

SRM VALLIAMMAI ENGINEERING COLLEGE
(An Autonomous Institution)
DEPARTMENT OF INFORMATION TECHNOLOGY
FACULTY-JOURNAL PUBLICATIONS (Indexing – SCI/Scopus/UGC Approved)

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
1.	2021-2022	K.Elaiyaraja Dr.M.Senthil Kumar Dr.B.Chidhambararajan	A Strategical Analysis and A Comparative Study on DMF	34(7) - 2021, pp.15-19, ISSN:0017-2294	GORTERIA, July 2021	UGC Approved (CARE-II)
2.		J.Tracy Tina Angelina Bathula Murali Krishna , A.R.Revathi S.R.Preethi	A Review on the Detection of Skull by Forensic Analysis	15(4), pp.1492-1500 P-ISSN : 0973-9122 O-ISSN : 0973-9130	Indian Journal of Forensic Medicine & Toxicology, October 2021	Scopus
3.		J.V.Anchitaalagammai Rajesh Verma M. Kavitha A.R.Revathi S.R.Preethi Kiranmai Bellam	Fuzzy Based Reliable Load Balanced Routing Approach for Ad hoc Sensor Networks	41(3) pp.861-874 DOI:10.32604/csse.2022.021049 ISSN: 0267-6192 (print)	Computer Systems Science & Engineering, December 2021	SCI (Web of Science)
4.		S.Jeyalakshmi S.Sekar S.Ravikumar D.Kavitha	Random Forest-Based Oppositional Henry Gas Solubility Optimization Model for Service Attack Improvement in WSN	pp. 1-12 ISSN 22502114 (O), 22502106 (P)	Journal of The Institution of Engineers (India): Series B, January 2022	Scopus, UGC-CARE List
5.		H. Anwar Basha, R. Saravanakumar,	A data transmission approach with energy reduction based on	ISSN (O) 1755-9766	International Journal of Engineering Systems Modelling	Scopus

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		K. Prabu, Divyendu Kumar Mishra, S. Narayanan , A. Samydurai	virtual machine migration technique in cloud computing	ISSN (P) 1755-9758	and Simulation, January 2022	
6.		Satish S. Salunkhe, Aditya Tandon, J. Thimmia Raja, S. Narayanan , Varsha ., D. Ramkumar	Data protection and threat prediction in industrial IoT cloud environment	ISSN (O) 1755-9766 ISSN (P) 1755-9758	International Journal of Engineering Systems Modelling and Simulation, January 2022	Scopus
7.	2020-2021	D.Kavitha S.Ravikumar	Designing An Iot based Autonomous Vehicle Meant for Detecting Speed Bumps and Lanes on Roads	pp:1-10 ISSN: 1868-5137	Journal of Ambient Intelligence and Humanized Computing, July 2020	SCI,SCIE
8.		S.Ravikumar D.Kavitha	IoT based home monitoring system with secure data storage by keccak-Chaotic sequence in cloud server	ISSN : 1868-5137	Journal of Ambient Intelligence and Humanized Computing, August 2020	SCI,SCIE
9.		D.Kavitha S.Ravikumar	IOT and context –aware learning-based optimal neural network model for real –time health monitoring	32(1) ISSN:2161-3915	Transactions on Emerging Telecommunications Technologies, John Wiley and Sons Limited, October 2020	SCI,SCIE
10.		S.Ravikumar D.Kavitha	IoT based Autonomous Car Driver Scheme Based on Anfis and Black Widow Optimization	ISSN : 1868-5137	Journal of Ambient Intelligence and Humanized Computing, January 2021	SCI,SCIE
11.		R.Shanthi S.Prabakaran	A Smart Alternative Tool to Measure Intraocular Pressure during Coronavirus Pandemic	43(03 (II)) ISSN: 2249-6661	Sambodhi, November-December 2020	UGC Care Journal
12.		S. Sandhya Dr. M. Senthil Kumar Dr. B. Chidhambararajan	An Integrated Framework for the Fusion of Multimodal Medical Images Using SR And MSD Techniques	32(3) pp. 67-71 ISSN 2651-4451 e-ISSN 2651-446X	Turkish Journal of Physiotherapy and Rehabilitation, April 2021	Scopus
13.		K.Elaiyaraja	Multimodal Medical Image	32(3)	Turkish Journal of Physiotherapy	Scopus

