

PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
LIST OF PAPER PUBLICATIONS IN JOURNAL
ACADEMIC YEAR 2019-2020

S.No.	Faculty Name	Title of the Paper	Name of the International/National Journal	Year of Publication	Volume No & Issue No	Page No	ISSN NO	Impact Factor	DOI / URL
1	Dr.S.PadmaPriya	Metaclassifiers for Predicting the Robotic Navigational Performance	International Journal of Innovative Technology and Exploring Engineering (Scopus Indexed)	Sep 2019	Volume-8, Issue-11S	1234-1238	ISSN: 2278-3075	5.5	10.35940/ijitee.K1249.09811S19
2	Dr.S.PadmaPriya	Enhanced Cyber Security for Big Data Challenges	International Journal of Innovative Technology and Exploring Engineering (Scopus Indexed)	August 2019	Volume-8 Issue-10	3478-3481	ISSN: 2278-3075	5.5	10.35940/ijitee.J9729.0881019
3	Dr.S.PadmaPriya	Design and implementation of autonomous flower harvester using image processing	International Journal of Innovative Technology and Exploring Engineering (Scopus Indexed)	July 2019	Volume-8 Issue-2	2638-2642	ISSN: 2277-3878	5.5	10.35940/ijrte.B3094.078219
4	Dr.S.PadmaPriya	Implementation of Employee Quarters Management System in ERP SAP Foran Organization	Test Engineering and Management (Scopus Indexed)	March 2020	VOL-83	1660-1665	ISSN: 0193-4120		http://www.testmagazine.biz/index.php/testmagazine/article/view/3800/3334

S.No.	Faculty Name	Title of the Paper	Name of the International/National Journal	Year of Publication	Volume No & Issue No	Page No	ISSN NO	Impact Factor	DOI / URL
5	Dr.S.PadmaPriya	Novel Approach for Warehouse and Quality Management using ERP SAP	International Journal of Advanced Science and Technology (Scopus Indexed)	April 2020	Vol. 29, No. 6s, (2020),	pp. 1355-1363	ISSN: 2005-4238		http://sersec.org/journals/index.php/IJAST/article/view/9268/5118
6	Dr.S.PadmaPriya	SAP ERP based HRModule for an Educational Institution Payroll	Test Engineering and Management (Scopus Indexed)	May-June 2020	volume 83	Page No. 3916-3918	ISSN: 0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7980/6032
7	Dr.S.PadmaPriya	A rational approach of sap ERP based HR module for an organisation payroll	Test Engineering and Management (Scopus Indexed)	March-April 2020	volume 83	Page No. 18631-18634	ISSN: 0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7027/5404
8	Dr.S.PadmaPriya	SAP ERP Based PM Module	Test Engineering and Management (Scopus Indexed)	May - June 2020	volume 83	Page No. 3018-3021	ISSN: 0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7745/5878
9	Dr.S.PadmaPriya	Designing Of Multiplexers Using Quantum-Dot Cellular Automata	Test Engineering and Management (Scopus Indexed)	May - June 2020	volume 83	Page No. 3001 - 3005	ISSN: 0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7742/5875
10	Dr.M.Gopikrishnan	Early Forest Fire Recognition Using Deep Learning	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	Page No. 3054-3058	ISSN: 0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7755/5883

