

PRATHYUSHA ENGINEERING COLLEGE
DETAILS OF PAPERS PUBLISHED
ACADEMIC YEAR 2019-2020

S.no	Department	No. OF Papers Published				Total Publications
		National Journal	National Conference	International Journal	International Conference	
1.	BIOTECH	-	-	23	2	25
2.	ECE	-	-	15	-	15
3.	CSE	-	-	10	-	10
4.	EEE	-	-	1	-	1
5.	IT	-	-		2	2
6.	MECHANICAL	-	-	16	1	17
7.	CIVIL	-	-	1	-	1
Total Publications						71

S.No.	Dept	Name of the faculty	International Journal/ Conference	National journal/ Conference	Paper title	ISBN/ISSN number	Volume, Issue, Page no.	Date and year of publication	Impact factor
1.	BT	Dr.P.Dhasarathan	International journal of research and analytical reviews		Different types of antigen preparation from Aeromonas hydrophila for health care	2348-1269, 2349-5138	6 & 2 69-77	2019	5.75
2.	BT	Dr.P.Dhasarathan	International journal of research and analytical reviews		Comparison of Oyster mushroom nutritive value grown at paddy straw and peat substrates.	2348-1269, 2349-5138	6 & 2 78-82	2019	5.75
3.	BT	Dr.P.Dhasarathan	Science, Technology and Development		Isolation of antibiotic resistance	0950-0707	8 & 9280 - 292	2019	

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					screening from bacterial isolates from a fish <i>Carassiasauratus</i>				
4.	BT	Dr.P.Dhasarathan	International Journal of Research and Analytical Reviews		Enhancement Of Mushroom Cultivation And Analysis Of Nutritive Value Of Oyster Mushroom	2348-1269	6 & 2273-279	2019	5.75
5.	BT	Dr.P.Dhasarathan	Asian Journal of Microbiology, Biotechnology & Environmental Sciences		Screening and identifcaion of active phytochemicals compounds from clitoriaternatea leaves	0972-3005	21 & 3561-565	2019	0.22
6.	BT	Dr.P.Dhasarathan	Wutan Huatan Jisuan Jishu		Antibacterial and antifungal activity of various plant extracts against skin infectious bacterial and fungal pathogens	1001-1749	X & VI 508-513	2020	5.5
7.	BT	Dr.P.Dhasarathan	Wutan Huatan Jisuan Jishu		Green Synthesis of CuO Nanoparticles from <i>Mirabilis jalapa</i> and In Vitro Evaluation of Antibacterial, Anti-Inflammatory and Wound Healing Activity	1001-1749	XVI488-492	2020	5.5

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8.	BT	Dr.P.Dhasarathan	International journal of scientific and engineering research		BACTERIAL CONTAMINATION IN THE GROUND WATER SOURCES OF CHENNAI ZONE IN TAMILNADU, INDIA	2229-5518		2020	4.4
9.	BT	Dr.P.Dhasarathan	Science, Technology and Development		ISOLATION AND ANTIBIOTIC RESISTANCE SCERRENING OF BACTERIAL ISOLATES FROM A FISH, Carassius auratus	0950-0707	8 & 9280 - 292	2019	
10.	BT	Dr.AJA.Ranjithsingh	International Journal of Scientific &Technology Research		A Novel Technology To Prevent Premature Spoilage Of Milk And Shelf Life Extension Of Milk Using The Extracts Of Moringa Oleifera Lam.	2277-8616	9 & 21766-1769	2019	
11.	BT	Dr.AJA.Ranjithsingh	ALTERNATIVE THERAPIES IN HEALTH AND MEDICINE		Combitorial effect of Lactobacillus acidophilus and Brevibacillus brevis as biopreservative to extend shelf life of curd	2319 – 1104	9 & 1 30 - 36	2020	

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12.	BT	Dr.AJA.Ranjithsingh	World Journal of Biology Pharmacy and Health Sciences,		Epidemiology of urinary tract infection in South India	2582-5542		2019	3.25
13.	BT	Dr.AJA.Ranjithsingh	EUROPEAN JOURNAL OF PHARMACEUTICAL AND MEDICAL RESEARCH		BIOTECHNOLOGICAL INTERVENTION USING PROBIOTIC MICROBES TO SUSTAIN THE SHELF LIFE QUALITY OF MILK PRODUCTS	2394-3211	7(2) 371-378	2020	6.222
14.	BT	Dr.AJA.Ranjithsingh	International Journal of Innovations in Engineering and Technology		Prevention of microbial spoilage and shelf life extension of dairy products using the extracts of Moringaoleifera Lam	2319-1058	14 & 2 88 - 93	2019	
15.	BT	Mr. K.Cholapandian	Bioscience, Biotechnology research communication		invitro antiinflammatory and insilico antiaging properties of osidum guajava leaves	2321-4007	13 & 1 10-14	2020	5.09
16.	BT	Dr.A.Praveena	Indian Journal of pharmaceutical science		Invitro and insilico analysis to identify novel lead compound from Morinda tinctoria	0250-474X	81 & 5 970 - 975	2019	0.721