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
		Dr.M.Senthil Kumar Dr.B.Chidhambararajan	Fusion using Structure Based Adaptive Decomposition with Enhanced Variation Model	pp. 59-66 ISSN 2651-4451 e-ISSN 2651-446X	and Rehabilitation, April 2021	
14.		S.Ravikumar D.Kavitha	A New Adaptive Hybrid Mutation Black Widow Clustering Based Data Partitioning for Big Data Analysis	ISSN (E): 1572-834X ISSN (P): 0929-6212	Wireless Personal Communications, April 2021	SCIE
15.		Narayanan Subbiah R.Saranya	Edge Computing: Network and Security Challenges	10(1) pp. 82-92 ISSN: 2279–0543	International Journal of Scientific Research and Reviews, Jan-Mar 2021	UGC Approved
16.		S.Ravikumar D.Kavitha	CNN-OHGS:CNN- Oppositional based Henry Gas Solubility Optimization Model for Autonomous Vehicle Control System	ISSN: 1556-4967	Journal of Field Robotics, May 2021	SCIE
17.		Mr.K.Elaiyaraja Dr. M. Senthil Kumar	A Novel Variable Weight Grey Wolf Optimization Algorithm in Medical Image Fusion	ISSN: 2156-7018	Journal of Medical Imaging and Health Informatics, May 2021	SCIE
18.		K.Elaiyaraja Dr.M.Senthil Kumar Dr.B.Chidhambararajan	Evaluation of Deep Learning in Medical Image Processing – A Methodical Review	10(2) pp. 31-38 ISSN: 2279–0543	International Journal of Scientific Research and Reviews, Apr-June 2021	UGC Approved
19.		S.Sandhya Dr.M.Senthil Kumar Dr.B.Chidhambararajan	Image Fusion Techniques for the Hybrid Multimodal Medical Images - A Literature Review	10(2) pp. 25-30 ISSN: 2279–0543	International Journal of Scientific Research and Reviews, Apr-June 2021	UGC Approved
20.	2019-2020	Ms.R. Shanthi Dr.S. Prabakaran	Optic Disc and Cup Boundary Segmentation for Glaucoma	14(23) pp. 8804-8811	Journal of Engineering and Applied Sciences, September	Scopus

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
			Screening in Fundus Image	ISSN:1110-1903 E-ISSN:2536-9512	2019	
21.	2018-2019	S.Sandeep C.Shandeepr Srinivas R.Meenakshi * V.Bharathwaj P.Prasath	Smart Firewall Using Machine Learning	10(2) pp. 1621 – 1624 ISSN: 2229-5518	International Journal Of Scientific & Engineering Research, Feb 2019	UGC Approved , Thomson Reuters
22.		R.Meenakshi * P.Indumathi	Bit Error Rate Minimization Using Slm Technique In Tft-Ofdm For Mobile Large-Scale Mimo Systems	27(1/2) pp. 50-59 ISSN(O): 1752-6426 ISSN(P): 1752-6418	International Journal Of Biomedical Engineering And Technology, 2018	Scopus
23.		Vasanthi.P Revathi.A.R * Deepthi.P	A Survey On Image And Video Analytics	6(1) pp. 832-840 E-ISSN 2348-1269, P- ISSN 2349-5138	International Journal Of Research And Analytical Reviews, Feb 2019	UGC Approved
24.		Preethi Sambandam Raju Murugan Mahalingam Revathi Arumugam Rajendran *	Design, Implementation And Power Analysis Of Pervasive Adaptive Resourceful Smart Lightening And Alerting Device In Developing Countries Supporting Incandescent And Led Light Bulbs	19(9) pp. 1-20 DOI: 10.3390/S19092032 ISSN (P): 1687-725X ISSN (O): 1687-7268	Journal Of Sensors, Apr 2019	Scopus
25.		Prithvi.P.S Narayanan.S * Rajeswari Devi.R	IoT Based Wearable Device Monitoring Driver's Stress, Fatigue And Drowsiness	10(2) pp. 1218 – 1224 ISSN: 2229-	International Journal Of Scientific & Engineering Research, Feb 2019	UGC Approved , Thomson

