

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor / h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1.	Dr.S.Selvamuthukumar	An optimized rubber sheet model for normalization phase of IRIS recognition	Computer Science and Information Technologies Vol. 1, No. 3, November 2020, pp. 126~134 ISSN: 2722-3221,			Yes				https://doi.org/10.11591/csit.v1i3.p126-134
2		Designing and Developing a Dynamic Healthcare System Using Machine Learning and Data Analytics	Journal of Chengdu University of Technology (Science and Technology Edition), Volume 26, July -2021 ISSN-NO-1671-9727	Impact Factor: 6.0	Yes	Yes			Yes	
3		Fog Enabled Cloud Based Intelligent Resource	Journal of Computational and Theoretical		Yes	Yes				https://doi.org/10.1166/jctn.2021.9401

		Management Approach Using Improved Grey Wolf Optimization Strategy and Kernel Support Vector Machine	Nano Sciences Volume 18, Number 4, April 2021, pp. 1275-1281(7)							
4		Effective clustering based LEACH algorithm for efficient routing in Internet of Things (IoT)	Journal of Seybold Report Volume 15 Issue 9 2020 Page: 1376 - 1386 ISSN No: 1533-9211			Yes				
5		An Adaptive QoS Supportive Approach for User Based Services using Krill Herd Approach Over Internet Of Things	International Journal of Knowledge-based and Intelligent Engineering Systems, vol. 25, no. 1, pp. 109-117, 2021			Yes				10.3233/KES-210056

		(KHAI)								
6		An Opportunistic Route Prediction Approach Over IoT Network for Reactive QoS Support And Differential Services (ORPI)	International Journal of Advanced Research in Engineering and Technology Volume 11, Issue 8, August 2020, pp. 427-438 ISSN Print: 0976-6480 and ISSN Online: 0976-6499			Yes				10.34218/IJA RET.11.8.20 20.043
7		Hybridization of Improved Shuffled Frog Leaping Algorithm with Elastic Neural Network for Fog Enabled Cloud based Intelligent Resource	Journal of Green Engineering Volume 10 Issue 10 Pages 7602 - 7620			Yes				

		Management								
8	Dr.G.Pradeep	A Hybrid Co-Occurrence and Ranking-Based Approach for Detection of Implicit Aspects in Aspect-Based Sentiment Analysis	A Springer Nature Journal - SN Computer Science Volume 1, Issue 3 Page: 128 2661-8907 2661-8907			Yes				https://doi.org/10.1007/s42979-020-0106-9
9		Performance and Scalability Improvement Using IoT-Based Edge Computing Container Technologies	A Springer Nature Journal - SN Computer Science Volume 1, Issue 3 Page: 1-7 2661-8907 2661-8907			Yes				https://doi.org/10.1007/s42979-020-0106-9
10		Computer Aided Deep Transfer Learning Based Skin Lesion Segmentation and Classification	International Journal of Advanced Science and Technology Volume 29 Issue 4 Pages 10644 - 10662		Yes	Yes				

		using Dermoscopic Images								
11		Non Interactive Grabcut based Segmentation with Deep Learning Model for Skin Lesion Detection and Classification	International Journal of Advanced Research in Engineering and Technology Volume 11, Issue 10, October 2020, pp. 1275-1293 ISSN Print: 0976-6480 and ISSN Online: 0976-6499		Yes	Yes				10.34218/IJA RET.11.10.2 020.122
12		Ensemble of Deep Learning based Segmentation with Classification Model for Skin Lesion Diagnosis Using Deroscopic	Journal of Computational And Theoretical Nano Sciences Volume 18, Number 3, March 2021, pp. 710-721(12)		Yes	Yes				https://doi.org/10.1166/jctn.2021.9667

		Images								
13 .	N.Srinivasan	IOT and Cloud Based Remote Patient Health Monitoring System	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 8 Issue V May 2020, ISSN: 2321-9653;	Impact Factor: 7.429		Yes			Yes	http://doi.org/10.22214/ijra.set.2020.5461
14		Designing and Developing a Dynamic Healthcare System Using Machine Learning and Data Analytics	Journal of Chengdu University of Technology (Science and Technology Edition), Volume 26, July -2021 ISSN-NO-1671-9727	Impact Factor: 6.0	Yes	Yes			Yes	

