



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PUBLICATION DETAILS
ACADEMIC YEAR 2020-2021

SL. NO.	Faculty name	Title of the paper	Name of International/National Journal	Year of publication	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	Mar-21	https://iopscience.iop.org/article/10.1088/1757-899X/1084/1/012051/meta
2	V R KAVITHA	A Quality of Service (Qos) Load Balanced Hybrid Simulated Annealing-Stochastic Diffusion Search (Sa-Sds) Network Backbone for Manet	Springer	Mar-21	https://www.researchsquare.com/article/rs-173370/v1
3	W THAMBA MESHACH	Real-time facial expression recognition for affect identification using multi-dimensional SVM	Journal of Ambient Intelligence and Humanized Computing	Jun-20	https://link.springer.com/article/10.1007%2Fs12652-020-02221-6
4	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	Nov-20	ieeexplore.ieee.org/document/9243594
5	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; New Delhi	Jun-20	DOI:10.30954/2322-0465.1.2020.5
6	W THAMBA MESHACH	Classification of Emotional States Using ECG Signals	International Research Journal of Engineering and Technology (IRJET)	2020	https://www.irjet.net/archives/V7/i8/Velammal/NCRACES-02.pdf
7	R.KANNAMMA	Neuro-Fuzzy-Based Frame Pre-Emption Using Time-Sensitive Networking for Industrial Ethernet	Journal of Information & Knowledge Management	2021	https://doi.org/10.1142/S0219649221400086
8	R.KANNAMMA	An Efficient Bidirectional broadcasting using Signal Initiation and Data Aggregation for WSN	International Conference on Intelligent Sustainable Systems (ICISS)	Jan-21	https://ieeexplore.ieee.org/document/9315941
9	I.MOHAN	Topic flexible aspect based sentiment analysis using minimum spanning tree with Cuckoo search	Journal of Ambient Intelligence and Humanized Computing	Aug-20	https://link.springer.com/article/10.1007/s12652-020-02416-x
10	I.MOHAN	Topic Flexible Sentiment Classification Using Multi-Class SVM	Solid State Technology	Oct-20	http://solidstatetechnology.us/index.php/JSS T/article/view/3130



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PATENT PUBLISHED
ACADEMIC YEAR 2020-2021

S.no	Name	Patent Title	Patent Status	Patent No.	Date of Filing	Date of Published
1	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	Dr.S.PadmaPriya	Determination of Soil Nutrients and PH level using Deep learning and IOT	Published	202141010993	15/03/2021	19/03/2021
3	Dr.V.R.Kavitha	A Block-Chain Enabled Service Provider System	Australian Granted	2021101231	09/03/2021	21.04.21
4	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
5	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
6	Dr.S.PadmaPriya	Secure communication among lot Devices through IoT Coin Operation System	Granted	2020102441	26/09/2020	12/11/2020
7	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
8	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
9	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
10	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



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FUNDS RECEIVED
ACADEMIC YEAR 2020-2021

S.No.	Academic year	Name of the Programme	Principal Coordinator	Department	Funding Agency	Amount in Rs.	Year
1	2020-2021	Scheme for Promoting Interests, Creativity and Ethics among Students (<i>SPICES</i>)	Dr.S.Padmapriya	CSE	AICTE	100000.00	05-03-2021
2	2020-2021	ATAL Online FDP	Dr.S.Padmapriya	CSE	AICTE	93000.00	Sep-2020
TOTAL FUNDS RECEIVED (2020-2021)						193000.00	