

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1.	2018-19	Dr.J.Swaminathan	Thermal behaviour of Cardanol resinreinforced 20 mm long untreated bagasse fiber composites	<i>International Journal of Polymer Analysis and Characterization</i>	Vol. 23, Issue 1, pp 70-77.	1023-666X		yes	yes		
2.	2019-20	Dr.J.Swaminathan	Study on mechanical and morphological properties of sisal/banana/coir fiber- reinforced hybrid polymer composites	Journal of the Brazilian Society of Mechanical Sciences and Engineering,	https://doi.org/10.1007/	1678-5878		yes	yes		yes
3	2018-19	Dr.J.Swaminathan	Effect of Filler Content of Chemically Treated Short Bagasse Fiber-Reinforced Cardanol Polymer Composites	Journal of Natural Fibres(International)	Volume 16, Issue 4 pp :613-627	1544-0478	yes				
4	2018-19	Dr.M.K.Sangeetha & M.Joice Malini	Effect of Cadmium sulphate on the Growth and Characterization of L Valine Crystal	RESEARCH REVIEW International Journal of Multidisciplinary [UGC-A Listed Journal]	Volume-03 Issue-07	2455-3085 (Online)					
5	2018-19	Dr.M.K.Sangeetha & M.Joice Malini	Synthesis and growth of L-valine Nickel sulphate-A Novel semi organic non linear optical crystal	The International journal of analytical and experimental nodal analysis [UGC-A Listed Journal]	Vol:XI, Issue:VII	0886-9367			yes		

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
5	2018-19	A.Sathya	Molecular property,uv visible,NMR analysis of Pyrazinamide using computational tools	International journal of basic and applied research [UGC-A Listed Journal]	Vol:8,pp: 1172,Issue: 9	2249-3352 (P) 2278-0505 (E)			yes		
7	2018-19	A.Sathya	Molecular Structure investigation Towards Pharmacodynamic Activity of Sulfamethoxazole using Experimental and Computational Tools	International Journal of Advanced Scientific Research and Management [UGC-A Listed Journal]	Vol:3PP: 72,Issue: 11	2455-6378			yes		
8	2018-19	A.Sathya	Spectroscopic (FT-IR & FT-Raman), First Order Hyperpolarizability, NLO Analysis and Homo-Lumo Analysis of Metronidazole	Int.Jl of Science and Advanced Research & Technology [UGC-A Listed Journal]	Vol:4,PP:111,Issue:5	2395-1052			yes		
9	2019-20	Dr.J.Swaminathan	Study on mechanical and morphological properties of sisal/banana/coir fiber- reinforced hybrid polymer composites	Journal of the Brazilian Society of Mechanical Sciences and Engineering,	https://doi.org/10.1007/	1678-5878		yes	yes		yes
10	2019-20	Dr.J.Swaminathan	Molecular, vibrational (FT-IR and FT-Raman), NMR and UV spectral analysis of imidazo[1,2-	Chemical Physics Letters	https://doi.org/10.1016/j.	0009-2614		yes	yes		yes

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
			b]pyridazine using experimental and DFT calculations								
11	2019-20	Dr.M.K.Sangeetha & G.Rajeswari	Growth and characterisation of barium chloride doped with L-valine single crystal	International journal of basic and applied research [UGC-A Listed Journal]	Volume 9 Number 4	2249-3352 (P) 2278-0505 (E)			yes		
12	2019-20	Dr.S.Subash	Characterisation of DST Matrix	Journal of composition theory(International) [UGC-A Listed Journal]	Vol:12, Issue:11 pp: 579-589	0731-6755			yes		
13	2019-20	G.GeethaLakshmi	A Mathematical Analysis of parameter estimation and uncertainty quantification in water resources modeling	Indian Journal of Physics	Accepted			yes			

R & D Coordinator /S&H

HOD/ S&H

A.V.C COLLEGE OF ENGINEERING, MAYILADUTHURAI.

Department of Instrumentation and Control Engineering

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1	2019-20	C.Ravikumar	RGA Based Decoupler design for a coupled Tank MIMO process	International Journal of Innovative Technology and Exploring Engineering	Vol.No.8, Issue 9, July 2019, Pg.No. 23-26.			Yes			
2	2019-20	Dr.S.Vadivazhaghi M.Vinodhini S.Suriyaprakash	IMC Based PI Controller for a Coupled Tank Process	INFOKARA Research	Volume 8 Issue 7 2019, Pg.No. 58-61,	ISSN NO: 1021-9056					
3	2018-19	C.Ravikumar T.Sivakumari Dr.S.Vadivazhagi	Design and Implementation of Robust PI Controller for Quadruple tank Process	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Vol No.7, Issue 9, September 2018, Pg.No. 3628-3635.						
4	2018-19	C.Ravikumar	Design and Simulation of IMC based PI Controller for a MIMO Process	International journal of Scientific Research in Science, Engineering and Technology	Vol.No. 4, Issue 11, December 2018.						
5	2018-19	C.Ravikumar	Design of MIMO PI Controller using Multiple Integration Approach for Two Tank MIMO Process	International journal of Emerging Technologies and Innovative Research	Vol.No. 5, Issue 9, September 2018, Pg.No. 787-792.						

