

Academic Year : 2021-22

Journal Publications

SCI Indexed

S.No	Name of the Authors	Title of the paper	Name of the journal, Publisher	Volume, Issue ISSN Page no.	Month and Year	Indexing	DOI	Impact Factor, Citation
1.	Gobi Natesan Rathinavelu Arumugam	Extracting Sentiments by Using Fine-Grained Mining	Wireless Personal Communication, Springer	Volume: 121 Issue :3 E: ISSN 1572-834X P: ISSN 0929-6212 pp. 1879–1890	August 2021	SCIE Scopus	https://doi.org/10.1007/s11277-021-08743-2	2.017,-
2.	Dr.Syed Khasim , Dr.M.Pandi , Dr T Sivakumar , Dr.S.Veeramani , Purshottam J. Assudani , Dr.S.Karthick	A Hybrid Bird Swarm-Differential Search Methods, Based On WSN For Trusted Cluster Based Energy And Lifetime Aware Routing	International Journal of Aquatic Science, Princeton University Press	Volume 12, Issue 01 ISSN: 2008-8019 pp. 210-225	August 2021	SCIE	http://www.journal-aquaticscience.com/article_132879_2a878c28e49dc5c3ec32aa34fe147541.pdf	7.86,-
3.	Modigari Narendra M L Valarmathi L Jani Anbarasi	Watermarking techniques for three-dimensional (3D) mesh models: a survey	Multimedia Systems, Springer	Volume 27, Issue 5, EISSN 1432-1882 Print ISSN 0942-4962 pp. 1-19	November 2021	SCIE Scopus	https://doi.org/10.1007/s00530-021-00860-z	2.603, 2

4.	R. Malavika, Dr.M L Valarmathi	Adaptive Server Load Balancing in SDN using PID Neural Network Controller	Computer Systems Science and Engineering, Tech science press	Volume 42, Issue 01, ISSN 0267-6192, pp.229-243	January 2022	SCIE Scopus	DOI:10.32604/csse.2022.020947	4.397, 3
5.	Rajadurai, Malavika, Dr.Muniappan Lakshapalam Valarmathi	Load Balancing Based on Closed Loop Control Theory (LBBCLCT): A Software Defined Networking (SDN) powered server load balancing system based on closed loop control theory	Concurrency and Computation: Practice and Experience, John Wiley & Sons, Ltd	Volume 34, Issue 01 ISSN:1532-0634 pp. 1-11	February 2022	SCIE Scopus	DOI: 10.1002/cpe.6854	1.831, 2
6.	R. Senthamil Selvi Dr.M L Valarmathi	Improved Meta-Heuristic Algorithm for Selecting Optimal Features: A Big Data Classification Model	Concurrency and Computation: Practice and Experience , Wiley Publications	Volume: 34 Issue: 19 ISSN:1532-0634 pp. 7024-7040	May 2022	SCIE Scopus	DOI:10.1002/cpe.7000	1.831,-
7.	C. Aswini M. L. Valarmathi	Artificial Intelligence Based Smart Routing in Software Defined Networks	Computer Systems Science & Engineering, Tech science press	Volume 44, Issue:2 ISSN:0267-6192(print) pp. 1279-1293.	June 2022	SCIE Scopus	10.32604/csse.2023.022023	4.397,-
8.	Modigari Narendra Dr.M L Valarmathi Jani Anbarasi L Vergin Raja Sarobin M Fadi Al-Turjman	High Embedding Capacity in 3D Model using Intelligent Fuzzy based Clustering	Neural Computing and Applications	Volume: 34 Issue: 10 E ISSN 1433-3058 Print ISSN 0941-0643	June 2022	SCIE Scopus	https://doi.org/10.1007/s00521-022-07404-0	5.102, -

				pp. 17783–17792				
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Non-Indexed

