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### **Journal Publications:**

[1] Adsorption of Hydrogen sulfide from aqueous solution onto Zinc oxide: Batch and continuous mode of operation ,Indian Journal of Environmental Protection.

S Aruna Janani, V., Saravanan, S., and Rajesh

Journal of Environmental Protection, 2019

[2] Tensile and Hardness Properties of Sheep Wool Fiber Reinforced Polyester Composite, Materials Science Forum

KMMTHS J. Manivannan, S. Rajesh

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[3] Study on Emission Analysis of Tamarind based Ground Level Pyrotechnic

RMS Rajesh

Lecture notes in Mechanical Engineering, 2019

[4] Batch and column studies on the removal of methyl orange by Acalypha indica biomass using gravitational search algorithm as an optimization tool

SA Aruna Janani, V., Saravanan, S., Rajesh,S., Sivakumar, P.

Desalination and waste water Treatment 147, 385-397, 2019

[5] Nickel-Graphite electro composite coatings by GA optimize technique

PR T. Louie Frango, K. Ramanathan, S. Rajesh

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[6] ANN modeling for coefficient of friction of electro deposited Nickel-Graphite electro Composites

PR T. Louie Frango, K. Ramanathan, S. Rajesh

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[7] Solid particle erosive behaviour of sillimanite reinforced aluminium metal matrix composites

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[8] AWJ Machinability Performance of CS/UPR Composites with the Effect of Chemical Treatment

SNR S Kalirasu, N Rajini, S Rajesh H SuchartSiengchin

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[9] Wear resistance of Basalt particulates reinforced stir-cast Al7075 metal matrix composites

IB P. Amuthakkannan , V. Manikandan, M. Ayyanar Raja, S. Rajesh

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Materials and Manufacturing Process, 2017

[11] Process Optimization and Wear Behavior of Red Mud Reinforced Aluminum Composites

S Rajesh, ST Kumaran, M Uthayakumar, M Pethuraj

Advances in Tribology 2016, Article ID 9082593, 2016