

K.S.RANGASAMY COLLEGE OF TECHNOLOGY

(Autonomous)

Tiruchengode - 637 215. Namakkal Dt. Tamil Nadu

No. of Articles: 27

List of Scopus Indexed Conference Publications

Calendar year: 2022

S.No	Authors	Title	Conference	Vol.	Issue	S. Page	E. Page	Year
1	Gunasekar S.; Ramesh N.; Parthiban P.; Ramesh S.	An Innovative Approach on Pet Bottles Compiled with Waste Materials to Produce Eco-friendly Concrete	IOP Conference Series: Earth and Environmental Science	982	1			2022
2	Karthik A.; Jeyakumar R.; Sampath P.S.; Soundararajan R.	Mechanical Properties of Twill Weave of Bamboo Fabric Epoxy Composite Materials	SAE Technical Papers					2022
3	Arumuga A.R.; Punitha V.V.; Kaladevi P.; Muthusankar D.	An automatic Irrigation and Water Leakage Detection System in the Agricultural Field	Proceedings of the 2022 3rd International Conference on Communication, Computing and Industry 4.0, C2I4 2022					2022
4	Sudha S.; Jayanthi K.B.; Rajasekaran C.; Oomman A.	Analysis of Clinical Parameters for Onset of Cardiovascular Events through Machine Learning Algorithm	IEEE Region 10 Annual International Conference, Proceedings/TENCON	22-Novem				2022
5	Kandasamy K.; Surendhiran S.; Devi R.C.; Khadar Y.A.S.; Rajasingh P.; Balamurugan A.	Facile and eco-friendly synthesis of CdS quantum dots for enhancing corrosion inhibition of Zn metal plate in various environments	AIP Conference Proceedings	2385				2022
6	Veerappan G.; Pritima D.; Marichamy S.; Dhinakaran V.; Sathish S.	Investigation of mechanical properties and corrosion behavior of Nickel Bronze alloy prepared powder metallurgy	Materials Today: Proceedings	74		44	48	2022
7	Karthikeyan S.; Dhanakodi K.; Surendhiran S.; Thirunavukkarasu P.; Arunraja L.; Manojkumar P.	Structural, morphological and optical properties of pure and Yttrium (Y) doped lanthanum oxide (La2O3) nanoparticles by sonochemical method	AIP Conference Proceedings	2385				2022
8	Ravikumar S.; Surendhiran S.; Sunil J.; Suresh K.C.; Balamurugan A.; Khadar Y.A.S.; Benham A.	Facile and scalable synthesis of ZnS and tin doped zns nanostructures: A study on electrochemical properties for corrosion applications	AIP Conference Proceedings	2385				2022
9	Anand C.N.O.; Thirunavukkarasu P.; Surendhiran S.; Balamurugan A.; Suresh K.C.; Khadar Y.A.S.	Green synthesis, structural, optical and electrical properties of SnS and SnCdS thin films	AIP Conference Proceedings	2385				2022
10	Ajaykumar K.; Madhavi S.	Review on Crop Yield Prediction with Deep Learning and Machine Learning Algorithms	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			903	909	2022

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11	Rajasekaran C.; Raguvanan K.; Javanthi K.B.	Comparative Analysis of Deep Semantic Segmentation Architectures for Disease Identification in Turmeric Crops	IEEE Region 10 Annual International Conference, Proceedings/TENCON	22-Novem					2022
12	Saranya C.; Vijayananth M.V.; Mouleeshwaran S.; Kaviyarasu D.	An Image Processing Application: Design of VLSI based Bilateral Filter using Distance Matrix Method	2nd IEEE International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering, ICATIECE 2022						2022
13	Karthikeyan S.; Thirunavukkarasu P.; Surendhiran S.; Balamurugan A.; Khadar Y.A.S.	An eco-friendly synthesis of barium strontium titanate nanoparticles: Investigation on tin doping on structural and optical properties	AIP Conference Proceedings	2385					2022
14	Anand C.N.O.; Thirunavukkarasu P.; Surendhiran S.; Suresh K.C.; Balamurugan A.; Khadar Y.A.S.	Ultrafine CdS/reduced graphene oxide nanocomposite: Green synthesis, characterisation and improved opto-electrical properties	AIP Conference Proceedings	2385					2022
15	Suresh K.C.; Surendhiran S.; Benham A.; Sudha M.; Gopinath B.; Khadar Y.A.S.; Balamurugan A.	Enhancement of marine corrosion inhibition of mild steel by fabrication of environmental friendly CeO₂coating	AIP Conference Proceedings	2385					2022
16	Karthikeyan R.; Girimurugan R.; Sahoo G.; Maheskumar P.; Ramesh A.	Experimental investigations on tensile and flexural properties of epoxy resin matrix waste marble dust and tamarind shell particles reinforced bio-composites	Materials Today: Proceedings	68		2215	2219		2022
17	Anandarasu R.; Surendhiran S.; Krishna S.K.; Devabharathi V.; Balamurugan A.; Khadar Y.A.S.	Monodisperse ceria nanoparticles synthesized one phase system by hydro-solvothermal method: Evaluation of its anticorrosive properties	AIP Conference Proceedings	2385					2022
18	Chithradevi R.; Surendhiran S.; Balamurugan A.; Bhoopathy P.; Kandasamy K.; Khadar Y.A.S.	Evaluation of antibacterial activity and anticorrosive inhibition behaviour of copper doped cerium oxide nanoparticles (Cu-CeO₂ NPs)	AIP Conference Proceedings	2385					2022
19	SELVARAJ G.; NATARAJAN R.	Effect of two stages of mixing water approach on recycled aggregate concrete	Materials Today: Proceedings	68		1775	1779		2022
20	Singh S.; Poonkuzhali R.; Nithya G.; Kumar R.A.; Kartigeyan J.; Ramya S.	Enhanced Particle Swarm Optimization based Node Localization Scheme in Wireless Sensor Networks	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022			1019	1024		2022

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21	Murugan K.; Nithya R.; Prasanth K.; Fowjiya S.; Mageswari R.U.; Mohamed Ali E.A.	Analysis of Full Adder cells in Numerous Logic Styles	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022			90	96	2022
22	Mageshkumar P.; Senthil K.A.; Sudharsan N.; Poongodi K.; Murthi P.	Analysis of Spatial and Temporal Variability of Rainfall Using GIS in Rasipuram Taluk, Tamil Nadu, India	Lecture Notes in Civil Engineering	232		185	197	2022
23	Krishnapriya R.K.; Vinodhini G.; Suban R.; Sakthivel K.	Differential Privacy Analysis using Convolutional Neural Networks in COVID-19 X-ray Images Classification Model	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022			95	100	2022
24	Siddharthan B.; Kumaravel A.; Praveen J J.	Mechanical and electrical characterization of aluminium alloy metal matrix composites reinforced with graphite	Materials Today: Proceedings	66		1413	1418	2022
25	Loganathan P.; Shyamala G.; Ramesh S.	Experimental behaviour of FRP reinforced concrete structural elements	Materials Today: Proceedings	68		1550	1555	2022
26	Sudha S.; Jayanthi K.B.; Abitha S.B.; Menagadevi M.; KavinKumar K.	A Study on Statistical Analysis of Risk Factors in the Assessment of Cardiovascular Events in Indian Population	ECS Transactions	107	1	12841	12850	2022
27	Krishnan T.; Anguraj P.; Saravanan S.; Vidya A.; Sivanandam K.	Design of Area Efficient Unified Binary/Decimal Adder/Subtractor Using Triple Carry Based Prefix Adder	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022			1720	1725	2022