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1. Asvath R, Suresh M “Experimental Investigation on Behavior of Friction Materials in Brake Liners” Journal of Material Sciences & Engineering, volume 5, Issue 2, 2016.
2. Arul Navalan.G.K, Soundararajan. R, Suresh. M “A Review of Control Methods for the Electron Beam Free Form Fabrication Process” International Journal of Innovative Research in Science, Engineering and Technology, volume 5, Spl. Issue 7, 2016.
3. R Sibi Sankar, M Sethuraman, N Sankaran, M Suresh “Automated Fixture Assembly for a Shallow Water Jet Motor Assembly” Journal of Advances in Mechanical Engineering and Science, Vol. 2, issue 6, 2016, pp. 1-16.\
4. R. Sibi Sankar, M. Suresh, B. Vigneshwaran, N. Sankaran “Low Cost Automation Using Karnaugh Veitch (Kv) Map Pneumatic Circuit Design for Fruit Mincer” International Journal of Research in Manufacturing Technology & Management Volume 4, Issue 2, July-December, 2016, pp. 01-09
5. Suresh. M, Arul Navalan.G.K, “Dynamic Simulation of Automatic Part Feeders for Handling Irregular Part” International Journal of Chemical Sciences, Volume 14, Issue S2, July 2016, pp. 694-702.
6. M. Suresh, V. Narasimharaj, G. K. Arul Navalan, V. Chandra Bose “Effect of orientations of an irregular part in vibratory part feeders” International Journal of Advanced Manufacturing Technology, 94(5), 2018, pp. 2689-2702.
7. P.S.Shri Harish, G.Navaneeth Krishnan, M.Venkat Prashanth, Sharat Sundaram, M.Suresh “Automated Rotary Car Parking System” International Research Journal of Automotive Technology (IRJAT), 1(2), 2018, pp. 104-111
8. Shri Harish.P.S, Navaneeth Krishnan.G, Venkat Prashanth.M, M. Suresh “Development of Pneumatic Launcher” IJRDO - Journal Of Mechanical And Civil Engineering, Volume 4, Issue 6, 2018, pp. 1-9.
9. Suresh. M & Barathwaj. S. A “Analysis of a Part Using Dynamic Simulation and Real Time Experiments in Part Feeders” International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 8, Issue 5, 2018, pp. 133-142.
10. Shalikka.R, Nibarkavi. N.A., Puhazhmathi. M, Suresh.M “Automation of Vehicle Door”,

International Research Journal of Automotive Technology, Volume 3, Issue 1, 2020, pp

1-4.

11. Aashika Prasad, Gowtham. M., Mohanraman. S, Suresh.M “Automatic Sorting Machine”, International Research Journal of Multidisciplinary Technovation, Volume 2, Issue 1, 2020, pp 7-12.

12. Poornesh Velineni, Jayasuriya Suresh., Naveen Kumar. C, Suresh.M “Design of Pneumatic Gripper for Pick and Place Operation (Four Jaw)”, International Research Journal of Multidisciplinary Technovation, Volume 2, Issue 1, 2020, pp 7-12.

13. Arivazhagan Selvam, Suresh Mayilswamy, Ruban Whenish “Strength improvement of additive manufacturing components by reinforcing carbon fiber and by employing bioinspired interlock sutures”, Journal of Vinyl and Additive Technology, doi.org/10.1002/vnl.21766.

14. Suresh M, Annamalai L and Rakesh Narayanasamy “Optimization of process parameters for Linear vibratory feeders”, Second International Conference on Advancements in Automation, Robotics & Sensing, PSG College of Technology, Coimbatore, pp 89-94, 14 - 15 December 2018.

15. Rohith S P, Divyaapriya U and Suresh M “Autonomous System for Precision Agriculture”, Second International Conference on Advancements in Automation, Robotics & Sensing, PSG College of Technology, Coimbatore, pp 191-196, 14 – 15 December 2018.