A.V.C COLLEGE OF ENGINEERING, MAYILADUTHURAI.

Department of Instrumentation and Control Engineering

6	2018-19	M.Vinodhini	Adaptive control scheme for coupled tank process	International journal of Scientific Research in Science, Engineering and Technology	Vol.No. 4, Issue 11, Pg.No. 89- 96, December 2018.	Print ISSN: 2395- 1990 Online ISSN : 2394- 4099					
---	---------	-------------	---	---	---	--	--	--	--	--	--

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1.	2018-19	Dr. A.RAVI Dr.N.DHANASEKAR.	“Fire Detection And Mitigation System Using Fuzzy Logic	International Journal of Advance & Innovative Research,	Vol.5, Issue.3. September-2018.	2394-7780	-	-	Google Scholar		
2.	2018-19	Dr.N.DHANASEKAR.	International Journal of Scientific & Engineering Research,	Performance Evaluation of Positive Output Triple-Lift Luo Converter with different Controllers	Vol.9(3) 2018	ISSN 2229-5518			Google Scholar		
	2018-19		IOT Based Monitoring System In Smart Agriculture	International Journal of Research and Analytical Reviews	Vol.5(2).2018	ISSN 2348 – 1269, PRINT ISSN 2349-5138			Google Scholar		
	2019-20		IoT based Intelligent Bus Monitoring System	International Journal of Engineering Research & Technology (IJERT)	Volume 7, Issue 11,2019	2278-0181			Google Scholar		
3.	2018-19	Dr. M. Latha	Sensitivity Enrichment By Equally Spaced Rings Embossed Silicon Diaphragm In Low Pressure MEMS Piezoresistive Pressure Sensors	JETIR November	2018, Volume 5, Issue 11.	2349-5162			Google Scholar		
4.	2019-20	A. Ragvendiran	<i>POWER SYSTEM STABILIZER FOR DAMPING POWER SYSTEM OSCILLATIONS USING SMIB SYSTEM</i>	<i>Journal of Engineering Science</i>	Vol 10, Issue 8, AUG/2019 pp. 215-224	ISSN NO:0377-9254			Google Scholar & UGC II		

A.V.C COLLEGE OF ENGINEERING, MANNAMPANDAL, MAYILADUTHURAI**DEPARTMENT OF INFORMATION TECHNOLOGY****PUBLICATIONS IN JOURNALS**

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Report ed in Web of Science	Report ed in Scopus	Report ed in Google Scholar	Repo rted in PUB MED	Reporte d in Indian Citation Index
1	2018-2019	N.Rajganesh	A fuzzy-based intelligent cloud broker with MapReduce framework to evaluate the trust level of cloud services using customer feedback.	International Journal of Fuzzy Systems, Springer	Vol. 20 Issue. 1 339-347 Jan.2018	ISSN: 1562-2479	Yes	Yes	Yes	Yes	Yes
2	2018-2019	N. Rajganesh	A fuzzy-based decision-making broker for effective identification and selection of cloud infrastructure services	Soft Computing, Springer	Vol. 23 Issue. 19 9669-9683 2019	ISSN: 1432-7643	Yes	Yes	Yes	Yes	Yes
3	2018-2019	N. Rajganesh	A cloud broker framework for infrastructure service discovery using semantic network	International Journal of Intelligent Engineering and Systems	Vol. 11 Issue. 3 11-19 June 2018	ISSN: 2185-3118	No	Yes	Yes	No	No

4	2018-2019	R.Kanimozhi	Adaptive and intelligent framework of data protection techniques for cloud storage	Int. J. Cloud Computing, Inderscience Enterprises Ltd.	Vol. 8 No. 1 Feb 2019	ISSN online: 2043-9997; ISSN print : 2043-9989	No	Yes	No	No	No
5	2019-2020	N. Rajganesh	A Service Context-Aware QoS Prediction and Recommendation of Cloud Infrastructure Services.	Arabian Journal for Science and Engineering, Springer	1-15	ISSN: 2193-567X (Print) 2191-4281 (Online)	Yes	Yes	Yes	Yes	Yes

