

# K.S.RANGASAMY COLLEGE OF TECHNOLOGY

(Autonomous)

Tiruchengode - 637 215. Namakkal Dt. Tamil Nadu

## 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.	<a href="#">An Innovative Approach on Pet Bottles Compiled with Waste Materials to Produce Eco-friendly Concrete</a>	IOP Conference Series: Earth and Environmental Science	982	1			2022
2	Karthik A.; Jeyakumar R.; Sampath P.S.; Soundararajan R.	<a href="#">Mechanical Properties of Twill Weave of Bamboo Fabric Epoxy Composite Materials</a>	SAE Technical Papers					2022
3	Karthikeyan S.; Dhanakodi K.; Surendhiran S.; Thirunavukkarasu P.; Arunraja L.; Manojkumar P.	<a href="#">Structural, morphological and optical properties of pure and Yttrium (Y) doped lanthanum oxide (La<sub>2</sub>O<sub>3</sub>) nanoparticles by sonochemical method</a>	AIP Conference Proceedings	2385				2022
4	Anand C.N.O.; Thirunavukkarasu P.; Surendhiran S.; Suresh K.C.; Balamurugan A.; Khadar Y.A.S.	<a href="#">Ultrafine CdS/reduced graphene oxide nanocomposite: Green synthesis, characterisation and improved opto-electrical properties</a>	AIP Conference Proceedings	2385				2022
5	Arumuga A.R.; Punitha V.V.; Kaladevi P.; Muthusankar D.	<a href="#">An automatic Irrigation and Water Leakage Detection System in the Agricultural Field</a>	Proceedings of the 2022 3rd International Conference on Communication, Computing and Industry 4.0, C2I4 2022					2022
6	Sudha S.; Jayanthi K.B.; Rajasekaran C.; Oomman A.	<a href="#">Analysis of Clinical Parameters for Onset of Cardiovascular Events through Machine Learning Algorithm</a>	IEEE Region 10 Annual International Conference, Proceedings/TENCON	22-Novem				2022
7	Murugan K.; Nithya R.; Prasanth K.; Fowjiya S.; Mageswari R.U.; Mohamed Ali E.A.	<a href="#">Analysis of Full Adder cells in Numerous Logic Styles</a>	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022			90	96	2022
8	Kandasamy K.; Surendhiran S.; Devi R.C.; Khadar Y.A.S.; Rajasingh P.; Balamurugan A.	<a href="#">Facile and eco-friendly synthesis of CdS quantum dots for enhancing corrosion inhibition of Zn metal plate in various environments</a>	AIP Conference Proceedings	2385				2022
9	Veerappan G.; Pritima D.; Marichamy S.; Dhinakaran V.; Sathish S.	<a href="#">Investigation of mechanical properties and corrosion behavior of Nickel Bronze alloy prepared powder metallurgy</a>	Materials Today: Proceedings	74		44	48	2022
10	Ravikumar S.; Surendhiran S.; Sunil J.; Suresh K.C.; Balamurugan A.; Khadar Y.A.S.; Benham A.	<a href="#">Facile and scalable synthesis of ZnS and tin doped zns nanostructures: A study on electrochemical properties for corrosion applications</a>	AIP Conference Proceedings	2385				2022
11	Mageshkumar P.; Senthil K.A.; Sudharsan N.; Poongodi K.; Murthi P.	<a href="#">Analysis of Spatial and Temporal Variability of Rainfall Using GIS in Rasipuram Taluk, Tamil Nadu, India</a>	Lecture Notes in Civil Engineering	232		185	197	2022