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					fruit against breast cancer				
17.	BT	Dr.A.Praveena	International Journal of Innovative Science and Research Technology		Exploring the Horizons of Ephrin B2 Receptor for Combating Paramoxyviridae Infection	2456-2165	4 & 6 232-235	2019	0.672
18.	BT	Dr.A.Praveena	International Journal of Pharmacy and Biological Sciences		Screening of Novel Lead Compound from Carissa Carandasagainst Breast Cancer using In-Vitro and In-SilicoMethods	1046-1052	9 & 2 1046-1052	2019	
19.	BT	Dr.A.Praveena	Research journal of Biotechnology		Morindatinctoria Roxb.as a potential source of biopesticides against the cotton bollworm Helicoverpaarmige ra	2278-4535	15 & 1 118 - 124	2020	0.233
20.	BT	Dr.M.Thenmozhi	International journal of research and analytical reviews		Screening of E-waste degrading bacteria from chosen dump yard at Chennai, Tamilnadu, India	2348-1269, 2349-5138	6 & 2 887-893	2019	5.75
21.	BT	Dr. M. Thenmozhi	World Journal of Advanced Research and Reviews		Comparative study of bioelectricity generation by microbial degradation of	2581-9615	6 & 3 35 - 42	2020	

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					organic wastes using microbial fuel cell				
22.	BT	Ms. Joyce Helen sathya	Journal of Environmental Biology		Utilizing Borassusflabellifer sprout peel sugars by Pseudomonas fluorescence for degradation of textile effluent.	2394-0379	40 736-741	2019	5.75
23.	BT	Ms. Joyce Helen sathya	'International Journal of Innovative Technology and Exploring Engineering (IJITEE)'		'Bioethanol Production from the Pods of Delonix Regia'	2278-3075	9 & 5 1523-1527.	2020	5.75
24.	BT	Dr. A. Praveena & Mr. Chalapandian	Inclusive Development through Biotechnology		Analysis of pesticidal properties of chosen plant samples	2250-0480	13	2020	
25.	BT	Dr. M. Thenmozhi and Dr. P. Dhasarathan	Inclusive Development through Biotechnology		Evaluation of immunological changes in fish, Catla catla administered with bacterial pathogen, Aeromonas Hydrophila	2250-0480	13	2020	
26.	CIVIL	Ms.N.Shifu jahan	International Journal of Scientific Research and Development		Experimental investigation on behavior of composite column under axial load		Volume 6 Issue 22321-0613	2019	

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27.	CSE	Dr.S.PadmaPriya	International Journal of Innovative Technology and Exploring Engineering (Scopus Indexed)		Metaclassifiers for Predicting the Robotic Navigational Performance	ISSN: 2278-3075	Volume-8, Issue-11S1234-1238	Sep 2019	5.5
28.	CSE	Dr.S.PadmaPriya	International Journal of Innovative Technology and Exploring Engineering (Scopus Indexed)		Enhanced Cyber Security for Big Data Challenges	ISSN: 2278-3075	Volume-8 Issue-10 3478-3481	August 2019	5.5
29.	CSE	Dr.S.PadmaPriya	International Journal of Innovative Technology and Exploring Engineering (Scopus Indexed)		Design and implementation of autonomous flower harvester using image processing	ISSN: 2277-3878	Volume-8 Issue-2 2638-2642	July 2019	5.5
30.	CSE	Dr.S.PadmaPriya	Test Engineering and Management (Scopus Indexed)		Implementation of Employee Quarters Management System in ERP SAP Foran Organization	ISSN: 0193-4120	VOL-83 1660-1665	March 2020	
31.	CSE	Dr.S.PadmaPriya	International Journal of Advanced Science and Technology (Scopus Indexed)		Novel Approach for Warehouse and Quality Management using ERP SAP	ISSN: 2005-4238	Vol. 29, No. 6s, (2020),pp. 1355-1363	April 2020	
32.	CSE	Mr.Thiyagarajan	International Journal of Science Technology &		A Novel Technique for	ISSN 2277-8616	Volume 9 issue	March 2020	