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		Yogapriya.N		5518		Reuters
26.		S.Jeyalakshmi* H.Vaitheeswaran S.Vashanth G.Vignesh Kumar S.Vijayan	Advanced Two Factor Authentication Using Image Processing	6(2) pp. 2206-2210 ISSN(e): 2395-0056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology Feb 2019	UGC Approved
27.		S.Aravindhnan J.Deepak S.Ijaz Ahamed Khan S.Kamesh S.Jeyalakshmi *	Forum For Citizen Grievance	6(3) pp. 709-711 ISSN(e): 2395-0056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology Mar 2019	UGC Approved
28.		K.Pavithra L.Sharmila S.Sivapriya U.Swathi S.Sekar*	Future Of Smart Tourism	6(2) pp. 2183 – 2186 ISSN(e): 2395-0056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology Feb 2019	UGC Approved
29.		S. Sekar * B. Latha	Lightweight Reliable And Secure Multicasting Routing Protocol Based On Cross-Layer For Manet	pp.1-12 DOI: 10.1002/CPE.5025 ISSN:1532-0634	Concurrency & Computation Practice And Experience, Dec 2018	SCIE, Scopus
30.		K.Arvind S.Govarthan S.Kishore Kumar M.Naveenkumar R.Lakshmi *	Fake News Detection And Rumour Source Identification	6(3) pp. 2025 – 2028 ISSN(e): 2395-0056 ISSN(p): 2395-	International Research Journal Of Engineering And Technology Mar 2019	UGC Approved

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				0072		
31.		S.Ravi Kumar S.Shenbagavadivu * M.Saravana Kumar J.Sudharshan Udhay Shankar.G	Emotion Recognition Based Smart Wheel Chair For Disabled Person	6(2) pp. 1488 -1492 ISSN(e): 2395-0056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology Feb 2019	UGC Approved
32.		K.Elaiyaraja* M. Senthil Kumar, B. Chidambararajan	Enhanced Total Variation Model Image Fusion Using Hybrid Filters And Adaptive Median Method	8(3S) pp. 611-616 ISSN: 2249-8958 (Online)	International Journal Of Engineering And Advanced Technology, Feb 2019	Scopus
33.		K.Elaiyaraja M.Senthil Kumar	Fusion Imaging In Pixel Level Image Processing Technique – A Literature Review	7(12) pp. 175 -177 ISSN: 2227-524X	International Journal Of Engineering & Technology, July 2018	Scopus
34.		S.Praveen M.V.Prithivi Raj R.Poovarasana V.Thiruvankadam M.Kavinkumar*	Discovery Of Recipes Based On Ingredients Using Machine Learning	VOL. 6, ISSUE -2, PG. NO. 155-158 ISSN(e): 2395-0056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology, Feb 2019	UGC Approved
35.		R.Shanthi* S. Prabakaran	Effective Utilization Of Artificial Intelligence For Predicting Glaucoma In Fundus Image	53(1) pp. 902-912 ISSN: 0008-6452	Caribbean Journal Of Science, Apr, 2019	SCIE
36.		Balasubramanian.C.V Karnaprabu.B Naawin.D Naveen Kumar.V R.Umanesan *	Detection And Localization Of Spoofing Attackers In Wireless Sensor Network Using Ids And Rerouting	6(2), pp. 835-838 ISSN(e): 2395-0056 ISSN(p): 2395-	International Research Journal Of Engineering And Technology, Mar 2019	UGC Approved