S.No	Name of the Authors	Title of the paper	Name of the journal, Publisher	Volume, Issue ISSN Page no.	Month and Year	Indexing	DOI	Impact Factor (SNIP), Citation
9.	Sivaramakrishnan Rajendar Dhivya Rathinasamy Vishnu Kumar KaliappanS. Gnanamurthy R. Pavithra	Prediction of stopping distance for autonomous emergency braking using stereo camera pedestrian detection	Materials Today: Proceedings / Elsevier Ltd.	Volume: 51 Issue No; 1 ISSN: 2214-7853 pp.1224-1228	July 2021	Scopus	https://doi.org/10.1016/j.matpr.2021.07.211	0.575, 3
10.	A. Noble Mary Juliet N. Suba Rani S. R. Dheepiga R. Sam Rishi	Wi-Fi-Based Indoor Patient Location Identifier for COVID-19	Computer Networks and Inventive Communication Technologies (Lecture Notes on Data Engineering and Communications Technologies book series), Springer	Volume: 75, Print ISBN 978-981-16-3727-8 Online ISBN 978-981-16-3728-5 ISSN: 2367-4512 pp. 503 to 511	September 2021	Scopus	https://link.springer.com/chapter/10.1007/978-981-16-3728-5_38	1.24,2

11.	Dr.A. Noble Mary Juliet Dr.M.L.Valarmathi, Ms.R.Bharathi	Mining Sequential Pattern for Online Shopping Recommendation System using Prefix Span Algorithm	AIP Conference Proceedings, Elsevier	ISSN:0094-243XE- ISSN:1551-7616	December 2021	Scopus	-	0.189,-
12.	G. Gowri, D.Anandhasilambarasan	Prediction of Air Pollution in Smart Cities Using Machine Learning Techniques	International Journal for Research in Applied Science & Engineering Technology, IJRASET	Volume:09 Issue:12 ISSN: 2321-9653 pp. 273-277	December-2021	UGC Group I	-	NA
13.	T.Banumathi G.Gayathri K.Prabhu	Analysis of DAPP Forwarding Scheme	International Journal of Advanced Research in Science and Engineering, IJARSET	Volume:10, Issue:12, ISSN 2319-8354 pp.6-13	December-2021	Non indexed	-	NA
14.	M.Kiruthika	Preserving the Privacy of Remote Data in Cloud using Bilinear Pairing Auditing Mechanism	International Journal of Research and Analytical Reviews, Atman Research Centre	Volume :9 Issue : 2 ISSN 2348-1269 pp. 282-287	April 2022	UGC Group I	-	NA

15.	Priya S, Swarnalatha S, Sarathi P, Boopathirajan P	Recommendation System for Outfit Selection	International Journal of Advanced Research in Science, Communication and Technology, IJARSET	Volume 2, Issue 1 ISSN : 2581-9429 pp. 1-5	May 2022	Non indexed	10.48175/IJARSET-3589	NA
16.	Sneha A.S, Nikila A, M. Dharun Gandhi Mr.P.Boopathirajan	Agricultural Crop Recommendations System Based on Soil Fertility Using Machine Learning Techniques	International Journal of Scientific Research & Engineering Trends, IJSRET	Volume 8, Issue 3 ISSN (Online): 2395-566X pp.1-4	June 2022	Non indexed	-	NA
17.	Dr. M. L. Valarmathi, C. Devipriya, Saranya P, Banumathi S, Nathira Begum S	Privacy Preservation of Location Data Publishing	International Journal of Advanced Research in Science, Communication and Technology, IJARSET	Volume 2, Issue 6, ISSN (Online) 2581-9429 pp.1-6	June 2022	Non indexed	10.48175/568	NA

International Conference Publications

S. No	Name of the Authors	Title of the Paper Presented	Conference Name	Venue	National/ International	Date
1.	Ms.S.Keerthiga Dr.R.Murugeswari	Survey on Software Defined Networking in IoT	3 rd International Conference on Material	CMR Institute of Technology	International	24.09.2021 to

			Science, Manufacturing & Engineering			25.09.2021
2.	Mr.K.Prabhu, Mr.P.Seethamani, Mr.S.SenthilPrabhu	Mobile Augmented Reality Based Library Utilization System	International e-Conference on Machine Learning and Cyber Security in Industry 4.0	S.A Engineering College	International	20.10.2021 to 21.10.2021.
3.	Dr. M.L.Valarmathi Dr.A. Noble Mary Juliet S. Bharathi	Mining Sequential Pattern for Online Shopping Recommendation System using Prefix Span Algorithm	Second International Conference on Emerging Trends in Materials, Computing and Communication Technologies	Annai Vailankanni College Of Engineering	International	18.11.2021
4.	Dr.A.Chitra, Dr.G.Anupriya	Semantic Similarity Assessment using Universal Networking Language	Proceedings of the First International Conference on Combinatorial and Optimization	Chennai, India	International	7.12.2021 to 8.12.2021
5.	Dr.A.Chitra, Dr.G.Anupriya	Paraphrase Recognition using Predicate Argument Structure Representation	Proceedings of the First International Conference on Combinatorial and Optimization	Chennai, India	International	7.12.2021 to 8.12.2021
6.	Ms.G.Gayathri, Ms.T.Banumathi, Mr.K.Prabhu	Analysis of DAPP Forwarding Scheme	International Conference on Soft Computing and Intelligent Technologies	Cheran College of Engineering Karur	International	24.12.2021
7.	Dr.G.Anupriya	Twitter Bot Detection using One Class Classifier and Topic Analysis	6 th International conference on Inventive Systems and Control	JCT College of Engineering and Technology, Coimbatore	International	05.01.2022 to 07.01.2022
8.	Ms.M.Kiruthika	Preserving the privacy of Remote data in cloud using Bilinear pairing Auditing mechanisms	International conference on communication, computation, control and automation	Sri Ramakrishna institute of technology, Coimbatore	International	07.04.2022 to 08.04.2022

