

Agnel Charities

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

Paper/Journal Publications

Calendar Year 2012-21

1. **Deepak Devasagayam, Ajinkya Shende, Aldrick Gonsalves, Kaustubh Padalkar and Vinit Rodrigues**, “Design and Development of Fruit Sorting and Packaging Machine”, 5th International Conference on Industrial Engineering (ICIE-2019), Surat, India, Dec. 12-14, 2019, pp. 875-879
2. **Deepak D., Ajith Nair, Shenon G., Jerome F., Poorva K.** “Design and development of Laser wall system” International Conference on Production and Industrial Engineering (CPIE2019), 8 – 10 June 2019, NIT, Jalandhar
3. **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. **Deepak Devasagayam, Suraj Suntha, Jay Gite, Omkar Sawant, Sagar Nair**, “Design & Fabrication of Laser Wall System”, International Conference on Frontiers in Engineering, Applied Sciences and Technology (FEAST 2018), At: National Institute of Technology, Tiruchirappalli, April 2018, Paper 710
5. **Deepak Devasagayam, Mohamed Ibrahim Syed, Atul Shenoy, Mandar Rundekar, Abrar Upadhye**, “Design of Modular Multi-Junction PV Concentrator Array”, International Conference on Frontiers in Engineering, Applied Sciences and Technology (FEAST 2018), At: National Institute of Technology, Tiruchirappalli, April 2018, Paper 619
6. **Devasagayam, D., A. Ignatious, J. Kalathingal, J. Kakde, and A. Wighe.** "Design and fabrication of automatic wood drilling machine." In International Conference on Advanced Trends in Engineering (ICATE-2017), November, pp. 1-8. 2017.
7. **Ajinkya Ghorpade, Anup Srivastava, Paras Bharambe, Shubham Patil, Prof. Deepak Devasagayam** "Solar Desalinator" International Journal of Latest Technology in Engineering, Management & Applied Science-IJLTEMAS vol.5 issue 4, pp.70-73 2016
8. **Aditya Rao, Vighnesh Shinde, Raghav Upasani, Daksh Gadhia, Deepak Devasagayam** “Design and Fabrication of Keyway Cutting Fixture for Gears”, International Research Journal of Engineering and Technology (IRJET), Apr-2016.
9. **Chavan, Ritesh, M. Hussain, Sanika Mahadeokar, Swpnil Nichat, and Deepak Devasagayam.** "Design and construction of solar powered agricultural pesticide sprayer." International Journal of Innovations & Advancement in Computer Science 4, no. 4 (2015): 145-150.

10. **Deepak Devasagayam**, “Solar Energy Based Purification of Sea Water–A Detailed Review”, International Research Journal of Engineering and Technology (IRJET), V2, Issue 07, (2015): 835-839
11. **Deepak Devasagayam, Mayuresh Kathe, Mayur Patil, Nimish Kavishwar**, (2014) “Solar Water Purifier”, International Journal of Innovative Research in Advanced Engineering (IJIRAE), ISSN: 2349-2163 Volume 1 Issue 9 (October 2014)
12. **Acholkar, Akshay, Mayuresh Kathe, Nimish Kavishwar, Mayur Patil, and Deepak Devasagayam**. "Solar Water Purifier." International Journal of Innovative Research in Advanced Engineering (IJIRAE), ISSN: 2349-2163 Volume 1 Issue 9 (October 2014)39-42.
13. **Santosh Chauhan, Harsha Kawale, Pushkar Kolapkar, Nairit Pal, Shridhar Jakhalekar, Bipin Mashilkar, Deepak Devasagayam**, “Effect of Parameters on the Growth and Oil Content of Algae”, International Conference on Advancement and Futuristic Trends in Mechanical and Materials Engineering, Punjab Technical University, Jalandhar, 2013, 333-337
14. **Nilaj Deshmukh & Deepak Devasagayam**, “Data Acquisition System for Internal Combustion Engine” Proceedings of Third Biennial National Conference on Nascent Technologies (NCNTE) 2012
15. **Bipin Mashilkar & Deepak Devasagayam**,“Eco-Friendly Campus with Green Technology” Proceedings of Third Biennial National Conference on Nascent Technologies (NCNTE) 2012