# List of Publication: Dr. K.Ramanathan

1. Sekar S, Athijayamani A, Ramanathan K and Sidhardhan S, Effects of Chemical Modification on the Mechanical Properties of Calotropis Gigantea Fiber-reinforced Phenol Formaldehyde Biocomposites, Journal of Materials Science (MEDZIAGOTYRA), 26 (3), 295-299, 2020.

2. Nagasubramanian N, Thansekhar MR, Venkatesan M and Ramanathan K, Effect of Al2O3/water Nanofluid on Conjugate Free Convection in a Baffle Attached Square Enclosure, Journal of Mechanika, 26 (2), 126-133, 2020.

3. Balasubramanian M, Stalin B, Ramanathan K and Ravichandran M, Hot tensile test for determining the material constant on superplastic 5083Al alloy sheet, Journal of Materials Today: Proceedings, 21, 324-328, 2020.

4. Perumal P, Ramanathan K, Ganesan L, Subramanian B, Ganesh V and Stalin B, Investigation of TiN coating uniformity and its corrosion behaviour using image process, Journal of Materials research express, 6 (4), 2019.

5. Sakthi Sadhasivam RM and Ramanathan K, Dry sliding wear behavior of SiC and Zno reinforced aluminium 6061 matrix composite using robust design, Journal of Manufacturing Engineering, 13 (2), 095-100 (2018).

6. Balasubramanian M, Ganesh P, Ramanathan K and Senthil Kumar V, An Experimental Investigation and Numerical Simulation in SPF of AA 5083 Alloy using Programming Logic Control Approach, Journal of Mechanical Engineering, 63 (4), 255-264, 2017.

7. Sujin Jose A, Athijayamani A, Ramanathan K and Sidhardhan S, Effects of Aspect Ratio and Loading on the Mechanical Properties of Prosopis Juliflora Fiber-reinforced Phenol Formaldehyde Composites', Journal of Fibres & Textiles in Eastern Europe, 25, 4(124), 59-64, 2017.

8. Sujin Jose A, Athijayamani A, Ramanathan K and Sidhardhan S, Effects of addition of coir pith particles on the mechanical and erosive wear behavior of wood dust particle reinforced phenol formaldehyde composite, Journal of Materiali In Tehnologije / Materials and Technology, 51 (5), 805-811, 2017.

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11. Valarmathi G, Ramanathan K, Sathiya Narayanan C and Kathiresan M, Optimization of formability of tailor-welded Blanks, Journal of Materiali in Tehnologije / Materials and Technology, 52 (2), 151-155, 2017.

12. Prasanna Venkatesh R., Ramanathan K., and Srinivasan V, Textile, Flexural, Impact and Water Absorption Properties of Natural Fiber Reinforced Polyester Hybrid Composites, Journal of Fibers & Textiles in Eastern Europe, 24 (3), 90-94, 2016.

13. Jamuna Rani M., and Ramanathan K, Design and Analysis of Piping System with Supports Using CAESAR-II, World academy of science, Engineering and Technology, 10 (5), 907-911, 2016.

14. Kannan S., Ramanathan K and Elango A, A new hybrid approach to Optimize the MRR and Tool wear of EDM for Al/TiC composites, Journal of Applied Mathematics & Information sciences, 10 (6), 2197-2205, 2016.

15. Athijayamani A., Chrispin Das M., Sekar S., and Ramanathan K, Mechanical properties of phenol formaldehyde hybrid composites reinforced with natural cellulose fibers, Journal of Bio Resources, 12(1), 1960-1967, 2016.

16. Louie Frango T, Ramanathan K, Ramesh Babu G.N.K, and Marimuthu P, Artiificial Neural network (ANN) modeling for predicting hardness of Ni-CBN composite coatings, International journal of advanced engineering technology, 7 (2), 1234-1237, 2016.

17. Sujin Jose A., Athijayamani A., Ramanathan K., and Sidharsdhan S, Effects of addition of prosopis juliflora fiber on the physical and mechanical properties of wood dust and coir pith particle reinforced phenol formaldehyde hybrid composite, Journal of advances in chemistry, 13 (10), 6558-6562, 2016.

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19. Balasubramanian M, Ganesh. P, Ramanathan K and Senthilkumar V.S, Superplastic Forming of three stage hemispherical 5083 Aluminium profile, Journal of Mechanical Engineering, 6 (26), 365—373, 2015.

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23. Ravindran K., Elango A, Ramanathan K. and Karunakaran K. CFD analysis and design effects in a centrifugal impeller, International Journal of Applied Engineering Research, 10 (57), 420—425, 2015.

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