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				0072		
37.		A.Santhosh K.Saravanakumar P.Saravana Kumar S.Vimalraj R.Saranya *	Detection Of Leaf Diseases And Classifying Them Using Multiclass Svm	6(2) pp.1-5 ISSN(e): 2395- 0056 ISSN(p): 2395- 0072	International Research Journal Of Engineering And Technology, Feb 2019	UGC Approved
38.		H.Immanuel James J.James Anto Arnold J.Maria Masilla Ruban M.Tamilarasan R.Saranya *	Emotion Based Music Recommendation System	6(3), pp.2096 -2101 ISSN(e): 2395- 0056 ISSN(p): 2395- 0072	International Research Journal Of Engineering And Technology, Mar 2019	UGC Approved
39.		S. Sandhya* M. Senthil Kumar B. Chidambararajan	Integration Of Spatial And Transform Domain Technique For The Multimodal Medical Image Fusion	8(3S), pp. 642-646 ISSN: 2249- 8958 (Online)	International Journal Of Engineering And Advanced Technology, Feb 2019	Scopus

FACULTY-JOURNAL PUBLICATIONS (Indexing – Others)

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
1.	2020-2021	D.Kavitha S.Ravikumar	Software Security Requirement Engineering for Risk and Compliance Management	ISSN:2278-3075	International Journal of Innovative Technology and Exploring Engineering (IJITEE), March 2021	Lattice Science, Index Copernicus International
2.		Ms.R.Shanthi Anbu Priyanka V Kanishka A Keerthana R	Portraying the Impact of dry Spell on Farmer Harvest Generation in India Utilizing Affiliation Standard Mining.	8(4) pp.667-672 ISSN(P): 2395-0072, ISSN(E):2395-0056	International Research Journal of Engineering and Technology(IRJET), April 2021	Index Copernicus International
3.	2019-2020	Ms.S. Shenbagavadivu Dr.M.Senthil Kumar Dr. B.Chidambara Rajan	Significance of Data Fusion Algorithms in IOT Environment-A Review	8(3):pp. 42 – 48 ISSN(p): 2349-7912	i-Manager's Journal on Pattern recognition, Aug 2019	ProQuest, EBSCO host
4.		Mr.K.Elaiyaraja Dr.M.Senthil Kumar Dr. B.Chidambara Rajan	Distorted Image Registration for Image fusion –A Literature Review	6(2):pp. 32 – 40 ISSN(p): 2349-7912	i-Manager's Journal on Pattern recognition, Aug 2019	ProQuest, EBSCO host
5.		Dr.A.R.Revathi R. Bhuvaneshwaran K. Mohamed Arshath U. Hari Prakash M. Loga Aravinth	Overview of Database Evolution and Elevation	6(2):pp.420-428 ISSN:2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index
6.		Dr.A.R.Revathi S. Shunmuga Raman S. Vengadesh K. Vignesh G. Vignesh Kanna	A Survey on Sensor Classifications and their Applications	6(2):pp.467-474, ISSN:2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index

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7.		Arun Kumar S Dr.S.Narayanan Avinesh Kumar R V Balashanmugam U Chevuri Krishnakumar	Eyebot-A Smart Assistive System	9(2): pp.13778-13785, e-ISSN:2319-8753, p-ISSN:2347-6710	International Journal of Innovative Research in Science, Engineering and Technology(IJRSET), Feb 2020	Index Copernicus International
8.		Bhavaniya Haripriya Karthika Dr.S.Jeyalakshmi	A Semi Automatic Data Scraping method for News Event Detection	6(2):pp.1-6,ISSN(O)-2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index
9.		Dhananjayan D Abhilash L Ajay V Ms.R.Thenmozhi	Blockchain for Medical Data Access and Permission Management	7(3): pp.551-557, e-ISSN:2395-0056, p-ISSN:2396-0072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
10.		Rukmanthraj E Sri Gnanathesigan P Srinivasan K Venkatesh K Ms.R Thenmozhi	Farmer Surveillance System with Paddy Disease Detection	7(3):pp.347-351, e-ISSN:2395-0056, p-ISSN:2396-0072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
11.		Dr.S.Sekar M.Nandha A.Naveen Kumar B.Prakash Raj P.Prasanna Ganapathy	IoT Based Air Quality Monitoring System	7(3):pp.39-42, e-ISSN:2395-0056, p-ISSN:2396-0072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
12.		Dr.S.Sekar C.Vigneshwar J.Thiyagarajan V.B.Soorya Narayanan M.Vijay	Decentralized e-Voting system using BlockChain	7(3):pp.321-324, e-ISSN:2395-0056, p-ISSN:2396-	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International

