



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PUBLICATION DETAILS

ACADEMIC YEAR: 2020 – 2021

JOURNAL PAPER PUBLICATIONS

SL. NO.	Faculty name	Title of the paper	Name of International/ National Journal	SCI/ SCOPUS/ WOS/ UGC/ OTHERS	Volume No. Issue No. and Page No.	ISSN NO.	Year	DOI/URL
1	V R Kavitha	A Quality of Service (Qos) Load Balanced Hybrid Simulated Annealing-Stochastic Diffusion Search (Sa-Sds) Network Backbone for Manet	Journal of Network and Systems Management, Springer	SCI	Vol.151 pp124-131	ISSN: 157377 05, 106475 70	21-Mar	https://www.researchsquare.com/article/rs-173370/v1
2	W Thamba Meshach	Industrial Internet of Things (IIoT) – An IoT Integrated Services for Industry 4.0 : A Review	International Journal of Applied Science and Engineering	SCI	Vol. 8, Is s. 1, (Jun 2020): 37-42.	Print ISSN : 2321- 0745	20-Jun	DOI: 10.30954/23 22- 0465.1.2020. 5



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3	R.Kannamma	Neuro-Fuzzy-Based Frame Pre-Emption Using Time-Sensitive Networking for Industrial Ethernet	Journal of Information & Knowledge Management	SCI	Volume 20, Issue Supp01	ISSN (print): 0219-6492 ISSN (online) : 1793-6926	Feb-21	https://doi.org/10.1142/S0219649221400086
4	Dr.R.Thiagarajan	Optimised with secure approach in detecting and isolation of malicious nodes in MANET	Wireless Personal Communications	SCI	0929-6212 / 1572-834X	119, 21-35 (2021).	Jan-21	https://doi.org/10.1007/s11277-021-08092-0
5	Dr.R.Thiagarajan	Evaluation of low power consumption network on chip routing architecture	Microprocessors and Microsystems	SCI	ISSN 2582-8835	<u>Volume 82,</u> <u>April 2021,</u> <u>103809</u>	Apr-21	https://doi.org/10.1016/j.micpro.2020.103809
6	J Omana	Predictive Analysis And Prognostic Approach Of Diabetes Prediction With Machine Learning Techniques	Wireless Personal Communications, Springer	SCI	ISSN: 0929-6212	Pages 1-14	21-Feb	https://doi.org/10.1007/s11277-021-08274-w



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7	I.Mohan	Topic flexible sentiment classification using multi-class SVM	Solid State Technology	SCOPUS	Vol. 63 No. 4 (2020)	003811 1X	20-Oct	http://solidstatetechnology.us/index.php/JSST/article/view/3130
8	N. Sripriya	Detecting and Blocking Extremist Reviewers in Online Product Reviews	Annals of the Romanian Society for Cell Biology	SCOPUS	Vol.25, Issue 4, 2021, Pages. 19292- 19299	ISSN:1 583- 6258	21-Apr	https://www.annalsofrscb.ro/index.php/journal/article/view/8533
9	V.Anithalakshmi	Detecting and Blocking Extremist Reviewers in Online Product Reviews	Annals of the Romanian Society for Cell Biology	SCOPUS	Vol.25, Issue 4, 2021, Pages. 19292- 19299	ISSN:1 583- 6258	21-Apr	https://www.annalsofrscb.ro/index.php/journal/article/view/8534
10	R.Meena	Russia's Covid – 19 Vaccine: Social discussion and first emotions	International journal of Engineering and Tehnology	SCOPUS	Volume 11, Issue 12 , pp. 2986- 2993	ISSN Print: 0976- 6480	20-Dec	DOI: 10.21203/rs.3.rs-95570/v1



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11	Dr.R.Thiagarajan	Data Accumulation with a Reduced Amount of Retard Requirements for Wireless Sensor Networks	Journal of Test Engineering & Management	SCOPUS	ISSN: 0193-4120	Page No. 3011-3017	Jun-20	http://www.testmagazine.biz/index.php/testmagazine/article/view/7744/5877
12	Mr.I.Mohan	Data Accumulation with a Reduced Amount of Retard Requirements for Wireless Sensor Networks	Journal of Test Engineering & Management	SCOPUS	ISSN: 0193-4120	Page No. 3011-3017	Jun-20	http://www.testmagazine.biz/index.php/testmagazine/article/view/7744/5877
13	Dr.R.Thiagarajan	Enhanced Resemblance Measures for Integration in Image-Rich Information Networks	Journal of Critical Reviews	SCOPUS	ISSN-2394-5125	Vol 7, Issue 16	Jun-20	DOI: 10.31838/jcr.07.16.14
14	Dr.R.Thiagarajan	Android Based Visual Product Identification for the Blind	Journal of Test Engineering & Management	SCOPUS	ISSN: 0193-4120	Page No. 3025-3028	Jun-20	http://www.testmagazine.biz/index.php/testmagazine/article/view/7747/5880