12	Anand C.N.O.; Thirunavukkarasu P.; Surendhiran S.; Balamurugan A.; Suresh K.C.; Khadar Y.A.S.	<a href="#">Green synthesis, structural, optical and electrical properties of SnS and SnCdS thin films</a>	AIP Conference Proceedings	2385					2022
13	Krishnapriya R.K.; Vinodhini G.; Suban R.; Sakthivel K.	<a href="#">Differential Privacy Analysis using Convolutional Neural Networks in COVID-19 X-ray Images Classification Model</a>	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022			95	100		2022
14	Ajaykumar K.; Madhavi S.	<a href="#">Review on Crop Yield Prediction with Deep Learning and Machine Learning Algorithms</a>	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			903	909		2022
15	Rajasekaran C.; Raguvaran K.; Javanthi K.B.	<a href="#">Comparative Analysis of Deep Semantic Segmentation Architectures for Disease Identification in Turmeric Crops</a>	IEEE Region 10 Annual International Conference, Proceedings/TENCON	22-Novem					2022
16	Saranya C.; Vijayananth M.V.; Mouleeshwaran S.; Kaviyarasu D.	<a href="#">An Image Processing Application: Design of VLSI based Bilateral Filter using Distance Matrix Method</a>	2nd IEEE International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering, ICATIECE 2022						2022
17	Karthikeyan S.; Thirunavukkarasu P.; Surendhiran S.; Balamurugan A.; Khadar Y.A.S.	<a href="#">An eco-friendly synthesis of barium strontium titanate nanoparticles: Investigation on tin doping on structural and optical properties</a>	AIP Conference Proceedings	2385					2022
18	Siddharthan B.; Kumaravel A.; Praveen J J.	<a href="#">Mechanical and electrical characterization of aluminium alloy metal matrix composites reinforced with graphite</a>	Materials Today: Proceedings	66		1413	1418		2022
19	Suresh K.C.; Surendhiran S.; Benham A.; Sudha M.; Gopinath B.; Khadar Y.A.S.; Balamurugan A.	<a href="#">Enhancement of marine corrosion inhibition of mild steel by fabrication of environmental friendly CeO<sub>2</sub>coating</a>	AIP Conference Proceedings	2385					2022
20	Loganathan P.; Shyamala G.; Ramesh S.	<a href="#">Experimental behaviour of FRP reinforced concrete structural elements</a>	Materials Today: Proceedings	68		1550	1555		2022
21	Sudha S.; Jayanthi K.B.; Abitha S.B.; Menagadevi M.; Kavinkumar K.	<a href="#">A Study on Statistical Analysis of Risk Factors in the Assessment of Cardiovascular Events in Indian Population</a>	ECS Transactions	107	1	12841	12850		2022
22	Karthikeyan R.; Girimurugan R.; Sahoo G.; Maheskumar P.; Ramesh A.	<a href="#">Experimental investigations on tensile and flexural properties of epoxy resin matrix waste marble dust and tamarind shell particles reinforced bio-composites</a>	Materials Today: Proceedings	68		2215	2219		2022
23	Anandarasu R.; Surendhiran S.; Krishna S.K.; Devabharathi V.; Balamurugan A.; Khadar Y.A.S.	<a href="#">Monodisperse ceria nanoparticles synthesized one phase system by hydro-solvothermal method: Evaluation of its anticorrosive properties</a>	AIP Conference Proceedings	2385					2022
24	Chithradevi R.; Surendhiran S.; Balamurugan A.; Bhoopathy P.; Kandasamy K.; Khadar Y.A.S.	<a href="#">Evaluation of antibacterial activity and anticorrosive inhibition behaviour of copper doped cerium oxide nanoparticles (Cu-CeO<sub>2</sub> NPs)</a>	AIP Conference Proceedings	2385					2022

25	SELVARAJ G.; NATARAJAN R.	<a href="#">Effect of two stages of mixing water approach on recycled aggregate concrete</a>	Materials Today: Proceedings	68		1775	1779	2022
26	Singh S.; Poonkuzhali R.; Nithya G.; Kumar R.A.; Kartigeyan J.; Ramya S.	<a href="#">Enhanced Particle Swarm Optimization based Node Localization Scheme in Wireless Sensor Networks</a>	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022			1019	1024	2022
27	Krishnan T.; Anguraj P.; Saravanan S.; Vidya A.; Sivanandam K.	<a href="#">Design of Area Efficient Unified Binary/Decimal Adder/Subtractor Using Triple Carry Based Prefix Adder</a>	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022			1720	1725	2022