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				0072		
13.		Aarathi K Bhavadharani T Deepika J Karthika R Lakshmi R	Unified Extensible Framework for sentiment analysis based on Opinion Disambiguation	6(2):pp.147-151, ISSN(O)-2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020.	Indian Citation Index
14.		Sudha Shenbagavadivu S Sujitha M Gowsalya	IoT based E-Prognosis System	6(3):pp.564-566, e-ISSN:2395-0056, p-ISSN:2396-0072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
15.		Gopinath M.P Shenbagavadivu S Hemanth Raj N Karthick V.C Hari Prasad G	Cross Side Scripting on Banking Application and Mitigation Attack using Honey Encryption Standard	7(3):pp.985-990, e-ISSN:2395-0056, p-ISSN:2396-0072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
16.		Hakas Raj C Harish Kumar R Karthikeyan S Ramkumar M Mohanambal K	Location Based Webservices	6(2):pp.852-855, ISSN(O)-2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index
17.		Deepika B Dorothy Shaji Sivapriya K Vendamani N Mohanambal K	Object Detection and Tracking using Deep Learning Algorithms	6(2):pp.495-498, ISSN(O)-2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE) , 2020	Indian Citation Index
18.		Heera K Anusuya M Kaviyaa V Lavanya A K Shanthi R	Graphical Password Authentication for Banking System	7(3):pp.564-566,e-ISSN:2395-0056,p-ISSN:2396-0072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International

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19.		Mr.R.Sankaranarayanan R Banuprakash S. Chandra Mohan	Nex-Gen Classroom	6(2):pp.529-536,ISSN(O)-2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index
20.		Mr.R.Sankaranarayanan Saravana Kumar M Nishanth M Saranraj K Sujay K	Automatic Black Box System for Vehicle Accident Analysis	7(3):pp.1263-1268,e-ISSN:2395-0056,p-ISSN:2396-0072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
21.		G.Hariharan D.Madhan Kumar Mr.R.Sankaranarayanan	Future Classroom	7(5):pp.622-625 e-ISSN:2395-0056 p-ISSN:2395-0072	International Research Journal of Engineering and Technology(IRJET), May 2020	Index Copernicus International
22.	2018-2019	Dr.S.Ravikumar * R.Aparna J.Jayalakshmi S.Madhubala I.Maimoon Farhana	VOTE FROM HOME: AN IMMUTABLE LEGITIMATE BLOCKCHAIN BASED E-VOTING SYSTEM	7(2) pp. 841 – 847 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
23.		Rashmi Rajalakshmi.M Niveditha.G Shobia Inbathersini.I Thenmozhi.R *	WATER LEAKAGE DETECTION AND PRICING ANALYTICS USING IOT	7(2) pp. 679-683 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
24.		R.Thenmozhi * P.Ananthi R.Divya C.Lavanya K.Livya	IDENTIFICATION OF ANONYMOUS IDENTICAL USERS IN MULTIPLE SOCIAL MEDIA NETWORKS	7(2) pp. 684-689 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International

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25.		J.Kaviya M.Keerthika R.Kiruba Sri S.Nikitha S.Sekar *	SMART HIGHWAY SYSTEM FOR FUTURE CITIES BASED ON IOT	7(2) pp. 737-743 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
26.		S.Shenbagavadivu * M.Divya V.Kalaithendral V.Kiruba R.Krithika	IOT BASED EFFECTIVE DATA COLLECTION AND COST ESTIMATION (IEDE) ON THE POLLUTANT PARTICLES IN THE AIR	7(2) pp. 585-591 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
27.		Elaiyaraja.K * Aishwarya.K Akshaya.G Monicka.P Monikha.R	AJNA- A SMART ASSISTANCE FOR THE VISUALLY AND COGNITIVELY IMPAIRED	8(2) pp. 1601-1608 ISSN(O): 2278-8875 ISSN(P): 2320-3765	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering (IJAREEIE), FEB 2019	Index Copernicus International
28.		K.Mohanambal * Y.Nirosha E.Oliviya Roshini S.Punitha M.Shamini	LUNG CANCER DETECTION USING MACHINE LEARNING TECHNIQUES	8(2) pp. 266 – 271 ISSN(O): 2278-8875 ISSN(P): 2320-3765	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering (IJAREEIE), FEB 2019	Index Copernicus International
29.		R.Shanthi * M.Ahamed Fahim Hassan R.Manikantan M.Mansoor Nouman.M R.Sivaprasanna	ARRHYTHMIA RECOGNITION AND CLASSIFICATION USING ECG MORPHOLOGY AND SEGMENT FEATURE ANALYSIS USING SUPPORT VECTOR MACHINE	7(2) pp. 893-897 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
30.		A.Akash R.Shanthi * R.Aravinth V.Kurunji Vendhan D.Veerapandi	STOCK MARKET TREND PREDICTION USING MACHINE LEARNING	7(2) pp. 1000-1006 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International