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			Research (Scopus Indexed)		Automatic Billing in smart shopping		35363-5367		
33.	CSE	Mr.I.Mohan	International Journal of Science Technology & Research (Scopus Indexed)		A Novel Technique for Automatic Billing in smart shopping	ISSN 2277-8616	Volume 9 issue 3 5363-5367	March 2020	
34.	CSE	R KANNAMMA	Test Engineering and Management (Scopus Indexed)		Smart Water Pollution Detection for Aquatic life protection using IoT	ISSN:0193-4120	Published Vol No.:831401 1-14014	April 2020	
35.	CSE	Mr.W. Thamba Meshach	Test Engineering and Management (Scopus Indexed)		Smart Water Pollution Detection for Aquatic life protection using IoT	ISSN:0193-4120	Published Vol No.:831401 1-14014	April 2020	
36.	CSE	Ms. S. Famitha	Journal of Network Communications and Emerging Technologies		Instant Response for Healthcare by Machine Learning	ISSN: 2395-5317	Volume 9, Issue 1,	January 2019	5.195
37.	IT	J Omana	2019 Third International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)		Naïve Bayes based Summarizing Ruleset in Prediction of Diabetes Mellitus using Magnum Opus			DEC 2019	

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38.	IT	Ms.J.Omana	International Conference on Computational Vision and Bio Inspired Computing		Sentiment Analysis on Tweets for a Disease and Treatment Combination	Springer	pp 1283-1293	25-26 Sept 2019	
39.	ECE	Ms.G.Premalath	International Journal of Information and Computing Science		Adaptive Low Power Listening Protocols for Wireless Sensor Networks in Noisy Environments	0972 - 1347	Volume 6 & 5 84 – 89	May 2019	5.2
40.	ECE	Dr.L.Vanitha	International Journal of Research and Analytical Reviews		Human Emotion Detection Using Electroencephalography Signals.	2349 -5138	Volume 6 & 2 151 - 154	June 2019	4.236
41.	ECE	Dr.L.Vanitha	International Journal of Research and Analytical Reviews		Sudden Cardiac Arrest Prediction and Diagnosis using ECG Signals	2349 -5138	Volume 6 & 2 146 - 150	June 2019	4.236
42.	ECE	Ms.P.Malathi.	International Journal of Information and Computing Science		Adaptive Low Power Listening Protocols for Wireless Sensor Networks in Noisy Environments	0972 - 1347	Volume 6 & 5 84 – 89	May 2019	5.2
43.	ECE	E.U.Iniyan	International Journal of Information and Computing Science		Adaptive Low Power Listening Protocols for Wireless Sensor Networks in Noisy Environments	0972 - 1347	Volume 6 & 5 84 – 89	May 2019	5.2
44.	ECE	Dr S Arun	International Journal of		Meta classifiers for Predicting the	2278-3075	8 1234-1238	SEPT 2019	5.5

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			Innovative Technology and Exploring Engineering (Scopus Indexed)		Robotic Navigational Performance				
45.	ECE	Dr S Arun	International Journal of Innovative Technology and Exploring Engineering (Scopus Indexed)		Enhanced Cyber Security for Big Data Challenges	2278-3075	8 3478-3481	2019	5.5
46.	ECE	Dr S Arun	International Journal of Innovative Technology and Exploring Engineering (Scopus Indexed)		Design and implementation of autonomous flower harvester using image processing	2277-3878	8 2638-2642	2019	5.5
47.	ECE	Dr S Arun	Wireless Personal Communications, SCI and SCopus		Space Time Regularized Zero Forcing in Downlink Code Division Multiple Access Systems with Complementary Codes	0929-6212	10 9333-347	2019	0.936
48.	ECE	Dr S Arun	The European Physical Journal Special Topics- SCI and Scopus		Analysis and electronic implementation of an absolute memristor autonomous Van	1951-6355	228 2287-2299	2019	1.66

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					der Pol-Duffing circuit.				
49.	ECE	Dr S Arun Dr.K.Anitha	International Journal Of Engineering And Advanced Technology		Digital image falsification detection system for effective data communication	ISSN: 2249 – 8958,	9 4081 – 4086	2019	5.97
50.	ECE	Dr.K.Janaki	Journal of Electrical Engineering		An Efficient Algorithm For A Cache Compression And Decompression To Improve System Memory Performance	1582 - 4594	19 398 - 402	2019	6 H index
51.	ECE	Dr S Arun	International Journal of Scientific & Technology Research		Novel Technique for Automatic Billing in Smart Shopping	ISSN 2277-8616	95 363 - 5367	2020	7.466
52.	ECE	Dr S Arun	International Journal Of Innovative Technology And Exploring Engineering		Role of compressed sensing based image sensor for smart surveillance applications	0193 - 4120	821 982 - 1985	2020	5.5
53.	ECE	Dr S Arun	International Journal Of Innovative Technology And Exploring Engineering		Valuable Vitality Remote Perceiving In Cloud IOT	0193 - 4120	82 1986 - 1992	2020	5.5