AVC College of Engineering, Mannampandal, Mayiladuthurai

Department of CSE - Journal List

Year: 2018-19

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Report ed in Web of Science	Report ed in Scopus	Report ed in Google Scholar	Repor ted in PUB MED	Reporte d in Indian Citation Index
1.	September 2018	Dr. S. Padmapriya S. Hemavathi	Review of Brain Tumor Detection Techniques in Computer Aided Diagnosis through MR Images	International journal of research and analytical reviews	Volume 5, Issue 3	2348-1269	No	No	Yes	No	No
2.	September 2018	H. Prabavathi G.Sribarkavi	A Survey on Prevention and Detection of Black Hole Attack in MANETs	International journal of research and analytical reviews	Volume 5, Issue 3	2348-1269	No	No	Yes	No	No
3.	September 2018	J. Sudha M. Ishwarya	A survey on cancer classification using soft computing techniques	International journal of research and analytical reviews	Volume 5, Issue 3	2348-1269	No	No	Yes	No	No
4.	October 2018	K. Krishnakumari R. Lavanya	A Survey On Cross Domain Sentiment Classification Algorithm Using Feature Expansion Method	International journal of research and analytical reviews	Volume 5, Issue 4	2348-1269	No	No	Yes	No	No
5.	October 2018	K. Krishnakumari V. Abinaya	A Survey On Text Summarization	International journal of research and analytical reviews	Volume 5 Issue 4	2348-1269	No	No	Yes	No	No
6.	October 2018	V. Sathya K. Abinaya	A survey on intrusion detection system for attack prevention	International journal of research and analytical reviews	Volume 5 Issue 4	2348-1269	No	No	Yes	No	No
7.	January 2019	J. Sudha K. Ishwarya	Emprical Analysis of Skin Cancer Identification using Multi-SVM Classifier	Internation Journal of Innovative Research in computer and communication Engg(IJIRCCCE'19)	Volume 7 ,Issue 1	2320-9801	No	No	Yes	No	No
8.	February 2019	J.Sudha M.Ishwarya	Prediction Of Skin Cancer Using Morphological Neural Network Analysis	International Journal of Innovative Research In Science, Engineering and Technology	Vol. 8, Issue 2	2347-6710	No	No	Yes	No	No
9.	February 2019	M.Devi Sri Nandhini R.Sindhuja	An Enhanced Sentiment Analysis Model for Incorporating Implicit Aspects	International Journal Of Innovative Research In Science, Engineering And Technology	Vol. 8, Issue 2,	2347-6710	No	No	Yes	No	No

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Report ed in Web of Science	Report ed in Scopus	Report ed in Google Scholar	Repor ted in PUB MED	Reporte d in Indian Citation Index
10.	March 2019	Dr. S. Padmapriya S. Hemavathi	Detection of diabetic Retinopathy on Retinal Tumor on Magnetic Resonance Images using Neutral Networks	SSRG International Journal of Computer Science and Engineering (SSRG–IJCE)	Volume 5, Special Issue ICMR Part 1 Page 5	2348-8387	No	No	Yes	No	No
11.	March 2019	R. Sudha T. Keerthana	Dynamic Connectivity Establishment and Cooperative Scheduling for Qos Aware Wireless Body Area Networks	SSRG International Journal of Computer Science and Engineering (SSRG–IJCE)	Page 16 Volume 5, Special Issue ICMR-Part 1	2348-8387	No	No	Yes	No	No
12.	March 2019	R. Sudha L. Abinaya, N. Afra Afrin, N. Gayathri, K. Priya	Enhancing Performance In Smart Refrigerator Using IOT	SSRG International Journal of Computer Science and Engineering (SSRG–IJCE)	page 53 Special Issue ICMR-Part 1	2348-8387	No	No	Yes	No	No
13.	March 2019	V .Sathya K. Abinaya	Confined Anticipation Based Intrusion Detection System and Intrusion Prevention System In WSN	SSRG International Journal of Computer Science and Engineering (SSRG–IJCE)	Special Issue ICMR	2348-8387	No	No	Yes	No	No
14.	March 2019	K.Krishnakumari V.Abinaya	A Two-Level Aspect Categorization for Sentiment Classification Using Association Rule Mining And Deep Hyper Graphs	SSRG International Journal of Computer Science and Engineering (SSRG – IJCE)	,Page 41-48 Volume 5, Special Issue ICMR	2348-8387	No	No	Yes	No	No
15.	March 2019	H. Prabavathi G.Sribarkavi	Efficient Energy Consumption in Ad Hoc Network using AODOMDV-EF	International Journal Of Advanced Networking And Applications	Volume: 10 Issue: 05	0975-0290	No	No	Yes	No	No
16.	April 2019	Dr.S.Padmapriya S.Hemavathi	Deep CNN Based Decision Support System For Detection And Severity Classification In Diabetic Retinal Images	International Research Journal Of Engineering And Management Studies (IRJEMS)	Volume: 03 Issue: 04	2395-0126	No	No	Yes	No	No
17.	April 2019	H. Prabavathi G.Sribarkavi	FF-AOMDV Routing Protocol Based on SDN and Fog Computing for Vehicular Networks	International Research Journal Of Engineering And Management Studies (IRJEMS)	Volume: 03 Issue: 04	2395-0126	No	No	Yes	No	No

