

Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, Maharashtra

Paper / Journal Publications

1. Aqleem Siddiqui, Girish Dalvi, Akshay Patil, Surabhi Chavan, “Simulation Study on Effect of Variable Curvature on the Modal Properties of Curved Cantilever Beams”, *Journal of Advances in Mechanical Engineering*, Springer Nature, pp 407-414
2. Praseed Kumar, Aqleem Siddiqui, Ashay Ghadi, Denisa Tony, Stephen Rhenius, “Damage Detection in beams using Vibration analysis and Artificial Neural Network”, *IEEE Explore*, ISSN : 978-1-7281-9062-4
3. Swapnil Jugal, K. Jayarajan and Aqleem Siddiqui, “Effect of Link Length Ratio on the Workspace of a Delta Robot”, *International Journal of Engineering and Advanced Technology(IJEAT)*, Volume-5 Issue 4, April 2016.
4. C. Wadile, R. Dubal, R. Kolhe, V. Rangaswamy, Aqleem Siddiqui, and N. Gurav, “Selection, Modification and Analysis of Power Transmission and Braking System of an ATV”, *International Journal on Mechanical Engineering and Robotics Research (IJMERR)*, Volume-1, Issue-1.
5. S. M. Khot, Aqleem Siddiqui, “Optimal placement strategy of multiple patches for active vibration control of cantilever beams based on modal strain”, *Mechanical Engineering eJournal*, SSRN Publications, Feb 2018.
6. S. M. Khot, Aqleem Siddiqui, “Placement strategy of piezoelectric patches for multimode active vibration control of fixed-fixed beam using strain topological pattern”, *International Journal of Current Research*, volume 10, issue 8.
7. Aqleem Siddiqui, Girish Dalvi, Surabhi Chavan, “A Generalized Methodology to Plot Mode Shapes of the Curved Fixed-Fixed Beams using ANSYS® & MATLAB®”, *IEEE Explore*, doi.: 10.1109/ICNTE51185.2021.9487658
8. Eshaan Ayyar, Isaac de Souza, Aditya Pravin, Sanket Tambe, Aqleem Siddiqui, Nitin Gurav, “Selection Modification and Analysis of Suspension System for an All-Terrain Vehicle”, *International Journal on Theoretical and Applied Research in Mechanical Engineering (IJTARME)*, Volume-2, Issue-4, 2013
9. Chetan Dhuri, Aditya Masur, Aniket Warang, Aditya Sudhir, Aqleem Siddiqui and Nitin Gurav, “Selection, Modification And Analysis of Steering Mechanism For An All Terrain Vehicle”, *International Journal on Theoretical and Applied Research in Mechanical Engineering (IJTARME)*, Volume-2, Issue-4, 2013
10. Adithya Basker, Malcolm Dias, Kushal Chavan, Nageshwar Avhad, Aqleem Siddiqui, “Automated Line Following (ALF) robot for office purpose”, *IEEE Conference of Technologies for Future Cities (CTFC2021)*, PCE, Panvel, 8-9 October 2021.

11. Aqleem Siddiqui, Girish Dalvi, Surabhi Chavan, "A Generalized Methodology to Plot Mode Shapes of the Curved Fixed-Fixed Beams using ANSYS® & MATLAB®", 4th Biennial International Conference on Nascent Technologies in Engineering (ICNTE – 2021), FCRIT, Vashi, 15-16 January 2021.
12. Praseed Kumar, Aqleem Siddiqui, Ashay Ghadi, Denisa Tony, Stephen Rhenius, "Damage Detection in beams using Vibration analysis and Artificial Neural Network", 4th Biennial International Conference on Nascent Technologies in Engineering (ICNTE – 2021), FCRIT, Vashi, 15-16 January 2021.
13. Shreyas Abhyanka, Agnel Thomas, Leslie Fernandes, Rohan John, Kamlesh Sasane and Aqleem Siddiqui, "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, May 2019
14. S. M. Khot, Aqleem Siddiqui, "Multiple Piezopatch Placement Strategy For Active Vibration Control of Pin-Pin Beams", International Conference on Frontiers in Engineering, Applied Sciences and Technology, (FEAST18), NIT, Tiruchirappalli, 2018
15. Vibhanshu Singh, Shamika Phatak, Mathew Thomas, Aqleem Siddiqui, "Design & Development of Automatic Manual Gear Transmission In Motorbikes", International Conference on Frontiers in Engineering, Applied Sciences and Technology, (FEAST18), NIT, Tiruchirappalli, 2018
16. S.M. Khot, Aqleem Siddiqui, Darshan V Dorugade MR Saraf and Prashant R Pawar", Suspension optimization of SUV using genetic algorithm and pattern search, International Conference on Advanced Research in Mechanical Engineering, ICARME-2012.
17. SM Khot, Aqleem Siddiqui, "Optimal Placement Strategy of Multiple Patches for Active Vibration Control of Cantilever Beams Based on Modal Strain", International Conference on Advances in Thermal Systems, Materials and Design Engineering (ATSMDE2017), VJTI, Mumbai, December 21, 2017
18. Khelan Chaudhari, Amogh Joshi, Ranjit Kunte, Kushal Nair, Aqleem Siddiqui, "Design and Development of Roll Cage for an All-Terrain Vehicle", International Conference on Emerging Intelligent Sustainable Technologies (ICEISTCON 2013), 2013
19. Rithesh R., Shridhar C., Aqleem Siddiqui, "Application of Touch Sensitive Digital Interface Pad to Vehicle Steering System", National Conference on Recent Trends in Engineering & Technology (ZENITH-2009), October 30 - 31, 2009, Agnel Polytechnic, Vashi, Navi Mumbai.
20. Geroge J., Akshay R., Vittal S., Aqleem Siddiqui, Nilaj Deshmukh, An Investigation Of A Piezoelectric Controlled Hydraulically Actuated Valve-Train Mechanism For I.C. Engines, National Conference on Recent Trends in Engineering & Technology (ZENITH-2009), October 30 - 31, 2009, Agnel Polytechnic, Vashi, Navi Mumbai