b>	<b>DOI</b>
1	Pravin Das, and Pranav Khanolkar	Yelve, Nitesh P., Suvarna Rode, Pravin Das, and Pranav Khanolkar. "Some new algorithms for locating a damage in thin plates using lamb waves." Engineering Research Express 1, no. 1 (2019): 015027.	29 <sup>th</sup> Aug 2019	<a href="https://iopscience.iop.org/article/10.1088/2631-8695/ab3c17/meta">https://iopscience.iop.org/article/10.1088/2631-8695/ab3c17/meta</a>
2	Gaurav A. Purohit, and Deependra Singh.	Khot, S. M., Nitesh P. Yelve, Praseed Kumar, Gaurav A. Purohit, and Deependra Singh. "Experimental investigation of performances of different optimal controllers in active vibration control of a cantilever beam." ISSS Journal of Micro and Smart Systems (2019): 1-11.	09 <sup>th</sup> Oct 2019	<a href="https://link.springer.com/article/10.1007/s41683-019-00040-2">https://link.springer.com/article/10.1007/s41683-019-00040-2</a>

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1	Srikant Guthula, Prabhav Jayprakash, Alex Aaron, Simran Joy	Badal Kudachi, Nilesh Varkute, Bipin Mashilkar, Srikant Guthula, Prabhav Jayprakash, Alex Aaron, Simran Joy, Experimental and Computational Study of Phase Change Material Based Shell and Tube Heat Exchanger for Energy Storage, IMEC, NIT Trichy, 2019.	29-Nov to 01-Dec 2019
2	Sonal Chibire	Sonal Chibire, Nitesh P. Yelve, and Vivek M. Chavan, "Evaluation of fracture toughness of pre-cracked steel specimen using split Hopkinson pressure bar", in Proc. 3rd International Conference and Exhibition on Fatigue, Durability and Fracture Mechanics, Belagavi, India, Aug. 29-31, 2019	29-31 Aug 2019
3	D. Avnish, V. Vipin, L. Yohann, and S. Noel	S. Dattatraya, N. Kshirsagar, K. Mandar, D. Avnish, V. Vipin, L. Yohann, and S. Noel, "Design and kinematic optimization of self balanced reciprocating mechanism", International Conference on Design, Materials and Manufacture, Surathkal, India, Dec. 6-8, 2019	6-8 Dec 2019
4	Ajinkya Shende, Aldrick Gonsalves, Kaustubh Padalkar and Vinit Rodrigues	Deepak Devasagayam, Ajinkya Shende, Aldrick Gonsalves, Kaustubh Padalkar and Vinit Rodrigues, "Design and Development of Fruit Sorting and Packaging Machine" in Proc. 5th International Conference on Industrial Engineering (ICIE-2019), Surat, India, Dec. 12-14, 2019, pp. 875-879	12-14 Dec 2019

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1	Hirein Prajapati	Hirein Prajapati, Nilaj Deshmukh., , “Design And Development of Thin Wire Sensor for Transient Temperature Measurement” Elsevier, Measurements, 140, July 2019, 582-589	July 2019	<a href="https://doi.org/10.1016/j.measurement.2019.04.020">https://doi.org/10.1016/j.measurement.2019.04.020</a>
2	Yogesh S. Andhale, Faez. A. Masurkar	Yogesh S. Andhale, Faez. A. Masurkar, and Nitesh. P. Yelve, “Localization of damages in plain and riveted aluminium specimens using Lamb waves”, International Journal of Acoustics and Vibration, vol. 24, no. 1, pp. 150–165, 2019	15 March 2019	<a href="https://doi.org/10.20855/ijav.2019.24.11485">https://doi.org/10.20855/ijav.2019.24.11485</a>

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1	Mohd. Azfar Rafiuddin Khan	Mohd. Azfar Rafiuddin Khan, Nilaj d., "Identification of Cordwise Location of Shear Web of Wind Turbine Blade" International Conference on Nascent Technologies in Engineering (ICNTE-2019) organized by Fr. C. Rodrigues Institute of Technology, Vashi, Jan 4-5, 2019	Jan 4-5, 2019
2	Salmon Joy, Shaunak Phansalkar, Vishnu Pillai, Titus Thoma	Nilaj N. Deshmukh, Badal Kudachi, Salmon Joy, Shaunak Phansalkar, Vishnu Pillai, Titus Thomas, "Suppression of Thermo-Acoustic Instabilities Using Helmholtz Resonator", International Conference on Nascent Technologies in Engineering (ICNTE 2019), IEEE, 4- 5 Jan 2019.	4-5 Jan 2019
3	S. S. Nair	N. N. Deshmukh, S. J. Chauhan, and S. S. Nair, "Optimization of Acoustic Wave for Process Equipment Cleaning using Design of Experiments," in 2019 International Conference on Nascent Technologies in Engineering (ICNTE), Jan. 2019, pp. 1–5,	4-5 Jan 2019
4	Badal K.	Nitin Satpute, Badal Kudachi, Jugulkar L. M., Abhijeet R. M., Bipin M., "Hybrid Shock Absorber with Electromagnetic and Fluid Damper for Application in an Automotive Suspension", International Conference on Nascent Technologies in Engineering (ICNTE 2019), IEEE, 4-5 Jan 2019.	4- 5 Jan 2019
5	Avnish Dubey, Harshit Singh, Mayank Upasani	Badal Kudachi, Avnish Dubey, Harshit Singh, Mayank Upasani, "Recent Progress in Renewable Energy Sources and Challenges to Meet Future Energy Demands in India", International Conference on Energy and Environmental Challenges (CE2C 2019), VNIT Nagpur, pp-46, 18-19 Jan 2019.	18-19 Jan 2019
6	Slyden R., Terrence P. Sagar P., Brean B.	Prasad B., Slyden R., Terrence P. Sagar P., Brean B., "Modeling and Analysis of Textured Surfaces on a single point cutting tool." International Conference of Nascent Technology & Engineering (ICNTE - 2019), 4 th & 5 th January 2019	4-5 January 2019
7	Libin K, Edwin W., Abrar U., Marshal M	Pallavi K., Girish D., Nilesh V., Libin K, Edwin W., Abrar U., Marshal M., "Condition Monitoring Of Centrifugal Pumps Using Vibration Analysis And Artificial Neural	8 – 10 June 2019