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Report ed in Web of Science	Report ed in Scopus	Report ed in Google Scholar	Repor ted in PUB MED	Reporte d in Indian Citation Index
18.	May 2019	K.Krishnakumari V.Abinaya	A Clustering Based Deep Hypergraph Model for Sentiment Classification	International Research Journal of Engineering and Management Studies (IRJEMS)	Volume: 03 Issue: 05	2395-0126	No	No	Yes	No	No
19.	May -2019	K.Krishnakumari R.Lavanya	Cross Domain Text Classification using Labelled LDA Method	International Research Journal Of Engineering And Management Studies (IRJEMS)	Volume: 03 Issue: 05	2395-0126	No	No	Yes	No	No
20.	May 2019	R.Sudha T.Keerthana	Distributed Pricing Policy For Cloud-Assisted WBAN Networks With Optimal QOS And Energy Considerations Using Health Care as a Service	International Research Journal Of Engineering And Management Studies (IRJEMS)	Volume 3, Issue 5	2395-0126	No	No	Yes	No	No
21.	May 2019	V.Sathya K.Abinaya	Compressed Sensing Based Intrusion Detection System and Intrusion Prevention System in Wireless Sensor Network	International Research Journal of Engineering and Management Studies (IRJEMS)	Volume: 03 Issue: 05	2395-0126	No	No	Yes	No	No
22.	May 2019	M.Devi Sri Nandhini R.Sindhuja	An Enhanced Sentiment Analysis Model Using Co-Occurrence For Implicit Aspects Extraction	International Research Journal Of Engineering And Management Studies (IRJEMS)	Volume: 03 Issue: 05	2395-0126	No	No	Yes	No	No
23.	May 2019	B. Muthulakshmi P. Priyanka	IOT Based Classification And Prediction of Health Care Monitoring and Alert System For Elder People on Big Data	International Research Journal Of Engineering And Management Studies (IRJEMS)	Volume: 03 Issue: 05	2395-0126	No	No	Yes	No	No

No. of Papers: 23

HoD
(Dr. S. Padmapriya)

AVC College of Engineering, Mannampandal, Mayiladuthurai
Department of CSE - Journal List
Year: 2019-20

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1	June 2019	Dr.S.Padmapriya P. Ishwarya	Image based geo tagging location privacy using ENFPIRE	International journal of research and analytical reviews	VOLUME 6,ISSUE 2	2348-1269	No	No	Yes	No	No
2	June 2019	J.Sudha S.Ramapriya	Syndromic Surveillance On Social Media Data Using Deep Neural Network For Text Classification	International Journal of Research and Analytical Reviews	Volume 6, Issue 2	2348-1269	No	No	Yes	No	No
3	June 2019 published online, paginated March 2020	Krishnakumari K. Sivasankar, E., Radhakrishnan, S.	Hyperparameter tuning in convolutional neural networks for domain adaptation in sentiment classification (HTCNN-DASC)	Soft Computing, Springer, Berlin Heidelberg	Volume 24, Issue 5, Page 3511–3527, (SCI-Indexed, IF-2.7).	1432-7643	Yes	Yes	Yes	Yes	Yes
4	June 2019	V.Sathya N.PRATHIPA	Progressive Image Encryption Using Cyclic Group	International journal of research and analytical reviews	VOLUME 6,ISSUE 2	2348-1269	No	No	Yes	No	No
5	June 2019	N.Selvarani S.Vaishnavi	An Improved E- Learning Recommendation Systems Based on Learners Guidance	International journal of research and analytical reviews	Volume 6, Issue 2	2348-1269	No	No	Yes	No	No
6	June 2019	M.Devi Sri nandhini R.Harshini	Distant supervision of product review opinion mining	International journal of research and analytical reviews	Volume 6, Issue 2	2348-1269	No	No	Yes	No	No
7	June 2019	R.Ramya S.Shanmugapriya	Brain- computer interface for robotic application using ARDUINO	International journal of research and analytical reviews	Volume 6,Issue 2	2348-1269	No	No	Yes	No	No

8	July 2019	Dr.S.Padmapriya P.ISHWARYA	A brief Survey on spam mail detection and filtering Network System	International Journal of Research in Engineering, Science and Management	Volume 2, Issue 7 2581-5792	2349-9842	No	No	Yes	No	No
9	July 2019	J.Sudha S.RAMAPRIYA	A Survey on medical image analysis using deep learning techniques	International Journal of Research in Engineering, Science and Management	Volume 2, Issue 7	2349-9842	No	No	Yes	No	No
10	July 2019	K.Krishnakumari P.Akshaya	A survey on graph based approaches in sentiment Analysis	International Research Journal of Engineering and Technology	Volume 6 Issue 7	2395-0056	No	No	Yes	No	No
11	July 2019	R.Sudha S.Arun Prasad	Home Automation System using IOT	International Journal of Research in Engineering, Science and Management	Volume 2, Issue 7 2581-5792	2349-9842	No	No	Yes	No	No
12	July 2019	V.Sathya N.PRATHIPA	A Survey on Image Encryption Techniques	International Journal of Research in Engineering, Science and Management	Volume 2, Issue 7	2349-9842	No	No	Yes	No	No
13	July 2019	N.Selvarani S.Vaishnavi	A Survey on Natural Disaster Prediction in Q-Learning	International Journal of Research in Engineering, Science and Management	Volume 2, Issue 7	2349-9842	No	No	Yes	No	No
14	July 2019	R.Ramya S.Shanmugapriya	A Brief survey on cloud security risk assessment for autonomous agents security issues	International Journal of Research in Engineering, Science and Management	Volume 2, Issue 7	2349-9842	No	No	Yes	No	No
15	February 2020	R.Sudha, Dr.G.Indirani	Fog enabled Cloud based intelligent resource management approach Using Improved Dynamic Particle swarm optimization model for Smart Home IoT Devices	International Journal on Emerging Technologies	Volume 2 Issue 11	0975-8364	No	Yes	Yes	No	No

