

K.S.RANGASAMY COLLEGE OF TECHNOLOGY

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List of Scopus Indexed Conference Publications

Calendar year: **2021**

S.No	Authors	Title	Conference	Vol.	Issue	S. Page	E. Page	Year
1	Tamizharasan D.; Karthikeyan K.	Controllability of nonlocal impulsive differential equations with measure of noncompactness	Journal of Physics: Conference Series	1850	1			2021
2	Sudharsan N.; Grant C.J.B.; Murthi P.; Poongodi K.; Mahesh Kumar P.	A Comparative Experimental Investigation on Laced Reinforced Concrete Beam and Conventional Beam under Monotonic Loading	IOP Conference Series: Earth and Environmental Science	822	1			2021
3	Sekar K.; Gopinath S.; Sakthivel K.; Lalitha S.	Design and Implementation of a Deep Convolutional Neural Networks Hardware Accelerator	Journal of Physics: Conference Series	1964	5			2021
4	Karthikeyan S.; Thirunavukkarasu P.; Surendhiran S.; Syed Khadar Y.A.; Balamurugan A.; Gobinath B.	Structural, thermal and optoelectrical properties of pure and gadolinium doped barium strontium titanate for DSSC applications	Materials Today: Proceedings	47		970	977	2021
5	Bhat A.H.; Nguyen T.N.; Cengiz K.; Prabhu P.	An accurate and exact clustering algorithm for next generation sequencing metagenomic sequences	Mathematical Methods in the Applied Sciences					2021
6	Murugesan A.; Prakash R.; Kumaravel A.	An Experimental Investigation on DI-CI Engine Characteristics Fueled with Green Synthesized Nanoparticle Doped with Biodiesel Blends	Lecture Notes in Mechanical Engineering			285	302	2021
7	Vinosh M.; Raj T.N.; Prasath M.	Optimization of sheet metal resistance spot welding process fixture design	Materials Today: Proceedings	45		1696	1700	2021
8	Abdul Bari J.; Krithiga K.S.	Self-compacting Concrete: A Review	Lecture Notes in Civil Engineering	78		377	386	2021
9	Murugesan A.; Avinash A.; Subramaniam D.	Experimental Investigation on Performance and Emission Characteristics of Lime Treated and Preheated Biogas	Lecture Notes in Mechanical Engineering			273	284	2021
10	Surendhiran S.; Gowthambabu V.; Balamurugan A.; Sudha M.; Senthil Kumar V.B.; Suresh K.C.	Rapid green synthesis of CuO nanoparticles and evaluation of its photocatalytic and electrochemical corrosion inhibition performance	Materials Today: Proceedings	47		1011	1016	2021
11	Karthikeyan S.; Dhanakodi K.; Shanmugasundaram K.; Surendhiran S.	Synthesis and characterization of lanthanum oxide nanoparticles: A study on the effects of surfactants	Materials Today: Proceedings	47		901	906	2021
12	Syed Khadar Y.A.; Surendhiran S.; Gowthambabu V.; Halimabi Alias Shakila Banu S.; Devabharathi V.; Balamurugan A.	Enhancement of corrosion inhibition of mild steel in acidic media by green-synthesized nano-manganese oxide	Materials Today: Proceedings	47		889	893	2021

13	Saravanakumar S.; Gopalakrishnan S.; Kalaiselvan K.; Prakash K.B.	Microstructure and mechanical properties of Cu/RHA composites fabricated by friction stir processing	Materials Today: Proceedings	45		879	883	2021
14	Gunavathi C.; Sivasubramanian K.; Keerthika P.; Paramasivam C.	A review on convolutional neural network based deep learning methods in gene expression data for disease diagnosis	Materials Today: Proceedings	45		2282	2285	2021
15	Sujatha K.; Sharmila S.; Sudha A.P.; Shanmugasundaram O.L.	Surfactant assisted spectroscopic application of cadmium oxide nanoparticles prepared via co-precipitation method	Materials Today: Proceedings	50		48	52	2021
16	Ramesh C.; Murugesan A.; Mysami G.	Influence of Electronically Controlled Hot and Cold External ReBreathing System in DI-CI Diesel Engine for Reducing NOx Emission	Lecture Notes in Mechanical Engineering			537	547	2021
17	Karthikeyan S.; Thirunavukkarasu P.; Surendhiran S.; Balamurugan A.; Syed Khadar Y.A.; Shanmugasundaram K.	Facile synthesis of barium strontium titanate: Effects of processing parameters on optical and electrical properties	Materials Today: Proceedings	47		964	969	2021
18	Sundhari D.; Dhineshbabu N.R.; Sutha S.; Raja Saravanan M.E.	Encapsulation of bioactive agent (Curcumin, Moringa) in electrospun nanofibers - Some insights into recent research trends	Materials Today: Proceedings	46		2682	2685	2021
19	Ramya R.; Sona R.; Mohanapriya S.; Sri Nivas C.; Keerthana S.T.	Tomato leaf disease detection and classification with severity estimation using convolutional neural networks	12th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2021	021-Augus		960	966	2021