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15	Dr.R.Thiagarajan	Neural Network Approach for Reconstruction of Geomagnetic Data Via Machine Learning	Solid State technology	SCOPUS	ISSN 0038-111X	Volume no:63, Issue:6	Nov-20	http://solidstatetechnology.us/index.php/JSST/article/view/4150
16	Dr.R.Thiagarajan	Intrusion Detection System Model Using Hierarchical Hybrid Algorithms and Ensemble techniques in Networking	Solid State technology	SCOPUS	ISSN 0038-111X	Volume no:63, Issue:6	Nov-20	http://solidstatetechnology.us/index.php/JSST/article/view/4155
17	Dr.R.Thiagarajan	Prediction Of Cancer Using Ensemble Approach Of Machine Learning Algorithms	Solid State technology	SCOPUS	ISSN 0038-111X	Volume no:63, Issue:6	Jun-20	http://solidstatetechnology.us/index.php/JSST/article/view/7322
18	Mr.I.Mohan	Prediction Of Cancer Using Ensemble Approach Of Machine Learning Algorithms	Solid State technology	SCOPUS	ISSN 0038-111X	Volume no:63, Issue:6	Jun-20	http://solidstatetechnology.us/index.php/JSST/article/view/7322



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19	Dr.R.Thiagarajan	Reinforce Certificate Renouncement Utilizing Clustering Approach For Manet	Psychology and Education	SCOPUS	ISSN: 0033-3077	Volume no:57, Issue:9	Jul-05	http://psychologyandeducation.net/pae/index.php/pae/article/view/668
20	Dr.S.Padmapriya	Enhanced Cyber security for Big Data challenges	International journal of Innovation Technology and Exploring Engineering	SCI	ISSN 2278-3075	Volume 9, Issue 10, 3675-3679	Aug-20	https://www.researchgate.net/publication/349585776_Enhanced_Cyber_Security_for_Big_Data_Challenges
21	W Thamba Meshach	Classification of emotional states using ECG signals and SVM	International Research Journal of Engineering and Technology (IRJET)	OTHER	Volume: 07 Issue: 08	e-ISSN: 2395-0056	Aug-20	https://www.irjet.net/archives/V7/i8/Velammal/NCRACES-02.pdf



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22	S.Famitha	Prediction of Human Brain Tumor Based on Machine Learning	International Journal Of Advanced Science and Technology	OTHER	Volume 29, Issue 31, 3635-13645	ISSN 2207-6360	Aug-20	https://www.jncet.org/Manuscripts/Volume-9/Issue-1/Vol-9-issue-1-M-01.pdf
23	K.P Revathi	Hybrid Feature Extraction and Classification for Alzheimer's Disease Detection	Journal of Computational and Theoretical Nanoscience	OTHER	Volume 17, Number 12, pp. 5577-5581(5)	ISSN:1546-1955	20-Dec	https://doi.org/10.1166/jctn.2020.9455
24	K.Sornalatha	Hybrid Feature Extraction and Classification for Alzheimer's Disease Detection	Journal of Computational and Theoretical Nanoscience	OTHER	Volume 17, Number 12, pp. 5577-5581(5)	ISSN:1546-1956	20-Dec	https://doi.org/10.1166/jctn.2020.9455
25	J Omana	Prediction Of Diabetes Mellitus Using Measure Of Insulin Resistance: A Combined Classifier Approach	Turkish Journal of Computer and Mathematics Education	OTHER	Vol.12 No.11 (2021), 4793-4801	e-ISSN 1309-4653	21-Mar	https://turcomat.org/index.php/turkbilmat/article/view/6654/5487



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26	Ms. K. Sornalatha	Robust Malware Detection for IOT using Deep Eigen Space Learning	Internarional Research Journal of Engineering and Technology	OTHER	Volume: 07 Issue: 06	p-ISSN: 2395-0072	20-Jun	https://www.irjet.net/archives/V7/i6/IRJET-V7I6278.pdf
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ACADEMIC YEAR: 2020 – 2021