16	April 2020	P.Akshaya, K.Krishnakumari	Automatic Emoji Lexicon Construction for Sentiment Analysis using Word Knowledge	International Research Journal of Engineering and Technology (IRJET)	Volume 7, Issue 4, Page: 5533-5544	2395-0056	No	No	Yes	No	No
17	April 2020	R.Ramya S.Shanmugapriya	Brain computer interface for Home Automation using ARDUINO	MUKTH SHABD Journal - UGC CARE Group	Volume IX, Issue IV, Page: 535	2347-3150	No	No	Yes	No	No
18	April 2020	M.Devi Sri Nandhini, Dr.G.Pradeep	A Hybrid Co-Occurrence and Ranking-Based Approach for Detection of Implicit Aspects in Aspect-Based Sentiment Analysis	A Springer Nature Journal - SN Computer Science	Volume 1, Issue 3 Page: 128	2661-8907	No	No	Yes	No	No
19	May 2020	R.Ramya V.Ezhilarasi A.Arunpandiyan	IOT and Cloud Based Remote Patient Health Monitoring System	International Journal of Research in Applied Science & Engineering Technology	Volume 8, Issue 4, Page: 2745	2321-9653	No	No	Yes	No	No

No. of Papers: 19

R&D Co-ordinator/CSE
(K. Krishnakumari)

HoD
(Dr. S. Padmapriya)

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1.	2018-19	Dr.G.Sridevi	A study on Financial Performance Analysis of Ammachsthram Primary Agriculture Cooperative Credit Society Ltd.,	International Journal of Applied Management Research	Page No: 9-13 Issue No :1	0974-8709	Nil	Nil	Yes	Nil	Nil
2.	2018-19	Dr.K.Keerthi	Pharamaceutical company Human Resource policies with special reference to Ranbaxy Laboratories Limited	International Journal of Applied Management Research	Page No:22-24 Issue No: 10	0974-8709	Nil	Nil	Yes	Nil	Nil
1	2019-20	Dr.G.Sridevi & Dr.M.S.Gayathri	A study on Impact of Training and development of Employee productivity in L&T	International Journal of Analysis and Computation	Page No:1-8 Issue No: 8	0973-2861	Nil	Nil	Yes	Nil	Nil

			Construction Company								
2	2019- 20	Mrs.R.Renukadevi	The Practical Challenges of Social Health Insurance in HealthCare Management	Aegaeum Journal An UGC –Care Approved Group II Journal	Page No: 71-79 Issue No :2	0776- 3808	Nil	Nil	Yes	Nil	Nil

AVC COLLEGE OF ENGINEERING
MANNAMPANDAL
JOURNAL PUBLICATION (MECH). 2019

S No	Year	Author Name	Complete title of the article	Name of the journal(National/international)	Vol.No Issus No Page No	ISSN for journal s	Reporte d in web of Science	Report ed in Scopu s	Reporte d in google Scholar	Rep orte d in PU BM ED	Reported in indian Citation Index
1	2020	Dr. S.Vijayaraj	Finding the thermal characteristics of a Heat pipe using hybrid nano fluid	International Journal of engineering and advanced Technology	Volum e -9, issue- 3, PP 507- 601	ISSN 2249- 8958		YES	YES		
2	2019	Dr. S.Vijayaraj	Experimental investigation of Gravity Assisted Heat pipe Heat Exchanger using D.I. Water	Journal of Emerging Technologies and Innovative Research	Volum e 5, Issue 8	ISSN: 2349:5 162			YES		
3	2019		Multi-objective optimisation of friction welding parameters in joining titanium alloy and stainless steel with a novel interlayer geometry	Advances in Materials and Processing Technologies. (International) Taylor & Francis Group	On line	ISSN: 2374- 068X	YES	YES	YES		
4	2019		Analysis and comparison of diffusion bonded and friction welded	ScienceDirect Materials Today:	On line		Yes	YES	YES		

