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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JAN 2021-DEC 2021

s.No	TITLE OF THE PAPER	AUTHOR NAME	NAME OF THE JOURNAL	YEAR OF PUBLICATION	ISSN/ISBN number	No of citations	H-Index	SCOPUS/UGC
1	Motion discovery through change discovery filter matrix derived from the discrete cosine transform	Dr.G.Thamarai Selvi	Materials Today Proceedings	https://doi.org/10.1016/j.matpr.2020.10.696	2214-7853			Elsevier-scopus
2	Contrasting the performance metrics of discrete transformations on digital image steganography using artificial intelligence	Dr.G.Thamarai Selvi	Materials Today Proceedings	https://doi.org/10.1016/j.matpr.2020.12.076 2214-7853/2021	2214-7853			Elsevier-scopus
3	A review of classification algorithms in machine learning for medical IOT	Dr.R.Prabha Ms.S.Deivanyagi Ms.D.Pushgararani	International Journal of Pharmaceutical Research	Jan-mar 2021 DOI:10.31838/jipr/2021.13.01.448	0975-2366			Scopus
4	Early Prediction of sepsis using clinical data	Mrs.R.Lakshmi Devi	IEEEICSCAN 2020	Jan 2021	97817281-6202-7			scopus
5	Assessment and Prioritization of the Critical Factors Triggering Road Accidents in India	Dr.G.Thamarai Selvi	international journal of safety and security engineering	vol 11,no2, April 2021	PP 201-211			Scopus
6	Improving Performance of Speech Processing using Hybrid	Dr.R.Prabha	Annals of R.S.C.B.,	Vol. 25, Issue 4, 2021, Pages. 13742 - 13751	ISSN:1583-6258			Scopus

	Pitch Estimation in Machine Learning							
7	CNN algorithm for plant classification in deep learning	G. Valarmathi, S.U. Suganthi, V. Subashini, R. Janaki, R. Sivasankari, S. Dhanasekar	Materials Today Proceedings, 2021	46(2021)	3684-3689			scopus
8	IoT based controlled decomposition process for organic materials	K. Sangeetha, S. Sweetline Shamini, R. Lakshmi Devi	Materials Today Proceedings, 2021	46(2021)	3684-3689			scopus
9	Coal mine safety system for mining workers using LORA and WUSN	S.U. Suganthi, G. valarmathi, V. Subashini, R. Janaki, R. Prabha	Materials Today Proceedings, March 2021	46(2021)	3684-3689			scopus
10	Survey on regression analysis of photoplethysmography using machine learning	V. Subashini, R. Janaki, G. Valarmathi, S. Suganthi, R. Prabha, K. Sivasankari,	Materials Today Proceedings, 2021	46(2021)	3684-3689			scopus
11	Swarm robot materials handling paradigm for solar energy conservation	Prasath kumar, A. Ravindran, N. Oral Roberts	Materials Today Proceedings, March 2021	46(2021)	3924-3928			scopus
12	Classification Of Defected Spine And Segmentation Using Deep Learning	Ms.G.Valarmathi	Turkish Journal of Physiotherapy and Rehabilitation; 32(2)	2021	ISSN 2651-4451 e-ISSN 2651-446X			Scopus
13	Computational analysis of INVELOX wind turbine to analyze the	Deivanayagi, S.	Materials Today: Proceedings.	2021	4245-4249			scopus

	venturi velocity by change the parameter of diffuser							
14	Digital elevation model and terrain mapping using LiDAR	Dr.G.Saritha	Materials Today: Proceedings , 2020,	2021	46, pp. 3979–3983			scopus
15	Gain enhancement by utilizing hexagonal reflector based optimized textile antenna	Dr.R.Prabha	Journal of ambient intelligence and humanised computing	feb 2021	Springer-18 68-5137			scopus
16	Deep learning based pathogen infestation detection in plants	Pushgara Rani D.	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2021	https://ieeexplore.ieee.org/xpl/conhome/9432068/proceeding			
17	Review of Vedic Multiplier Using Various Full Adders	Dr.G.Thamarai Selvi	Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021		https://ieeexplore.ieee.org/xpl/conhome/9417811/proceeding			
18	IoT based Intelligent Attendance Monitoring with Face Recognition Scheme	Dr.G.Thamarai Selvi	Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021		https://ieeexplore.ieee.org/xpl/conhome/9417811/proceeding			Scopus
19	Assessment and prioritization of the critical factors	Dr.G.Thamarai Selvi	International Journal of Safety and	2041-9031	https://www.iieta.org/Journals/IJSSE			Scopus

	triggering road accidents in India		Security Engineering					
20	CNN based skin cancer cell detection system from dermoscopic images	Sivasankari K.	Turkish Journal of Physiotherapy and Rehabilitation	2651-4451	https://www.turkjphysiotherrehabil.org/index.html			Scopus
21	Coordination schemes for resource oriented operation in wireless sensor actuator networks with queuing theory	Suganthi S	Journal of Ambient Intelligence and Humanized Computing	2021	1868-5145			Scopus
22	Motion discovery through change discovery filter matrix derived from the discrete cosine transform	Dr.G.Thamarai selvi	Materials Today: Proceedings	2021	2214-7853			Scopus
23	Predicting Stock Prices Using Machine Learning Techniques	Dr.R.Prabha	Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021	2021				Scopus
24	Improved Cluster Head Selection for Data Aggregation in Sensor Networks	Dr.R.Prabha,Dr.Su. Suganthi	2021 2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	IEEE				Scopus
25	Gain enhancement by utilizing hexagonal reflector based optimized textile antenna	Prabha R.	Journal of Ambient Intelligence and Humanized Computing	1868-5137				Scopus

26	Smart train accident detection and prevention system using iot technology	R.Lakshmi devi,G.Saravanan, K.Sangeetha	021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021					
27	Design and implementation of an adaptive fuzzy logic speed controller for srm drive	Dr.P.Saravanan	proceedings of the 7th International Conference on Electrical Energy Systems, ICEES 2021, 2021,	pp. 469–474, 9383750				scopus
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Sl no	Faculty ID	Name of the faculty	Scopus	SCI / WOS
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3	IT08EC0 1	Dr.P.SARAVANAN	2	
4	IT10EC0 2	Ms.R.LAKSHMI DEVI	4	
5	IT10EC0 3	Dr.G.SARITHA	1	
6	IT10EC0 4	Mr.RAMPRASATH MAHARANA	2	
7	IT11EC0 3	Dr.G.SARAVANAN	6	
8	IT12EC0 4	Ms.G.VALARMATHY	5	
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			54	2