Department of Mechanical Engineering

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					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1	Dr.C.Sundar Raj Dr. S.Vijayaraj	Novel Ecofriendly Process for Lanthanum Oxide Nano Fluids in Automobile Radiator for Efficient Heat Transfer	Journal of Environment al Protection and Ecology	0.21	Yes	Yes				
2	Dr. S.Vijayaraj Dr. A. Balaji Mr.R.Purushotham an Dr.P.Balasubrama nian	Study on Mechanical, Thermal and Morphological Properties of Banana Fiber-Reinforced Epoxy Composites	Journal of Bio- and Tribo-Corrosion	0.41	Yes	Yes	-	-	12	https://doi.org/10.1007/s40735-020-00357-8
3	Dr. A. Balaji,	Mechanical and thermal	Results in	0.4	-	Yes	-	-	-	

	Dr.A.HajaMaideen Mr.R.Purushotham an	characterization of bagasse fiber/coconut shell particle hybrid biocomposites reinforced with cardanol resin	Chemistry							https://doi.org/10.1016/j.rechem.2020.100056
4	Dr. A. Balaji	Comparative mechanical, thermal properties and morphological study of untreated and NaOH- treated coconut shell-reinforced cardanol environmental friendly green composites	Journal of Adhesion Science and Technology.	0.4	Yes	Yes	Yes			https://doi.org/10.1007/s42114-019-00079-7
5	Dr. A. Balaji	Forecasting the Finest Firmness of Biocomposites using Response Surface Design Methodology	International Journal of Recent Technology and Engineering.	-	Yes	Yes	-	-	-	10.35940/ijrte.F8205.038620
6	Dr. A. Balaji	Investigation on three point	International Journal of	-	Yes	Yes	-	-	-	

		flexural strength of alkaline treated banana fiber reinforced cardanol resin polymer composites by response surface methodology	Mechanical and Production Engineering Research and Development (IJMPERD)							
7	Dr. A. Balaji	Banana Fiber -A new class of environmental friendly Polymer Composite	Research Journal of Chemistry and Environment (RJCE)	0.13	Yes	Yes	-	-	-	
8	Dr.A.HajaMaideen	Experimental investigation in friction stir welding of dissimilar aluminium alloys AA2014 and AA6063 using taguchi technique	International journal of advanced research in basic engineering sciences and technology	-	Yes	Yes	-	-	-	-
9	Dr.A.HajaMaideen	Surface Modification of Al 7075 by	Materials Today Proceedings	0.34	yes	Yes	-	-	-	-

		Electrical Discharge Alloying and influence of Surface Roughness using RSM	Scopus							
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Department of Electronics and Communications Engineering

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1.	Dr.S.Sivanesskumar	Low Power Geffe And Smoother Combined Test Pattern Generator For Bist	International Journal Of Creative Research Thoughts Vol 8. Issue 12 PP.1308-1314 Issn:2320-2882	--	Yes	-	-	-	-	--

2.	Prof. Chitravalavan	Hash Trick Based Deep Neural Network Implementation Using Optimized Stochastic Multiplier	International Journal Of Creative Research Thoughts Vol 8 Issue 12 pp.1361-1366 Issn:2320-2882	--	Yes	-	-	-	-	--
3.	Dr.B.S.Sathishkumar	Wireless Smart Sensor based Device for Specially Abled Persons	Journal of Xidian University Volume 14, Issue 4, 2910-2919 ISSN No: 1001-2400,	--	Yes	Yes	-	-	-	doi.org/10.37896/jxu.14.4/318
		An extensive survey on fractal structures using iterated function system in patch antennas in	International Journal of Communication Systems		yes	Yes	Yes	-	-	doi.org/10.1002/dac.4932

4.	Mrs.C.Jayasri	A novel swarm intelligence optimized spectrum sensing approach for cognitive radio network.	Turkish Journal of computer and mathematics education Vol 12, no 6 pp.136-143 Issn No: 1309-4653	--	Yes	-	-	-	-	https://doi.org/10.17762/turcomat.v12i6.1278
		Spectrum sensing in cognitive radio network using cuckoo search with charged system search heuristic	Design Engineering Vol 2021:Issue 07 pp.144-150 ISSN No:0011-9342	--	Yes	-	-	-	-	DOI: 10.5373/JARDCS/V12SP3/20201270

Department of computer Science and Engineering

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					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation	