S.No.	Faculty Name	Title of the Paper	Name of the International/National Journal	Year of Publication	Volume No & Issue No	Page No	ISSN NO	Impact Factor	DOI / URL
11	Mr.Thiyagarajan	Android Based Visual Product Identification for the Blind	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	Page No. 3025-3028	ISSN: 0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7747/5880
12	Mr.Thiyagarajan	A Novel Technique for Automatic Billing in smart shopping	International Journal of Science Technology & Research (Scopus Indexed)	March 2020	Volume 9 issue 3	5363-5367	ISSN 2277-8616		http://www.ijstr.org/final-print/mar2020/Novel-Technique-For-Automatic-Billing-In-Smart-Shopping.pdf
13	Mr.Thiyagarajan	"DATA ACCUMULATION WITH A REDUCED AMOUNT OF RETARD REQUIREMENTS FOR WIRELESS SENSOR NETWORKS"	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	Page No. 3011-3017	ISSN: 0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7744/5877
14	R Thiagarajan	Prediction and pattern Identification of crime data using data mining techniques	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	page 3006-3010	ISSN:0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7743/5876
15	R Thigarajan	A novel solution for economizing water by a mix of technologies with a low cost approach	International Journal of Advanced Science and Technology	May 2020	Vol. 29 No. 7 (2020)	916-921		0.11	http://sersec.org/journals/index.php/IJAST/article/view/14948

16	Mr.I.Mohan	A novel solution for economizing water by a mix of technologies with a low cost approach	International Journal of Advanced Science and Technology	May 2020	Vol. 29 No. 7 (2020)	916-921		0.11	http://sersec.org/journals/index.php/IJAST/article/view/14948
17	Mr.I.Mohan	A Novel Technique for Automatic Billing in smart shopping	International Journal of Science Technology & Research (Scopus Indexed)	March 2020	Volume 9 issue 3	5363-5367	ISSN 2277-8616		http://www.ijstr.org/final-print/mar2020/Novel-Technique-For-Automatic-Billing-In-Smart-Shopping.pdf
18	I.Mohan	Prediction and pattern Identification of crime data using data mining techniques	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	page 3006-3010	ISSN:0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7743/5876
19	Mr.I.Mohan	"DATA ACCUMULATION WITH A REDUCED AMOUNT OF RETARD REQUIREMENTS FOR WIRELESS SENSOR NETWORKS"	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	Page No. 3011-3017	ISSN: 0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7744/5877
20	R KANNAMMA	Smart Water Pollution Detection for Aquatic life protection using IoT	Test Engineering and Management (Scopus Indexed)	April 2020	Published Vol No.:83	14011-14014	ISSN:0193-4120		http://testmagzine.biz/index.php/testmagzine/article/download/6178/4868/
21	Mr.W. Thamba Meshach	Smart Water Pollution Detection for Aquatic life protection using IoT	Test Engineering and Management (Scopus Indexed)	April 2020	Published Vol No.:83	14011-14014	ISSN:0193-4120		http://testmagzine.biz/index.php/testmagzine/article/download/6178/4868/

22	Mr.W. Thamba Meshach	CLASSIFICATION OF EMOTIONAL STATES USING ECG SIGNALS AND SVM	International Research Journal of Engineering and Technology	Aug 2020	Volume: 07 Issue: 08	7-10			https://www.irjet.net/archives/V7/i8/Velammal/NCRACES-02.pdf
23	Mr.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,	June 2020	Vol.8, Issue 1	37-42			
24	Ms. K. Sornalatha	RobustMalware Detection for IOT using Deep Eigen Space Learning	Internarional Research Journal of Engineering and Technology	June 2020	Volume 7 Issue 6	1495-1497	ISSN: 2395-0072	7.529	https://www.irjet.net/archives/V7/i6/IRJET-V7I6278.pdf
25	Ms. S. Famitha	Instant Response for Healthcare by Machine Learning	Journal of Network Communications and Emerging Technologies	January 2019	Volume 9, Issue 1,		ISSN: 2395-5317	5.195	https://www.jncet.org/Manuscripts/Volume-9/Issue-1/Vol-9-issue-1-M-01.pdf
26	B.GUNASUNDAR I	Prediction and pattern Identification of crime data using data mining techniques	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	page 3006-3010	ISSN:019 3-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7743/5876
27	J Omana	Prediction and pattern Identification of crime data using data mining techniques	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	page 3006-3010	ISSN:019 3-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7743/5876
28	C Kamatchi	Prediction and pattern Identification of crime data using data mining techniques	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	page 3006-3010	ISSN:019 3-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/7743/5876