CONFERENCE PUBLICATIONS

SL. NO.	NAME OF THE FACULTY	TITLE OF THE PAPER	NAME OF THE CONFERENCE PROCEEDING	SCOPUS/ OTHERS	YEAR	DOI / URL
1	V R KAVITHA	Routing in a wireless sensor network using a hybrid algorithm to improve the lifetime of the nodes	IOP conference series: Materials science and engineering	SCOPUS	Mar-21	DOI:10.1088/1757 - 899X/1084/1/0120 51
2	W THAMBA MESHACH	An efficient Sentiment Analysis on Feedback Assessment from student to Provide Better Education	International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), IEEE	SCOPUS	Nov-20	ieeexplore.ieee.org /document/924359 4
3	R.KANNAMMA	An Efficient Bidirectional broadcasting using Signal Initiation and Data Aggregation for WSN	International Conference on Intelligent Sustainable Systems (ICISS)	SCOPUS	Jan-21	https://ieeexplore.ieee.org/document/9315941



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PATENT PUBLICATIONS

SL. NO.	ACADEMIC YEAR	NAME OF THE INVENTOR/CO-INVENTORS	PATENT TITLE	PATENT STATUS	PATENT NUMBER	DATE OF FILING	DATE OF PUBLICATION
1	2020-2021	Dr.S.PadmaPriya	An Novel method for Empowering Edge Computing for source Allocation Based Learning for Industrial IOT	Australian Granted	2021101292	12-3-2021	5-6-2021
2	2020-2021	Dr.S.PadmaPriya	Determination of Soil Nutrients and PH level using Deep learning and IOT	Published	202141010993	3-15-2021	19-03-2021
3	2020-2021	Dr.V.R.KAVITHA	A BLOCK-CHAIN ENABLED SERVICE PROVIDER SYSTEM	Australian Granted	2021101231	09-03-2021	21-04-2021
4	2020-2021	Dr.Chitra	A System And Method To Prevent Unconscious Driving Behaviours	Published in IPR journal	202041042968	03-10-2020	09-10-2020



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5	2020-2021	Dr.V.R.Kavitha	A Quality Of Service Load balanced Connected Dominating Set - StochasticDiffusion Search Network Backbone for MANET	Published in IPR journal	202041049905	16/11/2020	27-11-2020
6	2020-2021	Dr.V.R.Kavitha	A wearable jacket for managing social distancing using blockchain technology	Published in IPR journal	202011046428	24/10/2020	06-11-2020
7	2020-2021	Dr.S.PadmaPriya	Secure communication among Iot Devices through Iot Coin Operation System	Granted	2020102441	26/09/2020	12-11-2020
8	2020-2021	Dr.S.PadmaPriya	A Novel method to transmit the electronic medical records in secure cloud environment using Block chain Encrypted data sharing	Published in IPR journal	202041017312	22/04/2020	05-06-2020



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9	2020-2021	Dr.S.PadmaPriya	An approach for empowering edge computing for source allocation based learning for industrial IoT	Published in IPR journal	202041023028	02-06-2020	16/06/2020
10	2020-2021	Dr.S.PadmaPriya	An approach for high speed and secure back propagation learning using upright partitioned data with IoT	Published in IPR journal	202041022294	28/05/2020	16/06/2020
11	2020-2021	Mr K Shankar	Design of iot and fog based system for remote elderly health monitoring	Published in IPR journal	202041032536	29/07/2020	21/08/2020
12	2020-2021	Ms.J.Omana Ms.B.Gunasundari Ms.C.Kamatchi Mr.I.Mohan Mr.R.Thiagarajan	Automatic Maintenance and Prediction of working people's health status using machine learning	Published in IPR journal	Application No: 202041018842A	02-05-2020	05-06-2020



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13	2020-2021	Dr.R.Thiagarajan	Assisting mentally retarded children and engage them virtually using Intelligent Robot in Voice Recognition using IOT	Published in IPR journal	202141019751	29-04-2021	07-05-2021
14	2020-2021	Dr.R.Thiagarajan	Determination of soil nutrients and PH level using Deep learning and IOT	Published in IPR journal	202141010993	15-03-2021	19-03-2021
15	2020-2021	Dr.P.Chitra	Intelligent Connectivity driving using Vehicular Adhoc Networks for future transportation	Published in IPR journal	202111004715	03-02-2021	12-02-2021
16	2020-2021	Ms.J.Omana	Recommendation of Doctors based on the ratings and tracking status of doctors availability to handle the pandemic situations	Published in IPR journal	202041057559	31-12-2020	05-02-2021



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BOOKS/CHAPTER PUBLICATIONS

S.No.	Name of the Faculty	Title of the book/chapters published	Year of publication	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. V.R.Kavitha	Cloud Computing (R2017)	2020-21	Prathyusha Engineering College	Magnus Publications
2	Ms.Shankar.K, Ms.Anithalakshmi.V, Ms.R.Meena, Ms.J.Omana	Problem Solving And Python Programming (R-2021)	2020-21	Prathyusha Engineering College	Magnus Publications