			(ISSN No.)						Index	
1.	R.Sudha, Dr.G.Indirani, Dr.S.Selvamuthukumar	Fog Enabled Cloud Based Intelligent Resource Management Approach Using Improved Grey Wolf Optimization Strategy and Kernel Support Vector Machine	Journal of Computational Theoretical and Nanoscience Volume 18, 1275–1281 (2021)	0.46	Yes	Yes	No	No	Yes	https://doi.org/10.1166/jctn.2021.9401
2.	Mrs.V.Sathya, Dr.V.Vani, Dr.Sridhar, Mr.M.Kirankumar	An Obfuscation Technique for Malware Detection and Protection in Sandboxing	Artificial Intelligence for cyber security: methods, issues and possible horizons or opportunities Volume 972, 502891_1_E	Book	No	No	No	No	No	https://doi.org/10.1007/978-3-030-72236-4_10

			n (10)							
3.	E. Sivasankar, K. Krishnakumari, P. Balasubramanian;	An enhanced sentiment dictionary for domain adaptation with multi-domain dataset in Tamil language (ESD-DA)	Soft Computing, Springer, Berlin Heidelberg Volume 25, Issue: 05, pp: 3697–3711	IF (3.050)	Yes	Yes	Yes	Yes	Yes	https://doi.org/10.1007/s00500-020-05400-x
4.	R.Ramya, Dr.S.Kannan, Dr.M.Chinnadurai	Predicting unwanted user in Social Communities using machine learning techniques	International Research Journal of Modernization in Engineering Technology and Science 2582-5208 Volume:03 Issue:01	-	No	No	No	No	No	-
5.	R.Sudha, S.Arunprasad	Gas Leakage Detection and alerting system using	International journal of creative research	-	No	No	No	No	No	-

		IoT for home and industrial safety	thoughts Volume 8, Issue 9							
6.	R.Sudha, Dr.G.Indirani, Dr.S.selvamuthukumar	Hybridization of Improved Shuffled Frog Leaping Algorithm with Elastic Neural Network for Fog Enabled Cloud based Intelligent Resource Management	Journal of Green Engineering Volume-10, Issue-10, 7602-7620							
7.	P.Iswarya, Dr.S.Padmapriya	Privacy Based Multiple Location Transformation Using Encryption Free Framework	International Journal of Creative Research Thoughts Vol. 8, Issue-7, pp. 3732-3739	-	No	No	No	No	No	-

8.	Mrs.J.Sudha, Ms.S.Ramapriya	Rumor detection twitter using graph convolutional network	International journal of creative research thoughts Vol. 8, Issue- 6,3019-3025	-	No	No	No	No	No	-
9.	Mrs.V.Sathya, N.Prathipa	Multi-storage distributed storage for image security using dual mode encryption	International Journal of Creative Research Thoughts Volume 8, Issue 5,	-	No	No	No	No	No	-

Department of Electrical and Electronics Engineering

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/ h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citati on Index	
1	Dr. A. Ravi	Solar Powered	International Journal of			Yes				

		Wireless Charging Station for Electric Vehicle	Innovative Research in Technology (IJIRT) Vol. 7,pp. 309-313, 2021 I ISSN: 2349-6002							
2	Dr. A. Ravi	Traffic Management System using Machine Learning Algorithm	International Journal of Innovative Research in Technology (IJIRT), Vol7, 303-308-2021 ISSN: 2349-6002			Yes				
3	I.Mahendrarvarman And A. Ragavendiran	Artificial intelligent controller based power quality improvement for micro grid integration of photovoltaic system using new cascade multilevel inverter,	Softcomputing-springer 24 (24), 18909-18926 June 2020 14327643	3.86/81	Scopus/SCI					10.1007/s00500-020-05120-2
3	Selvaganapathy, R, & Ravi	Optimal Power Flow Analysis	International Journal of Electrical	-	Scopus					

		using Unified Power Flow Controller	Engineering & Technology, vol. 11, no. 10, pp. 1-9.							
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Department of Information Technology

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					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
	Dr. V. Padmavathi	An adaptive QoS supportive approach for user based services using Krill Herd	International Journal of Knowledge-based and Intelligent Engineering Systems 25 (2021) 109–		Yes		Yes			DOI 10.3233/KES-210056 IOS Press

		Approach over Internet of Things (KHAI)	117 109							
	Mr.A.Arulmurugan	Computer aided deep transfer learning based skin lesion segmentation and classification using dermoscopic	International Journal of advanced science and technology		yes					
	Mr.A.Arulmurugan	Non interactive grabcut based segmentation with deep learning model for skin lesion detection and classification	International Journal of advanced Research in engineering and technology		yes					
	Mr.A.Arulmurugan	Ensemble of deep learning based	Journal of computational and		yes					

		segmentation with classification model for skin lesion diagnosis using deroscopic images	theoretical nanosciences							
	Dr.R.Kanimozhi	Predictive classification of breast cancer using machine learning	International Journal of advanced research ideas and innovations in technology							