29	B.S.Liya	Grab Your Yield on Stock Market Using Sentimental Analysis and LSTM using ARNN	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	Page No. 4709-4714	ISSN: 0193-4120		http://www.testmagzine.biz/index.php/testmagzine/article/view/8190/6183
30	Famitha .S	Prediction of Human Brain Tumor Based on Machine Learning	International Journal Of Advanced Science and Technology	August 2020	Volume 29, Issue 3	13635-13645		0.11	http://sersec.org/journals/index.php/IJAST/article/view/31698/17490
31	M.D.BOOMIJA	Smart Vehicle Monitoring System using IoT	Test Engineering and Management (Scopus Indexed)	May-June 2020	Volume 83	3022-3024	ISSN: 0193-4120	0.10	http://www.testmagzine.biz/index.php/testmagzine/article/view/7746
32	Dr.V.R.Kavitha	An Income Tax Fraud Detection Using AI	Journal Of Critical Reviews (Scopus Indexed)	September 2020	VOL 7, ISSUE 16	119 - 124	ISSN-2394-5125	1.091	http://www.jcreview.com/fulltext/197-1593524552.pdf?1620892749 doi:10.31838/jcr.07.16.16



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S.No	Academic Year	Title of the Project	Agency/Company name	Name of the Staff Involved	Name of the Student involved	Status of the Project	Amount Received	Remark
1.	2019-2020	Controlled Environment Agriculture	iSpark Smart Solutions	Dr.S.PadmaPriya	Mr.Jothesh III year CSE Mr.Srikumar II year CSE Mr.R.Yogesh II Year Mechanical	In Progress		Rs.18000/- Received has Seed Money from College
TOTAL AMOUNT RECIEVED								Rs.18000/-



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DEPARTMENT OF CSE

DETAILS OF PATENT REGISTERED

ACADEMIC YEAR 2019-2020

S.No.	Name of the Applicant	Application Number	Title of Invention	Date of Filing Application	Date of Publication
1	Dr.M.GopiKrishnan Ms.V.R.Kavitha	201941041035728	Classification of Dyslexia children using machine learning	05-09-2019	Yet to be Published

Head of the Department



ESTD. 2001

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DETAILS OF PATENT PUBLISHED IN PATENT JOURNAL

ACADEMIC YEAR 2019-2020

S.No.	Name of the Applicant	Application Number	Title of Invention	Date of Filing Application	Date of Publication
1	Dr.S.PadmaPriya Mr.Thiagarajan Ms.Omana Mr.Mohan Ms.C.Kamatchi	201941041975 A	Classification of Dyslexia children using machine learning	17-10-2019	25-10-2019
2	Dr.S.Padma Priya	201941052558 A	Continuous Energy Supply to House Hold Appliances through Uninterrupted Power Meter	18-12-2019	20-12-2019
3	Dr.S.Padma Priya	202041002997A	A smart secure, self powered and locatable fixed pod for enabling lactation to Infants	23-01-2020	31-01-2020
4	Dr.S.PadmaPriya R Thiagarajan	202041017312	A Novel method to transmit the electronic medical records in secure cloud environment using Block chain Encrypted data sharing	22/04/2020	05/06/2020
5	Dr.S.PadmaPriya	202041002997	An approach for high speed and secure back propagation learning using upright partitioned data with IoT	21/01/2020	31/01/2020
6	Ms.J.Omana	202041057559	Recommendation of doctors based on the ratings and tracking status of doctors availability 7to	31.12.2020	05-02-2021

			handle the pandemic situations		
7	Ms.J.Omana Ms.B.Gunasundari Ms.C.Kamatchi Mr.I.Mohan Mr.R.Thiagarajan	202041018842A	Situation driven automatic agricultural robot for irrigation, row guidance and monitor of crops	2.5.2020	5.6.2020