

K.S.RANGASAMY COLLEGE OF TECHNOLOGY

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List of Scopus Indexed Conference Publications

Calendar year: **2020**

S.No	Authors	Title	Conference	Vol.	Issue	S. Page	E. Page	Year
1	Murugesan A.; Prakash R.; Srinithi S.; Ranjith Kumar L.; Parthiban S.; Pavithran K.	Preparation and characterization of green synthesized cerium oxide nano particle doped with biodiesel blends	IOP Conference Series: Materials Science and Engineering	912	4			2020
2	Rajasekaran C.; Arul S.; Devi S.; Gowtham G.; Jeyaram S.	Turmeric Plant Diseases Detection and Classification using Artificial Intelligence	Proceedings of the 2020 IEEE International Conference on Communication and Signal Processing, ICCSP 2020			1335	1339	2020
3	Loganathan N.; Shanmugapriya M.; Logeswaran T.; Dhanapal M.	Optimized energy management control over price-responsive demands	IOP Conference Series: Materials Science and Engineering	906	1			2020
4	Arulmurugan L.; Raghavendra Prabhu S.; Ilangkumaran M.; Suresh V.; Saravanakumar R.; Raghunath M.	Kinematics and Plane Decomposition Algorithm for Non Linear Path Planning Navigation and Tracking of Unmanned Aerial Vehicles	IOP Conference Series: Materials Science and Engineering	995	1			2020
5	Kalaivani M.; Shyamala G.; Ramesh S.; Rajasri Reddy I.	Experimental Investigation on Jute Fibre Reinforced Concrete with Partial Replacement of Fine Aggregate by Plastic Waste	IOP Conference Series: Materials Science and Engineering	981	3			2020
6	Naveen Kumar V.; Daniel Ronald Joseph J.; Ashok M.; Suresh Kumar M.P.	An experimental study on assessing the corrosion performance of steel reinforcement for the durability of concrete	IOP Conference Series: Materials Science and Engineering	989	1			2020
7	Shyamala G.; Kumarasamy K.; Ramesh S.; Kalaivani M.; Pillalamarri S.P.	Influence of nano-silica in beam-column joint flextural properties	IOP Conference Series: Materials Science and Engineering	872	1			2020
8	Nagaraj S.; Mohanraj E.	Enhanced Selective Encryption method for Bigdata Sensing Stream using one way Hash Chain Algorithm	Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			297	302	2020
9	Subramaniam S.; Jayanthi K.B.; Rajasekaran C.; Kuchelar R.	Deep learning architectures for medical image segmentation	Proceedings - IEEE Symposium on Computer-Based Medical Systems	2020-July		579	584	2020
10	Kumar T.S.; Venkatesan T.	A Survey on Demand Response in Smart Power Distribution Systems	ICPECTS 2020 - IEEE 2nd International Conference on Power, Energy, Control and Transmission Systems, Proceedings					2020

11	Nandakumar N.S.; Sasikumar K.S.K.; Sambathkumar M.; Saravanan N.	Investigations on AWJ cutting process of hybrid aluminium 7075 metal matrix composites using nozzle oscillation technique	Materials Today: Proceedings	33		2798	2802	2020
12	Sasikumar K.S.K.; Dineshkumar K.; Deeban K.; Sambathkumar M.; Saravanan N.	Effect of shot peening on surface properties of Al7075 hybrid aluminum metal matrix composites	Materials Today: Proceedings	33		2792	2794	2020
13	Saravanan N.; Sasikumar K.S.K.	Waste water treatment process using Nano TiO2	Materials Today: Proceedings	33		2570	2572	2020
14	Sasikumar K.S.K.; Saravanan N.; Sambathkumar M.; Guekndran R.	Acoustic characterization of farm residues for sound absorption applications	Materials Today: Proceedings	33		2917	2922	2020
15	Arthanarisamy M.; Rajavel P.; Shankar S.; Karuppannagounder E.; Alagumalai A.	Experimental investigation on vegetable oil and diesel blends in premixed charge di CI engine	AIP Conference Proceedings	2225				2020
16	Tamilarasu P.; Jones Praveen J.; Siddharthan B.; Vivek U.; Giridharan M.	Enhancing the material properties of EN24 pinion material by heat treatment process	IOP Conference Series: Materials Science and Engineering	764	1			2020
17	Kandasamy K.; Surendhiran S.; Syed Khadar Y.A.; Rajasingh P.	Ultrasound-assisted microwave synthesis of CdS/MWCNTs QDs: A material for photocatalytic and corrosion inhibition activity	Materials Today: Proceedings	47		757	762	2020
18	Karthi S.; Sasikumar K.S.K.; Sangeetha R.K.; Saravanan N.	Effect of relative content on mechanical properties of coir and napier grass fibers reinforced hybrid polyester composites	Materials Today: Proceedings	33		2929	2933	2020
19	Kirthika B.; Sekar S.; Saravanan S.; Shivasankaran N.; Balan A.V.; Kalirajan M.	Performance analysis of synthesized ZnO nanoparticles coated photovoltaic cell	Materials Today: Proceedings	21		511	513	2020
20	Narmatha M.; Arulraj P.; Bari J.A.	Effect of magnetic water treatment for mixing and curing on structural concrete	Materials Today: Proceedings	37	Part 2	671	676	2020
21	Kalaivani M.; Shyamala G.; Ramesh S.; Angusenthil K.; Jagadeesan R.	Performance evaluation of fly ash/slag based geopolymer concrete beams with addition of lime	Materials Today: Proceedings	27		652	656	2020
22	Jayapandiyan J.R.; Kavitha C.; Sakthivel K.	Optimal Secret Text Compression Technique for Steganographic Encoding by Dynamic Ranking Algorithm	Journal of Physics: Conference Series	1427	1			2020
23	Arul M.; Sasikumar K.S.K.; Sambathkumar M.; Gukendran R.; Saravanan N.	Mechanical and fracture study of hybrid natural fiber reinforced composite - Coir and sugarcane leaf sheath	Materials Today: Proceedings	33		2795	2797	2020
24	Krishnan T.; Saravanan S.; Pillai A.S.; Anguraj P.	Design of high-speed RCA based 2-D bypassing multiplier for fir filter	Materials Today: Proceedings	33		3692	3696	2020
25	Ramya R.; Kumar P.; Sivanandam K.; Babykala M.	Detection and classification of fruit diseases using image processing cloud computing	2020 International Conference on Computer Communication and Informatics, ICCCI 2020					2020

26	Krishnan T.; Saravanan S.	Design of Low-Area and High Speed Pipelined Single Precision Floating Point Multiplier	2020 6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020			1259	1264	2020
27	Krishnan T.; Saravanan S.; Anguraj P.; Pillai A.S.	Design and implementation of area efficient EASIC modulo adder	Materials Today: Proceedings	33		3751	3756	2020
28	Parthipan N.; Ilangkumaran M.	Material synthesis, characterization and performance measurement of laser drilling for stir casted Cu-Ni-TiB₂ metal matrix	Materials Today: Proceedings	21		392	400	2020