9.	Ms.R.Bharathi Dr.A. Noble Mary Juliet Dr.J.Bhavithra	Mining sequential patterns using prefix span algorithm for Rule-based Recommendation System	2 nd International Conference on Recent Trends in Engineering Technology and Management	Christ the King Engineering College	International	05.05.2022 to 07.05.2022
10.	Dr.G.Anupriya, Medhun Chandrasekaran, Hariesh vasu, Abimanyu Ganesan	Pneumonia detection from chest X-Ray Images Based on Convolutional Neural Network	10 th international Conference on Contemporary Engineering and Technology	Organization of science and Innovation Engineering & Technology, Chennai	International	21.05.2022 to 22.05.2022
11.	R.Nithin Balaji Dr.A.Noble Mary Juliet Dr.G.Anupriya	Customer Churn Prediction-A Comparison between gradient Descent and Neuro-Evolution	10 th international Conference on Contemporary Engineering and Technology	Organization of science and Innovation Engineering & Technology, Chennai	International	21.05.2022 to 22.05.2022

National Conference Publications

S. No	Name of the Authors	Title of the Paper Presented	Conference Name	Venue	National/ International	Date
12.	Mr.K.Prabhu Mr.S.Senthilprabhu Ms.G.Gayathri	Intelligent medicine box for patient guidance using internet of things	National Conference on Innovations in Information and Communication Technology	Bannari Amman Institute of Technology, Sathyamangalam	National	08.04.2022

Book Chapter Publications

S. No.	Name of the Authors	Title of the Book chapter published	Year and month of publication	ISBN of the Book	Name of the Publisher	Academic Year
1.	Dr. N.Senthil Madasamy Dr. M.Pandi	Chapter title: Chapter 7 – “Cell-Free Cooperative Non-Orthogonal Multiple Access for 6G Wireless Systems” Book Title: Handbook of Research on Design, Deployment , Automation, and Testing Strategies for 6G Mobile Core Network	April 2022	ISBN13: 9781799896364 ISBN10: 1799896366 EISBN13: 9781799896388	IGI Global Publisher	2021- 2022

Patents

S. No	Name of the Faculty	Title of the Patent	Application Number	Filed Date	Published Date	Status
1.	Dr. N. Subarani Dr. A. Noble Mary Juliet Dr. M.L. Valarmathi Dr. N. Senthil Madasamy Dr. N. Gobi Dr. J. Bhavithra Dr. M. Pandi	Coconut Sorting machine and an Artificial Intelligence based Method for Evaluating the Quality of Coconuts	202141043312	24.09.2021	05.11.2021	Published
2.	Dr. N.Gobi	Mechanical Movement Based Extra Lower Door Step In Bus For Easy Access Designed For Elderly People	202141045081	05.10.2021	05.11.2021	Published
3.	Dr. M. Pandi	Deep Learning Techniques To Assess The Network Security Aspects	202221001808	12.01.2022	27.05.2022	Published
4.	Ms. C. Devipriya Ms. R. Dhivya	Multi-purpose Detangling device with Liquid dispenser	202241023296	20.04.2022	13.05.2022	Published
5.	Dr. N. Senthil Madasamy	IOT Based Smart Surgery Management System For Hospitals	202241025898	04.05.2022	13.05.2022	Published

6.	Dr. M. Pandi	Machine Learning Based Hybrid Module For Predicting The Crop Yield Depending On Climatic And Soil Conditions	202221024377	25.04.2022	01.07.2022	Published
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