Department of Civil Engineering

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1	Dr.R.Jayasankar	Prediction of long term pattern and its	International Journal of Creative	7.97						

		extreme event frequency of rainfall in cauvery delta basin	Research Thoughts (IJCRT), Volume 8, and Issue 10 April 2021 ISSN: 2320-2882.							
2	Mr.S.Harikrishnan	Experimental Investigation on replacement of coarse aggregate by coconut shell and bamboo in concrete	International research Journal of Engineering & Technology. Volume 8, Issue :03 march 2021, ISSN : 2395 - 0056	7.53						

Department of Science
and Humanities

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			Vol., No., pp (ISSN No.)	h-index	Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1.	J.Swaminathan	Molecular, vibrational (FT-IR and FT-Raman), NMR and UV spectral analysis of imidazo[1,2-b]pyridazine using experimental and DFT calculations	Chemical Physics Letters, Vol. 739, Jan. 2020, 136943.	(Impact factor : 1.901)	yes	yes				https://doi.org/10.1016/j.cpl.2019.136943
2.	J.Swaminathan	Crystallographic, spectral and computational studies on (S)-4-(4-aminobenzyl) oxazolidin-2-one	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Vol. 239, Oct. 2020,	(Impact factor : 3.232)	yes	yes				10.1016/j.saa.2020.118484 .

			118484							
3.	J.Swaminathan	Mechanical and thermal characterization of bagasse fiber/coconut shell particle hybrid biocomposites reinforced with	Results in Chemistry, Vol. 2, Jan 2020, 100056.		yes	yes				https://doi.org/10.1016/j.chem.2020.100056
4.	J.Swaminathan	Crystallographic investigation, Hirshfeld Surface Analysis, NLO characterization and experimental spectral (UV and NMR) studies with DFT probe on (R)-9-(2 hydroxy propyl)adenine	Heliyon Journal, Vol. 7, Issue 4, April. 2021, e06593.		yes	yes	yes			https://doi.org/10.1016/j.heliyon.2021.e06593
5.	M.K.Sangeetha & M.Joice Malini	Electro-optic property evaluation, vibrational analysis and optical	Elsevier Chemical physics letter S0009-		yes		yes			https://doi.org/10.1016/j.cpl.2020.138268

		investigation on NLO crystal; Nickel sulfate doped LValin crystal using theoretical tools	2614(20)3 1167-2							
6.	M.K.Sangeetha & M.Joice Malini	Electro-optic characteristics investigation on NLO crystal; L-Valine doped Ethylene Diamine Tetra Acetate (EDTA) composite crystal using quantum chemical calculations	Elsevier Chemical Physics Impact 2 (2021) 100021		yes		yes			https://doi.org/10.1016/j.chphi.2021.10002
7.	M.K.Sangeetha & M.Joice Malini	Thermal Behaviour, NLO Investigation and Antimicrobial Activity of L-Alanine doped Ethylene Diamine Tetra Acetate Composite Crystals	Indian Journal of Natural Sciences Vol.11 / Issue 63 / December / 2020 ISSN: 0976 –				yes			

			0997							
8.	A.Sathya	Structure activity investigation, CT complex analysis and spectroscopic investigation on antibiotic drug; Sulfameth oxazole using quantum chemical calculations	Elsevier Chemical physics Impact Volume 3, December 2021, 100031		yes		yes			https://doi.org/10.1016/j.chp.2021.100031
9.	S.Sathya	Scientometric analysis based on dimension of research productivity of faculty in VIT University from Web of Science	Library Philosophy and Practice ISSN 1522-0222							
10.	G.Geethalakshmi	Computational modeling and water analysis of parameter estimation by uncertainty	Journal of Physics: Conference Series 1850 (2021)			yes				doi:10.1088/1742-6596/1850/1/012057

		quantification in water resources	012057							
11 .	G.Rajeswari	Synthesis, growth, optical studies and antimicrobial activity of a new semiorganic nonlinear optical crystal L-valine bariumchloride	Elsevier Materials Today		yes		yes			https://doi.org/10.1016/j.matpr.2021.01.933