

**IJ:**

1. Kommineni, R., Vadlamudi, T.C., Katuru, B.P. Performance augmentation of combined cycle power plant under the control of differing open loop cooling techniques to the gas turbine blades, *International Journal of Ambient Energy*, 43(1), pp. 1533-1545, 2022
2. Ravindra, K., Chakravarthi, G.F., Chaubey, S. Material characterisation of Cu-graphite-flyash and Cu-lead-flyash metal matrix composites, *International Journal of Industrial and Systems Engineering*, 39(3), pp. 330-339, 202
3. Purna Chandra Sekhar, Kollasrinivas, Syed Akhil, 'Green synthesized graphene-hydroxyapatite nano composites for bio implant applications', *Materials Letters* 327(2022)133059, August, 2022. (SCIE)
4. Srinivas, K., Bhaskar, V.V., Devireddy, S.B.R. A computational micromechanical approach to predicting Young's modulus of continuous banana and palmyra fiber-reinforced epoxy composites, *International Journal of Computational Materials Science and Engineering*, 12(2), 2023
5. Srinivas, K., Boyapati, P.C.S., Akhil, S., ...Bollikolla, H.B., Chandu, B. *ChemistrySelect* 8(8)2023, A Comprehensive Review on Novel Graphene-Hydroxyapatite Nanocomposites For Potential Bioimplant Applications
6. Srinivas, K., Boyapati, P.C.S., Chandu, B. Green synthesis of graphene-hydroxyapatite nanocomposites with improved mechanical properties for bone implant materials, *Materials Chemistry and Physics*, 296, 2023
7. Srinivas, K., Chaitanya, K.L. EVALUATION OF MECHANICAL BEHAVIOUR AND EFFECT OF PARTICLE SIZE ON LM26/Gr METAL MATRIX COMPOSITE, *Suranaree Journal of Science and Technology*, 30(1), 2023
8. Srinivas, K., Konda, L.C. Evaluation of Wear Behaviour Based on Mechanical Properties and Particle Size in LM26 MMC, *Strojnický Casopis*, 72(2), pp. 93-102, 2022
9. G. Kishore Chowdari, D. V. V. Krishna Prasad and S. B. R. Devireddy, 'A micro mechanical and numerical model for effective thermal conductivity of areca fiber and coconut shell particulate reinforced hybrid composites', *International Journal of Computational Materials Science and Engineering*, 11(03), April, 2022. <https://doi.org/10.1142/S2047684122500063> (WOS, SCOPUS)
10. Naga Venkata Srinivas borra, Veera Venkata Krishna Prasad, 'Experimental Investigations of Al-Cr<sub>3</sub>C<sub>2</sub> Composite Preform Densification and Deformation', *Annales de Chimie - Science des Matériaux*, Vol. 46, 185-192, Aug. 2022. <https://doi.org/10.18280/acsm.460403>
11. Burgadda Kiran Kumar, V Chittaranjan Das, 'Study and optimization of WEDM parameters of AISI P20+Ni using RSM and hybrid deep neural network', *Advances in Materials and Processing Technologies*, 14 Sept '2022 DOI: 10.1080/2374068X.2022.2116533.
12. B Kiran Kumar, V Chittaranjan Das, 'Perspective and Prospects of Wire Electric Discharge Machining', *Journal of Engineering Technol. Sci.*, Vol. 54, No. 5, 2022, 2205xx DOI: 10.5614/j.eng.technol.sci.2022.54.5.9 .