		Dr R.KUMAR	Ti-6Al-4V and stainless steel joints with copper as interlayer	Proceedings							
5	2019		Casting design and simulation of gating system in rotary adaptor using procast software for defect minimization	ScienceDirect Materials Today: Proceedings	On line			YES	YES		
6	2019		Multi-response Optimization of Machining Parameters in EDM Using Square-Shaped Nonferrous Electrode	Advances in Manufacturing Processes, Lecture Notes in Mechanical Engineering. Springer	On line 287-295			YES	YES		YES
7		DrP.Balasubramanian	Multi-response Optimization of Machining Parameters in EDM Using Square-Shaped Nonferrous Electrode	Advances in Manufacturing Processes, Lecture Notes in Mechanical Engineering	On line 287-295			YES	YES		
8	2019	Mr	Application of Desirability Function Approach for Optimized Process Parameters of Electrical Discharge Alloying of Al 7075	Transaction of Indian Institute of Metals	Vol. 72, No. 7, pp.1901 - 1916	0972-2815	Yes	Yes	Yes	Yes	Yes

		A.HajaMaide en.	with Nickel Powder								
9	2019		Evaluation of Desirability Function Approach and Genetic Algorithm optimization of drilling characteristics on Duplex 2205	Materials Today: Proceedings	On line	2214-7853		Yes	Yes		
10	2019		Study on mechanical and morphological properties of sisal/banana/ coir fiber-reinforced hybrid polymer composites	Journal of the Brazilian Society of Mechanical Sciences and Engineering	On line	1678-5878	Yes	Yes	Yes	Yes	Yes
11	2019		Synthesis of alloying Al 7075 with Molybdenum for Functional Characterization	International Journal of Recent Technology and Engineering	Vol. 8, No. 3, pp.509 2-5103	2277-3878		Yes	Yes		
12	2019	Dr. M. Varatharajulu	Application of Desirability Function Approach for Optimized Process Parameters of Electrical Discharge Alloying of Al 7075 with Nickel Powder	Transaction of Indian Institute of Metals	Vol. 72, No. 7, pp.190 1 - 1916	0972-2815	Yes	Yes	Yes	Yes	Yes
13	2019		Synthesis of alloying Al 7075 with Molybdenum for Functional Characterization	International Journal of Recent Technology	Vol. 8, No. 3, pp.509 2-	2277-3878		Yes	Yes		

				and Engineering	5103						
14	2019		Evaluation of Desirability Function Approach and Genetic Algorithm optimization of drilling characteristics on Duplex 2205	Materials Today: Proceedings	On line	2214-7853		Yes	Yes		
15	2018		Experimental investigation and multi objective optimisation of Duplex 2304 drilling operation using evolutionary algorithm	International Journal of Manufacturing Technology and Management	Vol. 32 No. 4/5, pp. 336–357	ISSN online 1741-5195 ISSN print 368-2148		Yes	Yes		
16	2019	Dr. C. Swaminathan	Investigation of performance and emission characteristics of IC engine using sunflower oil methyl ester as fuel with oxygenated additive and EGR	Biofuels	Vol.10, No. 5, pp.583-589	Print ISSN: 1759-7269 Online ISSN: 1759-7277	YES	YES	YES	YES	
17	2019		Comparative mechanical, thermal, and morphological study of untreated and NaOH-treated bagasse fiber-reinforced cardanol green	Advanced Composites and Hybrid Materials	Vol. 2 No.1, pp. 125-132.	Electronic ISSN2 522-0136 Print ISSN2	Yes	Yes	Yes	Yes	Yes

		Dr. A. Balaji.	composites			522-0128					
18	2019		Investigation of chemical, thermal and morphological properties of untreated and NaOH treated banana fiber	Materials Today: Proceedings	On line	2214-7853		Yes	Yes		
19	2019		Study on mechanical and morphological properties of sisal/banana/ coir fiber-reinforced hybrid polymer composites	Journal of the Brazilian Society of Mechanical Sciences and Engineering	On line	1678-5878	Yes	Yes	Yes	Yes	Yes
20			Experimental investigation of mechanical and machining parameters of hybrid nanoclay glass fiber-reinforced polyester composites	Advanced Composites and Hybrid Materials	Vol. 2 No.1, pp. 93-101.	Electronic ISSN2 522-0136 Print ISSN2 522-0128	Yes	Yes	Yes	Yes	Yes
21	2019	Dr. S. Kannan	Study on mechanical and morphological properties of sisal/banana/ coir fiber-reinforced hybrid polymer composites	Journal of the Brazilian Society of Mechanical Sciences and Engineering	On line	1678-5878	Yes	Yes	Yes	Yes	Yes
22	2019	Mr	Study on mechanical and morphological	Journal of the Brazilian	On line	1678-5878	Yes	Yes	Yes	Yes	Yes

