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Area of Interest : Composites, CIM and Robotics

List of Publications (Last five years):

- 1. Sridharan.K&Sivaramakrishnan.R, "Compression and Deformation of Cylindrical Rubber Blocks", MAPAN Journal of Metrology Society of India, Springer, ISSN-0974-9853, Vol-29 ,issue-2,pp.107-114, June 2014. Impact Factor-1.0
- 2. Dhandapani.C, **Sivaramakrishnan R**, "Modelling, Simulation and Synthesis of three Degrees of Freedom Triglide Parallel Manipulator for Positioning and Orientation", International journal of Mechanical and Mechatronics engineering (IJMME-IJENS), Vol 14, number 2, pp. 66-76, (2014)
- 3. Dhandapani.C, **Sivaramakrishnan.R**, "Modelling, Simulation and Dimensional Synthesis of three Degrees of Freedom Triglide Parallel Manipulator" International Review of Mechanical Engg.(I.RE.M.E), Vol 8, number 2(2014), pp. 407-416
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- 5. Seetharaman N, **Sivaramakrishnan R**, "Fuzzy Control of Robotic arms with Mine detection GPR sensor for Unmanned Mission Application on Undulated Terrain", International journal of Trend in Research and Development, Vol 2, number 1), pp.1-12, (2015),ISSN 2394-9333.2015
- 6. Ramamurthy.A, **Sivaramakrishnan R**, Venugopal.S, Muthuramalingam.T ,"Application of Taguchi Grey relational methodology for Multiple Optimal Performance in WEDM Process" Applied Mechanics and Materials, Vol. 766-767, pp. 245-249,2015, ISSN: 16609336,2015

- 7. Ramamurthy.A, **Sivaramakrishnan R**, Muthuramalingam.T, Venugopal S "Performance analysis of wire electrodes on machining Ti-6Al-4V alloy using electrical discharge machining process" Taylor & Francis- Machining Science and Technology, Vol -19 Issue-4, Pages 577-592 Imp. Factor 0.703, 2015
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- 9. Ramamurthy.A, **SivaramakrishnanR**, Muthuramalingam.T, Venugopal S, "Multi-response optimization of Wire-EDM process of parameters of Titanium Alloy Using Taguchi Method and Grey relational Analysis", Applied Mechanics and Materials, Vols. 772-814, pp. 245-249, ISSN No 1660 9336, July 2015
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- 11. Shanmugasundar, G, **Sivaramakrishnan**, R, Sridhar, R & Rajmohan, M, "Computer Aided Modelling and Static Analysis of an Inspection Robot", Applied Mechanics and Materials, ISSN: 16609336, vol. 766, pp. 1055-1060., vol. 766, pp. 1015-1020, Imp. Fac-0.77, 2015.
- 12. Shanmugasundar, G, **Sivaramakrishnan**, R, Rajmohan, M, "Computer Aided Modelling and Design of Mechanical Configuration of an Inspection Robot", Applied Mechanics and Materials, ISSN: 16609336, vol. 766, pp. 1015-1020, Imp.FAc 0.77, 2015.
- 13. Senthilnathan, R. **SivaramakrishnanR.** Subhasree P. KarthikeyanP, "Performance Analysis of Laplacian based Focus Measures in a Parallax Affected SFF Scenario", International Journal of Control Theory and Applications ISSN 09745572, Vol-8 (5), pp.2179-2187,2015, Imp.Fac0.533
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- 18. SabeequeP.V, Sivaramakrishnan. R, G.Vignesh, "A Novel Method for Fog removal in Images Based on Turbulence Mitigation and Contrast Enhancement", International Journal of Engineering Technology Science and Research (IJETSR), ISSN No 2394-3386, Vol. 4, Issue 8, pp1188-1196, August 2017
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