13. SrikanthKarumuri, V. Chittaranjan Das, M. Gopi Krishna, "Tribological Properties of Al 7075 Composite Reinforced with ZrB<sub>2</sub> Using Grey Relational Analysis" *Advances in Science and Technology Research Journal* 2022, 16(4),22–28 doi.org/10.12913/22998624/152020 ISSN 2299-8624,1st Sept 2022 pp:22-28
14. Siva kumarThupakula, V. Chittaranjandas, K. Srinivas, 'Experimental and Testing Of Kevlar Carbon And EGlass With 5% Zinc Oxide With Various Hybrid Materials Using Handlay Up Technique" ,The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, 99:1501-1509,July 2022.
15. B. Kiran Kumar, V. Chittaranjan Das ' Study and parameter optimization with AISI P20+Ni in Wire EDM performance using RSM and hybrid DBN based SAR"International Journal on Interactive Design and Manufacturing (IJIDeM) <https://doi.org/10.1007/s12008-022-00991-1>,August 2022,
16. M.R.A.Refaai, S.Narayanasamy,V.Chittaranjan Das, D.V.S.S.S.V.Prasad,N.Nalini and Subash Thanappan, "Mechanical Properties of Ramie/Hemp Hybrid Composites Influenced by tacking Arrangement and NaOH Treatment" *Advances in Polymer Technology* ,Article ID8737669, *Advances in Polymer Technology* Volume 2022, Article ID 8737669, <https://doi.org/10.1155/2022/8737669>.
17. Itha Veeranjanyulu, Chittaranjan das Vemulapalli, M. Gopi Krishna, ' Fabrication, Microstructure, and Mechanical Properties of AZ31/Silicon Carbide/Graphite Reinforced Hybrid Composites', *Advances in Science and Technology Research Journal* 2022, 16(6), 286–293, <https://doi.org/10.12913/22998624/156915>.
18. Srinivas, C., Rognatha Rao. D,Influence of Nano-SiC reinforcement during laser cutting of magnesium AS21-Bimodal SiC composites,*Advances in Materials and Processing Technologies* ,2023
19. Srinivas, C., Rognatha Rao. Influence of Process Parameters on Microstructure and Mechanical Properties ofAS21-SiC Composites through Two-Step Stir-Casting,*Silicon* 15(2), pp. 813-827,2023.
20. Srinivas, C., Rao, D.R.Empirical Modelling and Multi-Objective Optimisation of Laser Micro Machining on Magnesium Alloy AS21-SiC Metal Matrix Composite,*Annales de Chimie: Science des Matériaux*,46(5), pp. 259-271,2022
21. Srinivas, C., Senthil Kumar, S., Anil Kumar, T.C.H., ...Chokkalingam, M., Patil, P.P.*Polymer Composites*,43(4), pp. 2329-2340,2022
22. Mechanical, fracture toughness, and fatigue behavior of spinifex littoreus fiber on echinoidea-spike toughened epoxy composite.
23. Pavan Balappa Bagali, N. I. Haroon Rashid, C. Srinivas, 'Examine the Mechanical Properties of Aluminium Tetrahydride/Calotropis gigantea Based Hybrid Polyester Composites in Cryogenic Atmosphere', *Advances in Polymer Technology*, <https://doi.org/10.1155/2022/9164777>.
24. D. Rognatha Rao, C. Srinivas, 'Influence of Process Parameters on Microstructure and Mechanical Properties of AS21SiC Composites through Two step Stir Casting', *Silicon*, Vol. 14(11),Aug,2022, <https://doi.org/10.1007/s12633-022-02046-2>
25. Manukonda, S (Manukonda, Swetha) ; Bijjam, RR (Bijjam, Ramgopal Reddy)Wear Resistance of Stellite-6/TiC Coating on Stainless Steel 316L Produced by Laser Cladding Process, Volume47,Issue2,Page75-80, DOI10.18280/acsm.470203,PublishedAPR 2023.
26. Ramgopal Reddy Bijjam, Srinivas Chandanam, Govind Nandipati, Sneha H. Dhoria, 'Optimization of Machining Parameters in Drilling of Glass/Hemp/Bamboo Fibres