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31.		B.Soundariya P.Sriranjani M.Vishali G.Vivisa R.Umanesan *	EVENT MANAGEMENT SYSTEM WITH ADVANCED FEATURE USING E-APPROVAL	7(2) pp. 722-730 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
32.		R.Ramya Devi R.Rangeela S.Shalini R.Sankara Narayanan*	A PRIVACY PRESERVING MECHANISM FOR INTEGRITY AUDITING AND DATA SHARING	8(3), pp.318 – 322 ISSN:2319-7064	International Journal Of Science And Research (IJSR), MAR 2019	CrossRef Index
33.		G.Vivekanandan * A.Priyadharshini B.Ponsudhandra C.Ponnuthai	AUTOMATION AND DIGITALIZATION OF ROADWAY SYSTEM USING IOT	8(2), pp. 296-302 ISSN(O): 2278-8875 ISSN(P): 2320-3765	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering (IJAREEIE), FEB 2019	Index Copernicus International

FACULTY PUBLICATIONS – BOOK CHAPTER

S.No	Academic Year	Author	Title of the Chapter	Volume No. Page No.	Title of the Book	Publisher
1.	2021-2022	K. Elaiyaraja* , M. Senthil Kumar, B. Chidhambararajan	Enhanced Effective Generative Adversarial Networks based LRSD and SP Learned Dictionaries with Amplifying CS	ISBN 9781032047232	Machine Learning and IoT for Intelligent Systems and Smart Applications – Taylor and Francis Series Book Chapter, Nov 2021	CRC Press
2.		S. Sandhya* , M. Senthil Kumar, B. Chidhambararajan	An Automated Hybrid Transfer Learning for Detection and Segmentation of Tumor in MRI Brain Images with UNet and VGG-19 Network	ISBN 9781032047232	Machine Learning and IoT for Intelligent Systems and Smart Applications – Taylor and Francis Series Book Chapter, Nov 2021	CRC Press
3.	2020-2021	K.Elaiyaraja* Dr.M.Senthil Kumar Dr.B.Chidhambararajan	Intelligent Big Data Domain for R-fMRI Big Data Preprocessing – An Optimized Approach	pp.443-441 ISBN 978-981-15-5285-4	Intelligence in Big Data Technologies-Beyond the Hype, July 2020	Springer
4.		S.Sandhya* Dr.B.Chidhambararajan Dr.M.Senthil Kumar	FCM-Based Segmentation and Neural Network Classification of Tumor in Brain MRI Images	pp. 371-378 ISBN 978-981-15-5285-4	Intelligence in Big Data Technologies-Beyond the Hype, July 2020	Springer
5.		S. R. Preethi A. R. Revathi* M. Murugan	Exploration of Cough Recognition Technologies Grounded on Sensors and Artificial Intelligence	pp 193-215 DOI:10.1007/978-981-15-8097-0_8 ISBN: 978-981-15-8097-0	Internet of Medical Things for Smart Healthcare, Nov 2020	Springer
6.		Revathi Rajendran* Arthi Kalidasan Chidhambara Rajan B.	Convergence of AI, ML and DL for Enabling Smart Intelligence: Artificial Intelligence, Machine Learning, Deep Learning, Internet of Things	DOI: 10.4018/978-1-7998-3111-2.ch011 ISSN: 2328-2762 EISSN:	A Volume in the Advances in Web Technologies and Engineering(AWTE) Book Series, Jan 2021	IGI Global