		R.Purushothaman	properties of sisal/banana/ coir fiber-reinforced hybrid polymer composites	Society of Mechanical Sciences and Engineering							
23	2019	Mr K.Sivaramakrishnan	Study on mechanical and morphological properties of sisal/banana/ coir fiber-reinforced hybrid polymer composites	Journal of the Brazilian Society of Mechanical Sciences and Engineering	On line	1678-5878	Yes	Yes	Yes	Yes	Yes
24	2019	Mr S.Senthilrajan	Ageing and Its Influence on Vibration Characteristics of Jute/Polyester Composites	Journal of Polymers and the Environment.	27: 2144–2155	1566-2543					
25	2019	Mr S.S Nivas.	Investigation of Surface Coating on Inconel 718 Alloy with Silicon Carbide Powder	Advances in Micro and Nano Manufacturing and Surface Engineering. Springer notes.	pp 613-622						
26	2020	R.Rajmohan	Finding the thermal characteristics of a Heat pipe using hybrid nano fluid	International Journal of engineering and advanced Technology	Volume -9, issue-3, PP 507-601	ISSN 2249-8958		YES	YES		
27			Experimental investigation of Gravity	Journal of Emerging	Volume 5,	ISSN: 2349:5			YES		

	2019		Assisted Heat pipe Heat Exchanger using D.I. Water	Technologies and Innovative Research	Issue 8	162					
--	------	--	--	--	---------	-----	--	--	--	--	--

S. No.	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1.	Dr.S.Sivanesskumar	Effective monitoring of health status of soldiers using IOT	International Journal of Information and Computing Sciences	Volume.6, Issue. 3, March 2019, pp.104-108	0972-2347	-	Yes	Yes	-	-
		Performance Analysis of V-LEACH, K-means and Leach-Kang Routing protocols in wireless sensor networks	International Journal of Information and Computing Sciences	Volume.6, Issue. 3, March 2019, pp.276-282	0972-2347	-	Yes	Yes	-	-
2	Chitravalavan	Investigation of interleaved powerfactorcorrection circuit with non linear carrier current control	Journal of Advanced Research in Dynamical and Control Systems - JARDCS	Special Issue.8, 2018, pp.1517-1525	1943-023X	-	Yes	-	-	-
3.	B.S.Sathishkumar	Image Reconstruction Algorithms For Computer Tomography On Different Projections	International Journal of Research in Advent Technology (IJRAT)	Special Issue pp.66-70, 2018	2321-9637	-	Yes	Yes	-	-
		An Efficient Algorithm for Computer Tomography in Low Radiation Image	Advances in Modelling and Analysis B (AMSE)	Volume.61, No.4, December 2018, pp.189-197	12404543	-	Yes	Yes	-	Yes
4.	C.Jayasri	Recognition and translation of Indian sign language for Deaf and Dump people	International Journal of information and computing science	Volume-6, Issue 3, March-2019	0972-1347	-	Yes	Yes	-	-

S. No.	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
5	R.Ramya	Evaluating Energy efficient cluster based routing protocol in wireless sensor networks	Journal of Computational Theoretical Nano science	Volume.16,issue No.4, pp.1270-1274, April 2018	1546-1955	-	Yes	Yes	-	-
6.	A.P.Prabakaran	Artificial Intelligence Surveillance Robot Using IoT	International Journal of Information and Computing Science	Volume-6, Issue 3, March-2019, pp 367-373	0972-1347	-	Yes	Yes	-	-
7.	Mrs.S.Janani	Investigative study on routing methods for CRSN	International Journal of Latest Trends in Engineering and Technology,	Volume.10, Issue 2, April 2018. pp51-60.	2278-621X	-	Yes	Yes	-	-
8.	S.Bharathiraja	Clustering formation using brain strom optimization algorithm	International Journal of Advance Research in Science and Engineering (IJARSE)	Volume.7, Issue 6, March 2018. Pp 22-28.	2319-8354	-	Yes	Yes	-	-
9.	S.Senthilnathan	Structural and Power Analysis of Ripple Carry Adder in QCA	ARPJN Journal of Engineering and Applied Sciences	Volume.13, issue no.8, pp. 2726-2733, April 2018	1819-6608	-	Yes	Yes	-	-

2019-2020

S. No.	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1.	Dr.S.Sivanesskumar	Analysis of Fault reduction techniques for test pattern generation	Journal of Information and Computational Science	Volume.9, Issue 10, April 2020. pp. 232-241	1548-7741	-	Yes	Yes	-	-
2.	Chitravalavan	IOT based intelligence bus monitoring system	International Journal of Engineering Research and Technology	Special Issue.7, Volume. 7, 2019, pp. 1-5	2278-0181	-	Yes	-	-	-
3.	Dr. B.S.Sathishkumar	Proficient Reconstruction Algorithms For Low Dose X-ray Tomography	chapter in Springer Book on Hybrid Machine Intelligence for Medical Image Analysis. Studies in Computational Intelligence	Vol 841, pp.237-256, April 2020	ISBN 978-981-13-8929-0 ISBN 978-981-13-8930-6 (eBook)	Yes	Yes	Yes	-	Yes
4	S.Bharathiraja	Manets trust based data security and secure anonymous routing	International journal of recent technology and Engineering (IJRTE)	Volume.8, Issue 4, November 2019. pp. 9667-9674	2277-3878	-	Yes	Yes	-	-