- Based Hybrid Polymer Composites', *Annales de Chimie - Science des Matériaux*, Vol. 46(3), pp. 127-133, 2022.
27. Rao, M.M., Sudheer, N.V.V.S., Basha, S.A., Kumar, P.P., Sree, N.S. Selection Criteria of Eco-Friendly Cooling Media Using MCDM for Metallurgical Operations, *Journal of Pharmaceutical Negative Results*, 2022, 13, pp. 899–902
  28. SanthiSree, N. Sudheer, N.V.V.S., Bhramara, P., Analysis of Closed Loop Pulsating Heat Pipe using optimisation techniques, *International Journal of Ambient Energy*, 2022, 43(1), pp. 2824–2833
  29. Madhu Kumar, R. Sudheer, N.V.V.S., Ganesh Babu, K. Experimental evaluation of the performance of two-stage hot cascade type vortex tube when the inlet pressure, length (L)/diameter (D) ratio and number of nozzles are varied, *International Journal of Ambient Energy*, 2022, 43(1), pp. 936–941
  30. Swamy, D.L.S.V.N., Kowsik, Y., Dhana Raju, V., ... Subramani, L., Bala Prasad, K. of 1-butanol on the characteristics of diesel engine powered with novel tamarind biodiesel for the future sustainable energy source, *Energy Sources, Part A: Recovery, Utilization and Environmental Effect*, 2023, 45(3), pp. 6547–6565.
  31. Reddy Sreenivasulu and Goteti Chaitanya, Self adaptive penalty method coupled with metaheuristic algorithms to optimization of varying geometrical parameters in drilling for multi hole parts, *Sigma Journal of Engineering and Natural Sciences*, Vol.40(4), pp.855–867, Dec, 2022. <https://doi.org/10.14744/sigma.2022.00101>
  32. D. Swapna, Ch. Srinivas rao, D. Sameer Kumar, S. Radhika, 'Taguchi based GRA-PCA hybrid optimization for the forming of AL6061 alloy in automotive applications. *Sigma*, 40(4), 742-754. 10.14744/sigma.2022.00090
  33. Ganji, V.R., Chaparala, A. Sajja, R. Shuffled shepherd political optimization-based deep learning method for credit card fraud detection *Concurrency and Computation: Practice and Experience* this link is disabled, 2023, 35(10)
  34. Kiran Relangi, N.D.S.S., Chaparala, A. Sajja, R. Effective Groundwater Quality Classification Using Enhanced Whale Optimization Algorithm with Ensemble Classifier, *International Journal of Intelligent Engineering and Systems* this link is disabled, 2023, 16(1), pp. 214–223
  35. Kiran, R.N.D.S.S., C. Aparna, S. Radhika, 'Identification of Potential Quality of Groundwater using Improved Fuzzy C Means Clustering Method'. *Mathematical Modelling of Engineering Problems*, Vol. 9, No. 5, pp.1369-1377. <https://doi.org/10.18280/mmep.090527>.
  36. Tomar, M., Mandava, S., Hemalatha, N., Rao, V.R., Mandava, R.K. Design of PID, FLC and Sliding Mode Controller for 2-DOF Robotic Manipulator: A Comparative Study *International Journal of Mathematical, Engineering and Management Sciences*, 2023, 8(1), pp. 94–104
  37. Reddy Sreenivasulu, 'Industrial Digitalization with Fourth Dimensional (4D) Printing - Novel Technology: Brief Review on Developments, Challenges and Applications', *Gazi University Journal of Science (Dergi Park)*, ISSN: 2147-1762, Vol:35(2), 682-693, June 2022, DOI: 10.35378/gujs.906652.
  38. J.P. Karthik, C.M. Raghuraman, C. Tara Sasanka, 'Investigation on pH influence for the effective transportation of coal water slurry using experimental design', *International journal of Coal preparation and utilization*, Nov. 2022, <https://doi.org/10.1080/19392699.2022.2149511>
  39. Yellapragada, N.V.S.R., Madala, V.S.K., Devarakonda, S.K., Dasari, K.R., Mohammad, H.S. Application of Taguchi - PCA/GRA Method to Optimize the Wear

Behaviour of Polyester/Carbon Fibre Composites, *Revue des Composites et des Materiaux Avances*, 2023, 33(2), pp. 65–73

40. Sneha.H.Dhoria, V.Durga Prasadarao, K.Venkata Subbiah, ' Thermal analysis on 6351Al/Gr/Sic hybrid metal matrix composites fabricated by squeeze casting process', *YMER*, Vol:21(10), Oct.2022. <https://doi.org/10.37896/YMER21.10/A5>
41. Srividya, K., Reddy, S.P., Prasad, K.H., ...Pranay, U.S., Yellapragada, N.V.S., Optimization of Process Parameters for Preparation of Lanthanum Hexa-Aluminate Powders Using Combinatorial Approach of Taguchi-GRA and ACO Methods, 2023, 47(1), pp. 43–50.