S.No	Academic Year	Author	Title of the Chapter	Volume No. Page No.	Title of the Book	Publisher
				2328-2754		
7.		Preethi Sambandam Raju Revathi Arumugam Rajendran* Murugan Mahalingam	Perspectives of Machine Learning and Deep Learning in Internet of Things and Cloud:Artificial Intelligence –Based Internet of Things Systems	DOI: 10.4018/978-1-7998-3111-2.ch014 ISSN: 2328-2762 EISSN: 2328-2754	A Volume in the Advances in Web Technologies and Engineering(AWTE) Book Series, Jan 2021	IGI Global
8.	2019-2020	Preethi Sambandam Raju, Murugan Mahalingam Revathi Arumugam Rajendran*	Review of Intellectual Video Surveillance Through Internet of Things	Chapter No. 10 ISBN 978-0-12-816385-6 pp. 141-155	The Cognitive Approach in Cloud Computing and Internet of Things, Technologies for Surveillance Tracking System, Dec 2019	Elsevier
9.		Thenmozhi R * Amudha B.	Efficient Video Delivery over a Software-Defined Network	Vol 500. SPRINGER, SINGAPORE (ISBN-978-981-13-0211-4)	ICCCE 2018 Lecture Notes In Electrical Engineering, Sep 2018	Springer
10.	2018-2019	K.Elaiyaraja* M. Senthil Kumar, L. Karthikeyan	An Amplifying Image Approach: Non-Iterative Multi Coverage Image Fusion	Vol. 31 pp. 71-80 ISBN 978-3-030-04061-1	Computer Aided Intervention and Diagnostics in Clinical and Medical Images, Jan 2019	Springer
11.		S. Sandhya* M. Senthil Kumar, L. Karthikeyan	A Hybrid Fusion of Multimodal Medical Images for the Enhancement of Visual Quality in Medical Diagnosis	Vol. 31, pp.71-80 ISBN 978-3-030-04061-1	Computer Aided Intervention and Diagnostics in Clinical and Medical Images, Jan 2019	Springer

FACULTY-CSI ARTICLE PUBLICATIONS

S.No	Academic Year	Author	Title of the article	Volume & Issue No.	Month & Year
1.	2020-2021	Dr.A.R.Revathi	The Future of Universal: Industry 4.0	Volume 44, Issue 9	December 2020
2.			Deep Learning: A Neural Network of Human Being	Volume 44, Issue 8	November 2020
3.			A Complete Conspectus of Robotics and Automation	Volume 44, Issue 7	October 2020
4.			Hurried Look of Digital Twin	Volume 44, Issue 6	September 2020
5.			Open Source Software: Freedom to Use	Volume 44, Issue 5	August 2020
6.			Virtual reality in the World	Volume 44, Issue 4	July 2020
7.		Mr.K.Elaiyaraja	An Application of Deep Learning in Healthcare	Volume 44, Issue 8	November 2020
8.		Ms.S.Sandhya	An Application of Deep Learning in Healthcare	Volume 44, Issue 8	November 2020
9.	2019-2020	Dr.A.R.Revathi	Quantum Computing: The Universal Computer	Volume 44, Issue 3	June 2020
10.			Big Data: A technical Approach	Volume 43, Issue 12	March 2020
11.			Computer Assisted Education	Volume 43, Issue 10	January 2020
12.			Bioinformatics	Volume 43, Issue 9	December 2019
13.			Cyber Security: A Complete View	Volume 43, Issue 8	November 2019
14.			Cloud Computing	Volume 43, Issue 6	September 2019