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1.	2018-19	Jayasankar R	Advanced Survey	(IJARBEST)	05/05/21	ISSN (ONLINE):2456-5717					
2.	2018-19	Jayasankar R	PRFORMANCE OF GEO POLYMER CONCRETE WITH AMBIENT CURING	(IJARBEST)	05/05/45	ISSN (ONLINE):2456-5717					
3.	2018-19	Jayasankar R	EXPREMENTAL STUDY OF PARTIAL REPLACMENT OF COARSE AGGREGATE WITH WASTE CONVEYOR BELT PIECES IN CONCRETE	(IJARBEST)	05/05/49	ISSN (ONLINE):2456-5717					
4.	2018-19	Jayasankar R	EFFECTIVE UTILIZATION OF THIRUMALAIRAJAN RIVER WATER IN NERAVY VILLAGE AT KARAIKAL	(IJARBEST)	05/05/63	ISSN (ONLINE):2456-5717					
5.	2018-19	Jayasankar R	COMPACT SEWAGE TREATMENT PLANT BASED ON ECOCLEAN METHOD	(IJARBEST)	05/05/79	ISSN (ONLINE):2456-5717					
6.	2018-19	Rameshwaran S	COMPACT SEWAGE TREATMENT PLANT BASED ON ECOCLEAN METHOD	(IJARBEST)	05/05/79	ISSN (ONLINE):2456-5717					
7.	2018-19	Jayasankar R	Experimental study of Partially Replacement	(IJARBEST)	05/05/160	ISSN (ONLINE):2456-					

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1.	2018-19	Jayasankar R	Advanced Survey of Hospital Waste to Fine Aggregate and adding Micro silica	(IJARBEST)	05/05/21	ISSN (ONLINE):2456-5717					
8	2018-19	S.Ambethkar	Experimental study of Partially Replacement of Hospital Waste to Fine Aggregate and adding Micro silica	(IJARBEST)	05/05/160	ISSN (ONLINE):2456-5717					
9	2018-19	Jayasankar R	EXPREMENTAL ANALYSIS OF GROUND WATER QUALITY IN MANNAMPANDAL	(IJARBEST)	05/05/165	ISSN (ONLINE):2456-5717					
10	2018-19	K.Ramesh	EXPREMENTAL ANALYSIS OF GROUND WATER QUALITY IN MANNAMPANDAL	(IJARBEST)	05/05/165	ISSN (ONLINE):2456-5717					
11	2018-19	R.Jayasankar	CONSTRUCTION OF MOBILE TOILET USING BIO TOILET SYSTEM	(IJARBEST)	05/05/170	ISSN (ONLINE):2456-5717					
12	2018-19	B.S. Meenakshi	CONSTRUCTION OF MOBILE TOILET USING BIO TOILET SYSTEM	(IJARBEST)	05/05/170	ISSN (ONLINE):2456-5717					
13	2018-19	Jayasankar R	COMPARATIVE ANALYSIS OF THE BUILDING COMPONENTS IN	(IJARBEST)	05/05/176	ISSN (ONLINE):2456-5717					

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1.	2018-19	Jayasankar R	Advanced Survey	(IJARBEST)	05/05/21	ISSN (ONLINE):2456-5717					
			STAAD PRO & ANSYS SOFTWARE								
14	2018-19	Harikrishnan S	COMPARATIVE ANALYSIS OF THE BUILDING COMPONENTS IN STAAD PRO & ANSYS SOFTWARE	(IJARBEST)	05/05/176	ISSN (ONLINE):2456-5717					
15	2018-19	Dr.S.BALASUBRAMANIAN	COMPARATIVE STUDY OF STRUCTURE USING CONVENTIONAL AND DIFFERENT SOFTWARES	(IJARBEST)	05/05/180	ISSN (ONLINE):2456-5717					
16	2018-19	Jayasankar R	COMPARATIVE STUDY OF STRUCTURE USING CONVENTIONAL AND DIFFERENT SOFTWARES	(IJARBEST)	05/05/180	ISSN (ONLINE):2456-5717					
17	2018-19	K.Ramesh	THE QUALITY OF CAUVERY AT DELTA	(IJARBEST)	05/05/183	ISSN (ONLINE):2456-5717					
18	2018-19	Jayasankar R	THE QUALITY OF CAUVERY AT DELTA	(IJARBEST)	05/05/183	ISSN (ONLINE):2456-5717					
19	2018-19	S.KANNAN	Partially Replacement of Cement using Silica fume and Metakaolin for Geopoymer	(IJARBEST)	05/05/195	ISSN (ONLINE):2456-5717					

S. No.	Year	Author Name	Complete title of the article	Name of the Journal (National/International)	Vol. No. Issue No. Page No.	ISSN for journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in PUBMED	Reported in Indian Citation Index
1.	2018-19	Jayasankar R	Advanced Survey concrete	(IJARBEST)	05/05/21	ISSN (ONLINE):2456-5717					
20	2018-19	Jayasankar R	Partially Replacement of Cement using Silica fume and Metakaolin for Geopolymer concrete	(IJARBEST)	05/05/195	ISSN (ONLINE):2456-5717					