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PUBLICATION DETAILS (LAST 5 YEARS)

1. Sharma Gunasekaran S., **Manivannan Sugavaneswaran.**, Ramakrishnan P. “An experimental investigation on regulated and unregulated emissions of a gasohol fueled SI engine with a novel three way catalytic converter”, 2020,Journal Europeen des Systemes Automatises,Vol:53-2, PP219-224.
2. Duraibabu R.V., Prithvirajan R., **Sugavaneswaran M.**, Arumaikkannu G. “Compression behavior of Functionally Graded Cellular Materials fabricated with FDM”,2020, Materials Today: Proceedings, Vol: 24, PP 1035-1041.
3. Suresh Babu A., Jaivignesh M., Srinivasan S., **Sugavaneswaran M.** “Design of Functional Gradient Porous Structure and its Fabrication using DMLS Process“,2020,Materials Today: Proceedings, vo:l24,PP 1561-1569
4. **Sugavaneswaran M.**, Saha S., Prasanna Kumar P., Sathish Sharma G., Prakash R.“Computational fluid analysis on catalytic converter with more surface area monolithic structure”,2019, International Journal of Automotive and Mechanical Engineering, Vol: 16-3, PP 7093-7107
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7. Prithvirajan R., **Sugavaneswaran M.**, Sathishkumar N., Arumaikkannu G. “Metal bellow hydroforming using additive manufactured die: a case study”, 2019, Rapid Prototyping Journal Vol: 25-4, PP 765-774
8. **Sugavaneswaran M.**, Kulkarni A. “Effect of cryogenic treatment on the wear behavior of additive manufactured 316L stainless steel”, 2019, Tribology in Industry, Vol: 41-1, PP33-42
9. **Sugavaneswaran M.**, Prince M.T., Azad A. “Effect of electroplating on surface roughness and dimension of FDM parts at various build orientations”, 2019, FME Transactions, Vol: 47-4, PP 880-886
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11. **Sugavaneswaran M.**, Rajesh N., Katta V., Sathish Kumar G., Prakash R. “Deep Drawing Simulation Study for Catalytic Converter Housing Sheet”, 2019, Materials Today: Proceedings Vol: 22 PP 1326-1332
12. **Sugavaneswaran M.**, Arumaikkannu G. “Additive manufactured multi-material structure with directional specific mechanical properties based upon classical lamination theory”, 2018, Rapid Prototyping Journal, Vol: 24-7, PP 1212-1220
13. **Sugavaneswaran M.**, Jebaraj A.V., Kumar M.D.B., Lokesh K., Rajan A.J. “Enhancement of surface characteristics of direct metal laser sintered stainless steel 316L by shot peening” 2018, Surfaces and Interfaces, Vol: 12, PP 31-40
14. Suresh Babu A., Binish K.M., Jaivignesh M., **Sugavaneswaran M.** “Modelling of Functional Gradient Porous Structure and its Fabrication using Additive Manufacturing Process”, 2018, Materials Today: Proceedings, Vol: 5- 11, PP 24558-24567
15. **Sugavaneswaran M.**, Nayak U., Saha S., Nair N.M., Parasuraman S., Kumar P. “Additive manufacturing of fractal antenna for electronics applications”, 2018, Proceedings of the International Conference on Progress in Additive Manufacturing Vol:2018-May, PP 644-649
16. Alam M.S., **Sugavaneswaran M.**, Arumaikkannu G., Mukherjee B. “An innovative method of ocular prosthesis fabrication by bio-CAD and rapid 3-D printing technology: A pilot study”, 2017, Orbit, Vol: 36-4, PP 223-227.
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corrugated interface”, 2016, Proceedings of the International Conference on Progress in Additive Manufacturing, Vol: Part F129095, PP 252-257

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