		Networks” CPIE 2019, 8-10 June 2019	
8	Syju A., Mohd. Ibrahim, Abhishek S., Krishnakumar M.	Prasad B., Syju A., Mohd. Ibrahim, Abhishek S., Krishnakumar M., “Design and Analysis of Milling Attachment on Lathe Machine”, International Conference on Production and Industrial Engineering (CPIE-2019), 8 – 10 June 2019, NIT, Jalandhar	8 – 10 June 2019
9	Kedar more, Akash Kadam, Franklin Fernandes, Gracewin Heber	Suvarna Rode, Kedar more, Akash Kadam, Franklin Fernandes, Gracewin Heber “Design and Development of 3D scanner”, International Conference on Production and Industrial Engineering (CPIE-2019), 8 – 10 June 2019, NIT, Jalandhar	8 – 10 June 2019
10	Ajith Nair, Shenon G., Jerome F., Poorva K.	Deepak D., Ajith Nair, Shenon G., Jerome F., Poorva K. ”Design and development of Laser wall syatem” International Conference on Production and Industrial Engineering (CPIE-2019), 8 – 10 June 2019, NIT, Jalandhar	8 – 10 June 2019
11	Shreyas A., Agnel T., Leslie F., Rohan J., Kamlesh S.	Shreyas A., Agnel T., Leslie F., Rohan J., Kamlesh S., Aqleem S., “Incorporating additional power cycle in conventional four stroke SI engine to develop six stroke engine.”, 1st International Conference on Applied Mechanical Engineering Research (ICAMER - 2019), NIT Warangal, 2-4 May 2019.	2-4 May 2019
12	Jackson A Mudaliar	Nitesh P. Yelve and Jackson A Mudaliar, “Localization of damage in an Aluminium plate using Lamb wave-based ultrasonic testing and Genetic algorithm”, in Proc. 3rd International Conf. on Nascent Technologies in Engineering, Navi Mumbai, India, Jan. 4–5, 2019	4-5 Jan 2019
13	Nikhil M. Gorhe	Nitesh P. Yelve and Nikhil M. Gorhe, “Lamb wave-based damage detection in aluminium plate using minimum number of transducers”, in Proc. 3rd International Conf. on Nascent Technologies in Engineering, Navi Mumbai, India, Jan. 4–5, 2019	4-5 Jan 2019
14	Siddhesh B. Chavare	Nitesh P. Yelve and Siddhesh B. Chavare, “Liquid level sensing using Lamb waves”, in Proc. 3rd International Conf. on Nascent Technologies in Engineering, Navi Mumbai, India, Jan. 4–5, 2019	4-5 Jan 2019
15	Chirag G. Wani,	Chirag G. Wani, Sanjay Rukhande, and Nitesh P. Yelve, “Vibration-based detection of damage in fixed-fixed I-beam using Particle Swarm Optimization”, in Proc. 3rd International Conf. on Nascent Technologies in Engineering, Navi Mumbai, India, Jan. 4–5, 2019	4-5 Jan 2019

16	Anurag Bhatkar, Aditya Nair, Blesson Biju, Aditya Shetty	Mathewlal Thomas, Anurag Bhatkar, Aditya Nair, Blesson Biju, Aditya Shetty, "Design and Analysis of the Frame of Smart Wheelchair" in ICNTE 2019, Vashi, Navimumbai, India, Jan. 4-5, 2019, 978-1-5386-9166-3/19/\$31.00 ©2019 IEEE	4-5 Jan 2019
17	Atul Shenoy, Simon Fernandes, Pranav Chaulkar, Samuel Cerejo, Aashish Yadav	Nilesh Varkute, Deepak Devasagayam, Atul Shenoy, Simon Fernandes, Pranav Chaulkar, Samuel Cerejo, Aashish Yadav, "Design, Fabrication & Testing of Cooling System for Multi-Junction CPV cells", in proc. of International Conf. on Nascent Technologies in Engineering (ICNTE), Navi Mumbai, India, Jan. 4-5, 2019, pp. 1-7	4-5 Jan 2019