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ScholarIndex: https://scholar.google.com/citations?hl=en&user=pysgNuIAAAA&view_op=list_works&sortby=pubdate**PUBLICATION DETAILS**

1. R Prithvirajan, C Balakumar, G Arumaikkannu(2020), "Effect of strut diameter on compressive behaviour of selective laser sintered polyamide rhombic dodecahedron lattice" Materials Today: Proceedings
2. K Hariharan, G Arumaikkannu, T Ramkumar, M Selvakumar(2020), "Material stability investigation of polyamide material before and after laser sintering" International Journal of Polymer Analysis and Characterization, 1-8
3. RV Duraibabu, R Prithvirajan, M Sugavaneswaran, G Arumaikkannu(2020), "Compression behavior of Functionally Graded Cellular Materials fabricated with FDM" Materials Today: Proceedings 24, 1035-1041
4. M Jaivignesh, AS Babu, G Arumaikkannu(2020), "In-vitro Analysis of Titanium Cellular Structures Fabricated by Direct Metal Laser Sintering" Materials Today: Proceedings 22, 2372-2377
5. R Prithvirajan, G Arumaikkannu(2020), "_Redesigning ECMM Fixture with Part Consolidation and DfAM Principles " Advances in Additive Manufacturing and Joining, 209-217
6. R Prithvirajan, M Sugavaneswaran, N Sathishkumar, G Arumaikkannu (2019), "Metal bellow hydroforming using additive manufactured die: a case study" Rapid Prototyping Journal
7. VR Boopathy, A Sriraman, G Arumaikkannu(2019), "Energy absorbing capability of additive manufactured multi-material honeycomb structure" Rapid Prototyping Journal
8. M Sugavaneswaran, G Arumaikkannu(2018), "Additive manufactured multi-material structure with directional specific mechanical properties based upon classical lamination theory" Rapid Prototyping Journal
9. K Hariharan, G Arumaikkannu(2018), "Hydroxyapatite Coating on Selective Laser Sinter Polyamide Substrate by Electron Beam Deposition"Journal of Polymer Materials 35 (2)
10. MS Alam, M Sugavaneswaran, G Arumaikkannu, B Mukherjee(2017), "An innovative method of ocular prosthesis fabrication by bio-CAD and rapid 3-D printing technology: A pilot study" Orbit 36 (4), 223-227
11. K Hariharan, G Arumaikkannu(2017), "Influence of Oxygen Partial Pressure on Hydroxyapatite Coating of Additive Manufactured Component by Pulsed Laser Deposition" Advances in 3D Printing & Additive Manufacturing Technologies, 55-64
12. KS Lakshmi, G Arumaikkannu(2017), "Influence of process parameters on tensile strength of additive manufactured polymer parts using taguchi method" Advances in 3D Printing & Additive Manufacturing Technologies, 1-7
13. N Sathishkumar, M Sugavaneswaran, G Arumaikkannu(2016), "Investigation of sparse mode build style on material consumption, build time and compressive

behaviour of additive manufactured cellular structures” 6th International & 27th All India Manufacturing Technology Design and Research Conference (AIMTDR-2016)

14. H Kuppuswamy, A Ganesan
15. H Kuppuswamy, A Ganesan(2016), “Structural, mechanical and in vitro studies on pulsed laser deposition of hydroxyapatite on additive manufactured polyamide substrate” International journal of Bioprinting 2 (2)
16. G Arumaikkannu, R Vijayanand, M Sugavaneswaran(2016), “Experimental investigation on fracture resistance behavior of additive manufactured multi material structure with corrugated interface”
17. K Hariharan, M Sugavaneswaran, G Arumaikkannu(2016), “Structural, Mechanical And Invitro Study On Pulsed Laser Deposition Of Hydroxyapatite On Additive Manufactured Substrate”
18. R Vijayanand, M Sugavaneswaran, G Arumaikkannu(2016), “Experimental investigation on fracture resistance behavior of additivemanufacturedmultimaterial structure with corrugated interface”
19. KS Lakshmi, G Arumaikkannu(2016), “Comparative Study Of Surface Roughness Prediction For Selective Laser Sintering Process Using Multiple Regression Model And Artificial Neural Network” Int J Adv Engg Tech/Vol. VII/Issue II/April-June 1326, 1329