S.No	Academic Year	Author	Title of the article	Volume & Issue No.	Month & Year
15.			Block Chain-Overview	Volume 43, Issue 5	August 2019
16.			Digital Learning	Volume 43, Issue 4	July 2019
17.	2018-2019	Dr.A.R.Revathi	Emotional Intelligence	Volume 43, Issue 3	June 2019
18.		Ms.S.Shenbagavadivu	Evolution of Data Analytics in the IOT Era	Volume 43, Issue 2	May 2019
19.		Mr.K.Elaiyaraja	Revolution of Natural Language Processing in India	Volume 42, Issue 12	March 2019
20.		Ms.S.Sandhya	Applications of Language and Speech Processing in Effective Communication and Knowledge Sharing in the Digital Market	Volume 42, Issue 10	January 2019
21.		Dr.A.R.Revathi	Digital Revolution in Speech and Language Processing for Efficient Communication and Sustaining Knowledge Diversity	Volume 42, Issue 5&6	August-September 2018
22.	2017-2018		Sensors for Internet of Everything	Volume 42, Issue 1	April 2018
23.		Ms.S.Shenbagavadivu	Green India-Air Pollution Monitoring Control using IOE	Volume 42, Issue 1	July 2017

FACULTY PAPER PRESENTATION IN CONFERENCE

S.No	Academic Year	Date	Faculty Name	Conference Name	National /International	Paper Title	Organizer
1.	2021-2022	20.8.2021 & 21.8.2021	Ms.S.Sandhya	International Conference on Big Data and Cloud Computing 2021	International	Ensemble DNN for the Brain Tumor Segmentation - A Hybrid Framework centric on Layer Level and Decision Level Fusion of Multimodal Medical Images	Karunya Institute of Technology & Sciences, Coimbatore
2.			Mr.K.Elaiyaraja			Implementation of Analysis and Visualization on Deep Learning Based Big Data Medical Service Framework Resource Sharing	
3.		10.12.2021 & 11.12.2021	Ms.S.Sandhya	Virtual International Conference on Futuristic Communication and Network Technologies (VICFCNT 2021)	International	A Hybrid Guided Filtering and Transform Based Sparse Representation Framework for Fusion of Multimodal Medical Images	VIT Chennai
4.	2020-2021	29.05.2020 & 30.05.2020	Mr.K.Elaiyaraja	International Conference on Computer Communication and Power Systems (ICCCPS-2020)	International	Multimodal medical Image Fusion using Structure based Adaptive Decomposition with Enhanced Variation Model	Sri Venkateswara College of Technology, Sriperumbudur.
5.			Ms.S.Sandhya			An Integrated Framework for the Fusion of multimodal Medical Images using	

						SR and MSD Techniques	
6.		13.08.2020 & 14.08.2020	Ms.R.Shanthi	Continuity, Consistency and Innovation in Applied Sciences and Humanities (ICCIASH-2020)	International	A Smart Alternative Tool to Measure Intraocular Pressure during Coronavirus Pandemic	St.Martin's Engineering College, Dhulapally, Secunderabad,T.S, India
7.	2019-2020	06.12.2019 & 07.12.2019	Mr.K.Elaiyaraja	International Conference on Big data and Cloud Computing	International	"Intelligent Big Data Domain for R-fmri Big Data Preprocessing – An Optimized Approach"	Karunya Institute of Technology & Sciences, Coimbatore
8.			Ms.S.Sandhya			"FCM Based Segmentation and Nural Network Classification of Tumor in Brain MRI Images"	
9.		06.09.2019	Ms.S.Shenbagavadi vu	Smart Automation in Computer, Electrical, Electronics and Communication Engineering (ICSA 2K19)	International	"Significance of Data Fusion Algorithms in IoT Environment - A Review"	SRM Valliammai Engineering College
10.	Mr.K.Elaiyaraja	"Distorted Image Registration for Image Fusion – A Literature Review"					
11.	Ms.S.Sandhya	"Image Fusion Techniques for the hybrid Multimodal Medical Images – A Literature Review"					
12.	2018-2019	27.7.2018 & 28.7.2018	Mr.K.Elaiyaraja	International Conference on Clinical and Medical Image Analysis	International	An Amplifying Image Approach :Non-Iterative Multi Coverage Image Fusion	Karunya Institute of Technology & Sciences, Coimbatore

13.			Ms.S.Sandhya			A Hybrid Fusion of Multimodal Medical Images for the Enhancement of Visual Quality in Medical Diagnosis	
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