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54.	MECH	Dr.V.JAYASEELAN	Case Studies in Thermal Engineering		High temperature superplasticity and its deformation mechanism of AA6063/SiCp	2214-157X	14 100479	2020	4.01
55.	MECH	Dr.V.JAYASEELAN	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects		Experimental performance investigation of Partially Stabilized Zirconia coated low heat rejection diesel engine with waste plastic oil as a fuel	1556-7036	11 44210	2020	1.9
56.	MECH	Dr.V.JAYASEELAN	Silicon		Effect of Silicon Coupling Grafted Ferric Oxide and E-Glass Fibre in Thermal Stability, Wear and Tensile Fatigue Behaviour of Epoxy Hybrid Composite	1876-990X	12 2533–2544	2020	1.49
57.	MECH	Dr.V.JAYASEELAN	Results in Physics		Experimental investigation on bi-axial superplastic forming characteristics of AA6063/SiCp with various percentages of SiCp under various temperatures and pressures	2211-3797	15 102624	2020	4.09

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58.	MECH	Dr.V.JAYASEELAN	Silicon		Low Velocity Impact and Mechanical Behaviour of Shot Blasted SiC Wire-Mesh and Silane-Treated Aloe vera/Hemp/Fax-Reinforced SiC Whisker Modified Epoxy Resin Composites	1876-990X	12 1847-1856	2020	1.49
59.	MECH	Mr.K.BALACHAN DAR	TEST Engineering and Management		MACRO ASSISTED AUTOMATIC DESIGN OF PIPE VALVES USING SOLID WORKS API	0193-4120	1 12964-12969	2020	1.2
60.	MECH	Mr.K.BALACHAN DAR	International Research Journal of Engineering & Technology		ANALYSIS OF REJECTION OF SQUARE PISTON AND ITS REMEDIES	2395-0072	7 3336-3349	2020	7.34
61.	MECH	Mr.R.RAGAVENDRAN	International Research Journal of Engineering & Technology		REJECTION ANALYSIS IN FUEL EQUIPMENT	2395-0072	7 2083-2088	2020	7.34
62.	MECH	Mr.D.MEGANATHAN	International Research Journal of Engineering & Technology		SMART CROP PROTECTION SYSTEM FROM ANIMALS USING PIC	2395-0073	7 5224-5227	2020	7.34
63.	MECH	Mr.D.MEGANATHAN	Journal of Advanced Research		A Review on Recent Trends and	1943-023X	12 521-528	2020	1.2

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			in Dynamical and Control Systems		Development in Speech Recognition System				
64.	MECH	Mr.N.GOPINATH	International Research Journal of Engineering & Technology		OPTIMIZATION OF A UNMANNED AERIAL VEHICLE FOR THE LAST MILE DELIVERY	2395-0073	4 3747-3751	2020	7.5
65.	MECH	Mr.T.THIRUMALAI	International Journal of Research Culture Society		ANALYSIS OF REJECTION IN MANUFACTURE OF BOSCH DIMENSION NOZZLE FOR INDIRECT INJECTOR AND ITS REMEDY	2456-6683	4 108-113	2020	5.2
66.	MECH	Mr.R.KARTHICK	International Journal of Research Culture Society		CYCLE TIME REDUCTION IN CNC 2D LASER CUTTING MACHINE	2456-6683	4 57-60	2020	5.2
67.	MECH	Dr.P.MOHD ALI	International Journal of Research Culture Society		INTEGRATION OF VEHICLE MOVEMENT WITH TRAFFIC CONTROL SYSTEM	2456-6683	4 124-127	2020	5.2
68.	MECH	Dr.P.JAYARAMAN	Journal of Emerging Technologies and		DESIGN AND FABRICATION OF MONO LEAF SPRING WITH	2349-5162	7 197-202	2020	5.2

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			Innovative Research		NATURAL COMPOSITE MATERIAL				
69.	MECH	Mr.N.RAMASAMY	Journal of Advanced Research in Dynamical and Control Systems		Cost Analysis of GR91 Hydroand Non-Hydro Boiler Header	1943-023X	12 512-520	2020	2.4
70.	MECH	N.Ramasamy	IOP Conference Series: Materials Science and Engineering		Experimental and numerical studies on the mechanical characterization of EPDM/S-SBR nano clay composites		Volume 912 , 52016	2020	
71.	EEE	Dr.K.Sathiyasekar	Test Engineering & Management		Enhancing the performance analysis of large capacity power plant using ETAP	0193-4120	83 & march/april 2020 19480-19483	2020	0.1